LG
Life's Good

MULTI V™ IV

PERFORMANCE DATA MANUAL

Variable Refrigerant Flow
Air-Source Outdoor Units
6.0 to 42.0 Tons

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A summary list of safety precautions is on page 3.

For more technical materials such as submittals, catalogs, installation, owner's, and service manuals, visit www.lghvac.com.

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TABLE OF SYMBOLS

⚠ DANGER	*This symbol indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.*
⚠ WARNING	*This symbol indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.*
⚠ CAUTION	*This symbol indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.*
Note	*This symbol indicates situations that may result in equipment or property damage accidents only.*
⃠	*This symbol indicates an action should not be completed.*

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PERFORMANCE DATA

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Heating Capacity Data on page 111

PERFORMANCE DATA

MULTI V IV

Cooling Capacity ARUN072BTE4, ARUN072DTE4 / ARUB072BTE4, ARUB072DTE4

72,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
130%	-9.9	65.5	1.40	77.8	1.70	90.4	2.02	93.7	2.18	95.1	2.35	98.4	2.69	100.7	2.78
	-5	65.5	1.48	77.8	1.79	90.4	2.13	93.7	2.30	95.1	2.48	98.4	2.84	100.7	2.93
	0	65.5	1.54	77.8	1.86	90.4	2.21	93.7	2.39	95.1	2.58	98.4	2.95	100.7	3.05
	5	65.5	1.59	77.8	1.93	90.4	2.29	93.7	2.47	95.1	2.67	98.4	3.06	100.7	3.16
	10	65.5	1.64	77.8	1.99	90.4	2.36	93.7	2.55	95.1	2.75	98.4	3.15	100.7	3.25
	14	65.5	1.70	77.8	2.06	90.4	2.44	93.7	2.64	95.1	2.85	98.4	3.26	100.7	3.37
	20	65.5	1.73	77.8	2.09	90.4	2.48	93.7	2.68	95.1	2.89	98.4	3.31	100.7	3.42
	25	65.5	1.75	77.8	2.12	90.4	2.51	93.7	2.71	95.1	2.92	98.4	3.35	100.7	3.46
	30	65.5	1.77	77.8	2.15	90.4	2.54	93.7	2.75	95.1	2.95	98.4	3.38	100.7	3.50
	35	65.5	1.79	77.8	2.17	90.4	2.57	93.7	2.78	95.1	2.99	98.4	3.42	100.7	3.54
	40	65.5	1.82	77.8	2.20	90.4	2.60	93.7	2.81	95.1	3.02	98.4	3.46	100.7	3.58
	45	65.5	1.84	77.8	2.22	90.4	2.63	93.7	2.84	95.1	3.05	98.4	3.50	100.7	3.62
	50	65.5	1.85	77.8	2.24	90.4	2.65	93.7	2.87	95.1	3.08	98.4	3.53	100.7	3.66
	55	65.5	1.89	77.8	2.28	90.4	2.70	92.4	2.93	93.7	3.15	97.0	3.60	99.4	3.68
	60	65.5	1.95	77.8	2.37	89.1	2.82	90.3	3.04	91.4	3.27	94.7	3.71	97.0	3.72
	65	65.5	1.99	77.8	2.42	87.7	2.87	89.1	3.10	90.1	3.33	93.3	3.83	95.7	3.86
	70	65.5	1.91	77.8	2.32	86.1	2.86	87.1	3.15	88.4	3.45	91.6	3.83	94.0	3.87
	75	65.5	1.96	77.8	2.48	84.8	3.06	85.7	3.38	87.1	3.70	90.3	4.02	92.6	4.04
	80	65.5	2.23	77.8	2.82	82.4	3.50	83.4	3.86	84.8	4.25	87.9	4.36	90.3	4.40
	85	65.5	2.37	77.8	3.01	81.1	3.74	82.4	4.12	83.4	4.50	86.6	4.54	89.0	4.58
	90	65.5	2.69	76.4	3.42	78.8	4.25	79.8	4.70	81.1	4.86	84.3	4.90	86.6	4.94
	95	66.2	2.85	75.9	3.64	78.3	4.53	**79.6**	**5.01**	80.6	5.03	83.8	5.08	86.2	5.13
	100	66.2	3.08	74.6	3.94	76.9	4.91	78.3	5.27	79.3	5.30	82.8	5.35	85.2	5.40
	105	66.2	3.48	72.6	4.46	74.9	5.54	76.1	5.67	77.2	5.70	79.9	5.75	81.1	5.81
	110	66.2	3.90	69.6	5.02	72.5	6.05	72.7	6.07	73.8	6.09	75.3	6.15	75.6	6.21
	115	65.8	4.52	67.0	5.78	67.0	6.37	67.0	6.37	67.0	6.37	68.0	6.38	68.3	6.40
	118	57.2	3.83	58.3	4.90	58.4	5.36	58.4	5.41	58.4	5.41	59.2	5.42	59.0	5.43
	122	45.7	2.90	46.7	3.72	46.5	4.08	46.6	4.09	46.7	4.09	47.5	4.11	47.5	4.12
120%	-9.9	59.6	1.32	71.1	1.60	82.6	1.89	88.5	2.04	92.5	2.20	96.7	2.52	98.7	2.61
	-5	59.6	1.39	71.1	1.69	82.6	2.00	88.5	2.15	92.5	2.32	96.7	2.66	98.7	2.75
	0	59.6	1.45	71.1	1.75	82.6	2.08	88.5	2.24	92.5	2.42	96.7	2.77	98.7	2.86
	5	59.6	1.50	71.1	1.82	82.6	2.15	88.5	2.32	92.5	2.50	96.7	2.87	98.7	2.97
	10	59.6	1.54	71.1	1.87	82.6	2.22	88.5	2.39	92.5	2.58	96.7	2.95	98.7	3.05
	14	59.6	1.60	71.1	1.94	82.6	2.30	88.5	2.48	92.5	2.67	96.7	3.06	98.7	3.16
	20	59.6	1.62	71.1	1.97	82.6	2.33	88.5	2.51	92.5	2.71	96.7	3.10	98.7	3.21
	25	59.6	1.65	71.1	1.99	82.6	2.36	88.5	2.55	92.5	2.74	96.7	3.14	98.7	3.25
	30	59.6	1.67	71.1	2.02	82.6	2.38	88.5	2.58	92.5	2.77	96.7	3.18	98.7	3.29
	35	59.6	1.69	71.1	2.04	82.6	2.41	88.5	2.61	92.5	2.80	96.7	3.21	98.7	3.33
	40	59.6	1.71	71.1	2.07	82.6	2.44	88.5	2.64	92.5	2.84	96.7	3.26	98.7	3.37
	45	59.6	1.73	71.1	2.09	82.6	2.47	88.5	2.67	92.5	2.87	96.7	3.29	98.7	3.41
	50	59.6	1.75	71.1	2.11	82.6	2.50	88.5	2.70	92.5	2.90	96.7	3.33	98.7	3.44
	55	59.6	1.78	71.1	2.15	82.6	2.55	88.5	2.76	91.5	2.96	95.4	3.39	97.7	3.47
	60	59.6	1.83	71.1	2.23	82.6	2.65	87.9	2.87	88.9	3.08	93.0	3.49	95.0	3.55
	65	59.6	1.87	71.1	2.28	82.6	2.70	86.6	2.92	87.9	3.14	91.7	3.61	94.0	3.64
	70	59.6	1.84	71.1	2.23	82.6	2.74	84.9	3.02	85.9	3.31	90.0	3.68	92.0	3.72
	75	59.6	1.88	71.1	2.38	82.6	2.94	83.6	3.24	84.9	3.55	88.6	3.86	91.0	3.88
	80	59.6	2.14	71.1	2.71	80.3	3.36	81.3	3.71	82.3	4.08	86.3	4.19	88.3	4.22
	85	59.6	2.28	71.1	2.89	79.0	3.59	80.0	3.96	81.3	4.32	84.9	4.36	87.3	4.40
	90	59.6	2.58	71.1	3.29	76.7	4.08	77.7	4.51	78.7	4.66	82.6	4.70	84.6	4.75
	95	60.2	2.74	71.9	3.50	76.2	4.35	**77.2**	**4.81**	78.5	4.83	82.1	4.87	84.5	4.92
	100	60.2	2.96	71.9	3.78	74.8	4.72	76.2	5.06	77.2	5.09	81.1	5.14	83.1	5.18
	105	60.2	3.34	70.7	4.28	72.9	5.32	74.0	5.44	75.0	5.47	78.7	5.52	80.0	5.57
	110	60.2	3.75	68.9	4.82	71.1	5.80	71.4	5.83	72.4	5.85	74.7	5.91	75.0	5.96
	115	58.5	4.34	66.4	5.55	66.4	6.12	66.4	6.12	66.4	6.12	68.0	6.13	68.3	6.14
	118	52.3	3.83	57.7	4.70	57.8	5.14	57.8	5.19	57.8	5.19	59.2	5.20	59.0	5.21
	122	41.8	2.90	46.3	3.57	46.1	3.92	46.2	3.93	46.3	3.93	47.6	3.94	47.5	3.96

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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PERFORMANCE DATA

ARUN072BTE4, ARUN072DTE4 / ARUB072BTE4, ARUB072DTE4 Cooling Capacity

72,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
110%	-9.9	55.2	1.21	65.9	1.46	76.5	1.74	81.8	1.88	87.2	2.02	96.0	2.30	98.1	2.39
	-5	55.2	1.28	65.9	1.55	76.5	1.83	81.8	1.99	87.2	2.13	96.0	2.43	98.1	2.52
	0	55.2	1.33	65.9	1.61	76.5	1.91	81.8	2.07	87.2	2.21	96.0	2.52	98.1	2.62
	5	55.2	1.38	65.9	1.67	76.5	1.97	81.8	2.14	87.2	2.29	96.0	2.62	98.1	2.71
	10	55.2	1.42	65.9	1.71	76.5	2.03	81.8	2.20	87.2	2.36	96.0	2.69	98.1	2.79
	14	55.2	1.47	65.9	1.78	76.5	2.11	81.8	2.28	87.2	2.45	96.0	2.79	98.1	2.89
	20	55.2	1.49	65.9	1.80	76.5	2.14	81.8	2.31	87.2	2.48	96.0	2.84	98.1	2.94
	25	55.2	1.51	65.9	1.83	76.5	2.16	81.8	2.34	87.2	2.51	96.0	2.88	98.1	2.98
	30	55.2	1.53	65.9	1.85	76.5	2.19	81.8	2.37	87.2	2.54	96.0	2.92	98.1	3.01
	35	55.2	1.55	65.9	1.88	76.5	2.22	81.8	2.40	87.2	2.58	96.0	2.96	98.1	3.06
	40	55.2	1.57	65.9	1.90	76.5	2.25	81.8	2.43	87.2	2.62	96.0	3.00	98.1	3.10
	45	55.2	1.60	65.9	1.93	76.5	2.29	81.8	2.47	87.2	2.66	96.0	3.05	98.1	3.15
	50	55.2	1.63	65.9	1.97	76.5	2.33	81.8	2.52	87.2	2.70	96.0	3.10	98.1	3.20
	55	55.2	1.65	65.9	2.00	76.5	2.37	81.8	2.57	87.2	2.76	94.7	3.15	96.7	3.23
	60	55.2	1.71	65.9	2.08	76.5	2.47	81.8	2.67	87.2	2.87	92.3	3.25	94.3	3.28
	65	55.2	1.74	65.9	2.12	76.5	2.52	81.8	2.72	87.2	2.92	90.9	3.36	93.0	3.39
	70	55.2	1.76	65.9	2.14	76.5	2.63	81.8	2.90	85.5	3.18	89.2	3.53	91.3	3.56
	75	55.2	1.80	65.9	2.28	76.5	2.82	81.8	3.11	84.2	3.41	87.9	3.70	89.9	3.72
	80	54.7	2.05	65.2	2.60	75.7	3.22	80.0	3.56	81.0	3.91	84.6	4.01	86.6	4.05
	85	54.7	2.18	65.2	2.77	75.7	3.44	78.7	3.79	79.7	4.15	83.3	4.18	85.3	4.22
	90	54.7	2.47	65.2	3.15	75.4	3.91	76.4	4.32	77.4	4.47	80.9	4.51	83.0	4.55
	95	54.7	2.62	65.2	3.35	74.1	4.17	**75.1**	**4.61**	76.1	4.63	79.6	4.67	81.6	4.72
	100	54.7	2.84	65.2	3.63	73.1	4.52	74.1	4.85	75.1	4.88	78.6	4.93	80.6	4.97
	105	54.7	3.20	65.2	4.10	70.8	5.10	71.8	5.22	72.8	5.25	76.3	5.29	78.2	5.35
	110	54.7	3.59	65.2	4.63	68.6	5.56	68.8	5.59	69.8	5.61	72.0	5.67	72.3	5.72
	115	54.7	4.16	65.2	5.32	65.7	5.87	65.7	5.87	66.0	5.87	67.3	5.88	67.6	5.89
	118	52.8	3.79	56.7	4.51	57.2	4.93	57.2	4.98	57.5	4.98	58.6	4.99	58.4	5.00
	122	42.2	2.87	45.5	3.43	45.6	3.76	45.7	3.76	46.0	3.77	47.1	3.78	47.0	3.80
100%	-9.9	48.5	1.07	57.9	1.29	67.2	1.53	72.0	1.66	79.1	1.80	88.7	2.08	93.7	2.16
	-5	48.5	1.13	57.9	1.36	67.2	1.61	72.0	1.76	79.1	1.90	88.7	2.19	93.7	2.28
	0	48.5	1.17	57.9	1.41	67.2	1.68	72.0	1.83	79.1	1.98	88.7	2.28	93.7	2.38
	5	48.5	1.22	57.9	1.47	67.2	1.74	72.0	1.89	79.1	2.05	88.7	2.36	93.7	2.46
	10	48.5	1.25	57.9	1.51	67.2	1.79	72.0	1.95	79.1	2.11	88.7	2.43	93.7	2.53
	14	48.5	1.30	57.9	1.56	67.2	1.85	72.0	2.02	79.1	2.18	88.7	2.52	93.7	2.62
	20	48.5	1.34	57.9	1.61	67.2	1.91	72.0	2.08	79.1	2.25	88.7	2.59	93.7	2.70
	25	48.5	1.37	57.9	1.66	67.2	1.96	72.0	2.12	79.1	2.31	88.7	2.65	93.7	2.76
	30	48.5	1.40	57.9	1.70	67.2	2.01	72.0	2.17	79.1	2.37	88.7	2.72	93.7	2.82
	35	48.5	1.42	57.9	1.73	67.2	2.04	72.0	2.21	79.1	2.41	88.7	2.76	93.7	2.87
	40	48.5	1.45	57.9	1.75	67.2	2.07	72.0	2.24	79.1	2.45	88.7	2.80	93.7	2.92
	45	48.5	1.48	57.9	1.79	67.2	2.12	72.0	2.29	79.1	2.50	88.7	2.86	93.7	2.98
	50	48.5	1.51	57.9	1.83	67.2	2.16	72.0	2.34	79.1	2.55	88.7	2.92	93.7	3.04
	55	48.5	1.53	57.9	1.86	67.2	2.20	72.0	2.39	79.1	2.60	88.7	2.97	92.7	3.08
	60	48.5	1.58	57.9	1.93	67.2	2.29	72.0	2.48	79.1	2.70	88.4	3.06	90.1	3.14
	65	48.5	1.62	57.9	1.97	67.2	2.34	72.0	2.53	79.1	2.75	87.1	3.17	89.1	3.23
	70	48.5	1.67	57.9	2.03	67.2	2.49	72.0	2.74	79.1	3.06	85.4	3.39	87.1	3.45
	75	48.5	1.71	57.9	2.16	67.2	2.67	72.0	2.94	79.1	3.28	84.1	3.56	86.1	3.60
	80	48.5	1.94	57.9	2.46	67.2	3.05	72.0	3.37	79.1	3.76	81.8	3.86	83.4	3.91
	85	48.5	2.07	57.9	2.63	67.2	3.26	72.0	3.59	78.8	3.99	80.5	4.02	82.4	4.07
	90	48.5	2.34	57.9	2.99	67.2	3.70	72.0	4.09	76.1	4.30	78.1	4.33	79.8	4.40
	95	48.5	2.49	57.9	3.18	67.2	3.95	**72.0**	**4.37**	75.2	4.45	76.8	4.49	78.8	4.56
	100	48.5	2.68	57.9	3.43	67.2	4.28	70.7	4.59	73.9	4.68	75.8	4.73	77.5	4.79
	105	48.5	3.02	57.9	3.86	66.8	4.81	68.8	4.92	71.6	5.02	73.5	5.06	75.3	5.13
	110	48.5	3.37	57.9	4.34	66.0	5.22	67.5	5.24	68.9	5.34	70.0	5.39	71.3	5.47
	115	48.5	3.87	57.9	4.95	62.9	5.46	64.8	5.46	66.4	5.54	67.0	5.55	67.3	5.59
	118	48.5	3.91	50.8	4.65	54.7	4.59	56.4	4.63	57.8	4.70	58.4	4.71	58.1	4.74
	122	41.5	3.54	40.7	3.53	43.6	3.50	45.1	3.51	46.3	3.56	46.9	3.57	46.8	3.61

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Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Cooling Capacity ARUN072BTE4, ARUN072DTE4 / ARUB072BTE4, ARUB072DTE4

72,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
90%	-9.9	43.7	0.95	52.1	1.14	60.8	1.35	64.9	1.45	69.1	1.55	77.5	1.79	85.8	1.96
	-5	43.7	1.01	52.1	1.20	60.8	1.42	64.9	1.53	69.1	1.64	77.5	1.88	85.8	2.07
	0	43.7	1.05	52.1	1.25	60.8	1.48	64.9	1.59	69.1	1.70	77.5	1.96	85.8	2.15
	5	43.7	1.08	52.1	1.30	60.8	1.53	64.9	1.65	69.1	1.76	77.5	2.03	85.8	2.23
	10	43.7	1.12	52.1	1.34	60.8	1.58	64.9	1.70	69.1	1.81	77.5	2.09	85.8	2.29
	14	43.7	1.16	52.1	1.38	60.8	1.64	64.9	1.76	69.1	1.88	77.5	2.17	85.8	2.38
	20	43.7	1.20	52.1	1.44	60.8	1.70	64.9	1.83	69.1	1.96	77.5	2.24	85.8	2.47
	25	43.7	1.23	52.1	1.48	60.8	1.75	64.9	1.88	69.1	2.02	77.5	2.31	85.8	2.54
	30	43.7	1.27	52.1	1.53	60.8	1.80	64.9	1.94	69.1	2.09	77.5	2.37	85.8	2.62
	35	43.7	1.31	52.1	1.57	60.8	1.85	64.9	2.00	69.1	2.15	77.5	2.44	85.8	2.70
	40	43.7	1.34	52.1	1.62	60.8	1.91	64.9	2.06	69.1	2.22	77.5	2.52	85.8	2.78
	45	43.7	1.38	52.1	1.66	60.8	1.95	64.9	2.11	69.1	2.27	77.5	2.57	85.8	2.84
	50	43.7	1.41	52.1	1.69	60.8	2.00	64.9	2.15	69.1	2.32	77.5	2.63	85.8	2.91
	55	43.7	1.42	52.1	1.72	60.8	2.03	64.9	2.20	69.1	2.36	77.5	2.68	85.8	2.93
	60	43.7	1.48	52.1	1.79	60.8	2.11	64.9	2.28	69.1	2.46	77.5	2.79	85.1	2.97
	65	43.7	1.50	52.1	1.82	60.8	2.15	64.9	2.33	69.1	2.50	77.5	2.84	84.5	3.12
	70	43.7	1.55	52.1	1.88	60.8	2.23	64.9	2.46	69.1	2.68	77.5	3.17	82.9	3.35
	75	43.7	1.57	52.1	1.96	60.8	2.39	64.9	2.63	69.1	2.88	77.5	3.30	81.6	3.50
	80	43.7	1.76	52.1	2.22	60.8	2.73	64.9	3.00	69.1	3.29	77.5	3.65	79.4	3.80
	85	43.7	1.88	52.1	2.37	60.8	2.92	64.9	3.20	69.1	3.52	76.5	3.85	78.1	3.96
	90	43.7	2.12	52.1	2.68	60.8	3.31	64.9	3.65	69.1	4.00	74.3	4.21	75.9	4.27
	95	43.7	2.26	52.1	2.85	60.8	3.52	**64.9**	**3.89**	69.1	4.27	73.0	4.37	74.6	4.43
	100	43.7	2.33	52.1	2.97	60.8	3.67	64.9	4.04	69.1	4.37	72.0	4.56	73.3	4.61
	105	43.7	2.70	52.1	3.44	60.8	4.15	64.9	4.43	68.3	4.68	69.8	4.89	70.7	4.95
	110	43.7	3.10	52.1	3.97	60.8	4.55	64.9	4.78	65.6	5.07	66.4	5.25	67.0	5.31
	115	43.7	3.36	52.1	4.30	56.9	4.80	61.6	5.00	62.4	5.24	63.0	5.35	63.3	5.42
	118	43.7	3.57	50.8	4.65	49.5	4.03	53.6	4.24	54.4	4.44	54.9	4.54	54.6	4.60
	122	41.5	3.54	40.7	3.53	39.5	3.07	42.8	3.21	43.5	3.36	44.1	3.44	44.0	3.49
80%	-9.9	38.9	0.83	46.3	0.99	54.0	1.15	57.5	1.25	61.4	1.35	68.8	1.54	76.2	1.72
	-5	38.9	0.87	46.3	1.05	54.0	1.22	57.5	1.32	61.4	1.43	68.8	1.63	76.2	1.81
	0	38.9	0.91	46.3	1.09	54.0	1.27	57.5	1.38	61.4	1.48	68.8	1.69	76.2	1.89
	5	38.9	0.94	46.3	1.13	54.0	1.31	57.5	1.43	61.4	1.54	68.8	1.76	76.2	1.96
	10	38.9	0.97	46.3	1.16	54.0	1.35	57.5	1.47	61.4	1.58	68.8	1.81	76.2	2.01
	14	38.9	1.00	46.3	1.21	54.0	1.40	57.5	1.52	61.4	1.64	68.8	1.87	76.2	2.09
	20	38.9	1.04	46.3	1.25	54.0	1.46	57.5	1.58	61.4	1.70	68.8	1.94	76.2	2.17
	25	38.9	1.07	46.3	1.28	54.0	1.50	57.5	1.63	61.4	1.74	68.8	2.00	76.2	2.23
	30	38.9	1.10	46.3	1.32	54.0	1.55	57.5	1.67	61.4	1.79	68.8	2.05	76.2	2.30
	35	38.9	1.13	46.3	1.36	54.0	1.60	57.5	1.72	61.4	1.84	68.8	2.11	76.2	2.36
	40	38.9	1.16	46.3	1.39	54.0	1.64	57.5	1.77	61.4	1.89	68.8	2.17	76.2	2.43
	45	38.9	1.18	46.3	1.41	54.0	1.66	57.5	1.79	61.4	1.91	68.8	2.20	76.2	2.46
	50	38.9	1.20	46.3	1.43	54.0	1.68	57.5	1.81	61.4	1.94	68.8	2.23	76.2	2.49
	55	38.9	1.21	46.3	1.46	54.0	1.71	57.5	1.85	61.4	1.98	68.8	2.27	76.2	2.54
	60	38.9	1.26	46.3	1.51	54.0	1.77	57.5	1.91	61.4	2.06	68.8	2.35	76.2	2.64
	65	38.9	1.27	46.3	1.54	54.0	1.81	57.5	1.95	61.4	2.10	68.8	2.39	76.2	2.70
	70	38.9	1.31	46.3	1.58	54.0	1.86	57.5	2.01	61.4	2.19	68.8	2.58	76.2	2.99
	75	38.9	1.34	46.3	1.61	54.0	1.95	57.5	2.14	61.4	2.33	68.8	2.74	76.2	3.15
	80	38.9	1.46	46.3	1.83	54.0	2.23	57.5	2.43	61.4	2.66	68.8	3.16	76.2	3.52
	85	38.9	1.56	46.3	1.94	54.0	2.37	57.5	2.60	61.4	2.85	68.8	3.36	76.2	3.61
	90	38.9	1.75	46.3	2.20	54.0	2.68	57.5	2.95	61.4	3.24	68.8	3.70	74.9	3.82
	95	38.9	1.86	46.3	2.33	54.0	2.86	**57.5**	**3.13**	61.4	3.44	68.8	3.82	73.3	3.93
	100	38.9	2.01	46.3	2.51	54.0	3.09	57.5	3.36	61.4	3.58	68.8	3.98	71.7	4.06
	105	38.9	2.29	46.3	2.88	54.0	3.44	57.5	3.60	61.4	3.84	68.0	4.14	69.6	4.26
	110	38.9	2.60	46.3	3.28	54.0	3.65	57.5	3.85	61.4	4.13	65.6	4.29	65.9	4.48
	115	38.9	2.78	46.3	3.50	54.0	3.77	57.5	4.04	57.5	4.23	57.9	4.39	57.9	4.65
	118	38.9	2.95	46.3	3.72	49.5	4.03	50.5	3.84	50.1	3.59	50.4	3.72	50.0	3.95
	122	38.9	3.19	40.8	3.51	39.5	3.07	40.4	2.90	40.1	2.72	40.5	2.82	40.2	3.00

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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ARUN072BTE4, ARUN072DTE4 / ARUB072BTE4, ARUB072DTE4 Cooling Capacity

72,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
70%	-9.9	34.1	0.73	40.5	0.87	47.3	1.02	50.5	1.09	53.7	1.16	60.1	1.33	66.9	1.49
	-5	34.1	0.77	40.5	0.91	47.3	1.08	50.5	1.15	53.7	1.23	60.1	1.40	66.9	1.57
	0	34.1	0.80	40.5	0.95	47.3	1.12	50.5	1.20	53.7	1.28	60.1	1.46	66.9	1.64
	5	34.1	0.83	40.5	0.99	47.3	1.16	50.5	1.24	53.7	1.32	60.1	1.51	66.9	1.70
	10	34.1	0.85	40.5	1.01	47.3	1.19	50.5	1.28	53.7	1.36	60.1	1.56	66.9	1.74
	14	34.1	0.88	40.5	1.05	47.3	1.24	50.5	1.32	53.7	1.41	60.1	1.61	66.9	1.81
	20	34.1	0.91	40.5	1.09	47.3	1.27	50.5	1.37	53.7	1.46	60.1	1.67	66.9	1.87
	25	34.1	0.94	40.5	1.11	47.3	1.31	50.5	1.40	53.7	1.50	60.1	1.71	66.9	1.92
	30	34.1	0.96	40.5	1.14	47.3	1.34	50.5	1.44	53.7	1.54	60.1	1.75	66.9	1.97
	35	34.1	0.99	40.5	1.18	47.3	1.38	50.5	1.48	53.7	1.58	60.1	1.80	66.9	2.02
	40	34.1	1.02	40.5	1.20	47.3	1.41	50.5	1.52	53.7	1.62	60.1	1.84	66.9	2.07
	45	34.1	1.03	40.5	1.22	47.3	1.43	50.5	1.54	53.7	1.65	60.1	1.87	66.9	2.11
	50	34.1	1.05	40.5	1.24	47.3	1.46	50.5	1.57	53.7	1.68	60.1	1.91	66.9	2.14
	55	34.1	1.07	40.5	1.27	47.3	1.48	50.5	1.59	53.7	1.71	60.1	1.94	66.9	2.19
	60	34.1	1.10	40.5	1.31	47.3	1.54	50.5	1.65	53.7	1.77	60.1	2.02	66.9	2.27
	65	34.1	1.12	40.5	1.34	47.3	1.56	50.5	1.68	53.7	1.80	60.1	2.05	66.9	2.31
	70	34.1	1.15	40.5	1.37	47.3	1.61	50.5	1.73	53.7	1.86	60.1	2.12	66.9	2.45
	75	34.1	1.17	40.5	1.40	47.3	1.64	50.5	1.79	53.7	1.94	60.1	2.27	66.9	2.60
	80	34.1	1.26	40.5	1.54	47.3	1.86	50.5	2.03	53.7	2.20	60.1	2.51	66.9	2.88
	85	34.1	1.34	40.5	1.64	47.3	1.98	50.5	2.17	53.7	2.37	60.1	2.67	66.9	3.00
	90	34.1	1.50	40.5	1.85	47.3	2.25	50.5	2.45	53.7	2.68	60.1	2.98	66.9	3.26
	95	34.1	1.58	40.5	1.97	47.3	2.39	**50.5**	**2.62**	53.7	2.85	60.1	3.14	66.9	3.36
	100	34.1	1.71	40.5	2.12	47.3	2.58	50.5	2.82	53.7	2.93	60.1	3.28	66.9	3.45
	105	34.1	1.94	40.5	2.42	47.3	2.84	50.5	3.01	53.7	3.19	60.1	3.46	66.9	3.65
	110	34.1	2.19	40.5	2.74	47.3	3.01	50.5	3.19	53.7	3.45	60.1	3.60	64.9	3.93
	115	34.1	2.35	40.5	2.93	47.3	3.11	50.5	3.37	53.7	3.55	60.1	3.71	61.2	4.18
	118	34.1	2.49	40.5	3.11	47.3	3.31	50.5	3.58	48.8	3.55	50.4	3.15	50.0	3.55
	122	34.1	2.69	40.5	3.37	42.2	3.16	40.3	2.94	39.1	2.69	40.5	2.39	40.2	2.70
60%	-9.9	29.3	0.63	34.7	0.73	40.5	0.86	43.1	0.92	46.0	0.99	51.8	1.12	57.2	1.25
	-5	29.3	0.67	34.7	0.77	40.5	0.91	43.1	0.97	46.0	1.04	51.8	1.18	57.2	1.32
	0	29.3	0.69	34.7	0.80	40.5	0.94	43.1	1.01	46.0	1.09	51.8	1.23	57.2	1.38
	5	29.3	0.72	34.7	0.83	40.5	0.98	43.1	1.05	46.0	1.13	51.8	1.28	57.2	1.43
	10	29.3	0.74	34.7	0.86	40.5	1.01	43.1	1.08	46.0	1.16	51.8	1.31	57.2	1.47
	14	29.3	0.77	34.7	0.89	40.5	1.04	43.1	1.12	46.0	1.20	51.8	1.36	57.2	1.52
	20	29.3	0.79	34.7	0.92	40.5	1.08	43.1	1.15	46.0	1.24	51.8	1.40	57.2	1.57
	25	29.3	0.81	34.7	0.95	40.5	1.11	43.1	1.19	46.0	1.27	51.8	1.44	57.2	1.62
	30	29.3	0.83	34.7	0.98	40.5	1.13	43.1	1.22	46.0	1.30	51.8	1.48	57.2	1.66
	35	29.3	0.85	34.7	1.00	40.5	1.16	43.1	1.25	46.0	1.34	51.8	1.52	57.2	1.70
	40	29.3	0.87	34.7	1.03	40.5	1.19	43.1	1.28	46.0	1.37	51.8	1.56	57.2	1.75
	45	29.3	0.88	34.7	1.04	40.5	1.20	43.1	1.29	46.0	1.39	51.8	1.57	57.2	1.76
	50	29.3	0.89	34.7	1.04	40.5	1.21	43.1	1.30	46.0	1.40	51.8	1.58	57.2	1.78
	55	29.3	0.90	34.7	1.06	40.5	1.24	43.1	1.33	46.0	1.42	51.8	1.61	57.2	1.81
	60	29.3	0.93	34.7	1.10	40.5	1.28	43.1	1.38	46.0	1.47	51.8	1.67	57.2	1.88
	65	29.3	0.94	34.7	1.12	40.5	1.30	43.1	1.40	46.0	1.50	51.8	1.71	57.2	1.92
	70	29.3	0.97	34.7	1.15	40.5	1.34	43.1	1.44	46.0	1.54	51.8	1.75	57.2	1.99
	75	29.3	0.98	34.7	1.17	40.5	1.37	43.1	1.47	46.0	1.59	51.8	1.86	57.2	2.12
	80	29.3	1.04	34.7	1.27	40.5	1.53	43.1	1.67	46.0	1.81	51.8	2.08	57.2	2.40
	85	29.3	1.11	34.7	1.35	40.5	1.63	43.1	1.78	46.0	1.94	51.8	2.19	57.2	2.47
	90	29.3	1.24	34.7	1.53	40.5	1.84	43.1	2.01	46.0	2.17	51.8	2.45	57.2	2.70
	95	29.3	1.32	34.7	1.62	40.5	1.95	**43.1**	**2.14**	46.0	2.30	51.8	2.56	57.2	2.84
	100	29.3	1.41	34.7	1.74	40.5	2.11	43.1	2.31	46.0	2.41	51.8	2.71	57.2	2.96
	105	29.3	1.61	34.7	1.98	40.5	2.32	43.1	2.46	46.0	2.62	51.8	2.88	57.2	3.23
	110	29.3	1.81	34.7	2.25	40.5	2.51	43.1	2.61	46.0	2.83	51.8	3.08	57.2	3.52
	115	29.3	1.94	34.7	2.40	40.5	2.61	43.1	2.76	46.0	2.93	51.8	3.26	57.2	3.76
	118	29.3	2.05	34.7	2.55	40.5	2.77	43.1	2.93	46.0	3.12	50.4	3.15	50.0	3.55
	122	29.3	2.21	34.7	2.76	40.5	3.00	40.2	2.98	38.9	2.76	40.5	2.39	40.2	2.70

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Cooling Capacity ARUN072BTE4, ARUN072DTE4 / ARUB072BTE4, ARUB072DTE4

72,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
50%	-9.9	24.3	0.54	28.9	0.64	33.8	0.72	36.0	0.77	38.3	0.83	43.1	0.92	47.6	1.02
	-5	24.3	0.57	28.9	0.67	33.8	0.75	36.0	0.81	38.3	0.88	43.1	0.97	47.6	1.08
	0	24.3	0.60	28.9	0.70	33.8	0.78	36.0	0.85	38.3	0.91	43.1	1.01	47.6	1.12
	5	24.3	0.62	28.9	0.73	33.8	0.81	36.0	0.88	38.3	0.94	43.1	1.05	47.6	1.16
	10	24.3	0.64	28.9	0.75	33.8	0.84	36.0	0.90	38.3	0.97	43.1	1.08	47.6	1.19
	14	24.3	0.66	28.9	0.77	33.8	0.87	36.0	0.93	38.3	1.01	43.1	1.12	47.6	1.24
	20	24.3	0.68	28.9	0.80	33.8	0.90	36.0	0.97	38.3	1.04	43.1	1.16	47.6	1.28
	25	24.3	0.70	28.9	0.82	33.8	0.93	36.0	1.00	38.3	1.07	43.1	1.19	47.6	1.32
	30	24.3	0.72	28.9	0.84	33.8	0.96	36.0	1.02	38.3	1.09	43.1	1.22	47.6	1.36
	35	24.3	0.74	28.9	0.86	33.8	0.99	36.0	1.05	38.3	1.12	43.1	1.26	47.6	1.40
	40	24.3	0.76	28.9	0.88	33.8	1.01	36.0	1.08	38.3	1.15	43.1	1.29	47.6	1.43
	45	24.3	0.77	28.9	0.90	33.8	1.03	36.0	1.09	38.3	1.17	43.1	1.31	47.6	1.46
	50	24.3	0.78	28.9	0.91	33.8	1.04	36.0	1.11	38.3	1.18	43.1	1.33	47.6	1.48
	55	24.3	0.80	28.9	0.93	33.8	1.06	36.0	1.13	38.3	1.20	43.1	1.35	47.6	1.50
	60	24.3	0.82	28.9	0.95	33.8	1.09	36.0	1.17	38.3	1.24	43.1	1.39	47.6	1.56
	65	24.3	0.83	28.9	0.97	33.8	1.11	36.0	1.18	38.3	1.26	43.1	1.42	47.6	1.58
	70	24.3	0.85	28.9	0.98	33.8	1.13	36.0	1.22	38.3	1.29	43.1	1.46	47.6	1.63
	75	24.3	0.86	28.9	1.00	33.8	1.16	36.0	1.23	38.3	1.32	43.1	1.48	47.6	1.67
	80	24.3	0.88	28.9	1.06	33.8	1.24	36.0	1.34	38.3	1.44	43.1	1.66	47.6	1.89
	85	24.3	0.94	28.9	1.12	33.8	1.32	36.0	1.43	38.3	1.53	43.1	1.77	47.6	2.02
	90	24.3	1.05	28.9	1.25	33.8	1.48	36.0	1.60	38.3	1.73	43.1	1.99	47.6	2.29
	95	24.3	1.11	28.9	1.33	33.8	1.57	**36.0**	**1.70**	38.3	1.83	43.1	2.12	47.6	2.43
	100	24.3	1.17	28.9	1.40	33.8	1.66	36.0	1.80	38.3	1.94	43.1	2.25	47.6	2.58
	105	24.3	1.28	28.9	1.55	33.8	1.84	36.0	1.99	38.3	2.15	43.1	2.50	47.6	2.87
	110	24.3	1.41	28.9	1.71	33.8	2.03	36.0	2.21	38.3	2.39	43.1	2.79	47.6	3.20
	115	24.3	1.51	28.9	1.83	33.8	2.19	36.0	2.38	38.3	2.58	43.1	3.00	47.6	3.45
	118	24.3	1.63	28.9	1.99	33.8	2.37	36.0	2.58	38.3	2.81	43.1	3.15	47.6	3.55
	122	24.3	1.80	28.9	2.20	33.8	2.63	36.0	2.87	38.3	2.76	40.5	2.39	40.2	2.70

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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PERFORMANCE DATA

ARUN096BTE4, ARUN096DTE4 / ARUB096BTE4, ARUB096DTE4 Cooling Capacity

96,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
130%	-9.9	87.3	1.84	103.7	2.24	120.5	2.66	125.0	2.87	126.7	3.09	131.1	3.55	134.3	3.66
	-5	87.3	1.95	103.7	2.36	120.5	2.80	125.0	3.03	126.7	3.26	131.1	3.74	134.3	3.87
	0	87.3	2.02	103.7	2.46	120.5	2.92	125.0	3.15	126.7	3.39	131.1	3.89	134.3	4.02
	5	87.3	2.10	103.7	2.55	120.5	3.02	125.0	3.26	126.7	3.52	131.1	4.03	134.3	4.17
	10	87.3	2.16	103.7	2.62	120.5	3.11	125.0	3.36	126.7	3.62	131.1	4.15	134.3	4.29
	14	87.3	2.24	103.7	2.71	120.5	3.22	125.0	3.48	126.7	3.75	131.1	4.30	134.3	4.44
	20	87.3	2.28	103.7	2.76	120.5	3.27	125.0	3.53	126.7	3.80	131.1	4.36	134.3	4.51
	25	87.3	2.31	103.7	2.79	120.5	3.31	125.0	3.57	126.7	3.85	131.1	4.41	134.3	4.56
	30	87.3	2.34	103.7	2.83	120.5	3.35	125.0	3.62	126.7	3.89	131.1	4.46	134.3	4.61
	35	87.3	2.36	103.7	2.87	120.5	3.39	125.0	3.66	126.7	3.94	131.1	4.51	134.3	4.67
	40	87.3	2.40	103.7	2.90	120.5	3.43	125.0	3.71	126.7	3.98	131.1	4.57	134.3	4.72
	45	87.3	2.42	103.7	2.93	120.5	3.47	125.0	3.74	126.7	4.02	131.1	4.61	134.3	4.77
	50	87.3	2.44	103.7	2.96	120.5	3.50	125.0	3.78	126.7	4.06	131.1	4.66	134.3	4.82
	55	87.3	2.48	103.7	3.01	120.5	3.57	123.2	3.86	125.0	4.15	129.3	4.74	132.5	4.85
	60	87.3	2.57	103.7	3.12	118.8	3.71	120.5	4.01	121.9	4.31	126.2	4.89	129.3	4.91
	65	87.3	2.62	103.7	3.19	117.0	3.78	118.8	4.09	120.1	4.39	124.4	5.05	127.6	5.09
	70	87.3	2.52	103.7	3.06	114.8	3.77	116.1	4.15	117.9	4.55	122.2	5.05	125.3	5.10
	75	87.3	2.58	103.7	3.26	113.0	4.03	114.3	4.45	116.1	4.88	120.4	5.29	123.5	5.33
	80	87.3	2.94	103.7	3.72	109.9	4.61	111.2	5.09	113.0	5.60	117.3	5.75	120.4	5.80
	85	87.3	3.13	103.7	3.97	108.1	4.93	109.9	5.43	111.2	5.94	115.5	5.99	118.6	6.04
	90	87.3	3.54	101.9	4.51	105.0	5.60	106.4	6.19	108.1	6.40	112.3	6.45	115.5	6.52
	95	88.2	3.76	101.2	4.80	104.4	5.97	**106.1**	**6.60**	107.5	6.63	111.7	6.69	114.9	6.76
	100	88.2	4.07	99.4	5.19	102.6	6.48	104.4	6.95	105.7	6.99	110.4	7.05	113.5	7.12
	105	88.2	4.58	96.8	5.88	99.9	7.30	101.4	7.47	103.0	7.51	106.5	7.58	108.1	7.65
	110	88.2	5.15	92.7	6.62	96.6	7.97	96.9	8.01	98.4	8.03	100.4	8.11	100.8	8.19
	115	87.8	5.95	89.4	7.62	89.4	8.40	89.4	8.40	89.4	8.40	90.7	8.41	91.1	8.43
	118	76.3	5.05	77.7	6.45	77.8	7.06	77.8	7.13	77.8	7.13	78.9	7.14	78.6	7.15
	122	61.0	3.83	62.3	4.91	62.0	5.38	62.2	5.39	62.3	5.40	63.4	5.41	63.3	5.43
120%	-9.9	79.4	1.74	94.8	2.11	110.2	2.49	118.1	2.69	123.3	2.90	128.9	3.33	131.6	3.44
	-5	79.4	1.83	94.8	2.22	110.2	2.63	118.1	2.84	123.3	3.06	128.9	3.51	131.6	3.63
	0	79.4	1.91	94.8	2.31	110.2	2.74	118.1	2.95	123.3	3.18	128.9	3.65	131.6	3.77
	5	79.4	1.98	94.8	2.40	110.2	2.84	118.1	3.06	123.3	3.30	128.9	3.78	131.6	3.91
	10	79.4	2.03	94.8	2.47	110.2	2.92	118.1	3.15	123.3	3.40	128.9	3.89	131.6	4.02
	14	79.4	2.11	94.8	2.56	110.2	3.03	118.1	3.26	123.3	3.52	128.9	4.03	131.6	4.17
	20	79.4	2.14	94.8	2.59	110.2	3.07	118.1	3.31	123.3	3.57	128.9	4.09	131.6	4.23
	25	79.4	2.17	94.8	2.63	110.2	3.11	118.1	3.35	123.3	3.61	128.9	4.14	131.6	4.28
	30	79.4	2.20	94.8	2.66	110.2	3.14	118.1	3.40	123.3	3.65	128.9	4.19	131.6	4.33
	35	79.4	2.22	94.8	2.69	110.2	3.18	118.1	3.44	123.3	3.70	128.9	4.24	131.6	4.38
	40	79.4	2.25	94.8	2.72	110.2	3.22	118.1	3.48	123.3	3.74	128.9	4.29	131.6	4.44
	45	79.4	2.28	94.8	2.75	110.2	3.26	118.1	3.52	123.3	3.79	128.9	4.34	131.6	4.49
	50	79.4	2.30	94.8	2.79	110.2	3.29	118.1	3.56	123.3	3.83	128.9	4.39	131.6	4.54
	55	79.4	2.34	94.8	2.84	110.2	3.36	118.1	3.64	122.0	3.90	127.1	4.46	130.3	4.57
	60	79.4	2.42	94.8	2.94	110.2	3.50	117.2	3.78	118.5	4.06	124.0	4.60	126.7	4.68
	65	79.4	2.47	94.8	3.00	110.2	3.56	115.4	3.85	117.2	4.13	122.2	4.76	125.3	4.79
	70	79.4	2.42	94.8	2.94	110.2	3.62	113.2	3.98	114.6	4.37	120.0	4.85	122.7	4.90
	75	79.4	2.48	94.8	3.13	110.2	3.87	111.5	4.27	113.2	4.68	118.2	5.08	121.3	5.12
	80	79.4	2.82	94.8	3.57	107.1	4.43	108.4	4.89	109.7	5.37	115.1	5.52	117.7	5.57
	85	79.4	3.00	94.8	3.81	105.3	4.73	106.7	5.21	108.4	5.70	113.3	5.75	116.4	5.80
	90	79.4	3.40	94.8	4.33	102.3	5.37	103.6	5.94	104.9	6.15	110.1	6.20	112.8	6.26
	95	80.3	3.61	95.8	4.61	101.6	5.74	**102.9**	**6.34**	104.7	6.36	109.5	6.42	112.6	6.49
	100	80.3	3.90	95.8	4.99	99.8	6.22	101.6	6.67	102.9	6.71	108.1	6.77	110.8	6.83
	105	80.3	4.40	94.3	5.64	97.1	7.02	98.7	7.17	100.0	7.21	105.0	7.28	106.7	7.34
	110	80.3	4.94	91.9	6.36	94.9	7.65	95.1	7.69	96.6	7.71	99.6	7.79	99.9	7.86
	115	78.1	5.72	88.5	7.31	88.5	8.06	88.5	8.06	88.5	8.06	90.7	8.08	91.1	8.09
	118	69.7	5.05	77.0	6.20	77.1	6.78	77.1	6.84	77.1	6.84	79.0	6.85	78.6	6.87
	122	55.7	3.83	61.7	4.71	61.4	5.16	61.6	5.17	61.7	5.18	63.4	5.20	63.3	5.22

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Cooling Capacity ARUN096BTE4, ARUN096DTE4 / ARUB096BTE4, ARUB096DTE4

96,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
110%	-9.9	73.6	1.60	87.8	1.93	102.0	2.29	109.1	2.48	116.2	2.66	128.0	3.03	130.7	3.15
	-5	73.6	1.69	87.8	2.04	102.0	2.41	109.1	2.62	116.2	2.80	128.0	3.20	130.7	3.32
	0	73.6	1.76	87.8	2.12	102.0	2.51	109.1	2.72	116.2	2.92	128.0	3.33	130.7	3.45
	5	73.6	1.82	87.8	2.20	102.0	2.60	109.1	2.82	116.2	3.02	128.0	3.45	130.7	3.58
	10	73.6	1.87	87.8	2.26	102.0	2.68	109.1	2.90	116.2	3.11	128.0	3.55	130.7	3.68
	14	73.6	1.94	87.8	2.34	102.0	2.77	109.1	3.01	116.2	3.22	128.0	3.68	130.7	3.81
	20	73.6	1.97	87.8	2.38	102.0	2.82	109.1	3.05	116.2	3.27	128.0	3.74	130.7	3.87
	25	73.6	1.99	87.8	2.41	102.0	2.85	109.1	3.08	116.2	3.31	128.0	3.79	130.7	3.92
	30	73.6	2.02	87.8	2.44	102.0	2.89	109.1	3.12	116.2	3.35	128.0	3.84	130.7	3.97
	35	73.6	2.05	87.8	2.47	102.0	2.93	109.1	3.16	116.2	3.40	128.0	3.90	130.7	4.04
	40	73.6	2.07	87.8	2.51	102.0	2.97	109.1	3.21	116.2	3.45	128.0	3.95	130.7	4.09
	45	73.6	2.11	87.8	2.55	102.0	3.02	109.1	3.26	116.2	3.51	128.0	4.02	130.7	4.16
	50	73.6	2.14	87.8	2.59	102.0	3.07	109.1	3.32	116.2	3.56	128.0	4.09	130.7	4.22
	55	73.6	2.18	87.8	2.64	102.0	3.13	109.1	3.39	116.2	3.64	126.2	4.16	128.9	4.26
	60	73.6	2.25	87.8	2.74	102.0	3.26	109.1	3.52	116.2	3.78	123.1	4.29	125.8	4.33
	65	73.6	2.30	87.8	2.79	102.0	3.32	109.1	3.59	116.2	3.85	121.2	4.43	124.0	4.46
	70	73.6	2.32	87.8	2.82	102.0	3.47	109.1	3.82	114.0	4.19	119.0	4.65	121.7	4.70
	75	73.6	2.38	87.8	3.00	102.0	3.71	109.1	4.10	112.2	4.49	117.2	4.87	119.9	4.91
	80	72.9	2.70	86.9	3.42	101.0	4.25	106.7	4.69	108.0	5.15	112.8	5.29	115.5	5.34
	85	72.9	2.88	86.9	3.65	101.0	4.54	104.9	5.00	106.2	5.46	111.0	5.51	113.7	5.56
	90	72.9	3.26	86.9	4.15	100.5	5.15	101.8	5.70	103.2	5.89	107.9	5.94	110.6	6.00
	95	72.9	3.46	86.9	4.42	98.8	5.50	**100.1**	**6.08**	101.4	6.10	106.1	6.16	108.8	6.22
	100	72.9	3.74	86.9	4.78	97.5	5.96	98.8	6.40	100.1	6.43	104.8	6.49	107.5	6.55
	105	72.9	4.22	86.9	5.41	94.4	6.73	95.7	6.88	97.0	6.92	101.7	6.98	104.3	7.05
	110	72.9	4.74	86.9	6.10	91.5	7.33	91.8	7.37	93.1	7.39	96.0	7.47	96.4	7.54
	115	72.9	5.48	86.9	7.01	87.6	7.73	87.6	7.73	88.0	7.73	89.8	7.75	90.2	7.76
	118	70.4	4.99	75.6	5.94	76.3	6.50	76.3	6.56	76.6	6.56	78.2	6.57	77.8	6.58
	122	56.3	3.79	60.6	4.52	60.8	4.95	60.9	4.96	61.4	4.97	62.8	4.98	62.6	5.00
100%	-9.9	64.7	1.41	77.1	1.70	89.6	2.01	96.0	2.19	105.5	2.37	118.3	2.74	124.9	2.85
	-5	64.7	1.49	77.1	1.79	89.6	2.12	96.0	2.31	105.5	2.51	118.3	2.89	124.9	3.01
	0	64.7	1.55	77.1	1.86	89.6	2.21	96.0	2.41	105.5	2.61	118.3	3.01	124.9	3.13
	5	64.7	1.60	77.1	1.93	89.6	2.29	96.0	2.50	105.5	2.70	118.3	3.12	124.9	3.24
	10	64.7	1.65	77.1	1.99	89.6	2.36	96.0	2.57	105.5	2.78	118.3	3.21	124.9	3.34
	14	64.7	1.71	77.1	2.06	89.6	2.44	96.0	2.66	105.5	2.88	118.3	3.32	124.9	3.46
	20	64.7	1.76	77.1	2.13	89.6	2.52	96.0	2.74	105.5	2.97	118.3	3.42	124.9	3.56
	25	64.7	1.81	77.1	2.18	89.6	2.58	96.0	2.80	105.5	3.05	118.3	3.50	124.9	3.64
	30	64.7	1.85	77.1	2.24	89.6	2.65	96.0	2.86	105.5	3.12	118.3	3.58	124.9	3.72
	35	64.7	1.88	77.1	2.28	89.6	2.69	96.0	2.91	105.5	3.17	118.3	3.64	124.9	3.78
	40	64.7	1.91	77.1	2.31	89.6	2.73	96.0	2.95	105.5	3.22	118.3	3.70	124.9	3.84
	45	64.7	1.95	77.1	2.36	89.6	2.79	96.0	3.02	105.5	3.29	118.3	3.77	124.9	3.92
	50	64.7	1.99	77.1	2.41	89.6	2.85	96.0	3.08	105.5	3.36	118.3	3.85	124.9	4.00
	55	64.7	2.02	77.1	2.45	89.6	2.90	96.0	3.14	105.5	3.43	118.3	3.92	123.6	4.06
	60	64.7	2.09	77.1	2.54	89.6	3.02	96.0	3.26	105.5	3.56	117.9	4.04	120.1	4.13
	65	64.7	2.13	77.1	2.59	89.6	3.08	96.0	3.33	105.5	3.63	116.1	4.17	118.7	4.26
	70	64.7	2.20	77.1	2.67	89.6	3.29	96.0	3.62	105.5	4.03	113.9	4.47	116.1	4.55
	75	64.7	2.25	77.1	2.85	89.6	3.52	96.0	3.88	105.5	4.32	112.1	4.69	114.8	4.74
	80	64.7	2.56	77.1	3.24	89.6	4.02	96.0	4.44	105.5	4.95	109.0	5.09	111.2	5.16
	85	64.7	2.73	77.1	3.46	89.6	4.30	96.0	4.74	105.1	5.26	107.3	5.30	109.9	5.37
	90	64.7	3.09	77.1	3.94	89.6	4.88	96.0	5.40	101.5	5.67	104.2	5.71	106.4	5.80
	95	64.7	3.28	77.1	4.19	89.6	5.21	**96.0**	**5.76**	100.2	5.87	102.4	5.92	105.1	6.01
	100	64.7	3.54	77.1	4.52	89.6	5.63	94.3	6.05	98.5	6.17	101.1	6.23	103.3	6.32
	105	64.7	3.97	77.1	5.09	89.1	6.34	91.7	6.48	95.5	6.61	98.0	6.67	100.4	6.76
	110	64.7	4.44	77.1	5.72	88.1	6.88	90.0	6.91	91.9	7.04	93.3	7.11	95.0	7.21
	115	64.7	5.10	77.1	6.53	83.8	7.20	86.4	7.20	88.6	7.31	89.4	7.32	89.8	7.37
	118	64.7	5.15	67.7	6.12	73.0	6.05	75.2	6.11	77.1	6.20	77.8	6.21	77.5	6.25
	122	55.4	4.66	54.3	4.66	58.2	4.61	60.1	4.62	61.8	4.69	62.5	4.71	62.4	4.75

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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LG

ARUN096BTE4, ARUN096DTE4 / ARUB096BTE4, ARUB096DTE4 Cooling Capacity

96,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
90%	-9.9	58.3	1.26	69.4	1.51	81.0	1.78	86.6	1.91	92.1	2.04	103.3	2.35	114.4	2.58
	-5	58.3	1.33	69.4	1.59	81.0	1.88	86.6	2.02	92.1	2.16	103.3	2.48	114.4	2.73
	0	58.3	1.38	69.4	1.65	81.0	1.95	86.6	2.10	92.1	2.24	103.3	2.58	114.4	2.84
	5	58.3	1.43	69.4	1.71	81.0	2.02	86.6	2.18	92.1	2.32	103.3	2.68	114.4	2.94
	10	58.3	1.47	69.4	1.76	81.0	2.08	86.6	2.24	92.1	2.39	103.3	2.75	114.4	3.02
	14	58.3	1.52	69.4	1.83	81.0	2.16	86.6	2.32	92.1	2.48	103.3	2.85	114.4	3.13
	20	58.3	1.58	69.4	1.89	81.0	2.24	86.6	2.41	92.1	2.58	103.3	2.96	114.4	3.25
	25	58.3	1.62	69.4	1.95	81.0	2.30	86.6	2.48	92.1	2.67	103.3	3.04	114.4	3.35
	30	58.3	1.67	69.4	2.01	81.0	2.37	86.6	2.56	92.1	2.75	103.3	3.13	114.4	3.45
	35	58.3	1.72	69.4	2.07	81.0	2.44	86.6	2.63	92.1	2.83	103.3	3.22	114.4	3.56
	40	58.3	1.77	69.4	2.13	81.0	2.52	86.6	2.71	92.1	2.92	103.3	3.32	114.4	3.66
	45	58.3	1.81	69.4	2.18	81.0	2.57	86.6	2.78	92.1	2.99	103.3	3.39	114.4	3.75
	50	58.3	1.85	69.4	2.23	81.0	2.63	86.6	2.84	92.1	3.06	103.3	3.47	114.4	3.83
	55	58.3	1.88	69.4	2.27	81.0	2.68	86.6	2.90	92.1	3.11	103.3	3.54	114.4	3.87
	60	58.3	1.95	69.4	2.36	81.0	2.78	86.6	3.01	92.1	3.24	103.3	3.67	113.5	3.91
	65	58.3	1.98	69.4	2.40	81.0	2.84	86.6	3.07	92.1	3.30	103.3	3.74	112.7	4.11
	70	58.3	2.04	69.4	2.47	81.0	2.94	86.6	3.24	92.1	3.54	103.3	4.18	110.6	4.41
	75	58.3	2.07	69.4	2.59	81.0	3.15	86.6	3.47	92.1	3.80	103.3	4.36	108.9	4.61
	80	58.3	2.32	69.4	2.93	81.0	3.59	86.6	3.96	92.1	4.34	103.3	4.81	105.9	5.01
	85	58.3	2.47	69.4	3.12	81.0	3.84	86.6	4.22	92.1	4.63	102.0	5.07	104.1	5.22
	90	58.3	2.79	69.4	3.54	81.0	4.36	86.6	4.81	92.1	5.28	99.0	5.55	101.1	5.63
	95	58.3	2.98	69.4	3.75	81.0	4.65	**86.6**	**5.13**	92.1	5.63	97.3	5.76	99.4	5.84
	100	58.3	3.07	69.4	3.91	81.0	4.84	86.6	5.33	92.1	5.75	96.0	6.01	97.7	6.07
	105	58.3	3.56	69.4	4.54	81.0	5.47	86.6	5.83	91.1	6.17	93.0	6.44	94.3	6.52
	110	58.3	4.09	69.4	5.23	81.0	6.00	86.6	6.30	87.4	6.69	88.6	6.92	89.3	6.99
	115	58.3	4.43	69.4	5.67	75.9	6.32	82.1	6.59	83.2	6.90	84.0	7.05	84.4	7.14
	118	58.3	4.70	67.7	6.12	66.0	5.32	71.5	5.59	72.5	5.86	73.2	5.99	72.9	6.06
	122	55.4	4.66	54.3	4.66	52.6	4.05	57.1	4.23	58.1	4.43	58.7	4.54	58.6	4.61
80%	-9.9	51.9	1.09	61.7	1.31	72.0	1.52	76.7	1.65	81.9	1.78	91.7	2.04	101.6	2.27
	-5	51.9	1.15	61.7	1.38	72.0	1.61	76.7	1.74	81.9	1.88	91.7	2.15	101.6	2.39
	0	51.9	1.19	61.7	1.44	72.0	1.67	76.7	1.81	81.9	1.96	91.7	2.23	101.6	2.49
	5	51.9	1.24	61.7	1.49	72.0	1.73	76.7	1.88	81.9	2.03	91.7	2.32	101.6	2.58
	10	51.9	1.27	61.7	1.53	72.0	1.78	76.7	1.93	81.9	2.09	91.7	2.38	101.6	2.65
	14	51.9	1.32	61.7	1.59	72.0	1.85	76.7	2.00	81.9	2.16	91.7	2.47	101.6	2.75
	20	51.9	1.37	61.7	1.65	72.0	1.92	76.7	2.08	81.9	2.24	91.7	2.56	101.6	2.86
	25	51.9	1.41	61.7	1.69	72.0	1.98	76.7	2.14	81.9	2.30	91.7	2.63	101.6	2.94
	30	51.9	1.45	61.7	1.74	72.0	2.04	76.7	2.21	81.9	2.36	91.7	2.71	101.6	3.03
	35	51.9	1.49	61.7	1.79	72.0	2.10	76.7	2.26	81.9	2.42	91.7	2.78	101.6	3.12
	40	51.9	1.53	61.7	1.84	72.0	2.16	76.7	2.33	81.9	2.49	91.7	2.86	101.6	3.20
	45	51.9	1.56	61.7	1.86	72.0	2.19	76.7	2.36	81.9	2.52	91.7	2.90	101.6	3.24
	50	51.9	1.58	61.7	1.89	72.0	2.22	76.7	2.39	81.9	2.56	91.7	2.94	101.6	3.29
	55	51.9	1.60	61.7	1.92	72.0	2.26	76.7	2.43	81.9	2.61	91.7	2.99	101.6	3.34
	60	51.9	1.66	61.7	1.98	72.0	2.34	76.7	2.52	81.9	2.71	91.7	3.10	101.6	3.48
	65	51.9	1.68	61.7	2.02	72.0	2.38	76.7	2.57	81.9	2.77	91.7	3.15	101.6	3.56
	70	51.9	1.73	61.7	2.08	72.0	2.46	76.7	2.65	81.9	2.88	91.7	3.40	101.6	3.94
	75	51.9	1.76	61.7	2.12	72.0	2.58	76.7	2.82	81.9	3.07	91.7	3.62	101.6	4.15
	80	51.9	1.93	61.7	2.41	72.0	2.94	76.7	3.21	81.9	3.50	91.7	4.16	101.6	4.64
	85	51.9	2.06	61.7	2.56	72.0	3.13	76.7	3.42	81.9	3.75	91.7	4.43	101.6	4.76
	90	51.9	2.31	61.7	2.90	72.0	3.54	76.7	3.89	81.9	4.26	91.7	4.87	99.9	5.04
	95	51.9	2.46	61.7	3.07	72.0	3.78	**76.7**	**4.13**	81.9	4.54	91.7	5.04	97.8	5.18
	100	51.9	2.65	61.7	3.31	72.0	4.07	76.7	4.42	81.9	4.72	91.7	5.25	95.6	5.35
	105	51.9	3.02	61.7	3.79	72.0	4.53	76.7	4.75	81.9	5.06	90.6	5.45	92.8	5.61
	110	51.9	3.42	61.7	4.32	72.0	4.81	76.7	5.07	81.9	5.45	87.4	5.66	87.9	5.90
	115	51.9	3.66	61.7	4.62	72.0	4.97	76.7	5.33	76.7	5.58	77.2	5.78	77.2	6.13
	118	51.9	3.89	61.7	4.91	66.0	5.32	67.4	5.06	66.8	4.73	67.2	4.91	66.6	5.20
	122	51.9	4.21	54.4	4.63	52.6	4.05	53.8	3.82	53.5	3.58	54.0	3.72	53.6	3.95

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Cooling Capacity ARUN096BTE4, ARUN096DTE4 / ARUB096BTE4, ARUB096DTE4

96,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
70%	-9.9	45.4	0.96	54.0	1.14	63.0	1.34	67.3	1.44	71.6	1.53	80.1	1.75	89.1	1.96
	-5	45.4	1.01	54.0	1.20	63.0	1.42	67.3	1.52	71.6	1.62	80.1	1.85	89.1	2.07
	0	45.4	1.05	54.0	1.25	63.0	1.47	67.3	1.58	71.6	1.68	80.1	1.93	89.1	2.16
	5	45.4	1.09	54.0	1.30	63.0	1.53	67.3	1.64	71.6	1.74	80.1	2.00	89.1	2.23
	10	45.4	1.12	54.0	1.34	63.0	1.57	67.3	1.68	71.6	1.79	80.1	2.05	89.1	2.30
	14	45.4	1.16	54.0	1.38	63.0	1.63	67.3	1.74	71.6	1.86	80.1	2.13	89.1	2.38
	20	45.4	1.20	54.0	1.43	63.0	1.68	67.3	1.80	71.6	1.92	80.1	2.20	89.1	2.46
	25	45.4	1.24	54.0	1.47	63.0	1.72	67.3	1.85	71.6	1.98	80.1	2.25	89.1	2.53
	30	45.4	1.27	54.0	1.51	63.0	1.76	67.3	1.90	71.6	2.03	80.1	2.31	89.1	2.60
	35	45.4	1.31	54.0	1.55	63.0	1.81	67.3	1.95	71.6	2.09	80.1	2.37	89.1	2.67
	40	45.4	1.34	54.0	1.59	63.0	1.86	67.3	2.00	71.6	2.14	80.1	2.43	89.1	2.73
	45	45.4	1.36	54.0	1.61	63.0	1.89	67.3	2.03	71.6	2.17	80.1	2.47	89.1	2.78
	50	45.4	1.38	54.0	1.64	63.0	1.92	67.3	2.06	71.6	2.21	80.1	2.51	89.1	2.82
	55	45.4	1.41	54.0	1.67	63.0	1.95	67.3	2.10	71.6	2.25	80.1	2.56	89.1	2.88
	60	45.4	1.45	54.0	1.73	63.0	2.02	67.3	2.18	71.6	2.33	80.1	2.66	89.1	2.99
	65	45.4	1.47	54.0	1.76	63.0	2.06	67.3	2.22	71.6	2.38	80.1	2.70	89.1	3.04
	70	45.4	1.51	54.0	1.81	63.0	2.12	67.3	2.28	71.6	2.45	80.1	2.80	89.1	3.23
	75	45.4	1.54	54.0	1.84	63.0	2.16	67.3	2.36	71.6	2.56	80.1	2.99	89.1	3.42
	80	45.4	1.66	54.0	2.03	63.0	2.46	67.3	2.68	71.6	2.90	80.1	3.31	89.1	3.80
	85	45.4	1.76	54.0	2.16	63.0	2.62	67.3	2.86	71.6	3.13	80.1	3.52	89.1	3.96
	90	45.4	1.98	54.0	2.44	63.0	2.96	67.3	3.23	71.6	3.54	80.1	3.93	89.1	4.29
	95	45.4	2.09	54.0	2.59	63.0	3.15	**67.3**	**3.45**	71.6	3.75	80.1	4.13	89.1	4.42
	100	45.4	2.26	54.0	2.80	63.0	3.40	67.3	3.72	71.6	3.86	80.1	4.33	89.1	4.55
	105	45.4	2.56	54.0	3.19	63.0	3.75	67.3	3.97	71.6	4.20	80.1	4.56	89.1	4.82
	110	45.4	2.88	54.0	3.62	63.0	3.97	67.3	4.21	71.6	4.55	80.1	4.75	86.6	5.18
	115	45.4	3.10	54.0	3.86	63.0	4.10	67.3	4.45	71.6	4.68	80.1	4.89	81.6	5.51
	118	45.4	3.29	54.0	4.10	63.0	4.36	67.3	4.71	65.1	4.68	67.2	4.15	66.6	4.68
	122	45.4	3.55	54.0	4.44	56.2	4.16	53.8	3.88	52.2	3.55	54.0	3.14	53.6	3.55
60%	-9.9	39.0	0.83	46.3	0.97	54.0	1.13	57.4	1.21	61.3	1.31	69.0	1.48	76.3	1.65
	-5	39.0	0.88	46.3	1.02	54.0	1.20	57.4	1.28	61.3	1.38	69.0	1.56	76.3	1.74
	0	39.0	0.91	46.3	1.06	54.0	1.24	57.4	1.33	61.3	1.43	69.0	1.62	76.3	1.81
	5	39.0	0.95	46.3	1.10	54.0	1.29	57.4	1.38	61.3	1.48	69.0	1.68	76.3	1.88
	10	39.0	0.97	46.3	1.13	54.0	1.33	57.4	1.42	61.3	1.53	69.0	1.73	76.3	1.93
	14	39.0	1.01	46.3	1.17	54.0	1.38	57.4	1.47	61.3	1.58	69.0	1.79	76.3	2.00
	20	39.0	1.04	46.3	1.21	54.0	1.42	57.4	1.52	61.3	1.63	69.0	1.85	76.3	2.07
	25	39.0	1.07	46.3	1.25	54.0	1.46	57.4	1.56	61.3	1.68	69.0	1.90	76.3	2.13
	30	39.0	1.09	46.3	1.29	54.0	1.49	57.4	1.61	61.3	1.72	69.0	1.95	76.3	2.19
	35	39.0	1.12	46.3	1.32	54.0	1.53	57.4	1.65	61.3	1.76	69.0	2.00	76.3	2.25
	40	39.0	1.15	46.3	1.35	54.0	1.57	57.4	1.69	61.3	1.81	69.0	2.05	76.3	2.30
	45	39.0	1.16	46.3	1.37	54.0	1.58	57.4	1.70	61.3	1.83	69.0	2.07	76.3	2.32
	50	39.0	1.17	46.3	1.38	54.0	1.60	57.4	1.72	61.3	1.84	69.0	2.09	76.3	2.34
	55	39.0	1.18	46.3	1.40	54.0	1.63	57.4	1.75	61.3	1.87	69.0	2.13	76.3	2.38
	60	39.0	1.22	46.3	1.45	54.0	1.69	57.4	1.82	61.3	1.94	69.0	2.20	76.3	2.48
	65	39.0	1.24	46.3	1.47	54.0	1.72	57.4	1.85	61.3	1.98	69.0	2.25	76.3	2.53
	70	39.0	1.27	46.3	1.51	54.0	1.77	57.4	1.90	61.3	2.03	69.0	2.31	76.3	2.62
	75	39.0	1.30	46.3	1.54	54.0	1.80	57.4	1.94	61.3	2.10	69.0	2.45	76.3	2.80
	80	39.0	1.38	46.3	1.68	54.0	2.02	57.4	2.20	61.3	2.38	69.0	2.74	76.3	3.16
	85	39.0	1.46	46.3	1.78	54.0	2.14	57.4	2.34	61.3	2.55	69.0	2.89	76.3	3.26
	90	39.0	1.64	46.3	2.02	54.0	2.42	57.4	2.65	61.3	2.87	69.0	3.23	76.3	3.56
	95	39.0	1.74	46.3	2.14	54.0	2.58	**57.4**	**2.82**	61.3	3.04	69.0	3.37	76.3	3.74
	100	39.0	1.86	46.3	2.30	54.0	2.78	57.4	3.04	61.3	3.17	69.0	3.58	76.3	3.90
	105	39.0	2.12	46.3	2.62	54.0	3.06	57.4	3.24	61.3	3.45	69.0	3.80	76.3	4.26
	110	39.0	2.38	46.3	2.97	54.0	3.31	57.4	3.44	61.3	3.73	69.0	4.07	76.3	4.64
	115	39.0	2.55	46.3	3.17	54.0	3.43	57.4	3.64	61.3	3.86	69.0	4.30	76.3	4.96
	118	39.0	2.70	46.3	3.36	54.0	3.65	57.4	3.87	61.3	4.11	67.2	4.15	66.6	4.68
	122	39.0	2.91	46.3	3.63	54.0	3.95	53.6	3.92	51.9	3.63	54.0	3.14	53.6	3.55

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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ARUN096BTE4, ARUN096DTE4 / ARUB096BTE4, ARUB096DTE4 Cooling Capacity

96,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
50%	-9.9	32.4	0.72	38.6	0.84	45.0	0.94	48.0	1.02	51.0	1.09	57.4	1.21	63.4	1.35
	-5	32.4	0.76	38.6	0.89	45.0	0.99	48.0	1.07	51.0	1.15	57.4	1.28	63.4	1.42
	0	32.4	0.79	38.6	0.92	45.0	1.03	48.0	1.11	51.0	1.20	57.4	1.33	63.4	1.48
	5	32.4	0.81	38.6	0.96	45.0	1.07	48.0	1.16	51.0	1.24	57.4	1.38	63.4	1.53
	10	32.4	0.84	38.6	0.99	45.0	1.10	48.0	1.19	51.0	1.28	57.4	1.42	63.4	1.57
	14	32.4	0.87	38.6	1.02	45.0	1.14	48.0	1.23	51.0	1.33	57.4	1.47	63.4	1.63
	20	32.4	0.90	38.6	1.05	45.0	1.19	48.0	1.28	51.0	1.37	57.4	1.52	63.4	1.69
	25	32.4	0.93	38.6	1.08	45.0	1.23	48.0	1.31	51.0	1.41	57.4	1.57	63.4	1.75
	30	32.4	0.95	38.6	1.11	45.0	1.27	48.0	1.35	51.0	1.44	57.4	1.61	63.4	1.80
	35	32.4	0.98	38.6	1.13	45.0	1.30	48.0	1.39	51.0	1.48	57.4	1.66	63.4	1.84
	40	32.4	1.00	38.6	1.16	45.0	1.34	48.0	1.42	51.0	1.52	57.4	1.70	63.4	1.89
	45	32.4	1.02	38.6	1.18	45.0	1.35	48.0	1.44	51.0	1.54	57.4	1.72	63.4	1.92
	50	32.4	1.03	38.6	1.20	45.0	1.37	48.0	1.46	51.0	1.56	57.4	1.75	63.4	1.95
	55	32.4	1.06	38.6	1.22	45.0	1.40	48.0	1.48	51.0	1.58	57.4	1.78	63.4	1.98
	60	32.4	1.08	38.6	1.25	45.0	1.44	48.0	1.54	51.0	1.64	57.4	1.84	63.4	2.06
	65	32.4	1.09	38.6	1.28	45.0	1.46	48.0	1.56	51.0	1.66	57.4	1.87	63.4	2.09
	70	32.4	1.12	38.6	1.30	45.0	1.49	48.0	1.60	51.0	1.70	57.4	1.92	63.4	2.15
	75	32.4	1.13	38.6	1.32	45.0	1.53	48.0	1.63	51.0	1.74	57.4	1.96	63.4	2.20
	80	32.4	1.17	38.6	1.40	45.0	1.64	48.0	1.77	51.0	1.90	57.4	2.19	63.4	2.50
	85	32.4	1.24	38.6	1.47	45.0	1.74	48.0	1.88	51.0	2.02	57.4	2.33	63.4	2.66
	90	32.4	1.39	38.6	1.65	45.0	1.96	48.0	2.11	51.0	2.28	57.4	2.63	63.4	3.01
	95	32.4	1.46	38.6	1.75	45.0	2.07	**48.0**	**2.24**	51.0	2.42	57.4	2.79	63.4	3.20
	100	32.4	1.54	38.6	1.85	45.0	2.19	48.0	2.37	51.0	2.56	57.4	2.97	63.4	3.40
	105	32.4	1.68	38.6	2.04	45.0	2.42	48.0	2.62	51.0	2.83	57.4	3.29	63.4	3.78
	110	32.4	1.86	38.6	2.25	45.0	2.68	48.0	2.91	51.0	3.15	57.4	3.67	63.4	4.22
	115	32.4	1.99	38.6	2.42	45.0	2.88	48.0	3.13	51.0	3.40	57.4	3.96	63.4	4.55
	118	32.4	2.15	38.6	2.62	45.0	3.13	48.0	3.41	51.0	3.70	57.4	4.15	63.4	4.68
	122	32.4	2.37	38.6	2.90	45.0	3.46	48.0	3.78	51.0	3.63	54.0	3.14	53.6	3.55

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Cooling Capacity ARUN121BTE4, ARUN121DTE4 / ARUB121BTE4, ARUB121DTE4

121,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
130%	-9.9	109.1	2.51	129.6	3.04	150.7	3.61	156.2	3.90	158.4	4.20	163.9	4.82	167.8	4.98
	-5	109.1	2.65	129.6	3.21	150.7	3.81	156.2	4.11	158.4	4.44	163.9	5.09	167.8	5.25
	0	109.1	2.75	129.6	3.34	150.7	3.96	156.2	4.28	158.4	4.61	163.9	5.29	167.8	5.47
	5	109.1	2.85	129.6	3.46	150.7	4.11	156.2	4.43	158.4	4.78	163.9	5.48	167.8	5.66
	10	109.1	2.93	129.6	3.56	150.7	4.23	156.2	4.56	158.4	4.92	163.9	5.64	167.8	5.83
	14	109.1	3.04	129.6	3.69	150.7	4.38	156.2	4.73	158.4	5.10	163.9	5.85	167.8	6.04
	20	109.1	3.09	129.6	3.75	150.7	4.44	156.2	4.80	158.4	5.17	163.9	5.93	167.8	6.13
	25	109.1	3.14	129.6	3.80	150.7	4.50	156.2	4.86	158.4	5.23	163.9	5.99	167.8	6.20
	30	109.1	3.18	129.6	3.85	150.7	4.55	156.2	4.92	158.4	5.29	163.9	6.06	167.8	6.27
	35	109.1	3.21	129.6	3.90	150.7	4.60	156.2	4.97	158.4	5.35	163.9	6.13	167.8	6.35
	40	109.1	3.26	129.6	3.94	150.7	4.66	156.2	5.04	158.4	5.41	163.9	6.21	167.8	6.42
	45	109.1	3.29	129.6	3.98	150.7	4.71	156.2	5.09	158.4	5.47	163.9	6.27	167.8	6.49
	50	109.1	3.32	129.6	4.02	150.7	4.75	156.2	5.14	158.4	5.53	163.9	6.33	167.8	6.55
	55	109.1	3.38	129.6	4.09	150.7	4.85	154.0	5.25	156.2	5.64	161.7	6.44	165.6	6.60
	60	109.1	3.49	129.6	4.24	148.5	5.05	150.6	5.45	152.3	5.86	157.8	6.65	161.7	6.67
	65	109.1	3.56	129.6	4.33	146.2	5.14	148.5	5.56	150.1	5.97	155.5	6.87	159.4	6.92
	70	109.1	3.43	129.6	4.16	143.5	5.12	145.1	5.64	147.3	6.19	152.7	6.87	156.7	6.94
	75	109.1	3.51	129.6	4.44	141.3	5.48	142.9	6.05	145.1	6.63	150.5	7.20	154.4	7.25
	80	109.1	3.99	129.6	5.05	137.4	6.27	139.0	6.92	141.3	7.61	146.6	7.81	150.5	7.88
	85	109.1	4.25	129.6	5.40	135.2	6.70	137.4	7.38	139.0	8.07	144.3	8.14	148.3	8.21
	90	109.1	4.81	127.4	6.13	131.3	7.61	132.9	8.41	135.2	8.70	140.4	8.77	144.3	8.86
	95	110.3	5.11	126.5	6.53	130.4	8.12	**132.7**	**8.98**	134.4	9.01	139.7	9.10	143.6	9.18
	100	110.3	5.53	124.3	7.06	128.2	8.80	130.4	9.45	132.1	9.50	138.0	9.59	141.9	9.68
	105	110.3	6.23	121.0	7.99	124.8	9.93	126.8	10.16	128.7	10.21	133.2	10.31	135.1	10.41
	110	110.3	7.00	115.9	9.00	120.8	10.83	121.2	10.88	122.9	10.92	125.5	11.03	126.0	11.13
	115	109.7	8.09	111.7	10.35	111.7	11.42	111.7	11.42	111.7	11.42	113.3	11.44	113.8	11.46
	118	95.4	6.86	97.1	8.77	97.3	9.60	97.3	9.69	97.3	9.69	98.7	9.71	98.3	9.72
	122	76.2	5.20	77.9	6.67	77.5	7.31	77.7	7.33	77.9	7.34	79.2	7.36	79.1	7.39
120%	-9.9	99.3	2.36	118.5	2.86	137.7	3.39	147.6	3.66	154.2	3.94	161.2	4.52	164.5	4.67
	-5	99.3	2.49	118.5	3.02	137.7	3.58	147.6	3.86	154.2	4.16	161.2	4.77	164.5	4.93
	0	99.3	2.59	118.5	3.14	137.7	3.72	147.6	4.01	154.2	4.33	161.2	4.96	164.5	5.13
	5	99.3	2.69	118.5	3.26	137.7	3.86	147.6	4.16	154.2	4.49	161.2	5.14	164.5	5.32
	10	99.3	2.77	118.5	3.35	137.7	3.97	147.6	4.28	154.2	4.62	161.2	5.29	164.5	5.47
	14	99.3	2.87	118.5	3.47	137.7	4.11	147.6	4.44	154.2	4.78	161.2	5.48	164.5	5.67
	20	99.3	2.91	118.5	3.53	137.7	4.17	147.6	4.50	154.2	4.85	161.2	5.56	164.5	5.75
	25	99.3	2.95	118.5	3.57	137.7	4.22	147.6	4.56	154.2	4.91	161.2	5.63	164.5	5.82
	30	99.3	2.99	118.5	3.61	137.7	4.27	147.6	4.62	154.2	4.96	161.2	5.69	164.5	5.89
	35	99.3	3.02	118.5	3.65	137.7	4.32	147.6	4.68	154.2	5.02	161.2	5.76	164.5	5.96
	40	99.3	3.06	118.5	3.70	137.7	4.38	147.6	4.73	154.2	5.09	161.2	5.83	164.5	6.04
	45	99.3	3.10	118.5	3.74	137.7	4.43	147.6	4.79	154.2	5.15	161.2	5.90	164.5	6.11
	50	99.3	3.13	118.5	3.79	137.7	4.48	147.6	4.84	154.2	5.20	161.2	5.96	164.5	6.17
	55	99.3	3.18	118.5	3.86	137.7	4.56	147.6	4.94	152.5	5.31	158.9	6.07	162.8	6.22
	60	99.3	3.28	118.5	3.99	137.7	4.75	146.5	5.13	148.1	5.51	155.0	6.26	158.4	6.37
	65	99.3	3.35	118.5	4.08	137.7	4.84	144.3	5.24	146.5	5.62	152.8	6.47	156.7	6.52
	70	99.3	3.29	118.5	4.00	137.7	4.92	141.5	5.41	143.2	5.94	150.0	6.60	153.3	6.66
	75	99.3	3.37	118.5	4.26	137.7	5.26	139.4	5.81	141.5	6.37	147.7	6.91	151.7	6.96
	80	99.3	3.83	118.5	4.85	133.9	6.02	135.5	6.65	137.2	7.30	143.8	7.50	147.2	7.57
	85	99.3	4.08	118.5	5.18	131.7	6.43	133.3	7.09	135.5	7.75	141.6	7.81	145.5	7.88
	90	99.3	4.62	118.5	5.89	127.8	7.30	129.5	8.08	131.1	8.36	137.7	8.42	141.0	8.50
	95	100.3	4.90	119.8	6.27	127.0	7.80	**128.6**	**8.62**	130.8	8.65	136.8	8.73	140.8	8.82
	100	100.3	5.31	119.8	6.78	124.7	8.45	127.0	9.07	128.6	9.12	135.2	9.21	138.5	9.29
	105	100.3	5.98	117.8	7.67	121.4	9.54	123.4	9.75	125.0	9.81	131.2	9.89	133.4	9.98
	110	100.3	6.72	114.8	8.64	118.6	10.40	118.9	10.45	120.7	10.48	124.4	10.59	124.9	10.69
	115	97.6	7.77	110.6	9.94	110.6	10.96	110.6	10.96	110.6	10.96	113.4	10.98	113.9	11.00
	118	87.1	6.86	96.2	8.42	96.3	9.22	96.3	9.30	96.3	9.30	98.7	9.32	98.3	9.33
	122	69.6	5.20	77.2	6.40	76.8	7.02	77.0	7.03	77.2	7.04	79.3	7.06	79.1	7.09

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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PERFORMANCE DATA

ARUN121BTE4, ARUN121DTE4 / ARUB121BTE4, ARUB121DTE4 Cooling Capacity

121,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
110%	-9.9	92.0	2.18	109.8	2.62	127.5	3.11	136.4	3.37	145.3	3.61	160.0	4.12	163.4	4.28
	-5	92.0	2.30	109.8	2.77	127.5	3.28	136.4	3.56	145.3	3.81	160.0	4.35	163.4	4.51
	0	92.0	2.39	109.8	2.88	127.5	3.41	136.4	3.70	145.3	3.97	160.0	4.52	163.4	4.69
	5	92.0	2.47	109.8	2.99	127.5	3.54	136.4	3.84	145.3	4.11	160.0	4.69	163.4	4.86
	10	92.0	2.55	109.8	3.07	127.5	3.64	136.4	3.95	145.3	4.23	160.0	4.82	163.4	5.00
	14	92.0	2.64	109.8	3.18	127.5	3.77	136.4	4.09	145.3	4.38	160.0	5.00	163.4	5.19
	20	92.0	2.68	109.8	3.23	127.5	3.83	136.4	4.15	145.3	4.45	160.0	5.08	163.4	5.27
	25	92.0	2.71	109.8	3.28	127.5	3.88	136.4	4.19	145.3	4.50	160.0	5.15	163.4	5.33
	30	92.0	2.74	109.8	3.32	127.5	3.92	136.4	4.24	145.3	4.56	160.0	5.23	163.4	5.40
	35	92.0	2.78	109.8	3.36	127.5	3.98	136.4	4.30	145.3	4.63	160.0	5.30	163.4	5.49
	40	92.0	2.82	109.8	3.41	127.5	4.04	136.4	4.36	145.3	4.69	160.0	5.38	163.4	5.56
	45	92.0	2.87	109.8	3.47	127.5	4.10	136.4	4.43	145.3	4.77	160.0	5.46	163.4	5.65
	50	92.0	2.91	109.8	3.53	127.5	4.17	136.4	4.51	145.3	4.85	160.0	5.55	163.4	5.74
	55	92.0	2.96	109.8	3.59	127.5	4.25	136.4	4.60	145.3	4.94	157.8	5.65	161.2	5.79
	60	92.0	3.06	109.8	3.72	127.5	4.43	136.4	4.78	145.3	5.13	153.8	5.83	157.2	5.88
	65	92.0	3.12	109.8	3.80	127.5	4.51	136.4	4.88	145.3	5.23	151.6	6.02	154.9	6.07
	70	92.0	3.15	109.8	3.83	127.5	4.72	136.4	5.19	142.5	5.69	148.7	6.32	152.1	6.39
	75	92.0	3.23	109.8	4.08	127.5	5.05	136.4	5.57	140.3	6.10	146.5	6.62	149.9	6.67
	80	91.1	3.67	108.7	4.65	126.2	5.77	133.3	6.37	135.0	7.00	141.0	7.19	144.4	7.25
	85	91.1	3.91	108.7	4.97	126.2	6.17	131.1	6.80	132.8	7.43	138.8	7.49	142.2	7.55
	90	91.1	4.43	108.7	5.65	125.7	7.00	127.3	7.74	129.0	8.01	134.9	8.07	138.3	8.15
	95	91.1	4.70	108.7	6.01	123.5	7.48	**125.1**	**8.26**	126.8	8.30	132.7	8.37	136.0	8.45
	100	91.1	5.09	108.7	6.50	121.8	8.10	123.5	8.70	125.1	8.75	131.0	8.83	134.3	8.91
	105	91.1	5.73	108.7	7.35	118.0	9.14	119.7	9.36	121.3	9.40	127.1	9.49	130.4	9.58
	110	91.1	6.44	108.7	8.29	114.4	9.97	114.7	10.02	116.4	10.05	120.0	10.15	120.5	10.25
	115	91.1	7.45	108.7	9.53	109.5	10.51	109.5	10.51	110.0	10.51	112.2	10.53	112.7	10.55
	118	88.0	6.79	94.5	8.08	95.3	8.84	95.3	8.92	95.8	8.92	97.7	8.93	97.3	8.95
	122	70.3	5.15	75.8	6.14	76.0	6.73	76.2	6.74	76.7	6.75	78.4	6.77	78.3	6.80
100%	-9.9	80.9	1.91	96.4	2.31	112.0	2.74	120.0	2.98	131.9	3.23	147.9	3.72	156.2	3.88
	-5	80.9	2.02	96.4	2.44	112.0	2.89	120.0	3.15	131.9	3.41	147.9	3.93	156.2	4.09
	0	80.9	2.10	96.4	2.53	112.0	3.00	120.0	3.27	131.9	3.54	147.9	4.09	156.2	4.26
	5	80.9	2.18	96.4	2.63	112.0	3.11	120.0	3.39	131.9	3.67	147.9	4.24	156.2	4.41
	10	80.9	2.24	96.4	2.70	112.0	3.20	120.0	3.49	131.9	3.78	147.9	4.36	156.2	4.54
	14	80.9	2.32	96.4	2.80	112.0	3.32	120.0	3.62	131.9	3.91	147.9	4.52	156.2	4.70
	20	80.9	2.39	96.4	2.89	112.0	3.42	120.0	3.72	131.9	4.04	147.9	4.65	156.2	4.84
	25	80.9	2.45	96.4	2.97	112.0	3.51	120.0	3.81	131.9	4.14	147.9	4.76	156.2	4.95
	30	80.9	2.52	96.4	3.04	112.0	3.60	120.0	3.89	131.9	4.25	147.9	4.87	156.2	5.06
	35	80.9	2.55	96.4	3.09	112.0	3.66	120.0	3.95	131.9	4.31	147.9	4.95	156.2	5.14
	40	80.9	2.60	96.4	3.14	112.0	3.72	120.0	4.02	131.9	4.38	147.9	5.02	156.2	5.22
	45	80.9	2.65	96.4	3.21	112.0	3.79	120.0	4.10	131.9	4.47	147.9	5.13	156.2	5.33
	50	80.9	2.70	96.4	3.27	112.0	3.87	120.0	4.18	131.9	4.57	147.9	5.23	156.2	5.44
	55	80.9	2.75	96.4	3.33	112.0	3.94	120.0	4.27	131.9	4.66	147.9	5.32	154.5	5.52
	60	80.9	2.84	96.4	3.45	112.0	4.11	120.0	4.44	131.9	4.84	147.3	5.49	150.1	5.62
	65	80.9	2.90	96.4	3.53	112.0	4.18	120.0	4.53	131.9	4.93	145.1	5.67	148.4	5.79
	70	80.9	2.99	96.4	3.63	112.0	4.47	120.0	4.92	131.9	5.48	142.4	6.08	145.1	6.19
	75	80.9	3.06	96.4	3.87	112.0	4.78	120.0	5.27	131.9	5.87	140.2	6.37	143.5	6.45
	80	80.9	3.48	96.4	4.41	112.0	5.47	120.0	6.04	131.9	6.73	136.3	6.92	139.1	7.01
	85	80.9	3.71	96.4	4.71	112.0	5.84	120.0	6.44	131.3	7.14	134.1	7.20	137.4	7.30
	90	80.9	4.20	96.4	5.35	112.0	6.63	120.0	7.34	126.9	7.70	130.2	7.77	133.0	7.88
	95	80.9	4.45	96.4	5.69	112.0	7.08	**120.0**	**7.83**	125.3	7.98	128.0	8.05	131.3	8.17
	100	80.9	4.81	96.4	6.14	112.0	7.66	117.9	8.22	123.1	8.39	126.3	8.47	129.2	8.59
	105	80.9	5.40	96.4	6.92	111.4	8.61	114.6	8.81	119.4	8.99	122.5	9.07	125.5	9.19
	110	80.9	6.04	96.4	7.77	110.1	9.35	112.6	9.40	114.8	9.57	116.7	9.66	118.8	9.80
	115	80.9	6.94	96.4	8.88	104.8	9.79	108.0	9.79	110.7	9.93	111.7	9.95	112.2	10.02
	118	80.9	7.00	84.6	8.33	91.2	8.23	94.0	8.30	96.4	8.43	97.3	8.44	96.9	8.50
	122	69.2	6.34	67.8	6.33	72.7	6.27	75.1	6.28	77.2	6.38	78.1	6.40	78.0	6.46

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Cooling Capacity ARUN121BTE4, ARUN121DTE4 / ARUB121BTE4, ARUB121DTE4

121,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
90%	-9.9	72.9	1.71	86.8	2.05	101.3	2.42	108.2	2.60	115.2	2.78	129.1	3.20	143.0	3.51
	-5	72.9	1.80	86.8	2.16	101.3	2.55	108.2	2.74	115.2	2.93	129.1	3.38	143.0	3.71
	0	72.9	1.87	86.8	2.25	101.3	2.65	108.2	2.85	115.2	3.05	129.1	3.51	143.0	3.85
	5	72.9	1.94	86.8	2.33	101.3	2.75	108.2	2.96	115.2	3.16	129.1	3.64	143.0	3.99
	10	72.9	2.00	86.8	2.39	101.3	2.83	108.2	3.04	115.2	3.25	129.1	3.74	143.0	4.11
	14	72.9	2.07	86.8	2.48	101.3	2.93	108.2	3.15	115.2	3.37	129.1	3.88	143.0	4.26
	20	72.9	2.15	86.8	2.58	101.3	3.04	108.2	3.27	115.2	3.51	129.1	4.02	143.0	4.42
	25	72.9	2.21	86.8	2.65	101.3	3.13	108.2	3.37	115.2	3.63	129.1	4.13	143.0	4.56
	30	72.9	2.27	86.8	2.73	101.3	3.22	108.2	3.48	115.2	3.74	129.1	4.25	143.0	4.69
	35	72.9	2.34	86.8	2.82	101.3	3.32	108.2	3.58	115.2	3.85	129.1	4.38	143.0	4.84
	40	72.9	2.41	86.8	2.90	101.3	3.42	108.2	3.69	115.2	3.97	129.1	4.51	143.0	4.98
	45	72.9	2.47	86.8	2.97	101.3	3.50	108.2	3.77	115.2	4.06	129.1	4.61	143.0	5.10
	50	72.9	2.52	86.8	3.03	101.3	3.58	108.2	3.86	115.2	4.15	129.1	4.72	143.0	5.21
	55	72.9	2.55	86.8	3.08	101.3	3.64	108.2	3.94	115.2	4.23	129.1	4.81	143.0	5.26
	60	72.9	2.64	86.8	3.20	101.3	3.78	108.2	4.09	115.2	4.40	129.1	5.00	141.8	5.32
	65	72.9	2.69	86.8	3.27	101.3	3.86	108.2	4.17	115.2	4.48	129.1	5.09	140.9	5.58
	70	72.9	2.77	86.8	3.36	101.3	4.00	108.2	4.40	115.2	4.81	129.1	5.68	138.2	6.00
	75	72.9	2.82	86.8	3.52	101.3	4.28	108.2	4.71	115.2	5.16	129.1	5.92	136.1	6.26
	80	72.9	3.16	86.8	3.98	101.3	4.88	108.2	5.38	115.2	5.90	129.1	6.54	132.3	6.81
	85	72.9	3.36	86.8	4.25	101.3	5.23	108.2	5.74	115.2	6.30	127.5	6.89	130.2	7.09
	90	72.9	3.80	86.8	4.81	101.3	5.93	108.2	6.53	115.2	7.17	123.8	7.54	126.4	7.66
	95	72.9	4.04	86.8	5.10	101.3	6.32	**108.2**	**6.97**	115.2	7.65	121.6	7.83	124.3	7.94
	100	72.9	4.18	86.8	5.32	101.3	6.58	108.2	7.24	115.2	7.82	120.0	8.17	122.1	8.26
	105	72.9	4.84	86.8	6.17	101.3	7.44	108.2	7.93	113.9	8.39	116.3	8.75	117.8	8.86
	110	72.9	5.56	86.8	7.12	101.3	8.16	108.2	8.57	109.3	9.09	110.7	9.40	111.6	9.51
	115	72.9	6.02	86.8	7.71	94.8	8.59	102.6	8.96	104.1	9.38	105.0	9.59	105.5	9.71
	118	72.9	6.39	84.6	8.33	82.6	7.23	89.3	7.60	90.6	7.96	91.4	8.14	91.1	8.24
	122	69.2	6.34	67.8	6.33	65.8	5.50	71.4	5.75	72.6	6.03	73.4	6.17	73.3	6.26
80%	-9.9	64.8	1.48	77.1	1.78	90.0	2.07	95.9	2.25	102.3	2.42	114.6	2.77	127.0	3.08
	-5	64.8	1.56	77.1	1.88	90.0	2.18	95.9	2.37	102.3	2.56	114.6	2.92	127.0	3.25
	0	64.8	1.62	77.1	1.96	90.0	2.27	95.9	2.47	102.3	2.66	114.6	3.04	127.0	3.38
	5	64.8	1.68	77.1	2.03	90.0	2.35	95.9	2.56	102.3	2.76	114.6	3.15	127.0	3.51
	10	64.8	1.73	77.1	2.08	90.0	2.42	95.9	2.63	102.3	2.84	114.6	3.24	127.0	3.61
	14	64.8	1.79	77.1	2.16	90.0	2.51	95.9	2.73	102.3	2.94	114.6	3.35	127.0	3.74
	20	64.8	1.86	77.1	2.24	90.0	2.61	95.9	2.83	102.3	3.04	114.6	3.48	127.0	3.88
	25	64.8	1.92	77.1	2.30	90.0	2.69	95.9	2.91	102.3	3.12	114.6	3.58	127.0	4.00
	30	64.8	1.98	77.1	2.37	90.0	2.78	95.9	3.00	102.3	3.21	114.6	3.68	127.0	4.12
	35	64.8	2.03	77.1	2.44	90.0	2.86	95.9	3.08	102.3	3.30	114.6	3.78	127.0	4.24
	40	64.8	2.08	77.1	2.50	90.0	2.93	95.9	3.16	102.3	3.39	114.6	3.88	127.0	4.35
	45	64.8	2.11	77.1	2.53	90.0	2.98	95.9	3.21	102.3	3.43	114.6	3.94	127.0	4.41
	50	64.8	2.14	77.1	2.57	90.0	3.01	95.9	3.25	102.3	3.48	114.6	3.99	127.0	4.47
	55	64.8	2.18	77.1	2.61	90.0	3.07	95.9	3.31	102.3	3.55	114.6	4.07	127.0	4.55
	60	64.8	2.25	77.1	2.70	90.0	3.18	95.9	3.43	102.3	3.69	114.6	4.21	127.0	4.73
	65	64.8	2.28	77.1	2.75	90.0	3.24	95.9	3.49	102.3	3.76	114.6	4.28	127.0	4.84
	70	64.8	2.35	77.1	2.83	90.0	3.34	95.9	3.60	102.3	3.92	114.6	4.62	127.0	5.35
	75	64.8	2.39	77.1	2.88	90.0	3.50	95.9	3.84	102.3	4.18	114.6	4.92	127.0	5.64
	80	64.8	2.62	77.1	3.27	90.0	3.99	95.9	4.36	102.3	4.76	114.6	5.66	127.0	6.30
	85	64.8	2.79	77.1	3.48	90.0	4.25	95.9	4.65	102.3	5.10	114.6	6.02	127.0	6.47
	90	64.8	3.14	77.1	3.95	90.0	4.81	95.9	5.29	102.3	5.80	114.6	6.62	124.9	6.85
	95	64.8	3.34	77.1	4.18	90.0	5.13	**95.9**	**5.61**	102.3	6.17	114.6	6.85	122.2	7.04
	100	64.8	3.60	77.1	4.50	90.0	5.54	95.9	6.01	102.3	6.41	114.6	7.13	119.5	7.27
	105	64.8	4.10	77.1	5.15	90.0	6.16	95.9	6.45	102.3	6.87	113.3	7.42	116.0	7.63
	110	64.8	4.65	77.1	5.87	90.0	6.54	95.9	6.89	102.3	7.41	109.3	7.69	109.8	8.02
	115	64.8	4.98	77.1	6.27	90.0	6.76	95.9	7.24	95.9	7.58	96.5	7.86	96.5	8.34
	118	64.8	5.29	77.1	6.67	82.6	7.23	84.2	6.87	83.5	6.43	84.0	6.67	83.3	7.08
	122	64.8	5.72	68.1	6.29	65.8	5.50	67.3	5.20	66.9	4.87	67.5	5.06	67.0	5.38

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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PERFORMANCE DATA

ARUN121BTE4, ARUN121DTE4 / ARUB121BTE4, ARUB121DTE4 Cooling Capacity

121,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
70%	-9.9	56.8	1.31	67.5	1.55	78.8	1.83	84.1	1.95	89.5	2.08	100.2	2.39	111.4	2.67
	-5	56.8	1.38	67.5	1.64	78.8	1.93	84.1	2.06	89.5	2.20	100.2	2.52	111.4	2.82
	0	56.8	1.43	67.5	1.70	78.8	2.00	84.1	2.15	89.5	2.29	100.2	2.62	111.4	2.93
	5	56.8	1.49	67.5	1.77	78.8	2.08	84.1	2.22	89.5	2.37	100.2	2.71	111.4	3.04
	10	56.8	1.53	67.5	1.82	78.8	2.14	84.1	2.29	89.5	2.44	100.2	2.79	111.4	3.12
	14	56.8	1.58	67.5	1.88	78.8	2.21	84.1	2.37	89.5	2.53	100.2	2.89	111.4	3.24
	20	56.8	1.64	67.5	1.94	78.8	2.28	84.1	2.45	89.5	2.61	100.2	2.98	111.4	3.35
	25	56.8	1.68	67.5	2.00	78.8	2.34	84.1	2.51	89.5	2.69	100.2	3.06	111.4	3.44
	30	56.8	1.73	67.5	2.05	78.8	2.40	84.1	2.58	89.5	2.76	100.2	3.14	111.4	3.53
	35	56.8	1.78	67.5	2.11	78.8	2.47	84.1	2.65	89.5	2.83	100.2	3.22	111.4	3.63
	40	56.8	1.82	67.5	2.16	78.8	2.53	84.1	2.72	89.5	2.91	100.2	3.31	111.4	3.72
	45	56.8	1.85	67.5	2.19	78.8	2.57	84.1	2.76	89.5	2.95	100.2	3.36	111.4	3.77
	50	56.8	1.88	67.5	2.23	78.8	2.61	84.1	2.81	89.5	3.00	100.2	3.41	111.4	3.84
	55	56.8	1.91	67.5	2.27	78.8	2.65	84.1	2.85	89.5	3.06	100.2	3.48	111.4	3.92
	60	56.8	1.97	67.5	2.35	78.8	2.75	84.1	2.96	89.5	3.16	100.2	3.61	111.4	4.07
	65	56.8	2.00	67.5	2.39	78.8	2.79	84.1	3.01	89.5	3.23	100.2	3.68	111.4	4.13
	70	56.8	2.06	67.5	2.46	78.8	2.88	84.1	3.10	89.5	3.33	100.2	3.81	111.4	4.39
	75	56.8	2.09	67.5	2.50	78.8	2.94	84.1	3.21	89.5	3.48	100.2	4.07	111.4	4.65
	80	56.8	2.25	67.5	2.76	78.8	3.34	84.1	3.64	89.5	3.95	100.2	4.50	111.4	5.16
	85	56.8	2.39	67.5	2.94	78.8	3.56	84.1	3.88	89.5	4.25	100.2	4.79	111.4	5.38
	90	56.8	2.69	67.5	3.32	78.8	4.02	84.1	4.39	89.5	4.81	100.2	5.34	111.4	5.84
	95	56.8	2.84	67.5	3.52	78.8	4.28	**84.1**	**4.69**	89.5	5.10	100.2	5.62	111.4	6.01
	100	56.8	3.07	67.5	3.81	78.8	4.62	84.1	5.06	89.5	5.25	100.2	5.88	111.4	6.18
	105	56.8	3.48	67.5	4.34	78.8	5.10	84.1	5.39	89.5	5.71	100.2	6.19	111.4	6.55
	110	56.8	3.92	67.5	4.92	78.8	5.39	84.1	5.72	89.5	6.19	100.2	6.45	108.2	7.04
	115	56.8	4.21	67.5	5.24	78.8	5.58	84.1	6.05	89.5	6.37	100.2	6.65	102.0	7.49
	118	56.8	4.47	67.5	5.57	78.8	5.93	84.1	6.41	81.4	6.37	84.0	5.64	83.3	6.36
	122	56.8	4.82	67.5	6.03	70.3	5.66	67.2	5.27	65.2	4.82	67.5	4.28	67.0	4.83
60%	-9.9	48.8	1.13	57.9	1.31	67.5	1.54	71.8	1.65	76.6	1.77	86.3	2.01	95.4	2.25
	-5	48.8	1.19	57.9	1.39	67.5	1.63	71.8	1.74	76.6	1.87	86.3	2.12	95.4	2.37
	0	48.8	1.24	57.9	1.44	67.5	1.69	71.8	1.81	76.6	1.95	86.3	2.20	95.4	2.46
	5	48.8	1.29	57.9	1.49	67.5	1.75	71.8	1.87	76.6	2.02	86.3	2.29	95.4	2.55
	10	48.8	1.32	57.9	1.54	67.5	1.80	71.8	1.93	76.6	2.08	86.3	2.35	95.4	2.63
	14	48.8	1.37	57.9	1.59	67.5	1.87	71.8	2.00	76.6	2.15	86.3	2.44	95.4	2.72
	20	48.8	1.41	57.9	1.65	67.5	1.93	71.8	2.07	76.6	2.22	86.3	2.52	95.4	2.82
	25	48.8	1.45	57.9	1.70	67.5	1.98	71.8	2.13	76.6	2.28	86.3	2.58	95.4	2.90
	30	48.8	1.48	57.9	1.75	67.5	2.03	71.8	2.18	76.6	2.34	86.3	2.65	95.4	2.98
	35	48.8	1.52	57.9	1.79	67.5	2.08	71.8	2.24	76.6	2.40	86.3	2.72	95.4	3.05
	40	48.8	1.56	57.9	1.84	67.5	2.14	71.8	2.30	76.6	2.46	86.3	2.79	95.4	3.13
	45	48.8	1.57	57.9	1.86	67.5	2.15	71.8	2.32	76.6	2.48	86.3	2.81	95.4	3.16
	50	48.8	1.59	57.9	1.87	67.5	2.18	71.8	2.34	76.6	2.50	86.3	2.84	95.4	3.19
	55	48.8	1.61	57.9	1.90	67.5	2.22	71.8	2.38	76.6	2.54	86.3	2.89	95.4	3.24
	60	48.8	1.66	57.9	1.97	67.5	2.29	71.8	2.47	76.6	2.64	86.3	2.99	95.4	3.37
	65	48.8	1.69	57.9	2.00	67.5	2.34	71.8	2.51	76.6	2.69	86.3	3.06	95.4	3.44
	70	48.8	1.73	57.9	2.06	67.5	2.40	71.8	2.58	76.6	2.76	86.3	3.14	95.4	3.57
	75	48.8	1.76	57.9	2.09	67.5	2.45	71.8	2.63	76.6	2.85	86.3	3.33	95.4	3.80
	80	48.8	1.87	57.9	2.28	67.5	2.74	71.8	2.99	76.6	3.24	86.3	3.73	95.4	4.29
	85	48.8	1.99	57.9	2.43	67.5	2.91	71.8	3.19	76.6	3.47	86.3	3.93	95.4	4.43
	90	48.8	2.23	57.9	2.74	67.5	3.30	71.8	3.60	76.6	3.90	86.3	4.39	95.4	4.83
	95	48.8	2.36	57.9	2.90	67.5	3.50	**71.8**	**3.84**	76.6	4.13	86.3	4.59	95.4	5.09
	100	48.8	2.53	57.9	3.12	67.5	3.77	71.8	4.13	76.6	4.31	86.3	4.86	95.4	5.31
	105	48.8	2.88	57.9	3.55	67.5	4.17	71.8	4.41	76.6	4.69	86.3	5.17	95.4	5.79
	110	48.8	3.24	57.9	4.03	67.5	4.49	71.8	4.68	76.6	5.07	86.3	5.53	95.4	6.31
	115	48.8	3.47	57.9	4.31	67.5	4.67	71.8	4.95	76.6	5.25	86.3	5.84	95.4	6.74
	118	48.8	3.67	57.9	4.57	67.5	4.96	71.8	5.26	76.6	5.58	84.0	5.64	83.3	6.36
	122	48.8	3.96	57.9	4.94	67.5	5.37	67.0	5.33	64.9	4.94	67.5	4.28	67.0	4.83

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Cooling Capacity ARUN121BTE4, ARUN121DTE4 / ARUB121BTE4, ARUB121DTE4

121,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
50%	-9.9	40.5	0.97	48.2	1.14	56.3	1.28	60.0	1.38	63.8	1.49	71.8	1.65	79.3	1.83
	-5	40.5	1.03	48.2	1.21	56.3	1.35	60.0	1.46	63.8	1.57	71.8	1.74	79.3	1.93
	0	40.5	1.07	48.2	1.26	56.3	1.41	60.0	1.52	63.8	1.63	71.8	1.81	79.3	2.01
	5	40.5	1.11	48.2	1.30	56.3	1.46	60.0	1.57	63.8	1.69	71.8	1.88	79.3	2.08
	10	40.5	1.14	48.2	1.34	56.3	1.50	60.0	1.62	63.8	1.74	71.8	1.93	79.3	2.14
	14	40.5	1.18	48.2	1.39	56.3	1.55	60.0	1.67	63.8	1.80	71.8	2.00	79.3	2.22
	20	40.5	1.22	48.2	1.43	56.3	1.62	60.0	1.73	63.8	1.86	71.8	2.07	79.3	2.30
	25	40.5	1.26	48.2	1.47	56.3	1.67	60.0	1.79	63.8	1.91	71.8	2.13	79.3	2.37
	30	40.5	1.30	48.2	1.50	56.3	1.73	60.0	1.84	63.8	1.96	71.8	2.19	79.3	2.44
	35	40.5	1.33	48.2	1.54	56.3	1.77	60.0	1.89	63.8	2.01	71.8	2.26	79.3	2.51
	40	40.5	1.37	48.2	1.58	56.3	1.82	60.0	1.93	63.8	2.06	71.8	2.31	79.3	2.57
	45	40.5	1.39	48.2	1.61	56.3	1.84	60.0	1.96	63.8	2.09	71.8	2.34	79.3	2.61
	50	40.5	1.40	48.2	1.63	56.3	1.87	60.0	1.99	63.8	2.12	71.8	2.38	79.3	2.64
	55	40.5	1.43	48.2	1.66	56.3	1.90	60.0	2.02	63.8	2.15	71.8	2.42	79.3	2.69
	60	40.5	1.46	48.2	1.70	56.3	1.96	60.0	2.09	63.8	2.23	71.8	2.50	79.3	2.79
	65	40.5	1.48	48.2	1.73	56.3	1.99	60.0	2.12	63.8	2.26	71.8	2.54	79.3	2.84
	70	40.5	1.52	48.2	1.76	56.3	2.03	60.0	2.18	63.8	2.32	71.8	2.61	79.3	2.93
	75	40.5	1.54	48.2	1.79	56.3	2.08	60.0	2.21	63.8	2.36	71.8	2.66	79.3	2.99
	80	40.5	1.58	48.2	1.90	56.3	2.23	60.0	2.41	63.8	2.59	71.8	2.97	79.3	3.39
	85	40.5	1.69	48.2	2.00	56.3	2.36	60.0	2.56	63.8	2.75	71.8	3.17	79.3	3.62
	90	40.5	1.88	48.2	2.24	56.3	2.66	60.0	2.87	63.8	3.09	71.8	3.57	79.3	4.09
	95	40.5	1.99	48.2	2.38	56.3	2.81	**60.0**	**3.05**	63.8	3.29	71.8	3.80	79.3	4.35
	100	40.5	2.09	48.2	2.51	56.3	2.97	60.0	3.23	63.8	3.48	71.8	4.03	79.3	4.62
	105	40.5	2.29	48.2	2.77	56.3	3.29	60.0	3.56	63.8	3.85	71.8	4.47	79.3	5.14
	110	40.5	2.53	48.2	3.06	56.3	3.65	60.0	3.96	63.8	4.29	71.8	4.99	79.3	5.74
	115	40.5	2.70	48.2	3.29	56.3	3.92	60.0	4.26	63.8	4.62	71.8	5.38	79.3	6.19
	118	40.5	2.92	48.2	3.57	56.3	4.26	60.0	4.63	63.8	5.03	71.8	5.64	79.3	6.36
	122	40.5	3.22	48.2	3.94	56.3	4.71	60.0	5.14	63.8	4.94	67.5	4.28	67.0	4.83

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

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PERFORMANCE DATA

ARUN144BTE4, ARUN144DTE4 / ARUB144BTE4, ARUB144DTE4 Cooling Capacity

144,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
130%	-9.9	130.9	3.09	155.5	3.75	180.8	4.45	187.4	4.80	190.1	5.18	196.7	5.93	201.4	6.13
	-5	130.9	3.26	155.5	3.95	180.8	4.69	187.4	5.06	190.1	5.46	196.7	6.26	201.4	6.47
	0	130.9	3.39	155.5	4.11	180.8	4.88	187.4	5.27	190.1	5.68	196.7	6.51	201.4	6.73
	5	130.9	3.51	155.5	4.26	180.8	5.06	187.4	5.46	190.1	5.89	196.7	6.75	201.4	6.97
	10	130.9	3.61	155.5	4.38	180.8	5.20	187.4	5.62	190.1	6.06	196.7	6.94	201.4	7.17
	14	130.9	3.74	155.5	4.54	180.8	5.39	187.4	5.82	190.1	6.28	196.7	7.20	201.4	7.44
	20	130.9	3.81	155.5	4.62	180.8	5.47	187.4	5.91	190.1	6.36	196.7	7.30	201.4	7.54
	25	130.9	3.86	155.5	4.68	180.8	5.54	187.4	5.98	190.1	6.44	196.7	7.38	201.4	7.63
	30	130.9	3.91	155.5	4.74	180.8	5.60	187.4	6.06	190.1	6.51	196.7	7.46	201.4	7.72
	35	130.9	3.96	155.5	4.80	180.8	5.67	187.4	6.12	190.1	6.59	196.7	7.55	201.4	7.81
	40	130.9	4.01	155.5	4.85	180.8	5.74	187.4	6.20	190.1	6.67	196.7	7.64	201.4	7.91
	45	130.9	4.05	155.5	4.90	180.8	5.80	187.4	6.27	190.1	6.73	196.7	7.72	201.4	7.99
	50	130.9	4.09	155.5	4.95	180.8	5.85	187.4	6.33	190.1	6.80	196.7	7.80	201.4	8.07
	55	130.9	4.16	155.5	5.04	180.8	5.97	184.8	6.46	187.4	6.94	194.0	7.93	198.7	8.12
	60	130.9	4.29	155.5	5.22	178.1	6.22	180.7	6.71	182.8	7.21	189.3	8.18	194.0	8.21
	65	130.9	4.38	155.5	5.33	175.5	6.33	178.1	6.85	180.1	7.35	186.6	8.45	191.3	8.52
	70	130.9	4.22	155.5	5.13	172.2	6.31	174.2	6.94	176.8	7.61	183.3	8.46	188.0	8.54
	75	130.9	4.32	155.5	5.46	169.5	6.75	171.5	7.45	174.2	8.16	180.6	8.86	185.3	8.92
	80	130.9	4.91	155.5	6.22	164.8	7.72	166.8	8.52	169.5	9.37	175.9	9.62	180.6	9.70
	85	130.9	5.23	155.5	6.64	162.2	8.25	164.8	9.09	166.8	9.94	173.2	10.02	177.9	10.10
	90	130.9	5.93	152.9	7.55	157.5	9.37	159.5	10.36	162.2	10.72	168.5	10.80	173.2	10.91
	95	132.3	6.29	151.8	8.04	156.5	10.00	**159.2**	**11.05**	161.2	11.10	167.6	11.20	172.3	11.31
	100	132.3	6.80	149.1	8.69	153.8	10.84	156.5	11.63	158.5	11.70	165.6	11.81	170.3	11.91
	105	132.3	7.67	145.1	9.83	149.8	12.22	152.1	12.51	154.4	12.57	159.8	12.69	162.1	12.81
	110	132.3	8.61	139.1	11.08	144.9	13.34	145.4	13.40	147.5	13.44	150.6	13.58	151.2	13.71
	115	131.7	9.97	134.1	12.75	134.1	14.06	134.1	14.06	134.1	14.06	136.0	14.08	136.6	14.11
	118	114.5	8.44	116.6	10.80	116.7	11.82	116.7	11.93	116.7	11.93	118.4	11.95	117.9	11.97
	122	91.5	6.41	93.5	8.21	93.0	9.00	93.3	9.02	93.5	9.03	95.1	9.06	94.9	9.10
120%	-9.9	119.2	2.91	142.2	3.53	165.2	4.18	177.1	4.50	185.0	4.86	193.4	5.57	197.4	5.75
	-5	119.2	3.07	142.2	3.72	165.2	4.41	177.1	4.75	185.0	5.12	193.4	5.87	197.4	6.07
	0	119.2	3.19	142.2	3.87	165.2	4.58	177.1	4.94	185.0	5.33	193.4	6.11	197.4	6.31
	5	119.2	3.31	142.2	4.01	165.2	4.75	177.1	5.12	185.0	5.52	193.4	6.33	197.4	6.54
	10	119.2	3.40	142.2	4.13	165.2	4.89	177.1	5.27	185.0	5.68	193.4	6.51	197.4	6.73
	14	119.2	3.53	142.2	4.28	165.2	5.06	177.1	5.46	185.0	5.89	193.4	6.75	197.4	6.98
	20	119.2	3.58	142.2	4.34	165.2	5.14	177.1	5.54	185.0	5.97	193.4	6.85	197.4	7.08
	25	119.2	3.63	142.2	4.39	165.2	5.20	177.1	5.61	185.0	6.04	193.4	6.93	197.4	7.16
	30	119.2	3.68	142.2	4.45	165.2	5.26	177.1	5.69	185.0	6.11	193.4	7.00	197.4	7.25
	35	119.2	3.72	142.2	4.50	165.2	5.32	177.1	5.76	185.0	6.19	193.4	7.09	197.4	7.34
	40	119.2	3.77	142.2	4.56	165.2	5.39	177.1	5.83	185.0	6.27	193.4	7.18	197.4	7.43
	45	119.2	3.81	142.2	4.61	165.2	5.45	177.1	5.90	185.0	6.33	193.4	7.26	197.4	7.52
	50	119.2	3.85	142.2	4.66	165.2	5.51	177.1	5.96	185.0	6.41	193.4	7.34	197.4	7.60
	55	119.2	3.92	142.2	4.75	165.2	5.62	177.1	6.09	183.0	6.53	190.7	7.47	195.4	7.65
	60	119.2	4.04	142.2	4.92	165.2	5.85	175.8	6.32	177.8	6.79	186.0	7.70	190.0	7.84
	65	119.2	4.13	142.2	5.02	165.2	5.96	173.1	6.45	175.8	6.92	183.3	7.96	188.0	8.02
	70	119.2	4.05	142.2	4.92	165.2	6.05	169.9	6.66	171.8	7.31	180.0	8.12	184.0	8.20
	75	119.2	4.15	142.2	5.24	165.2	6.48	167.2	7.15	169.9	7.84	177.3	8.51	182.0	8.57
	80	119.2	4.72	142.2	5.97	160.6	7.41	162.6	8.18	164.6	8.99	172.6	9.23	176.6	9.32
	85	119.2	5.02	142.2	6.38	158.0	7.92	160.0	8.73	162.6	9.54	169.9	9.62	174.6	9.70
	90	119.2	5.69	142.2	7.25	153.4	8.99	155.4	9.94	157.3	10.29	165.2	10.37	169.2	10.47
	95	120.4	6.03	143.7	7.72	152.3	9.60	**154.3**	**10.61**	157.0	10.65	164.2	10.75	169.0	10.85
	100	120.4	6.53	143.7	8.34	149.7	10.41	152.3	11.17	154.3	11.23	162.2	11.33	166.3	11.44
	105	120.4	7.36	141.4	9.45	145.7	11.74	148.1	12.01	150.0	12.07	157.5	12.18	160.1	12.29
	110	120.4	8.27	137.8	10.64	142.3	12.80	142.7	12.86	144.8	12.91	149.3	13.03	149.9	13.16
	115	117.1	9.57	132.8	12.24	132.8	13.50	132.8	13.50	132.8	13.50	136.0	13.52	136.6	13.54
	118	104.5	8.44	115.4	10.37	115.6	11.35	115.6	11.45	115.6	11.45	118.4	11.47	117.9	11.49
	122	83.5	6.41	92.6	7.88	92.1	8.64	92.4	8.66	92.6	8.67	95.1	8.70	94.9	8.73

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

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The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Cooling Capacity ARUN144BTE4, ARUN144DTE4 / ARUB144BTE4, ARUB144DTE4

144,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
110%	-9.9	110.4	2.68	131.7	3.23	153.0	3.83	163.7	4.15	174.3	4.45	192.0	5.07	196.1	5.26
	-5	110.4	2.83	131.7	3.41	153.0	4.04	163.7	4.38	174.3	4.69	192.0	5.35	196.1	5.55
	0	110.4	2.94	131.7	3.55	153.0	4.20	163.7	4.56	174.3	4.88	192.0	5.57	196.1	5.78
	5	110.4	3.05	131.7	3.68	153.0	4.36	163.7	4.72	174.3	5.06	192.0	5.77	196.1	5.99
	10	110.4	3.13	131.7	3.78	153.0	4.48	163.7	4.86	174.3	5.21	192.0	5.94	196.1	6.16
	14	110.4	3.25	131.7	3.92	153.0	4.64	163.7	5.03	174.3	5.39	192.0	6.15	196.1	6.38
	20	110.4	3.30	131.7	3.98	153.0	4.71	163.7	5.10	174.3	5.48	192.0	6.26	196.1	6.48
	25	110.4	3.34	131.7	4.03	153.0	4.77	163.7	5.16	174.3	5.54	192.0	6.35	196.1	6.57
	30	110.4	3.38	131.7	4.08	153.0	4.83	163.7	5.22	174.3	5.61	192.0	6.43	196.1	6.65
	35	110.4	3.43	131.7	4.14	153.0	4.90	163.7	5.30	174.3	5.70	192.0	6.53	196.1	6.76
	40	110.4	3.47	131.7	4.20	153.0	4.97	163.7	5.37	174.3	5.77	192.0	6.62	196.1	6.84
	45	110.4	3.53	131.7	4.27	153.0	5.05	163.7	5.46	174.3	5.87	192.0	6.73	196.1	6.96
	50	110.4	3.59	131.7	4.34	153.0	5.13	163.7	5.55	174.3	5.97	192.0	6.84	196.1	7.07
	55	110.4	3.65	131.7	4.42	153.0	5.23	163.7	5.67	174.3	6.08	189.3	6.96	193.4	7.13
	60	110.4	3.77	131.7	4.58	153.0	5.45	163.7	5.89	174.3	6.32	184.6	7.17	188.6	7.24
	65	110.4	3.84	131.7	4.68	153.0	5.55	163.7	6.00	174.3	6.44	181.9	7.41	185.9	7.47
	70	110.4	3.88	131.7	4.72	153.0	5.81	163.7	6.39	171.0	7.01	178.5	7.79	182.5	7.86
	75	110.4	3.98	131.7	5.03	153.0	6.21	163.7	6.85	168.3	7.51	175.8	8.16	179.8	8.21
	80	109.3	4.52	130.4	5.73	151.5	7.11	160.0	7.84	162.0	8.62	169.3	8.85	173.3	8.93
	85	109.3	4.82	130.4	6.12	151.5	7.59	157.4	8.37	159.4	9.15	166.6	9.22	170.6	9.30
	90	109.3	5.46	130.4	6.95	150.8	8.62	152.8	9.53	154.7	9.86	161.9	9.94	165.9	10.04
	95	109.3	5.79	130.4	7.40	148.2	9.20	**150.1**	**10.17**	152.1	10.21	159.2	10.31	163.2	10.41
	100	109.3	6.26	130.4	8.00	146.2	9.98	148.2	10.71	150.1	10.77	157.2	10.87	161.2	10.97
	105	109.3	7.06	130.4	9.05	141.6	11.26	143.6	11.52	145.5	11.58	152.5	11.68	156.4	11.79
	110	109.3	7.93	130.4	10.20	137.2	12.28	137.7	12.34	139.7	12.38	144.0	12.50	144.6	12.62
	115	109.3	9.17	130.4	11.73	131.4	12.94	131.4	12.94	132.0	12.94	134.6	12.96	135.2	12.99
	118	105.6	8.36	113.4	9.94	114.4	10.88	114.4	10.98	114.9	10.98	117.2	11.00	116.7	11.02
	122	84.4	6.34	90.9	7.56	91.2	8.28	91.4	8.30	92.1	8.31	94.1	8.34	94.0	8.37
100%	-9.9	97.1	2.36	115.7	2.84	134.4	3.37	144.0	3.67	158.3	3.97	177.5	4.58	187.4	4.77
	-5	97.1	2.49	115.7	3.00	134.4	3.56	144.0	3.87	158.3	4.19	177.5	4.84	187.4	5.04
	0	97.1	2.59	115.7	3.12	134.4	3.70	144.0	4.03	158.3	4.36	177.5	5.03	187.4	5.24
	5	97.1	2.68	115.7	3.23	134.4	3.83	144.0	4.18	158.3	4.52	177.5	5.21	187.4	5.43
	10	97.1	2.76	115.7	3.33	134.4	3.94	144.0	4.30	158.3	4.65	177.5	5.36	187.4	5.59
	14	97.1	2.86	115.7	3.45	134.4	4.09	144.0	4.45	158.3	4.82	177.5	5.56	187.4	5.79
	20	97.1	2.95	115.7	3.56	134.4	4.22	144.0	4.58	158.3	4.97	177.5	5.72	187.4	5.95
	25	97.1	3.02	115.7	3.65	134.4	4.32	144.0	4.69	158.3	5.10	177.5	5.86	187.4	6.09
	30	97.1	3.10	115.7	3.75	134.4	4.43	144.0	4.79	158.3	5.23	177.5	5.99	187.4	6.23
	35	97.1	3.14	115.7	3.81	134.4	4.50	144.0	4.87	158.3	5.31	177.5	6.09	187.4	6.33
	40	97.1	3.20	115.7	3.87	134.4	4.57	144.0	4.95	158.3	5.40	177.5	6.18	187.4	6.43
	45	97.1	3.27	115.7	3.95	134.4	4.67	144.0	5.05	158.3	5.50	177.5	6.31	187.4	6.56
	50	97.1	3.33	115.7	4.03	134.4	4.76	144.0	5.15	158.3	5.62	177.5	6.44	187.4	6.70
	55	97.1	3.39	115.7	4.10	134.4	4.86	144.0	5.26	158.3	5.73	177.5	6.55	185.4	6.80
	60	97.1	3.50	115.7	4.25	134.4	5.06	144.0	5.46	158.3	5.96	176.8	6.76	180.1	6.92
	65	97.1	3.57	115.7	4.34	134.4	5.15	144.0	5.57	158.3	6.07	174.1	6.98	178.1	7.12
	70	97.1	3.68	115.7	4.47	134.4	5.50	144.0	6.05	158.3	6.74	170.8	7.49	174.1	7.62
	75	97.1	3.77	115.7	4.76	134.4	5.89	144.0	6.49	158.3	7.23	168.2	7.84	172.2	7.94
	80	97.1	4.29	115.7	5.43	134.4	6.73	144.0	7.43	158.3	8.29	163.5	8.51	166.9	8.63
	85	97.1	4.56	115.7	5.80	134.4	7.19	144.0	7.93	157.6	8.79	160.9	8.87	164.9	8.99
	90	97.1	5.17	115.7	6.59	134.4	8.17	144.0	9.03	152.3	9.49	156.3	9.56	159.6	9.70
	95	97.1	5.48	115.7	7.01	134.4	8.72	**144.0**	**9.64**	150.3	9.82	153.6	9.92	157.6	10.06
	100	97.1	5.92	115.7	7.56	134.4	9.43	141.4	10.12	147.7	10.33	151.6	10.43	155.0	10.57
	105	97.1	6.65	115.7	8.52	133.6	10.60	137.5	10.85	143.3	11.07	147.0	11.16	150.6	11.32
	110	97.1	7.43	115.7	9.57	132.1	11.51	135.1	11.57	137.8	11.78	140.0	11.90	142.5	12.07
	115	97.1	8.54	115.7	10.93	125.7	12.05	129.6	12.05	132.8	12.23	134.1	12.25	134.7	12.34
	118	97.1	8.62	101.5	10.25	109.5	10.13	112.8	10.22	115.7	10.38	116.7	10.40	116.3	10.47
	122	83.0	7.80	81.4	7.79	87.2	7.71	90.2	7.73	92.6	7.86	93.7	7.88	93.6	7.95

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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ARUN144BTE4, ARUN144DTE4 / ARUB144BTE4, ARUB144DTE4 Cooling Capacity

144,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
90%	-9.9	87.4	2.10	104.1	2.52	121.5	2.98	129.9	3.20	138.2	3.42	154.9	3.94	171.6	4.32
	-5	87.4	2.22	104.1	2.66	121.5	3.14	129.9	3.38	138.2	3.61	154.9	4.16	171.6	4.56
	0	87.4	2.31	104.1	2.76	121.5	3.27	129.9	3.51	138.2	3.75	154.9	4.32	171.6	4.75
	5	87.4	2.39	104.1	2.87	121.5	3.38	129.9	3.64	138.2	3.89	154.9	4.48	171.6	4.92
	10	87.4	2.46	104.1	2.95	121.5	3.48	129.9	3.75	138.2	4.00	154.9	4.61	171.6	5.06
	14	87.4	2.55	104.1	3.06	121.5	3.61	129.9	3.88	138.2	4.15	154.9	4.78	171.6	5.24
	20	87.4	2.64	104.1	3.17	121.5	3.74	129.9	4.03	138.2	4.32	154.9	4.95	171.6	5.44
	25	87.4	2.72	104.1	3.27	121.5	3.86	129.9	4.15	138.2	4.46	154.9	5.09	171.6	5.61
	30	87.4	2.80	104.1	3.36	121.5	3.97	129.9	4.28	138.2	4.61	154.9	5.23	171.6	5.78
	35	87.4	2.88	104.1	3.47	121.5	4.09	129.9	4.41	138.2	4.74	154.9	5.39	171.6	5.96
	40	87.4	2.97	104.1	3.57	121.5	4.21	129.9	4.54	138.2	4.89	154.9	5.55	171.6	6.13
	45	87.4	3.04	104.1	3.65	121.5	4.31	129.9	4.65	138.2	5.00	154.9	5.68	171.6	6.28
	50	87.4	3.10	104.1	3.73	121.5	4.40	129.9	4.75	138.2	5.11	154.9	5.81	171.6	6.41
	55	87.4	3.14	104.1	3.79	121.5	4.48	129.9	4.85	138.2	5.21	154.9	5.92	171.6	6.47
	60	87.4	3.26	104.1	3.95	121.5	4.65	129.9	5.04	138.2	5.42	154.9	6.15	170.2	6.55
	65	87.4	3.31	104.1	4.02	121.5	4.75	129.9	5.13	138.2	5.52	154.9	6.26	169.1	6.87
	70	87.4	3.41	104.1	4.14	121.5	4.92	129.9	5.42	138.2	5.92	154.9	6.99	165.9	7.38
	75	87.4	3.47	104.1	4.33	121.5	5.27	129.9	5.80	138.2	6.36	154.9	7.29	163.3	7.71
	80	87.4	3.89	104.1	4.90	121.5	6.01	129.9	6.63	138.2	7.26	154.9	8.06	158.8	8.39
	85	87.4	4.14	104.1	5.23	121.5	6.43	129.9	7.07	138.2	7.76	153.0	8.49	156.2	8.73
	90	87.4	4.67	104.1	5.92	121.5	7.30	129.9	8.04	138.2	8.83	148.5	9.29	151.7	9.43
	95	87.4	4.98	104.1	6.28	121.5	7.78	**129.9**	**8.58**	138.2	9.42	145.9	9.64	149.1	9.77
	100	87.4	5.14	104.1	6.55	121.5	8.10	129.9	8.92	138.2	9.63	144.0	10.06	146.6	10.17
	105	87.4	5.96	104.1	7.60	121.5	9.16	129.9	9.77	136.7	10.32	139.5	10.78	141.4	10.91
	110	87.4	6.84	104.1	8.76	121.5	10.05	129.9	10.55	131.1	11.19	132.9	11.58	133.9	11.71
	115	87.4	7.41	104.1	9.50	113.8	10.58	123.1	11.03	124.9	11.55	126.0	11.81	126.6	11.96
	118	87.4	7.87	101.5	10.25	99.1	8.90	107.2	9.36	108.7	9.80	109.7	10.02	109.3	10.15
	122	83.1	7.80	81.4	7.79	79.0	6.77	85.7	7.08	87.1	7.42	88.1	7.59	88.0	7.71
80%	-9.9	77.8	1.82	92.6	2.19	108.0	2.55	115.1	2.77	122.8	2.98	137.6	3.41	152.4	3.79
	-5	77.8	1.92	92.6	2.31	108.0	2.69	115.1	2.92	122.8	3.15	137.6	3.59	152.4	4.00
	0	77.8	2.00	92.6	2.41	108.0	2.80	115.1	3.04	122.8	3.27	137.6	3.74	152.4	4.16
	5	77.8	2.07	92.6	2.50	108.0	2.90	115.1	3.15	122.8	3.39	137.6	3.87	152.4	4.32
	10	77.8	2.13	92.6	2.57	108.0	2.98	115.1	3.24	122.8	3.49	137.6	3.99	152.4	4.44
	14	77.8	2.21	92.6	2.66	108.0	3.09	115.1	3.36	122.8	3.62	137.6	4.13	152.4	4.60
	20	77.8	2.29	92.6	2.76	108.0	3.21	115.1	3.48	122.8	3.74	137.6	4.28	152.4	4.78
	25	77.8	2.36	92.6	2.83	108.0	3.32	115.1	3.59	122.8	3.85	137.6	4.41	152.4	4.93
	30	77.8	2.43	92.6	2.91	108.0	3.42	115.1	3.69	122.8	3.95	137.6	4.53	152.4	5.07
	35	77.8	2.50	92.6	3.00	108.0	3.52	115.1	3.79	122.8	4.06	137.6	4.66	152.4	5.22
	40	77.8	2.57	92.6	3.07	108.0	3.61	115.1	3.90	122.8	4.17	137.6	4.78	152.4	5.35
	45	77.8	2.60	92.6	3.11	108.0	3.66	115.1	3.95	122.8	4.22	137.6	4.85	152.4	5.43
	50	77.8	2.64	92.6	3.16	108.0	3.71	115.1	4.00	122.8	4.28	137.6	4.91	152.4	5.50
	55	77.8	2.68	92.6	3.21	108.0	3.78	115.1	4.07	122.8	4.36	137.6	5.01	152.4	5.60
	60	77.8	2.77	92.6	3.32	108.0	3.91	115.1	4.22	122.8	4.54	137.6	5.18	152.4	5.82
	65	77.8	2.81	92.6	3.39	108.0	3.99	115.1	4.30	122.8	4.63	137.6	5.28	152.4	5.96
	70	77.8	2.89	92.6	3.48	108.0	4.11	115.1	4.43	122.8	4.82	137.6	5.69	152.4	6.59
	75	77.8	2.95	92.6	3.55	108.0	4.31	115.1	4.73	122.8	5.14	137.6	6.05	152.4	6.95
	80	77.8	3.23	92.6	4.03	108.0	4.91	115.1	5.37	122.8	5.86	137.6	6.96	152.4	7.76
	85	77.8	3.44	92.6	4.28	108.0	5.24	115.1	5.73	122.8	6.28	137.6	7.42	152.4	7.96
	90	77.8	3.87	92.6	4.86	108.0	5.92	115.1	6.51	122.8	7.14	137.6	8.15	149.9	8.44
	95	77.8	4.11	92.6	5.14	108.0	6.32	**115.1**	**6.91**	122.8	7.59	137.6	8.44	146.6	8.67
	100	77.8	4.43	92.6	5.54	108.0	6.81	115.1	7.40	122.8	7.89	137.6	8.78	143.4	8.95
	105	77.8	5.05	92.6	6.34	108.0	7.59	115.1	7.94	122.8	8.46	135.9	9.13	139.2	9.39
	110	77.8	5.73	92.6	7.23	108.0	8.05	115.1	8.48	122.8	9.12	131.1	9.47	131.8	9.87
	115	77.8	6.13	92.6	7.73	108.0	8.32	115.1	8.92	115.1	9.33	115.8	9.68	115.8	10.27
	118	77.8	6.51	92.6	8.21	99.1	8.90	101.1	8.46	100.2	7.92	100.8	8.21	99.9	8.71
	122	77.8	7.04	81.7	7.74	79.0	6.77	80.8	6.40	80.3	6.00	80.9	6.23	80.4	6.62

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Cooling Capacity ARUN144BTE4, ARUN144DTE4 / ARUB144BTE4, ARUB144DTE4

144,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
70%	-9.9	68.1	1.61	81.0	1.91	94.5	2.25	100.9	2.41	107.4	2.56	120.2	2.94	133.7	3.29
	-5	68.1	1.70	81.0	2.02	94.5	2.37	100.9	2.54	107.4	2.71	120.2	3.10	133.7	3.47
	0	68.1	1.76	81.0	2.10	94.5	2.47	100.9	2.64	107.4	2.81	120.2	3.22	133.7	3.61
	5	68.1	1.83	81.0	2.17	94.5	2.56	100.9	2.74	107.4	2.92	120.2	3.34	133.7	3.74
	10	68.1	1.88	81.0	2.24	94.5	2.63	100.9	2.82	107.4	3.00	120.2	3.44	133.7	3.85
	14	68.1	1.95	81.0	2.32	94.5	2.73	100.9	2.92	107.4	3.11	120.2	3.56	133.7	3.99
	20	68.1	2.02	81.0	2.39	94.5	2.81	100.9	3.01	107.4	3.22	120.2	3.67	133.7	4.12
	25	68.1	2.07	81.0	2.46	94.5	2.88	100.9	3.09	107.4	3.31	120.2	3.77	133.7	4.23
	30	68.1	2.13	81.0	2.52	94.5	2.95	100.9	3.17	107.4	3.40	120.2	3.86	133.7	4.34
	35	68.1	2.19	81.0	2.59	94.5	3.04	100.9	3.26	107.4	3.49	120.2	3.96	133.7	4.46
	40	68.1	2.24	81.0	2.66	94.5	3.11	100.9	3.34	107.4	3.58	120.2	4.07	133.7	4.58
	45	68.1	2.28	81.0	2.70	94.5	3.16	100.9	3.40	107.4	3.63	120.2	4.14	133.7	4.65
	50	68.1	2.32	81.0	2.74	94.5	3.21	100.9	3.45	107.4	3.70	120.2	4.20	133.7	4.73
	55	68.1	2.36	81.0	2.80	94.5	3.27	100.9	3.51	107.4	3.76	120.2	4.28	133.7	4.82
	60	68.1	2.42	81.0	2.89	94.5	3.39	100.9	3.64	107.4	3.90	120.2	4.45	133.7	5.01
	65	68.1	2.46	81.0	2.95	94.5	3.44	100.9	3.71	107.4	3.98	120.2	4.53	133.7	5.09
	70	68.1	2.53	81.0	3.03	94.5	3.55	100.9	3.82	107.4	4.10	120.2	4.69	133.7	5.41
	75	68.1	2.57	81.0	3.08	94.5	3.62	100.9	3.95	107.4	4.28	120.2	5.01	133.7	5.73
	80	68.1	2.77	81.0	3.40	94.5	4.11	100.9	4.49	107.4	4.86	120.2	5.54	133.7	6.35
	85	68.1	2.95	81.0	3.62	94.5	4.38	100.9	4.78	107.4	5.24	120.2	5.90	133.7	6.62
	90	68.1	3.31	81.0	4.08	94.5	4.95	100.9	5.41	107.4	5.92	120.2	6.58	133.7	7.19
	95	68.1	3.49	81.0	4.34	94.5	5.28	**100.9**	**5.77**	107.4	6.28	120.2	6.92	133.7	7.40
	100	68.1	3.78	81.0	4.69	94.5	5.69	100.9	6.23	107.4	6.47	120.2	7.24	133.7	7.61
	105	68.1	4.28	81.0	5.34	94.5	6.28	100.9	6.64	107.4	7.03	120.2	7.63	133.7	8.06
	110	68.1	4.82	81.0	6.05	94.5	6.64	100.9	7.04	107.4	7.62	120.2	7.94	129.9	8.67
	115	68.1	5.18	81.0	6.45	94.5	6.87	100.9	7.44	107.4	7.84	120.2	8.18	122.4	9.22
	118	68.1	5.50	81.0	6.86	94.5	7.30	100.9	7.89	97.7	7.84	100.8	6.94	99.9	7.83
	122	68.1	5.94	81.0	7.43	84.3	6.97	80.6	6.49	78.2	5.94	80.9	5.26	80.4	5.95
60%	-9.9	58.5	1.39	69.4	1.62	81.0	1.90	86.1	2.03	91.9	2.18	103.5	2.47	114.4	2.76
	-5	58.5	1.47	69.4	1.71	81.0	2.00	86.1	2.14	91.9	2.30	103.5	2.61	114.4	2.92
	0	58.5	1.53	69.4	1.78	81.0	2.08	86.1	2.23	91.9	2.40	103.5	2.71	114.4	3.03
	5	58.5	1.59	69.4	1.84	81.0	2.16	86.1	2.31	91.9	2.48	103.5	2.81	114.4	3.15
	10	58.5	1.63	69.4	1.89	81.0	2.22	86.1	2.37	91.9	2.56	103.5	2.89	114.4	3.24
	14	58.5	1.69	69.4	1.96	81.0	2.30	86.1	2.46	91.9	2.65	103.5	3.00	114.4	3.35
	20	58.5	1.74	69.4	2.03	81.0	2.38	86.1	2.55	91.9	2.73	103.5	3.10	114.4	3.47
	25	58.5	1.78	69.4	2.09	81.0	2.44	86.1	2.62	91.9	2.81	103.5	3.18	114.4	3.57
	30	58.5	1.83	69.4	2.15	81.0	2.50	86.1	2.69	91.9	2.88	103.5	3.26	114.4	3.66
	35	58.5	1.87	69.4	2.21	81.0	2.56	86.1	2.76	91.9	2.95	103.5	3.35	114.4	3.76
	40	58.5	1.92	69.4	2.26	81.0	2.63	86.1	2.83	91.9	3.03	103.5	3.44	114.4	3.86
	45	58.5	1.94	69.4	2.28	81.0	2.65	86.1	2.85	91.9	3.06	103.5	3.46	114.4	3.88
	50	58.5	1.95	69.4	2.30	81.0	2.68	86.1	2.88	91.9	3.08	103.5	3.49	114.4	3.92
	55	58.5	1.98	69.4	2.34	81.0	2.73	86.1	2.93	91.9	3.13	103.5	3.56	114.4	3.99
	60	58.5	2.05	69.4	2.42	81.0	2.83	86.1	3.04	91.9	3.25	103.5	3.68	114.4	4.15
	65	58.5	2.08	69.4	2.46	81.0	2.88	86.1	3.09	91.9	3.31	103.5	3.76	114.4	4.23
	70	58.5	2.13	69.4	2.53	81.0	2.96	86.1	3.17	91.9	3.40	103.5	3.87	114.4	4.39
	75	58.5	2.17	69.4	2.57	81.0	3.01	86.1	3.24	91.9	3.51	103.5	4.10	114.4	4.68
	80	58.5	2.30	69.4	2.81	81.0	3.37	86.1	3.68	91.9	3.99	103.5	4.59	114.4	5.29
	85	58.5	2.45	69.4	2.99	81.0	3.59	86.1	3.92	91.9	4.27	103.5	4.83	114.4	5.45
	90	58.5	2.74	69.4	3.37	81.0	4.06	86.1	4.43	91.9	4.80	103.5	5.40	114.4	5.95
	95	58.5	2.91	69.4	3.57	81.0	4.31	**86.1**	**4.73**	91.9	5.08	103.5	5.65	114.4	6.27
	100	58.5	3.12	69.4	3.84	81.0	4.65	86.1	5.09	91.9	5.31	103.5	5.99	114.4	6.53
	105	58.5	3.55	69.4	4.38	81.0	5.13	86.1	5.43	91.9	5.77	103.5	6.36	114.4	7.12
	110	58.5	3.99	69.4	4.97	81.0	5.53	86.1	5.76	91.9	6.24	103.5	6.80	114.4	7.77
	115	58.5	4.27	69.4	5.30	81.0	5.75	86.1	6.09	91.9	6.46	103.5	7.19	114.4	8.30
	118	58.5	4.52	69.4	5.62	81.0	6.10	86.1	6.47	91.9	6.88	100.8	6.94	99.9	7.83
	122	58.5	4.87	69.4	6.08	81.0	6.61	80.5	6.56	77.9	6.08	80.9	5.26	80.4	5.95

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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LG

ARUN144BTE4, ARUN144DTE4 / ARUB144BTE4, ARUB144DTE4 Cooling Capacity

144,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
50%	-9.9	48.6	1.20	57.9	1.41	67.5	1.58	72.0	1.70	76.5	1.83	86.1	2.03	95.1	2.25
	-5	48.6	1.26	57.9	1.49	67.5	1.66	72.0	1.79	76.5	1.93	86.1	2.14	95.1	2.38
	0	48.6	1.31	57.9	1.55	67.5	1.73	72.0	1.87	76.5	2.01	86.1	2.23	95.1	2.47
	5	48.6	1.36	57.9	1.60	67.5	1.79	72.0	1.93	76.5	2.08	86.1	2.31	95.1	2.56
	10	48.6	1.40	57.9	1.65	67.5	1.85	72.0	1.99	76.5	2.14	86.1	2.38	95.1	2.63
	14	48.6	1.45	57.9	1.71	67.5	1.91	72.0	2.06	76.5	2.22	86.1	2.46	95.1	2.73
	20	48.6	1.51	57.9	1.76	67.5	1.99	72.0	2.14	76.5	2.29	86.1	2.55	95.1	2.83
	25	48.6	1.55	57.9	1.81	67.5	2.06	72.0	2.20	76.5	2.35	86.1	2.63	95.1	2.92
	30	48.6	1.60	57.9	1.85	67.5	2.12	72.0	2.26	76.5	2.41	86.1	2.70	95.1	3.01
	35	48.6	1.64	57.9	1.90	67.5	2.18	72.0	2.32	76.5	2.48	86.1	2.78	95.1	3.08
	40	48.6	1.68	57.9	1.95	67.5	2.24	72.0	2.38	76.5	2.54	86.1	2.84	95.1	3.17
	45	48.6	1.71	57.9	1.98	67.5	2.27	72.0	2.41	76.5	2.57	86.1	2.88	95.1	3.21
	50	48.6	1.73	57.9	2.01	67.5	2.30	72.0	2.45	76.5	2.61	86.1	2.93	95.1	3.26
	55	48.6	1.77	57.9	2.04	67.5	2.34	72.0	2.48	76.5	2.65	86.1	2.98	95.1	3.31
	60	48.6	1.80	57.9	2.10	67.5	2.41	72.0	2.58	76.5	2.74	86.1	3.07	95.1	3.44
	65	48.6	1.82	57.9	2.13	67.5	2.45	72.0	2.61	76.5	2.78	86.1	3.13	95.1	3.50
	70	48.6	1.88	57.9	2.17	67.5	2.50	72.0	2.69	76.5	2.85	86.1	3.22	95.1	3.61
	75	48.6	1.89	57.9	2.21	67.5	2.56	72.0	2.72	76.5	2.91	86.1	3.27	95.1	3.68
	80	48.6	1.95	57.9	2.34	67.5	2.74	72.0	2.96	76.5	3.18	86.1	3.66	95.1	4.18
	85	48.6	2.08	57.9	2.47	67.5	2.91	72.0	3.15	76.5	3.39	86.1	3.90	95.1	4.45
	90	48.6	2.32	57.9	2.76	67.5	3.27	72.0	3.53	76.5	3.81	86.1	4.40	95.1	5.04
	95	48.6	2.45	57.9	2.93	67.5	3.46	**72.0**	**3.75**	76.5	4.05	86.1	4.67	95.1	5.35
	100	48.6	2.58	57.9	3.09	67.5	3.66	72.0	3.97	76.5	4.29	86.1	4.97	95.1	5.68
	105	48.6	2.81	57.9	3.41	67.5	4.05	72.0	4.39	76.5	4.74	86.1	5.50	95.1	6.32
	110	48.6	3.11	57.9	3.77	67.5	4.49	72.0	4.88	76.5	5.28	86.1	6.14	95.1	7.06
	115	48.6	3.33	57.9	4.05	67.5	4.82	72.0	5.24	76.5	5.68	86.1	6.62	95.1	7.62
	118	48.6	3.60	57.9	4.39	67.5	5.24	72.0	5.70	76.5	6.19	86.1	6.94	95.1	7.83
	122	48.6	3.97	57.9	4.85	67.5	5.79	72.0	6.33	76.5	6.08	80.9	5.26	80.4	5.95

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Cooling Capacity ARUN168BTE4, ARUN168DTE4 / ARUB168BTE4, ARUB168DTE4

168,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
130%	-9.9	152.8	3.93	181.5	4.76	210.9	5.66	218.7	6.10	221.8	6.58	229.5	7.55	235.0	7.80
	-5	152.8	4.14	181.5	5.03	210.9	5.97	218.7	6.44	221.8	6.95	229.5	7.96	235.0	8.23
	0	152.8	4.31	181.5	5.23	210.9	6.21	218.7	6.70	221.8	7.23	229.5	8.28	235.0	8.56
	5	152.8	4.47	181.5	5.42	210.9	6.43	218.7	6.94	221.8	7.49	229.5	8.58	235.0	8.87
	10	152.8	4.60	181.5	5.58	210.9	6.62	218.7	7.14	221.8	7.70	229.5	8.83	235.0	9.12
	14	152.8	4.76	181.5	5.78	210.9	6.86	218.7	7.40	221.8	7.98	229.5	9.15	235.0	9.46
	20	152.8	4.84	181.5	5.87	210.9	6.96	218.7	7.51	221.8	8.09	229.5	9.28	235.0	9.59
	25	152.8	4.91	181.5	5.95	210.9	7.04	218.7	7.61	221.8	8.19	229.5	9.38	235.0	9.71
	30	152.8	4.98	181.5	6.02	210.9	7.12	218.7	7.70	221.8	8.28	229.5	9.49	235.0	9.82
	35	152.8	5.03	181.5	6.10	210.9	7.21	218.7	7.79	221.8	8.38	229.5	9.60	235.0	9.94
	40	152.8	5.10	181.5	6.17	210.9	7.30	218.7	7.89	221.8	8.48	229.5	9.72	235.0	10.06
	45	152.8	5.15	181.5	6.23	210.9	7.38	218.7	7.97	221.8	8.56	229.5	9.82	235.0	10.16
	50	152.8	5.20	181.5	6.29	210.9	7.44	218.7	8.05	221.8	8.65	229.5	9.92	235.0	10.26
	55	152.8	5.29	181.5	6.41	210.9	7.59	215.6	8.22	218.7	8.82	226.4	10.09	231.8	10.33
	60	152.8	5.46	181.5	6.64	207.8	7.90	210.8	8.54	213.3	9.17	220.9	10.41	226.4	10.45
	65	152.8	5.58	181.5	6.78	204.7	8.05	207.8	8.71	210.2	9.34	217.7	10.75	223.2	10.84
	70	152.8	5.37	181.5	6.52	200.9	8.02	203.2	8.83	206.3	9.68	213.8	10.76	219.3	10.86
	75	152.8	5.50	181.5	6.95	197.8	8.58	200.1	9.47	203.2	10.38	210.7	11.27	216.2	11.35
	80	152.8	6.25	181.5	7.91	192.3	9.82	194.7	10.84	197.8	11.91	205.2	12.23	210.7	12.34
	85	152.8	6.65	181.5	8.45	189.2	10.49	192.3	11.56	194.7	12.64	202.1	12.74	207.6	12.85
	90	152.8	7.54	178.4	9.60	183.8	11.91	186.1	13.17	189.2	13.63	196.6	13.74	202.1	13.87
	95	154.4	7.99	177.1	10.22	182.6	12.72	**185.7**	**14.06**	188.1	14.11	195.5	14.25	201.1	14.38
	100	154.4	8.65	174.0	11.05	179.5	13.78	182.6	14.80	185.0	14.88	193.1	15.01	198.7	15.15
	105	154.4	9.76	169.3	12.51	174.8	15.55	177.5	15.91	180.2	15.99	186.4	16.14	189.1	16.29
	110	154.4	10.95	162.3	14.10	169.1	16.96	169.6	17.04	172.1	17.10	175.7	17.27	176.4	17.43
	115	153.6	12.67	156.4	16.21	156.4	17.88	156.4	17.88	156.4	17.88	158.7	17.91	159.4	17.94
	118	133.6	10.74	136.0	13.74	136.2	15.03	136.2	15.17	136.2	15.17	138.2	15.20	137.6	15.22
	122	106.7	8.15	109.1	10.44	108.5	11.44	108.8	11.47	109.1	11.49	110.9	11.52	110.8	11.57
120%	-9.9	139.0	3.70	165.9	4.49	192.8	5.31	206.6	5.73	215.8	6.18	225.6	7.08	230.3	7.32
	-5	139.0	3.90	165.9	4.73	192.8	5.60	206.6	6.04	215.8	6.52	225.6	7.47	230.3	7.72
	0	139.0	4.06	165.9	4.92	192.8	5.83	206.6	6.28	215.8	6.78	225.6	7.77	230.3	8.03
	5	139.0	4.21	165.9	5.10	192.8	6.04	206.6	6.51	215.8	7.02	225.6	8.05	230.3	8.32
	10	139.0	4.33	165.9	5.25	192.8	6.21	206.6	6.70	215.8	7.23	225.6	8.29	230.3	8.56
	14	139.0	4.49	165.9	5.44	192.8	6.44	206.6	6.94	215.8	7.49	225.6	8.59	230.3	8.87
	20	139.0	4.56	165.9	5.52	192.8	6.53	206.6	7.05	215.8	7.60	225.6	8.71	230.3	9.00
	25	139.0	4.62	165.9	5.59	192.8	6.61	206.6	7.14	215.8	7.68	225.6	8.81	230.3	9.11
	30	139.0	4.67	165.9	5.66	192.8	6.69	206.6	7.23	215.8	7.77	225.6	8.91	230.3	9.22
	35	139.0	4.74	165.9	5.72	192.8	6.77	206.6	7.32	215.8	7.87	225.6	9.02	230.3	9.33
	40	139.0	4.79	165.9	5.80	192.8	6.86	206.6	7.41	215.8	7.97	225.6	9.13	230.3	9.45
	45	139.0	4.85	165.9	5.86	192.8	6.93	206.6	7.50	215.8	8.06	225.6	9.23	230.3	9.56
	50	139.0	4.90	165.9	5.93	192.8	7.01	206.6	7.58	215.8	8.15	225.6	9.34	230.3	9.66
	55	139.0	4.98	165.9	6.04	192.8	7.15	206.6	7.74	213.5	8.31	222.5	9.50	228.0	9.74
	60	139.0	5.14	165.9	6.25	192.8	7.44	205.1	8.04	207.4	8.63	217.0	9.80	221.7	9.97
	65	139.0	5.25	165.9	6.39	192.8	7.58	202.0	8.20	205.1	8.80	213.9	10.12	219.4	10.20
	70	139.0	5.15	165.9	6.26	192.8	7.70	198.2	8.47	200.5	9.30	210.0	10.33	214.7	10.43
	75	139.0	5.28	165.9	6.67	192.8	8.24	195.1	9.09	198.2	9.97	206.8	10.82	212.3	10.89
	80	139.0	6.00	165.9	7.60	187.4	9.43	189.7	10.40	192.0	11.43	201.3	11.74	206.0	11.85
	85	139.0	6.39	165.9	8.11	184.3	10.07	186.6	11.10	189.7	12.13	198.2	12.23	203.7	12.34
	90	139.0	7.24	165.9	9.22	179.0	11.43	181.3	12.65	183.6	13.08	192.7	13.19	197.4	13.31
	95	140.5	7.67	167.7	9.81	177.7	12.21	**180.1**	**13.50**	183.2	13.55	191.6	13.68	197.1	13.80
	100	140.5	8.31	167.7	10.61	174.6	13.23	177.7	14.20	180.1	14.28	189.2	14.41	194.0	14.54
	105	140.5	9.36	165.0	12.01	170.0	14.93	172.7	15.27	175.0	15.35	183.7	15.49	186.8	15.63
	110	140.5	10.52	160.8	13.53	166.0	16.28	166.5	16.36	169.0	16.42	174.2	16.58	174.9	16.73
	115	136.6	12.17	154.9	15.56	154.9	17.16	154.9	17.16	154.9	17.16	158.7	17.19	159.4	17.22
	118	122.0	10.74	134.7	13.19	134.9	14.43	134.9	14.56	134.9	14.56	138.2	14.59	137.6	14.61
	122	97.5	8.15	108.0	10.03	107.5	10.99	107.8	11.01	108.0	11.03	111.0	11.06	110.8	11.10

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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PERFORMANCE DATA

ARUN168BTE4, ARUN168DTE4 / ARUB168BTE4, ARUB168DTE4 Cooling Capacity

168,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
110%	-9.9	128.8	3.41	153.7	4.11	178.5	4.87	190.9	5.28	203.4	5.66	224.0	6.45	228.8	6.70
	-5	128.8	3.59	153.7	4.34	178.5	5.14	190.9	5.57	203.4	5.97	224.0	6.81	228.8	7.06
	0	128.8	3.74	153.7	4.51	178.5	5.35	190.9	5.79	203.4	6.21	224.0	7.08	228.8	7.35
	5	128.8	3.87	153.7	4.67	178.5	5.54	190.9	6.01	203.4	6.44	224.0	7.34	228.8	7.62
	10	128.8	3.99	153.7	4.81	178.5	5.70	190.9	6.18	203.4	6.62	224.0	7.55	228.8	7.84
	14	128.8	4.13	153.7	4.98	178.5	5.91	190.9	6.40	203.4	6.86	224.0	7.83	228.8	8.12
	20	128.8	4.19	153.7	5.06	178.5	5.99	190.9	6.49	203.4	6.96	224.0	7.96	228.8	8.25
	25	128.8	4.24	153.7	5.13	178.5	6.07	190.9	6.57	203.4	7.05	224.0	8.07	228.8	8.35
	30	128.8	4.29	153.7	5.19	178.5	6.14	190.9	6.64	203.4	7.14	224.0	8.18	228.8	8.46
	35	128.8	4.36	153.7	5.27	178.5	6.23	190.9	6.74	203.4	7.25	224.0	8.30	228.8	8.59
	40	128.8	4.42	153.7	5.34	178.5	6.32	190.9	6.83	203.4	7.34	224.0	8.42	228.8	8.70
	45	128.8	4.49	153.7	5.43	178.5	6.42	190.9	6.94	203.4	7.46	224.0	8.56	228.8	8.85
	50	128.8	4.56	153.7	5.52	178.5	6.53	190.9	7.06	203.4	7.59	224.0	8.70	228.8	8.99
	55	128.8	4.64	153.7	5.62	178.5	6.65	190.9	7.21	203.4	7.74	220.9	8.85	225.6	9.07
	60	128.8	4.79	153.7	5.82	178.5	6.93	190.9	7.49	203.4	8.04	215.3	9.12	220.1	9.21
	65	128.8	4.89	153.7	5.95	178.5	7.06	190.9	7.64	203.4	8.19	212.2	9.43	216.9	9.50
	70	128.8	4.94	153.7	6.00	178.5	7.38	190.9	8.12	199.5	8.91	208.2	9.90	213.0	10.00
	75	128.8	5.06	153.7	6.40	178.5	7.90	190.9	8.72	196.4	9.56	205.0	10.37	209.8	10.45
	80	127.5	5.75	152.1	7.28	176.7	9.04	186.7	9.98	189.0	10.96	197.5	11.26	202.2	11.36
	85	127.5	6.12	152.1	7.78	176.7	9.66	183.6	10.64	185.9	11.63	194.3	11.73	199.0	11.83
	90	127.5	6.94	152.1	8.84	175.9	10.96	178.2	12.12	180.5	12.54	188.8	12.64	193.6	12.77
	95	127.5	7.36	152.1	9.41	172.9	11.71	**175.2**	**12.94**	177.5	12.99	185.7	13.11	190.4	13.24
	100	127.5	7.97	152.1	10.18	170.5	12.69	172.9	13.62	175.2	13.69	183.4	13.82	188.1	13.95
	105	127.5	8.98	152.1	11.51	165.2	14.32	167.5	14.65	169.8	14.72	178.0	14.85	182.5	15.00
	110	127.5	10.08	152.1	12.98	160.1	15.61	160.6	15.69	163.0	15.74	168.0	15.89	168.7	16.05
	115	127.5	11.67	152.1	14.92	153.3	16.46	153.3	16.46	154.0	16.46	157.1	16.49	157.8	16.52
	118	123.2	10.63	132.3	12.64	133.5	13.84	133.5	13.96	134.1	13.96	136.8	13.99	136.2	14.01
	122	98.5	8.06	106.1	9.61	106.4	10.53	106.7	10.56	107.4	10.57	109.8	10.60	109.6	10.65
100%	-9.9	113.3	3.00	135.0	3.62	156.8	4.29	168.0	4.67	184.6	5.05	207.0	5.83	218.6	6.07
	-5	113.3	3.16	135.0	3.82	156.8	4.52	168.0	4.93	184.6	5.33	207.0	6.15	218.6	6.41
	0	113.3	3.29	135.0	3.97	156.8	4.70	168.0	5.13	184.6	5.55	207.0	6.40	218.6	6.66
	5	113.3	3.41	135.0	4.11	156.8	4.87	168.0	5.31	184.6	5.75	207.0	6.63	218.6	6.91
	10	113.3	3.51	135.0	4.23	156.8	5.02	168.0	5.46	184.6	5.91	207.0	6.82	218.6	7.11
	14	113.3	3.63	135.0	4.39	156.8	5.20	168.0	5.66	184.6	6.13	207.0	7.07	218.6	7.36
	20	113.3	3.75	135.0	4.53	156.8	5.36	168.0	5.82	184.6	6.32	207.0	7.28	218.6	7.57
	25	113.3	3.84	135.0	4.65	156.8	5.50	168.0	5.96	184.6	6.49	207.0	7.45	218.6	7.75
	30	113.3	3.94	135.0	4.77	156.8	5.64	168.0	6.09	184.6	6.65	207.0	7.62	218.6	7.92
	35	113.3	4.00	135.0	4.84	156.8	5.73	168.0	6.19	184.6	6.76	207.0	7.75	218.6	8.05
	40	113.3	4.07	135.0	4.92	156.8	5.82	168.0	6.29	184.6	6.86	207.0	7.87	218.6	8.18
	45	113.3	4.16	135.0	5.03	156.8	5.93	168.0	6.42	184.6	7.00	207.0	8.03	218.6	8.35
	50	113.3	4.23	135.0	5.12	156.8	6.06	168.0	6.55	184.6	7.15	207.0	8.19	218.6	8.52
	55	113.3	4.31	135.0	5.22	156.8	6.18	168.0	6.69	184.6	7.29	207.0	8.34	216.3	8.64
	60	113.3	4.45	135.0	5.40	156.8	6.43	168.0	6.95	184.6	7.58	206.3	8.60	210.1	8.80
	65	113.3	4.54	135.0	5.52	156.8	6.55	168.0	7.09	184.6	7.72	203.2	8.88	207.8	9.06
	70	113.3	4.68	135.0	5.69	156.8	7.00	168.0	7.70	184.6	8.57	199.3	9.52	203.2	9.69
	75	113.3	4.80	135.0	6.06	156.8	7.49	168.0	8.26	184.6	9.19	196.2	9.97	200.9	10.09
	80	113.3	5.45	135.0	6.90	156.8	8.56	168.0	9.45	184.6	10.54	190.8	10.83	194.7	10.98
	85	113.3	5.80	135.0	7.37	156.8	9.15	168.0	10.08	183.9	11.19	187.7	11.28	192.4	11.43
	90	113.3	6.57	135.0	8.38	156.8	10.39	168.0	11.49	177.7	12.06	182.3	12.16	186.2	12.34
	95	113.3	6.97	135.0	8.91	156.8	11.09	**168.0**	**12.26**	175.4	12.49	179.2	12.61	183.9	12.79
	100	113.3	7.53	135.0	9.62	156.8	11.99	165.0	12.87	172.4	13.14	176.9	13.26	180.9	13.45
	105	113.3	8.46	135.0	10.84	155.9	13.49	160.4	13.79	167.2	14.07	171.5	14.20	175.7	14.39
	110	113.3	9.46	135.0	12.17	154.1	14.64	157.6	14.71	160.8	14.98	163.3	15.13	166.3	15.35
	115	113.3	10.86	135.0	13.90	146.7	15.33	151.2	15.33	155.0	15.55	156.4	15.58	157.1	15.69
	118	113.3	10.96	118.4	13.04	127.7	12.89	131.6	13.00	134.9	13.20	136.2	13.22	135.6	13.31
	122	96.9	9.92	95.0	9.91	101.8	9.81	105.2	9.83	108.1	9.99	109.4	10.02	109.2	10.11

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Cooling Capacity ARUN168BTE4, ARUN168DTE4 / ARUB168BTE4, ARUB168DTE4

168,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
90%	-9.9	102.0	2.67	121.5	3.20	141.8	3.78	151.5	4.07	161.3	4.35	180.8	5.01	200.3	5.50
	-5	102.0	2.82	121.5	3.38	141.8	3.99	151.5	4.29	161.3	4.59	180.8	5.28	200.3	5.80
	0	102.0	2.93	121.5	3.52	141.8	4.15	151.5	4.47	161.3	4.77	180.8	5.50	200.3	6.03
	5	102.0	3.04	121.5	3.64	141.8	4.30	151.5	4.63	161.3	4.95	180.8	5.70	200.3	6.25
	10	102.0	3.13	121.5	3.75	141.8	4.43	151.5	4.76	161.3	5.09	180.8	5.86	200.3	6.43
	14	102.0	3.24	121.5	3.89	141.8	4.59	151.5	4.94	161.3	5.27	180.8	6.07	200.3	6.67
	20	102.0	3.36	121.5	4.03	141.8	4.76	151.5	5.13	161.3	5.49	180.8	6.29	200.3	6.92
	25	102.0	3.46	121.5	4.16	141.8	4.90	151.5	5.28	161.3	5.68	180.8	6.47	200.3	7.14
	30	102.0	3.56	121.5	4.28	141.8	5.05	151.5	5.44	161.3	5.86	180.8	6.65	200.3	7.35
	35	102.0	3.67	121.5	4.41	141.8	5.20	151.5	5.60	161.3	6.03	180.8	6.85	200.3	7.58
	40	102.0	3.77	121.5	4.54	141.8	5.36	151.5	5.77	161.3	6.22	180.8	7.06	200.3	7.80
	45	102.0	3.86	121.5	4.65	141.8	5.48	151.5	5.91	161.3	6.36	180.8	7.22	200.3	7.98
	50	102.0	3.95	121.5	4.75	141.8	5.60	151.5	6.04	161.3	6.50	180.8	7.39	200.3	8.15
	55	102.0	3.99	121.5	4.82	141.8	5.70	151.5	6.16	161.3	6.62	180.8	7.53	200.3	8.23
	60	102.0	4.14	121.5	5.02	141.8	5.92	151.5	6.41	161.3	6.89	180.8	7.82	198.6	8.32
	65	102.0	4.21	121.5	5.11	141.8	6.04	151.5	6.53	161.3	7.01	180.8	7.97	197.3	8.74
	70	102.0	4.34	121.5	5.26	141.8	6.26	151.5	6.89	161.3	7.53	180.8	8.89	193.5	9.39
	75	102.0	4.41	121.5	5.50	141.8	6.70	151.5	7.38	161.3	8.09	180.8	9.27	190.5	9.81
	80	102.0	4.94	121.5	6.24	141.8	7.65	151.5	8.43	161.3	9.23	180.8	10.25	185.3	10.67
	85	102.0	5.26	121.5	6.65	141.8	8.18	151.5	8.99	161.3	9.86	178.5	10.79	182.3	11.11
	90	102.0	5.94	121.5	7.53	141.8	9.28	151.5	10.23	161.3	11.23	173.3	11.81	177.0	11.99
	95	102.0	6.33	121.5	7.99	141.8	9.89	**151.5**	**10.91**	161.3	11.98	170.3	12.26	174.0	12.43
	100	102.0	6.54	121.5	8.33	141.8	10.30	151.5	11.34	161.3	12.25	168.0	12.79	171.0	12.93
	105	102.0	7.58	121.5	9.66	141.8	11.65	151.5	12.42	159.4	13.13	162.8	13.71	165.0	13.88
	110	102.0	8.70	121.5	11.14	141.8	12.78	151.5	13.41	153.0	14.24	155.0	14.72	156.3	14.89
	115	102.0	9.42	121.5	12.08	132.8	13.45	143.6	14.03	145.7	14.69	147.0	15.01	147.7	15.21
	118	102.0	10.01	118.4	13.04	115.6	11.31	125.1	11.90	126.8	12.47	128.0	12.74	127.5	12.90
	122	96.9	9.92	95.0	9.91	92.1	8.61	99.9	9.00	101.6	9.44	102.8	9.66	102.6	9.80
80%	-9.9	90.7	2.32	108.0	2.79	126.0	3.24	134.3	3.52	143.3	3.79	160.5	4.33	177.8	4.83
	-5	90.7	2.44	108.0	2.94	126.0	3.42	134.3	3.71	143.3	4.00	160.5	4.57	177.8	5.09
	0	90.7	2.54	108.0	3.06	126.0	3.56	134.3	3.86	143.3	4.16	160.5	4.75	177.8	5.30
	5	90.7	2.63	108.0	3.17	126.0	3.68	134.3	4.00	143.3	4.32	160.5	4.93	177.8	5.49
	10	90.7	2.71	108.0	3.26	126.0	3.79	134.3	4.12	143.3	4.44	160.5	5.07	177.8	5.65
	14	90.7	2.81	108.0	3.38	126.0	3.93	134.3	4.27	143.3	4.60	160.5	5.25	177.8	5.85
	20	90.7	2.91	108.0	3.50	126.0	4.09	134.3	4.43	143.3	4.76	160.5	5.44	177.8	6.08
	25	90.7	3.00	108.0	3.60	126.0	4.22	134.3	4.56	143.3	4.89	160.5	5.60	177.8	6.26
	30	90.7	3.09	108.0	3.71	126.0	4.35	134.3	4.69	143.3	5.02	160.5	5.76	177.8	6.45
	35	90.7	3.18	108.0	3.81	126.0	4.47	134.3	4.82	143.3	5.16	160.5	5.92	177.8	6.63
	40	90.7	3.26	108.0	3.91	126.0	4.59	134.3	4.95	143.3	5.30	160.5	6.08	177.8	6.81
	45	90.7	3.31	108.0	3.96	126.0	4.66	134.3	5.03	143.3	5.37	160.5	6.17	177.8	6.90
	50	90.7	3.35	108.0	4.02	126.0	4.72	134.3	5.09	143.3	5.45	160.5	6.25	177.8	7.00
	55	90.8	3.41	108.0	4.09	126.0	4.80	134.3	5.18	143.3	5.55	160.5	6.37	177.8	7.12
	60	90.8	3.52	108.0	4.22	126.0	4.97	134.3	5.36	143.3	5.77	160.5	6.59	177.8	7.41
	65	90.8	3.58	108.0	4.31	126.0	5.07	134.3	5.47	143.3	5.89	160.5	6.71	177.8	7.58
	70	90.8	3.68	108.0	4.43	126.0	5.23	134.3	5.64	143.3	6.13	160.5	7.24	177.8	8.38
	75	90.8	3.75	108.0	4.51	126.0	5.48	134.3	6.01	143.3	6.54	160.5	7.70	177.8	8.83
	80	90.8	4.10	108.0	5.13	126.0	6.25	134.3	6.83	143.3	7.46	160.5	8.85	177.8	9.87
	85	90.8	4.38	108.0	5.45	126.0	6.66	134.3	7.29	143.3	7.99	160.5	9.43	177.8	10.12
	90	90.8	4.92	108.0	6.18	126.0	7.53	134.3	8.28	143.3	9.08	160.5	10.37	174.9	10.73
	95	90.8	5.23	108.0	6.54	126.0	8.04	**134.3**	**8.79**	143.3	9.65	160.5	10.73	171.1	11.02
	100	90.7	5.64	108.0	7.05	126.0	8.67	134.3	9.41	143.3	10.04	160.5	11.17	167.3	11.38
	105	90.7	6.42	108.0	8.07	126.0	9.65	134.3	10.10	143.3	10.76	158.6	11.61	162.5	11.94
	110	90.8	7.29	108.0	9.20	126.0	10.24	134.3	10.79	143.3	11.60	153.0	12.04	153.8	12.56
	115	90.8	7.80	108.0	9.83	126.0	10.58	134.3	11.34	134.3	11.87	135.1	12.31	135.1	13.06
	118	90.8	8.28	108.0	10.44	115.6	11.31	117.9	10.76	116.9	10.07	117.6	10.45	116.6	11.08
	122	90.8	8.95	95.3	9.85	92.1	8.61	94.2	8.14	93.6	7.62	94.4	7.92	93.9	8.42

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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ARUN168BTE4, ARUN168DTE4 / ARUB168BTE4, ARUB168DTE4 Cooling Capacity

168,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
70%	-9.9	79.5	2.04	94.5	2.43	110.3	2.86	117.8	3.06	125.3	3.26	140.3	3.74	156.0	4.18
	-5	79.5	2.16	94.5	2.56	110.3	3.02	117.8	3.23	125.3	3.44	140.3	3.94	156.0	4.41
	0	79.5	2.24	94.5	2.67	110.3	3.14	117.8	3.36	125.3	3.58	140.3	4.10	156.0	4.59
	5	79.5	2.33	94.5	2.76	110.3	3.25	117.8	3.48	125.3	3.71	140.3	4.25	156.0	4.76
	10	79.5	2.39	94.5	2.84	110.3	3.35	117.8	3.58	125.3	3.82	140.3	4.37	156.0	4.89
	14	79.5	2.48	94.5	2.95	110.3	3.47	117.8	3.71	125.3	3.95	140.3	4.53	156.0	5.07
	20	79.5	2.56	94.5	3.04	110.3	3.58	117.8	3.83	125.3	4.09	140.3	4.67	156.0	5.24
	25	79.5	2.64	94.5	3.13	110.3	3.67	117.8	3.94	125.3	4.21	140.3	4.79	156.0	5.38
	30	79.5	2.71	94.5	3.21	110.3	3.76	117.8	4.04	125.3	4.32	140.3	4.91	156.0	5.52
	35	79.5	2.78	94.5	3.30	110.3	3.86	117.8	4.14	125.3	4.44	140.3	5.04	156.0	5.68
	40	79.5	2.85	94.5	3.38	110.3	3.96	117.8	4.25	125.3	4.55	140.3	5.18	156.0	5.82
	45	79.5	2.89	94.5	3.43	110.3	4.02	117.8	4.33	125.3	4.62	140.3	5.26	156.0	5.91
	50	79.5	2.95	94.5	3.49	110.3	4.09	117.8	4.39	125.3	4.70	140.3	5.35	156.0	6.01
	55	79.5	3.00	94.5	3.56	110.3	4.15	117.8	4.46	125.3	4.78	140.3	5.45	156.0	6.13
	60	79.5	3.08	94.5	3.68	110.3	4.31	117.8	4.63	125.3	4.96	140.3	5.65	156.0	6.37
	65	79.5	3.13	94.5	3.75	110.3	4.38	117.8	4.72	125.3	5.06	140.3	5.76	156.0	6.47
	70	79.5	3.22	94.5	3.85	110.3	4.51	117.8	4.85	125.3	5.21	140.3	5.96	156.0	6.88
	75	79.5	3.27	94.5	3.92	110.3	4.60	117.8	5.02	125.3	5.45	140.3	6.37	156.0	7.28
	80	79.5	3.52	94.5	4.33	110.3	5.23	117.8	5.70	125.3	6.18	140.3	7.04	156.0	8.08
	85	79.5	3.75	94.5	4.60	110.3	5.57	117.8	6.08	125.3	6.66	140.3	7.50	156.0	8.42
	90	79.5	4.21	94.5	5.19	110.3	6.30	117.8	6.88	125.3	7.53	140.3	8.36	156.0	9.14
	95	79.5	4.44	94.5	5.52	110.3	6.71	**117.8**	**7.34**	125.3	7.99	140.3	8.80	156.0	9.42
	100	79.5	4.80	94.5	5.96	110.3	7.24	117.8	7.92	125.3	8.22	140.3	9.21	156.0	9.68
	105	79.5	5.44	94.5	6.79	110.3	7.98	117.8	8.45	125.3	8.94	140.3	9.70	156.0	10.25
	110	79.5	6.13	94.5	7.70	110.3	8.45	117.8	8.96	125.3	9.69	140.3	10.10	151.5	11.02
	115	79.5	6.59	94.5	8.21	110.3	8.74	117.8	9.47	125.3	9.97	140.3	10.41	142.8	11.73
	118	79.5	7.00	94.5	8.72	110.3	9.28	117.8	10.03	114.0	9.97	117.6	8.83	116.6	9.95
	122	79.5	7.55	94.5	9.44	98.4	8.86	94.1	8.25	91.3	7.55	94.4	6.69	93.9	7.56
60%	-9.9	68.3	1.77	81.0	2.06	94.5	2.41	100.5	2.58	107.3	2.78	120.8	3.15	133.5	3.52
	-5	68.3	1.87	81.0	2.17	94.5	2.55	100.5	2.72	107.3	2.93	120.8	3.32	133.5	3.71
	0	68.3	1.95	81.0	2.26	94.5	2.65	100.5	2.83	107.3	3.05	120.8	3.45	133.5	3.86
	5	68.3	2.02	81.0	2.34	94.5	2.75	100.5	2.93	107.3	3.16	120.8	3.58	133.5	4.00
	10	68.3	2.07	81.0	2.41	94.5	2.83	100.5	3.02	107.3	3.25	120.8	3.68	133.5	4.11
	14	68.3	2.15	81.0	2.50	94.5	2.93	100.5	3.13	107.3	3.37	120.8	3.81	133.5	4.26
	20	68.3	2.21	81.0	2.59	94.5	3.02	100.5	3.24	107.3	3.48	120.8	3.94	133.5	4.41
	25	68.3	2.27	81.0	2.66	94.5	3.10	100.5	3.33	107.3	3.57	120.8	4.05	133.5	4.54
	30	68.3	2.32	81.0	2.74	94.5	3.18	100.5	3.42	107.3	3.66	120.8	4.15	133.5	4.66
	35	68.3	2.38	81.0	2.81	94.5	3.26	100.5	3.51	107.3	3.75	120.8	4.25	133.5	4.78
	40	68.3	2.44	81.0	2.88	94.5	3.35	100.5	3.60	107.3	3.85	120.8	4.37	133.5	4.90
	45	68.3	2.46	81.0	2.91	94.5	3.37	100.5	3.63	107.3	3.89	120.8	4.40	133.5	4.94
	50	68.3	2.49	81.0	2.93	94.5	3.41	100.5	3.66	107.3	3.92	120.8	4.44	133.5	4.99
	55	68.3	2.52	81.0	2.98	94.5	3.47	100.5	3.73	107.3	3.98	120.8	4.53	133.5	5.07
	60	68.3	2.61	81.0	3.08	94.5	3.59	100.5	3.87	107.3	4.14	120.8	4.68	133.5	5.28
	65	68.3	2.64	81.0	3.13	94.5	3.66	100.5	3.93	107.3	4.21	120.8	4.78	133.5	5.38
	70	68.3	2.71	81.0	3.22	94.5	3.76	100.5	4.04	107.3	4.33	120.8	4.92	133.5	5.59
	75	68.3	2.76	81.0	3.27	94.5	3.83	100.5	4.12	107.3	4.46	120.8	5.21	133.5	5.95
	80	68.3	2.93	81.0	3.58	94.5	4.29	100.5	4.68	107.3	5.07	120.8	5.84	133.5	6.72
	85	68.3	3.12	81.0	3.80	94.5	4.56	100.5	4.99	107.3	5.43	120.8	6.15	133.5	6.94
	90	68.3	3.49	81.0	4.29	94.5	5.16	100.5	5.64	107.3	6.10	120.8	6.87	133.5	7.57
	95	68.3	3.70	81.0	4.55	94.5	5.48	**100.5**	**6.01**	107.3	6.46	120.8	7.18	133.5	7.97
	100	68.3	3.97	81.0	4.89	94.5	5.91	100.5	6.47	107.3	6.75	120.8	7.62	133.5	8.31
	105	68.3	4.51	81.0	5.57	94.5	6.52	100.5	6.90	107.3	7.34	120.8	8.09	133.5	9.06
	110	68.3	5.07	81.0	6.32	94.5	7.04	100.5	7.32	107.3	7.93	120.8	8.65	133.5	9.88
	115	68.3	5.43	81.0	6.74	94.5	7.31	100.5	7.75	107.3	8.22	120.8	9.15	133.5	10.56
	118	68.3	5.75	81.0	7.15	94.5	7.76	100.5	8.23	107.3	8.74	117.6	8.83	116.6	9.95
	122	68.3	6.20	81.0	7.73	94.5	8.41	93.9	8.35	90.9	7.73	94.4	6.69	93.9	7.56

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Cooling Capacity ARUN168BTE4, ARUN168DTE4 / ARUB168BTE4, ARUB168DTE4

168,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
50%	-9.9	56.7	1.52	67.5	1.79	78.8	2.01	84.0	2.16	89.3	2.33	100.5	2.58	111.0	2.86
	-5	56.7	1.61	67.5	1.89	78.8	2.12	84.0	2.28	89.3	2.45	100.5	2.72	111.0	3.02
	0	56.7	1.67	67.5	1.97	78.8	2.20	84.0	2.37	89.3	2.55	100.5	2.83	111.0	3.14
	5	56.7	1.73	67.5	2.04	78.8	2.28	84.0	2.46	89.3	2.65	100.5	2.94	111.0	3.26
	10	56.7	1.78	67.5	2.10	78.8	2.35	84.0	2.53	89.3	2.72	100.5	3.02	111.0	3.35
	14	56.7	1.85	67.5	2.17	78.8	2.43	84.0	2.62	89.3	2.82	100.5	3.13	111.0	3.47
	20	56.7	1.92	67.5	2.24	78.8	2.53	84.0	2.72	89.3	2.91	100.5	3.25	111.0	3.60
	25	56.7	1.97	67.5	2.30	78.8	2.62	84.0	2.80	89.3	2.99	100.5	3.34	111.0	3.71
	30	56.7	2.03	67.5	2.36	78.8	2.70	84.0	2.87	89.3	3.07	100.5	3.44	111.0	3.82
	35	56.7	2.08	67.5	2.42	78.8	2.77	84.0	2.95	89.3	3.15	100.5	3.53	111.0	3.92
	40	56.7	2.14	67.5	2.48	78.8	2.84	84.0	3.02	89.3	3.23	100.5	3.62	111.0	4.03
	45	56.7	2.17	67.5	2.51	78.8	2.88	84.0	3.07	89.3	3.27	100.5	3.67	111.0	4.08
	50	56.7	2.20	67.5	2.55	78.8	2.92	84.0	3.11	89.3	3.32	100.5	3.72	111.0	4.14
	55	56.7	2.25	67.5	2.60	78.8	2.97	84.0	3.16	89.3	3.37	100.5	3.79	111.0	4.21
	60	56.7	2.29	67.5	2.67	78.8	3.07	84.0	3.28	89.3	3.49	100.5	3.91	111.0	4.38
	65	56.7	2.32	67.5	2.71	78.8	3.11	84.0	3.32	89.3	3.53	100.5	3.98	111.0	4.45
	70	56.7	2.39	67.5	2.76	78.8	3.18	84.0	3.42	89.3	3.63	100.5	4.09	111.0	4.59
	75	56.7	2.41	67.5	2.81	78.8	3.25	84.0	3.46	89.3	3.70	100.5	4.16	111.0	4.68
	80	56.7	2.48	67.5	2.97	78.8	3.49	84.0	3.77	89.3	4.05	100.5	4.66	111.0	5.31
	85	56.7	2.64	67.5	3.14	78.8	3.70	84.0	4.00	89.3	4.31	100.5	4.96	111.0	5.66
	90	56.7	2.95	67.5	3.51	78.8	4.16	84.0	4.49	89.3	4.84	100.5	5.59	111.0	6.41
	95	56.7	3.11	67.5	3.72	78.8	4.40	**84.0**	**4.77**	89.3	5.15	100.5	5.94	111.0	6.81
	100	56.7	3.28	67.5	3.93	78.8	4.66	84.0	5.05	89.3	5.45	100.5	6.32	111.0	7.23
	105	56.7	3.58	67.5	4.34	78.8	5.15	84.0	5.58	89.3	6.03	100.5	7.00	111.0	8.04
	110	56.7	3.95	67.5	4.80	78.8	5.71	84.0	6.20	89.3	6.71	100.5	7.81	111.0	8.98
	115	56.7	4.23	67.5	5.15	78.8	6.13	84.0	6.67	89.3	7.23	100.5	8.42	111.0	9.69
	118	56.7	4.57	67.5	5.58	78.8	6.66	84.0	7.25	89.3	7.87	100.5	8.83	111.0	9.95
	122	56.7	5.05	67.5	6.17	78.8	7.37	84.0	8.05	89.3	7.73	94.4	6.69	93.9	7.56

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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PERFORMANCE DATA

ARUN192BTE4, ARUN192DTE4 / ARUB192BTE4, ARUB192DTE4 Cooling Capacity

192,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
130%	-9.9	174.6	3.91	207.4	4.74	241.1	5.63	249.9	6.07	253.5	6.55	262.3	7.51	268.5	7.76
	-5	174.6	4.12	207.4	5.00	241.1	5.94	249.9	6.41	253.5	6.91	262.3	7.92	268.5	8.19
	0	174.6	4.29	207.4	5.20	241.1	6.18	249.9	6.67	253.5	7.19	262.3	8.24	268.5	8.52
	5	174.6	4.44	207.4	5.39	241.1	6.40	249.9	6.91	253.5	7.45	262.3	8.54	268.5	8.83
	10	174.6	4.57	207.4	5.55	241.1	6.59	249.9	7.11	253.5	7.67	262.3	8.79	268.5	9.08
	14	174.6	4.74	207.4	5.75	241.1	6.83	249.9	7.36	253.5	7.94	262.3	9.11	268.5	9.41
	20	174.6	4.82	207.4	5.84	241.1	6.92	249.9	7.48	253.5	8.06	262.3	9.23	268.5	9.55
	25	174.6	4.89	207.4	5.92	241.1	7.01	249.9	7.57	253.5	8.15	262.3	9.34	268.5	9.66
	30	174.6	4.95	207.4	5.99	241.1	7.09	249.9	7.66	253.5	8.24	262.3	9.44	268.5	9.77
	35	174.6	5.01	207.4	6.07	241.1	7.17	249.9	7.75	253.5	8.34	262.3	9.56	268.5	9.89
	40	174.6	5.07	207.4	6.14	241.1	7.26	249.9	7.85	253.5	8.44	262.3	9.67	268.5	10.01
	45	174.6	5.12	207.4	6.20	241.1	7.34	249.9	7.93	253.5	8.52	262.3	9.77	268.5	10.11
	50	174.6	5.18	207.4	6.26	241.1	7.41	249.9	8.01	253.5	8.61	262.3	9.87	268.5	10.21
	55	174.6	5.26	207.4	6.38	241.1	7.55	246.4	8.18	249.9	8.78	258.7	10.04	265.0	10.28
	60	174.6	5.43	207.4	6.61	237.5	7.87	240.9	8.49	243.7	9.12	252.4	10.35	258.7	10.40
	65	174.6	5.55	207.4	6.75	234.0	8.01	237.5	8.67	240.2	9.30	248.9	10.70	255.1	10.78
	70	174.6	5.34	207.4	6.49	229.5	7.98	232.2	8.78	235.8	9.64	244.4	10.70	250.6	10.81
	75	174.6	5.47	207.4	6.91	226.0	8.54	228.7	9.42	232.2	10.33	240.8	11.21	247.1	11.29
	80	174.6	6.22	207.4	7.88	219.8	9.77	222.5	10.79	226.0	11.85	234.5	12.17	240.8	12.28
	85	174.6	6.62	207.4	8.41	216.3	10.44	219.8	11.51	222.5	12.57	230.9	12.68	237.2	12.79
	90	174.6	7.50	203.8	9.56	210.0	11.85	212.7	13.11	216.3	13.56	224.7	13.67	230.9	13.80
	95	176.5	7.96	202.4	10.17	208.7	12.65	**212.3**	**13.99**	215.0	14.04	223.5	14.18	229.8	14.31
	100	176.5	8.61	198.8	11.00	205.1	13.72	208.7	14.72	211.4	14.80	220.7	14.94	227.1	15.08
	105	176.5	9.71	193.5	12.45	199.7	15.47	202.8	15.83	205.9	15.91	213.0	16.06	216.1	16.21
	110	176.5	10.90	185.5	14.03	193.3	16.88	193.8	16.96	196.7	17.02	200.9	17.18	201.6	17.35
	115	175.6	12.61	178.8	16.13	178.8	17.79	178.8	17.79	178.8	17.79	181.3	17.82	182.2	17.85
	118	152.7	10.69	155.4	13.67	155.6	14.96	155.6	15.09	155.6	15.09	157.9	15.12	157.2	15.15
	122	122.0	8.11	124.7	10.39	124.0	11.39	124.4	11.42	124.7	11.43	126.8	11.46	126.6	11.51
120%	-9.9	158.9	3.68	189.6	4.46	220.3	5.28	236.1	5.70	246.7	6.14	257.9	7.04	263.2	7.28
	-5	158.9	3.88	189.6	4.71	220.3	5.58	236.1	6.01	246.7	6.48	257.9	7.43	263.2	7.68
	0	158.9	4.04	189.6	4.90	220.3	5.80	236.1	6.25	246.7	6.74	257.9	7.73	263.2	7.99
	5	158.9	4.19	189.6	5.08	220.3	6.01	236.1	6.48	246.7	6.99	257.9	8.01	263.2	8.28
	10	158.9	4.31	189.6	5.22	220.3	6.18	236.1	6.67	246.7	7.19	257.9	8.24	263.2	8.52
	14	158.9	4.46	189.6	5.41	220.3	6.41	236.1	6.91	246.7	7.45	257.9	8.54	263.2	8.83
	20	158.9	4.53	189.6	5.49	220.3	6.50	236.1	7.02	246.7	7.56	257.9	8.66	263.2	8.96
	25	158.9	4.59	189.6	5.56	220.3	6.58	236.1	7.11	246.7	7.65	257.9	8.76	263.2	9.07
	30	158.9	4.65	189.6	5.63	220.3	6.66	236.1	7.19	246.7	7.73	257.9	8.87	263.2	9.17
	35	158.9	4.71	189.6	5.69	220.3	6.74	236.1	7.29	246.7	7.83	257.9	8.97	263.2	9.29
	40	158.9	4.77	189.6	5.77	220.3	6.82	236.1	7.38	246.7	7.93	257.9	9.09	263.2	9.40
	45	158.9	4.83	189.6	5.83	220.3	6.90	236.1	7.46	246.7	8.02	257.9	9.19	263.2	9.51
	50	158.9	4.88	189.6	5.90	220.3	6.98	236.1	7.54	246.7	8.11	257.9	9.29	263.2	9.62
	55	158.9	4.96	189.6	6.01	220.3	7.11	236.1	7.70	244.0	8.27	254.3	9.45	260.5	9.69
	60	158.9	5.12	189.6	6.22	220.3	7.41	234.4	8.00	237.0	8.59	248.0	9.75	253.4	9.92
	65	158.9	5.23	189.6	6.36	220.3	7.54	230.9	8.16	234.4	8.75	244.4	10.07	250.7	10.15
	70	158.9	5.13	189.6	6.23	220.3	7.66	226.5	8.43	229.1	9.25	240.0	10.28	245.3	10.38
	75	158.9	5.25	189.6	6.64	220.3	8.20	223.0	9.05	226.5	9.92	236.4	10.76	242.6	10.84
	80	158.9	5.97	189.6	7.56	214.2	9.38	216.8	10.35	219.5	11.38	230.1	11.69	235.5	11.79
	85	158.9	6.36	189.6	8.07	210.7	10.02	213.3	11.05	216.8	12.07	226.5	12.17	232.8	12.28
	90	158.9	7.20	189.6	9.17	204.5	11.38	207.2	12.58	209.8	13.02	220.3	13.12	225.6	13.25
	95	160.6	7.64	191.6	9.76	203.1	12.15	**205.8**	**13.43**	209.3	13.48	219.0	13.61	225.3	13.74
	100	160.6	8.27	191.6	10.56	199.6	13.17	203.1	14.13	205.8	14.21	216.2	14.34	221.7	14.47
	105	160.6	9.31	188.6	11.96	194.3	14.86	197.4	15.20	200.0	15.28	209.9	15.41	213.4	15.55
	110	160.6	10.46	183.8	13.47	189.7	16.20	190.3	16.28	193.1	16.33	199.1	16.49	199.9	16.65
	115	156.1	12.11	177.0	15.49	177.0	17.08	177.0	17.08	177.0	17.08	181.4	17.11	182.2	17.14
	118	139.4	10.69	153.9	13.12	154.1	14.36	154.1	14.49	154.1	14.49	157.9	14.52	157.3	14.54
	122	111.4	8.11	123.5	9.98	122.8	10.93	123.2	10.96	123.5	10.97	126.8	11.00	126.6	11.05

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Cooling Capacity ARUN192BTE4, ARUN192DTE4 / ARUB192BTE4, ARUB192DTE4

192,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
110%	-9.9	147.2	3.39	175.6	4.09	204.0	4.85	218.2	5.25	232.4	5.63	256.1	6.42	261.5	6.66
	-5	147.2	3.58	175.6	4.31	204.0	5.11	218.2	5.54	232.4	5.94	256.1	6.78	261.5	7.03
	0	147.2	3.72	175.6	4.49	204.0	5.32	218.2	5.77	232.4	6.18	256.1	7.05	261.5	7.31
	5	147.2	3.86	175.6	4.65	204.0	5.51	218.2	5.98	232.4	6.40	256.1	7.31	261.5	7.58
	10	147.2	3.97	175.6	4.79	204.0	5.67	218.2	6.15	232.4	6.59	256.1	7.52	261.5	7.80
	14	147.2	4.11	175.6	4.96	204.0	5.88	218.2	6.37	232.4	6.83	256.1	7.79	261.5	8.08
	20	147.2	4.17	175.6	5.04	204.0	5.97	218.2	6.46	232.4	6.93	256.1	7.92	261.5	8.21
	25	147.2	4.22	175.6	5.10	204.0	6.04	218.2	6.53	232.4	7.02	256.1	8.03	261.5	8.31
	30	147.2	4.27	175.6	5.17	204.0	6.11	218.2	6.61	232.4	7.10	256.1	8.14	261.5	8.41
	35	147.2	4.34	175.6	5.24	204.0	6.20	218.2	6.70	232.4	7.21	256.1	8.26	261.5	8.55
	40	147.2	4.39	175.6	5.32	204.0	6.29	218.2	6.80	232.4	7.31	256.1	8.38	261.5	8.66
	45	147.2	4.47	175.6	5.40	204.0	6.39	218.2	6.91	232.4	7.43	256.1	8.51	261.5	8.80
	50	147.2	4.54	175.6	5.49	204.0	6.50	218.2	7.02	232.4	7.55	256.1	8.65	261.5	8.94
	55	147.2	4.61	175.6	5.59	204.0	6.62	218.2	7.17	232.4	7.70	252.4	8.80	257.9	9.02
	60	147.2	4.77	175.6	5.79	204.0	6.90	218.2	7.45	232.4	8.00	246.1	9.08	251.5	9.16
	65	147.2	4.87	175.6	5.92	204.0	7.02	218.2	7.60	232.4	8.15	242.5	9.38	247.9	9.46
	70	147.2	4.91	175.6	5.97	204.0	7.35	218.2	8.08	228.0	8.87	238.0	9.85	243.4	9.95
	75	147.2	5.04	175.6	6.36	204.0	7.86	218.2	8.67	224.4	9.51	234.3	10.32	239.8	10.39
	80	145.7	5.73	173.8	7.25	201.9	8.99	213.4	9.93	216.0	10.91	225.7	11.21	231.1	11.30
	85	145.7	6.09	173.8	7.74	201.9	9.61	209.8	10.59	212.5	11.57	222.1	11.67	227.5	11.77
	90	145.7	6.91	173.8	8.80	201.1	10.91	203.7	12.07	206.3	12.48	215.8	12.58	221.2	12.70
	95	145.7	7.32	173.8	9.36	197.5	11.65	**200.2**	**12.88**	202.8	12.93	212.2	13.05	217.6	13.17
	100	145.7	7.93	173.8	10.13	194.9	12.63	197.5	13.55	200.2	13.63	209.6	13.75	214.9	13.88
	105	145.7	8.93	173.8	11.46	188.8	14.25	191.5	14.58	194.1	14.65	203.4	14.78	208.6	14.92
	110	145.7	10.03	173.8	12.91	183.0	15.53	183.5	15.61	186.3	15.66	192.1	15.82	192.8	15.97
	115	145.7	11.61	173.8	14.85	175.2	16.38	175.2	16.38	176.0	16.38	179.5	16.41	180.3	16.44
	118	140.8	10.58	151.2	12.58	152.6	13.77	152.6	13.90	153.2	13.90	156.3	13.92	155.7	13.95
	122	112.5	8.02	121.2	9.57	121.6	10.48	121.9	10.51	122.7	10.52	125.5	10.55	125.3	10.60
100%	-9.9	129.4	2.98	154.3	3.60	179.1	4.26	192.0	4.65	211.0	5.03	236.6	5.80	249.8	6.04
	-5	129.4	3.15	154.3	3.80	179.1	4.50	192.0	4.90	211.0	5.31	236.6	6.12	249.8	6.37
	0	129.4	3.27	154.3	3.95	179.1	4.68	192.0	5.10	211.0	5.52	236.6	6.37	249.8	6.63
	5	129.4	3.39	154.3	4.09	179.1	4.85	192.0	5.29	211.0	5.72	236.6	6.60	249.8	6.87
	10	129.4	3.49	154.3	4.21	179.1	4.99	192.0	5.44	211.0	5.89	236.6	6.79	249.8	7.07
	14	129.4	3.62	154.3	4.36	179.1	5.17	192.0	5.64	211.0	6.10	236.6	7.04	249.8	7.33
	20	129.4	3.73	154.3	4.51	179.1	5.34	192.0	5.80	211.0	6.29	236.6	7.24	249.8	7.54
	25	129.4	3.82	154.3	4.62	179.1	5.47	192.0	5.93	211.0	6.45	236.6	7.41	249.8	7.71
	30	129.4	3.92	154.3	4.74	179.1	5.61	192.0	6.06	211.0	6.62	236.6	7.58	249.8	7.88
	35	129.4	3.98	154.3	4.82	179.1	5.70	192.0	6.16	211.0	6.72	236.6	7.71	249.8	8.02
	40	129.4	4.05	154.3	4.89	179.1	5.79	192.0	6.26	211.0	6.83	236.6	7.83	249.8	8.14
	45	129.4	4.14	154.3	5.00	179.1	5.90	192.0	6.39	211.0	6.97	236.6	7.99	249.8	8.31
	50	129.4	4.21	154.3	5.10	179.1	6.03	192.0	6.52	211.0	7.11	236.6	8.15	249.8	8.48
	55	129.4	4.28	154.3	5.19	179.1	6.15	192.0	6.66	211.0	7.25	236.6	8.29	247.2	8.60
	60	129.4	4.42	154.3	5.38	179.1	6.40	192.0	6.91	211.0	7.54	235.7	8.55	240.1	8.76
	65	129.4	4.52	154.3	5.49	179.1	6.52	192.0	7.05	211.0	7.68	232.2	8.84	237.5	9.01
	70	129.4	4.66	154.3	5.66	179.1	6.96	192.0	7.66	211.0	8.53	227.8	9.48	232.2	9.64
	75	129.4	4.77	154.3	6.03	179.1	7.45	192.0	8.22	211.0	9.15	224.2	9.93	229.5	10.05
	80	129.4	5.42	154.3	6.87	179.1	8.52	192.0	9.41	211.0	10.49	218.1	10.78	222.5	10.92
	85	129.4	5.77	154.3	7.33	179.1	9.10	192.0	10.03	210.1	11.13	214.5	11.23	219.8	11.38
	90	129.4	6.54	154.3	8.34	179.1	10.34	192.0	11.43	203.1	12.00	208.4	12.10	212.8	12.28
	95	129.4	6.94	154.3	8.87	179.1	11.04	**192.0**	**12.20**	200.4	12.43	204.8	12.55	210.1	12.73
	100	129.4	7.49	154.3	9.57	179.1	11.94	188.6	12.81	197.0	13.07	202.1	13.19	206.7	13.38
	105	129.4	8.42	154.3	10.78	178.2	13.42	183.4	13.73	191.0	14.01	196.0	14.13	200.8	14.32
	110	129.4	9.41	154.3	12.11	176.1	14.57	180.1	14.64	183.7	14.91	186.7	15.05	190.0	15.27
	115	129.4	10.81	154.3	13.83	167.6	15.25	172.8	15.25	177.1	15.48	178.8	15.51	179.6	15.61
	118	129.4	10.90	135.3	12.97	145.9	12.82	150.5	12.94	154.2	13.13	155.7	13.16	155.0	13.25
	122	110.7	9.87	108.5	9.86	116.3	9.76	120.2	9.79	123.5	9.94	125.0	9.97	124.8	10.06

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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PERFORMANCE DATA

ARUN192BTE4, ARUN192DTE4 / ARUB192BTE4, ARUB192DTE4 Cooling Capacity

192,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
90%	-9.9	116.6	2.66	138.9	3.19	162.0	3.77	173.1	4.05	184.3	4.33	206.6	4.98	228.9	5.47
	-5	116.6	2.81	138.9	3.36	162.0	3.97	173.1	4.27	184.3	4.57	206.6	5.26	228.9	5.77
	0	116.6	2.92	138.9	3.50	162.0	4.13	173.1	4.45	184.3	4.75	206.6	5.47	228.9	6.01
	5	116.6	3.03	138.9	3.63	162.0	4.28	173.1	4.61	184.3	4.92	206.6	5.67	228.9	6.22
	10	116.6	3.11	138.9	3.73	162.0	4.41	173.1	4.74	184.3	5.06	206.6	5.83	228.9	6.40
	14	116.6	3.23	138.9	3.87	162.0	4.57	173.1	4.91	184.3	5.25	206.6	6.04	228.9	6.64
	20	116.6	3.34	138.9	4.01	162.0	4.74	173.1	5.10	184.3	5.47	206.6	6.26	228.9	6.89
	25	116.6	3.44	138.9	4.14	162.0	4.88	173.1	5.26	184.3	5.65	206.6	6.44	228.9	7.10
	30	116.6	3.54	138.9	4.26	162.0	5.02	173.1	5.42	184.3	5.83	206.6	6.62	228.9	7.31
	35	116.6	3.65	138.9	4.39	162.0	5.17	173.1	5.58	184.3	6.00	206.6	6.82	228.9	7.54
	40	116.6	3.75	138.9	4.52	162.0	5.33	173.1	5.75	184.3	6.19	206.6	7.03	228.9	7.76
	45	116.6	3.84	138.9	4.62	162.0	5.45	173.1	5.88	184.3	6.33	206.6	7.19	228.9	7.94
	50	116.6	3.93	138.9	4.73	162.0	5.57	173.1	6.01	184.3	6.47	206.6	7.35	228.9	8.12
	55	116.6	3.97	138.9	4.80	162.0	5.67	173.1	6.13	184.3	6.59	206.6	7.49	228.9	8.19
	60	116.6	4.12	138.9	4.99	162.0	5.89	173.1	6.37	184.3	6.86	206.6	7.78	226.9	8.28
	65	116.6	4.19	138.9	5.09	162.0	6.01	173.1	6.50	184.3	6.98	206.6	7.93	225.4	8.70
	70	116.6	4.31	138.9	5.24	162.0	6.23	173.1	6.86	184.3	7.49	206.6	8.84	221.1	9.34
	75	116.6	4.39	138.9	5.48	162.0	6.67	173.1	7.34	184.3	8.05	206.6	9.23	217.7	9.76
	80	116.6	4.92	138.9	6.20	162.0	7.61	173.1	8.39	184.3	9.19	206.6	10.20	211.7	10.61
	85	116.6	5.24	138.9	6.62	162.0	8.14	173.1	8.94	184.3	9.82	204.0	10.74	208.3	11.05
	90	116.6	5.91	138.9	7.49	162.0	9.23	173.1	10.18	184.3	11.17	198.0	11.75	202.3	11.93
	95	116.6	6.30	138.9	7.95	162.0	9.84	**173.1**	**10.86**	184.3	11.92	194.6	12.20	198.9	12.37
	100	116.6	6.51	138.9	8.29	162.0	10.25	173.1	11.29	184.3	12.19	192.0	12.73	195.4	12.86
	105	116.6	7.54	138.9	9.61	162.0	11.59	173.1	12.36	182.2	13.07	186.0	13.64	188.5	13.81
	110	116.6	8.66	138.9	11.09	162.0	12.71	173.1	13.35	174.9	14.17	177.2	14.65	178.6	14.82
	115	116.6	9.38	138.9	12.02	151.7	13.39	164.2	13.96	166.5	14.62	168.0	14.94	168.8	15.13
	118	116.6	9.96	135.3	12.97	132.1	11.26	142.9	11.85	145.0	12.41	146.3	12.68	145.7	12.84
	122	110.7	9.87	108.5	9.86	105.3	8.57	114.2	8.96	116.1	9.39	117.5	9.61	117.3	9.76
80%	-9.9	103.7	2.30	123.4	2.78	144.0	3.22	153.4	3.50	163.7	3.78	183.4	4.31	203.1	4.80
	-5	103.7	2.43	123.4	2.93	144.0	3.40	153.4	3.69	163.7	3.98	183.4	4.55	203.1	5.07
	0	103.7	2.53	123.4	3.05	144.0	3.54	153.4	3.84	163.7	4.14	183.4	4.73	203.1	5.27
	5	103.7	2.62	123.4	3.16	144.0	3.67	153.4	3.98	163.7	4.29	183.4	4.90	203.1	5.46
	10	103.7	2.70	123.4	3.25	144.0	3.77	153.4	4.10	163.7	4.42	183.4	5.04	203.1	5.62
	14	103.7	2.79	123.4	3.37	144.0	3.91	153.4	4.25	163.7	4.58	183.4	5.23	203.1	5.82
	20	103.7	2.90	123.4	3.49	144.0	4.07	153.4	4.41	163.7	4.74	183.4	5.42	203.1	6.05
	25	103.7	2.99	123.4	3.59	144.0	4.20	153.4	4.54	163.7	4.87	183.4	5.58	203.1	6.23
	30	103.7	3.08	123.4	3.69	144.0	4.33	153.4	4.67	163.7	5.00	183.4	5.73	203.1	6.42
	35	103.7	3.16	123.4	3.79	144.0	4.45	153.4	4.79	163.7	5.14	183.4	5.89	203.1	6.60
	40	103.7	3.25	123.4	3.89	144.0	4.57	153.4	4.93	163.7	5.28	183.4	6.05	203.1	6.78
	45	103.7	3.29	123.4	3.94	144.0	4.64	153.4	5.00	163.7	5.34	183.4	6.14	203.1	6.87
	50	103.7	3.34	123.4	4.00	144.0	4.69	153.4	5.07	163.7	5.42	183.4	6.22	203.1	6.96
	55	103.7	3.39	123.4	4.07	144.0	4.78	153.4	5.15	163.7	5.52	183.4	6.34	203.1	7.08
	60	103.7	3.51	123.4	4.20	144.0	4.95	153.4	5.34	163.7	5.74	183.4	6.56	203.1	7.37
	65	103.7	3.56	123.4	4.29	144.0	5.05	153.4	5.44	163.7	5.86	183.4	6.68	203.1	7.54
	70	103.7	3.66	123.4	4.41	144.0	5.20	153.4	5.61	163.7	6.10	183.4	7.20	203.1	8.34
	75	103.7	3.73	123.4	4.49	144.0	5.46	153.4	5.98	163.7	6.51	183.4	7.66	203.1	8.79
	80	103.7	4.08	123.4	5.10	144.0	6.22	153.4	6.79	163.7	7.42	183.4	8.81	203.1	9.82
	85	103.7	4.35	123.4	5.42	144.0	6.63	153.4	7.25	163.7	7.95	183.4	9.39	203.1	10.08
	90	103.7	4.90	123.4	6.15	144.0	7.49	153.4	8.24	163.7	9.03	183.4	10.32	199.8	10.68
	95	103.7	5.20	123.4	6.51	144.0	8.00	**153.4**	**8.74**	163.7	9.61	183.4	10.68	195.5	10.97
	100	103.7	5.61	123.4	7.02	144.0	8.62	153.4	9.37	163.7	9.99	183.4	11.12	191.1	11.32
	105	103.7	6.39	123.4	8.03	144.0	9.60	153.4	10.05	163.7	10.71	181.2	11.55	185.7	11.88
	110	103.7	7.25	123.4	9.15	144.0	10.19	153.4	10.74	163.7	11.54	174.9	11.98	175.7	12.49
	115	103.7	7.76	123.4	9.78	144.0	10.53	153.4	11.29	153.4	11.81	154.4	12.25	154.4	12.99
	118	103.7	8.24	123.4	10.39	132.1	11.26	134.8	10.71	133.6	10.02	134.4	10.39	133.3	11.02
	122	103.7	8.91	108.9	9.80	105.3	8.57	107.7	8.10	107.0	7.59	107.9	7.88	107.3	8.38

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Cooling Capacity ARUN192BTE4, ARUN192DTE4 / ARUB192BTE4, ARUB192DTE4

192,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
70%	-9.9	90.9	2.03	108.0	2.42	126.0	2.85	134.6	3.05	143.1	3.25	160.3	3.72	178.3	4.16
	-5	90.9	2.15	108.0	2.55	126.0	3.00	134.6	3.21	143.1	3.42	160.3	3.92	178.3	4.39
	0	90.9	2.23	108.0	2.65	126.0	3.12	134.6	3.34	143.1	3.56	160.3	4.08	178.3	4.57
	5	90.9	2.31	108.0	2.75	126.0	3.24	134.6	3.46	143.1	3.69	160.3	4.23	178.3	4.73
	10	90.9	2.38	108.0	2.83	126.0	3.33	134.6	3.56	143.1	3.80	160.3	4.35	178.3	4.87
	14	90.9	2.47	108.0	2.93	126.0	3.45	134.6	3.69	143.1	3.94	160.3	4.51	178.3	5.05
	20	90.9	2.55	108.0	3.03	126.0	3.56	134.6	3.81	143.1	4.07	160.3	4.65	178.3	5.21
	25	90.9	2.62	108.0	3.11	126.0	3.65	134.6	3.92	143.1	4.18	160.3	4.77	178.3	5.36
	30	90.9	2.69	108.0	3.19	126.0	3.74	134.6	4.02	143.1	4.30	160.3	4.89	178.3	5.50
	35	90.9	2.77	108.0	3.28	126.0	3.84	134.6	4.12	143.1	4.42	160.3	5.01	178.3	5.65
	40	90.9	2.84	108.0	3.36	126.0	3.94	134.6	4.23	143.1	4.53	160.3	5.15	178.3	5.79
	45	90.9	2.88	108.0	3.42	126.0	4.00	134.6	4.31	143.1	4.60	160.3	5.23	178.3	5.88
	50	90.9	2.93	108.0	3.47	126.0	4.07	134.6	4.37	143.1	4.68	160.3	5.32	178.3	5.98
	55	90.9	2.98	108.0	3.54	126.0	4.13	134.6	4.44	143.1	4.76	160.3	5.42	178.3	6.10
	60	90.9	3.07	108.0	3.66	126.0	4.29	134.6	4.61	143.1	4.93	160.3	5.63	178.3	6.34
	65	90.9	3.12	108.0	3.73	126.0	4.35	134.6	4.69	143.1	5.03	160.3	5.73	178.3	6.44
	70	90.9	3.20	108.0	3.83	126.0	4.49	134.6	4.83	143.1	5.19	160.3	5.93	178.3	6.85
	75	90.9	3.25	108.0	3.90	126.0	4.58	134.6	5.00	143.1	5.42	160.3	6.34	178.3	7.25
	80	90.9	3.51	108.0	4.30	126.0	5.20	134.6	5.68	143.1	6.15	160.3	7.01	178.3	8.04
	85	90.9	3.73	108.0	4.58	126.0	5.54	134.6	6.05	143.1	6.63	160.3	7.47	178.3	8.38
	90	90.9	4.19	108.0	5.17	126.0	6.27	134.6	6.85	143.1	7.49	160.3	8.32	178.3	9.10
	95	90.9	4.42	108.0	5.49	126.0	6.68	**134.6**	**7.30**	143.1	7.95	160.3	8.75	178.3	9.37
	100	90.9	4.78	108.0	5.93	126.0	7.20	134.6	7.88	143.1	8.18	160.3	9.16	178.3	9.63
	105	90.9	5.42	108.0	6.76	126.0	7.94	134.6	8.41	143.1	8.89	160.3	9.65	178.3	10.20
	110	90.9	6.10	108.0	7.66	126.0	8.40	134.6	8.91	143.1	9.64	160.3	10.05	173.1	10.97
	115	90.9	6.56	108.0	8.17	126.0	8.69	134.6	9.42	143.1	9.92	160.3	10.36	163.2	11.67
	118	90.9	6.96	108.0	8.68	126.0	9.24	134.6	9.98	130.2	9.92	134.4	8.79	133.3	9.91
	122	90.9	7.51	108.0	9.40	112.5	8.82	107.5	8.21	104.3	7.51	107.9	6.66	107.3	7.53
60%	-9.9	78.0	1.76	92.6	2.05	108.0	2.40	114.9	2.57	122.6	2.76	138.0	3.13	152.6	3.50
	-5	78.0	1.86	92.6	2.16	108.0	2.53	114.9	2.71	122.6	2.92	138.0	3.30	152.6	3.69
	0	78.0	1.94	92.6	2.25	108.0	2.64	114.9	2.82	122.6	3.03	138.0	3.44	152.6	3.84
	5	78.0	2.01	92.6	2.33	108.0	2.73	114.9	2.92	122.6	3.14	138.0	3.56	152.6	3.98
	10	78.0	2.06	92.6	2.40	108.0	2.81	114.9	3.00	122.6	3.24	138.0	3.66	152.6	4.09
	14	78.0	2.14	92.6	2.48	108.0	2.91	114.9	3.11	122.6	3.35	138.0	3.80	152.6	4.24
	20	78.0	2.20	92.6	2.57	108.0	3.01	114.9	3.22	122.6	3.46	138.0	3.92	152.6	4.39
	25	78.0	2.26	92.6	2.65	108.0	3.09	114.9	3.31	122.6	3.55	138.0	4.03	152.6	4.51
	30	78.0	2.31	92.6	2.72	108.0	3.17	114.9	3.40	122.6	3.64	138.0	4.13	152.6	4.64
	35	78.0	2.37	92.6	2.79	108.0	3.25	114.9	3.49	122.6	3.73	138.0	4.23	152.6	4.76
	40	78.0	2.43	92.6	2.86	108.0	3.33	114.9	3.58	122.6	3.83	138.0	4.35	152.6	4.88
	45	78.0	2.45	92.6	2.89	108.0	3.36	114.9	3.61	122.6	3.87	138.0	4.38	152.6	4.92
	50	78.0	2.47	92.6	2.91	108.0	3.39	114.9	3.64	122.6	3.90	138.0	4.42	152.6	4.96
	55	78.0	2.51	92.6	2.97	108.0	3.46	114.9	3.71	122.6	3.97	138.0	4.51	152.6	5.05
	60	78.0	2.59	92.6	3.07	108.0	3.58	114.9	3.85	122.6	4.12	138.0	4.66	152.6	5.25
	65	78.0	2.63	92.6	3.12	108.0	3.64	114.9	3.91	122.6	4.19	138.0	4.76	152.6	5.35
	70	78.0	2.69	92.6	3.20	108.0	3.74	114.9	4.02	122.6	4.30	138.0	4.90	152.6	5.56
	75	78.0	2.75	92.6	3.25	108.0	3.81	114.9	4.10	122.6	4.44	138.0	5.19	152.6	5.92
	80	78.0	2.91	92.6	3.56	108.0	4.27	114.9	4.66	122.6	5.05	138.0	5.81	152.6	6.69
	85	78.0	3.10	92.6	3.78	108.0	4.54	114.9	4.96	122.6	5.41	138.0	6.12	152.6	6.90
	90	78.0	3.47	92.6	4.27	108.0	5.13	114.9	5.61	122.6	6.07	138.0	6.84	152.6	7.53
	95	78.0	3.68	92.6	4.52	108.0	5.46	**114.9**	**5.98**	122.6	6.43	138.0	7.15	152.6	7.93
	100	78.0	3.95	92.6	4.86	108.0	5.88	114.9	6.44	122.6	6.72	138.0	7.58	152.6	8.27
	105	78.0	4.49	92.6	5.54	108.0	6.49	114.9	6.87	122.6	7.31	138.0	8.05	152.6	9.02
	110	78.0	5.05	92.6	6.29	108.0	7.00	114.9	7.29	122.6	7.90	138.0	8.61	152.6	9.83
	115	78.0	5.41	92.6	6.71	108.0	7.28	114.9	7.71	122.6	8.18	138.0	9.10	152.6	10.51
	118	78.0	5.72	92.6	7.12	108.0	7.73	114.9	8.19	122.6	8.70	134.4	8.79	133.3	9.91
	122	78.0	6.17	92.6	7.70	108.0	8.37	107.3	8.31	103.8	7.69	107.9	6.66	107.3	7.53

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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LG

ARUN192BTE4, ARUN192DTE4 / ARUB192BTE4, ARUB192DTE4 Cooling Capacity

192,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
50%	-9.9	64.8	1.52	77.1	1.78	90.0	2.00	96.0	2.15	102.0	2.32	114.9	2.57	126.9	2.85
	-5	64.8	1.60	77.1	1.88	90.0	2.11	96.0	2.27	102.0	2.44	114.9	2.71	126.9	3.01
	0	64.8	1.66	77.1	1.96	90.0	2.19	96.0	2.36	102.0	2.54	114.9	2.82	126.9	3.13
	5	64.8	1.72	77.1	2.03	90.0	2.27	96.0	2.45	102.0	2.63	114.9	2.92	126.9	3.24
	10	64.8	1.77	77.1	2.09	90.0	2.34	96.0	2.52	102.0	2.71	114.9	3.01	126.9	3.33
	14	64.8	1.84	77.1	2.16	90.0	2.42	96.0	2.61	102.0	2.81	114.9	3.12	126.9	3.46
	20	64.8	1.91	77.1	2.23	90.0	2.52	96.0	2.70	102.0	2.90	114.9	3.23	126.9	3.59
	25	64.8	1.96	77.1	2.29	90.0	2.60	96.0	2.78	102.0	2.98	114.9	3.32	126.9	3.70
	30	64.8	2.02	77.1	2.34	90.0	2.69	96.0	2.86	102.0	3.05	114.9	3.42	126.9	3.81
	35	64.8	2.07	77.1	2.40	90.0	2.76	96.0	2.94	102.0	3.14	114.9	3.51	126.9	3.90
	40	64.8	2.13	77.1	2.47	90.0	2.83	96.0	3.01	102.0	3.21	114.9	3.60	126.9	4.01
	45	64.8	2.16	77.1	2.50	90.0	2.87	96.0	3.05	102.0	3.26	114.9	3.65	126.9	4.06
	50	64.8	2.19	77.1	2.54	90.0	2.91	96.0	3.10	102.0	3.31	114.9	3.70	126.9	4.12
	55	64.8	2.24	77.1	2.58	90.0	2.96	96.0	3.14	102.0	3.35	114.9	3.77	126.9	4.19
	60	64.8	2.28	77.1	2.65	90.0	3.05	96.0	3.26	102.0	3.47	114.9	3.89	126.9	4.35
	65	64.8	2.30	77.1	2.70	90.0	3.10	96.0	3.31	102.0	3.52	114.9	3.96	126.9	4.42
	70	64.8	2.37	77.1	2.75	90.0	3.17	96.0	3.40	102.0	3.61	114.9	4.07	126.9	4.56
	75	64.8	2.40	77.1	2.79	90.0	3.24	96.0	3.45	102.0	3.68	114.9	4.14	126.9	4.66
	80	64.8	2.47	77.1	2.96	90.0	3.47	96.0	3.75	102.0	4.03	114.9	4.63	126.9	5.29
	85	64.8	2.63	77.1	3.12	90.0	3.68	96.0	3.98	102.0	4.28	114.9	4.94	126.9	5.63
	90	64.8	2.93	77.1	3.49	90.0	4.14	96.0	4.47	102.0	4.82	114.9	5.56	126.9	6.38
	95	64.8	3.10	77.1	3.70	90.0	4.38	**96.0**	**4.75**	102.0	5.12	114.9	5.91	126.9	6.78
	100	64.8	3.26	77.1	3.91	90.0	4.63	96.0	5.03	102.0	5.42	114.9	6.29	126.9	7.19
	105	64.8	3.56	77.1	4.32	90.0	5.12	96.0	5.55	102.0	6.00	114.9	6.97	126.9	8.00
	110	64.8	3.93	77.1	4.77	90.0	5.68	96.0	6.17	102.0	6.68	114.9	7.78	126.9	8.94
	115	64.8	4.21	77.1	5.12	90.0	6.10	96.0	6.64	102.0	7.19	114.9	8.38	126.9	9.64
	118	64.8	4.55	77.1	5.56	90.0	6.63	96.0	7.22	102.0	7.83	114.9	8.79	126.9	9.91
	122	64.8	5.02	77.1	6.14	90.0	7.33	96.0	8.01	102.0	7.69	107.9	6.66	107.3	7.53

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Cooling Capacity ARUN216BTE4, ARUN216DTE4 / ARUB216BTE4, ARUB216DTE4

216,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
130%	-9.9	196.4	4.49	233.3	5.44	271.2	6.46	281.2	6.97	285.2	7.52	295.1	8.62	302.1	8.91
	-5	196.4	4.73	233.3	5.74	271.2	6.82	281.2	7.36	285.2	7.94	295.1	9.10	302.1	9.40
	0	196.4	4.92	233.3	5.98	271.2	7.09	281.2	7.65	285.2	8.26	295.1	9.46	302.1	9.78
	5	196.4	5.10	233.3	6.19	271.2	7.35	281.2	7.93	285.2	8.56	295.1	9.81	302.1	10.14
	10	196.4	5.25	233.3	6.37	271.2	7.56	281.2	8.16	285.2	8.80	295.1	10.09	302.1	10.43
	14	196.4	5.44	233.3	6.60	271.2	7.84	281.2	8.46	285.2	9.12	295.1	10.46	302.1	10.81
	20	196.4	5.53	233.3	6.71	271.2	7.95	281.2	8.59	285.2	9.25	295.1	10.60	302.1	10.96
	25	196.4	5.61	233.3	6.80	271.2	8.05	281.2	8.69	285.2	9.36	295.1	10.72	302.1	11.09
	30	196.4	5.69	233.3	6.88	271.2	8.14	281.2	8.80	285.2	9.46	295.1	10.84	302.1	11.22
	35	196.4	5.75	233.3	6.97	271.2	8.24	281.2	8.90	285.2	9.58	295.1	10.97	302.1	11.36
	40	196.4	5.83	233.3	7.05	271.2	8.34	281.2	9.01	285.2	9.69	295.1	11.11	302.1	11.49
	45	196.4	5.88	233.3	7.12	271.2	8.43	281.2	9.11	285.2	9.78	295.1	11.22	302.1	11.61
	50	196.4	5.95	233.3	7.19	271.2	8.51	281.2	9.20	285.2	9.89	295.1	11.33	302.1	11.73
	55	196.4	6.04	233.3	7.32	271.2	8.67	277.2	9.39	281.2	10.08	291.0	11.53	298.1	11.81
	60	196.4	6.24	233.3	7.59	267.2	9.03	271.0	9.76	274.2	10.48	284.0	11.89	291.0	11.94
	65	196.4	6.37	233.3	7.75	263.2	9.20	267.2	9.95	270.2	10.67	280.0	12.28	287.0	12.38
	70	196.4	6.13	233.3	7.45	258.2	9.17	261.2	10.09	265.2	11.07	274.9	12.29	282.0	12.42
	75	196.4	6.28	233.3	7.94	254.3	9.81	257.2	10.82	261.2	11.86	270.9	12.88	277.9	12.97
	80	196.4	7.14	233.3	9.04	247.3	11.22	250.3	12.39	254.3	13.61	263.8	13.98	270.9	14.10
	85	196.4	7.60	233.3	9.66	243.3	11.99	247.3	13.21	250.3	14.44	259.8	14.56	266.9	14.68
	90	196.4	8.61	229.3	10.97	236.3	13.61	239.3	15.05	243.3	15.57	252.8	15.70	259.8	15.85
	95	198.5	9.14	227.7	11.68	234.8	14.53	**238.8**	**16.06**	241.8	16.13	251.4	16.28	258.5	16.43
	100	198.5	9.89	223.7	12.63	230.8	15.75	234.8	16.91	237.8	17.00	248.3	17.16	255.5	17.31
	105	198.5	11.15	217.7	14.29	224.7	17.77	228.2	18.18	231.7	18.27	239.7	18.44	243.2	18.62
	110	198.5	12.52	208.7	16.11	217.4	19.38	218.1	19.48	221.3	19.54	226.0	19.73	226.8	19.92
	115	197.5	14.48	201.1	18.53	201.1	20.43	201.1	20.43	201.1	20.43	204.0	20.47	204.9	20.50
	118	171.7	12.27	174.9	15.70	175.1	17.18	175.1	17.33	175.1	17.33	177.6	17.37	176.9	17.40
	122	137.2	9.31	140.2	11.94	139.6	13.08	139.9	13.11	140.2	13.12	142.6	13.16	142.4	13.22
120%	-9.9	178.7	4.23	213.3	5.13	247.9	6.07	265.6	6.54	277.5	7.06	290.1	8.09	296.1	8.36
	-5	178.7	4.46	213.3	5.41	247.9	6.40	265.6	6.90	277.5	7.45	290.1	8.54	296.1	8.82
	0	178.7	4.64	213.3	5.63	247.9	6.66	265.6	7.18	277.5	7.75	290.1	8.88	296.1	9.18
	5	178.7	4.81	213.3	5.83	247.9	6.90	265.6	7.44	277.5	8.03	290.1	9.20	296.1	9.51
	10	178.7	4.95	213.3	6.00	247.9	7.10	265.6	7.66	277.5	8.26	290.1	9.47	296.1	9.79
	14	178.7	5.13	213.3	6.22	247.9	7.36	265.6	7.94	277.5	8.56	290.1	9.81	296.1	10.14
	20	178.7	5.21	213.3	6.31	247.9	7.47	265.6	8.06	277.5	8.68	290.1	9.95	296.1	10.29
	25	178.7	5.27	213.3	6.39	247.9	7.55	265.6	8.16	277.5	8.78	290.1	10.07	296.1	10.41
	30	178.7	5.34	213.3	6.46	247.9	7.64	265.6	8.26	277.5	8.88	290.1	10.18	296.1	10.53
	35	178.7	5.41	213.3	6.54	247.9	7.73	265.6	8.37	277.5	8.99	290.1	10.30	296.1	10.66
	40	178.7	5.48	213.3	6.62	247.9	7.84	265.6	8.47	277.5	9.11	290.1	10.44	296.1	10.80
	45	178.7	5.54	213.3	6.70	247.9	7.92	265.6	8.57	277.5	9.21	290.1	10.55	296.1	10.92
	50	178.7	5.60	213.3	6.77	247.9	8.01	265.6	8.66	277.5	9.31	290.1	10.67	296.1	11.04
	55	178.7	5.69	213.3	6.90	247.9	8.17	265.6	8.85	274.5	9.50	286.1	10.86	293.1	11.12
	60	178.7	5.88	213.3	7.15	247.9	8.51	263.7	9.19	266.6	9.87	279.0	11.20	285.1	11.39
	65	178.7	6.00	213.3	7.30	247.9	8.66	259.7	9.37	263.7	10.05	275.0	11.57	282.0	11.66
	70	178.7	5.89	213.3	7.15	247.9	8.80	254.8	9.68	257.7	10.62	269.9	11.80	276.0	11.92
	75	178.7	6.03	213.3	7.62	247.9	9.42	250.8	10.39	254.8	11.39	265.9	12.36	273.0	12.45
	80	178.7	6.86	213.3	8.68	241.0	10.77	243.9	11.89	246.9	13.07	258.9	13.42	264.9	13.54
	85	178.7	7.30	213.3	9.27	237.0	11.51	240.0	12.68	243.9	13.86	254.8	13.98	261.9	14.10
	90	178.7	8.27	213.3	10.54	230.1	13.07	233.1	14.45	236.0	14.95	247.8	15.07	253.8	15.22
	95	180.6	8.77	215.6	11.21	228.5	13.95	**231.5**	**15.42**	235.5	15.48	246.3	15.63	253.5	15.77
	100	180.6	9.49	215.6	12.13	224.5	15.12	228.5	16.23	231.5	16.32	243.3	16.47	249.4	16.62
	105	180.6	10.70	212.1	13.73	218.6	17.07	222.1	17.45	225.0	17.55	236.2	17.70	240.1	17.86
	110	180.6	12.02	206.7	15.46	213.4	18.60	214.1	18.70	217.2	18.76	224.0	18.94	224.9	19.12
	115	175.6	13.90	199.1	17.78	199.1	19.61	199.1	19.61	199.1	19.61	204.0	19.65	205.0	19.68
	118	156.8	12.27	173.2	15.07	173.4	16.49	173.4	16.64	173.4	16.64	177.7	16.67	176.9	16.70
	122	125.3	9.31	138.9	11.46	138.2	12.56	138.5	12.58	138.9	12.60	142.7	12.64	142.4	12.69

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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ARUN216BTE4, ARUN216DTE4 / ARUB216BTE4, ARUB216DTE4 Cooling Capacity

216,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
110%	-9.9	165.7	3.89	197.6	4.70	229.5	5.57	245.5	6.03	261.5	6.46	288.1	7.38	294.2	7.65
	-5	165.7	4.11	197.6	4.95	229.5	5.87	245.5	6.37	261.5	6.82	288.1	7.78	294.2	8.07
	0	165.7	4.27	197.6	5.15	229.5	6.11	245.5	6.62	261.5	7.10	288.1	8.10	294.2	8.40
	5	165.7	4.43	197.6	5.34	229.5	6.33	245.5	6.86	261.5	7.35	288.1	8.39	294.2	8.70
	10	165.7	4.55	197.6	5.50	229.5	6.51	245.5	7.06	261.5	7.57	288.1	8.63	294.2	8.95
	14	165.7	4.72	197.6	5.69	229.5	6.75	245.5	7.32	261.5	7.84	288.1	8.94	294.2	9.28
	20	165.7	4.79	197.6	5.78	229.5	6.85	245.5	7.42	261.5	7.96	288.1	9.10	294.2	9.42
	25	165.7	4.85	197.6	5.86	229.5	6.93	245.5	7.50	261.5	8.06	288.1	9.22	294.2	9.54
	30	165.7	4.91	197.6	5.94	229.5	7.02	245.5	7.59	261.5	8.16	288.1	9.35	294.2	9.66
	35	165.7	4.98	197.6	6.02	229.5	7.12	245.5	7.70	261.5	8.28	288.1	9.49	294.2	9.82
	40	165.7	5.05	197.6	6.11	229.5	7.22	245.5	7.81	261.5	8.39	288.1	9.62	294.2	9.94
	45	165.7	5.13	197.6	6.20	229.5	7.34	245.5	7.93	261.5	8.53	288.1	9.78	294.2	10.11
	50	165.7	5.21	197.6	6.31	229.5	7.46	245.5	8.06	261.5	8.67	288.1	9.94	294.2	10.27
	55	165.7	5.30	197.6	6.42	229.5	7.60	245.5	8.24	261.5	8.84	284.0	10.11	290.1	10.36
	60	165.7	5.47	197.6	6.65	229.5	7.92	245.5	8.55	261.5	9.19	276.9	10.43	283.0	10.52
	65	165.7	5.59	197.6	6.80	229.5	8.06	245.5	8.73	261.5	9.36	272.8	10.77	278.9	10.86
	70	165.7	5.64	197.6	6.86	229.5	8.44	245.5	9.28	256.5	10.19	267.7	11.32	273.8	11.43
	75	165.7	5.78	197.6	7.31	229.5	9.03	245.5	9.96	252.5	10.92	263.6	11.85	269.7	11.94
	80	164.0	6.58	195.6	8.32	227.2	10.33	240.0	11.40	243.0	12.53	253.9	12.87	259.9	12.98
	85	164.0	7.00	195.6	8.89	227.2	11.03	236.1	12.16	239.0	13.29	249.9	13.40	255.9	13.52
	90	164.0	7.93	195.6	10.10	226.2	12.53	229.2	13.86	232.1	14.34	242.8	14.45	248.9	14.59
	95	164.0	8.41	195.6	10.75	222.2	13.38	**225.2**	**14.79**	228.2	14.84	238.8	14.98	244.8	15.13
	100	164.0	9.10	195.6	11.63	219.3	14.50	222.2	15.56	225.2	15.65	235.8	15.79	241.8	15.94
	105	164.0	10.26	195.6	13.15	212.5	16.36	215.4	16.74	218.3	16.82	228.8	16.97	234.7	17.14
	110	164.0	11.52	195.6	14.83	205.9	17.84	206.5	17.93	209.5	17.99	216.1	18.16	216.9	18.34
	115	164.0	13.33	195.6	17.05	197.1	18.81	197.1	18.81	198.0	18.81	202.0	18.84	202.9	18.87
	118	158.4	12.15	170.1	14.45	171.6	15.81	171.6	15.96	172.4	15.96	175.8	15.99	175.1	16.01
	122	126.6	9.21	136.4	10.99	136.8	12.04	137.1	12.07	138.1	12.08	141.2	12.12	141.0	12.17
100%	-9.9	145.6	3.42	173.6	4.13	201.5	4.90	216.0	5.34	237.4	5.77	266.2	6.66	281.1	6.94
	-5	145.6	3.61	173.6	4.36	201.5	5.17	216.0	5.63	237.4	6.09	266.2	7.03	281.1	7.32
	0	145.6	3.76	173.6	4.54	201.5	5.37	216.0	5.86	237.4	6.34	266.2	7.31	281.1	7.61
	5	145.6	3.90	173.6	4.70	201.5	5.57	216.0	6.07	237.4	6.57	266.2	7.58	281.1	7.89
	10	145.6	4.01	173.6	4.84	201.5	5.73	216.0	6.24	237.4	6.76	266.2	7.80	281.1	8.12
	14	145.6	4.15	173.6	5.01	201.5	5.94	216.0	6.47	237.4	7.00	266.2	8.08	281.1	8.41
	20	145.6	4.28	173.6	5.17	201.5	6.13	216.0	6.66	237.4	7.23	266.2	8.32	281.1	8.65
	25	145.6	4.39	173.6	5.31	201.5	6.28	216.0	6.81	237.4	7.41	266.2	8.51	281.1	8.85
	30	145.6	4.50	173.6	5.45	201.5	6.44	216.0	6.96	237.4	7.60	266.2	8.71	281.1	9.05
	35	145.6	4.57	173.6	5.53	201.5	6.54	216.0	7.08	237.4	7.72	266.2	8.85	281.1	9.20
	40	145.6	4.65	173.6	5.62	201.5	6.65	216.0	7.19	237.4	7.84	266.2	8.99	281.1	9.35
	45	145.6	4.75	173.6	5.74	201.5	6.78	216.0	7.34	237.4	8.00	266.2	9.18	281.1	9.54
	50	145.6	4.84	173.6	5.86	201.5	6.92	216.0	7.49	237.4	8.17	266.2	9.36	281.1	9.74
	55	145.6	4.92	173.6	5.96	201.5	7.06	216.0	7.65	237.4	8.33	266.2	9.53	278.1	9.88
	60	145.6	5.08	173.6	6.18	201.5	7.35	216.0	7.94	237.4	8.66	265.2	9.82	270.2	10.06
	65	145.6	5.19	173.6	6.31	201.5	7.49	216.0	8.10	237.4	8.82	261.2	10.15	267.2	10.35
	70	145.6	5.35	173.6	6.50	201.5	7.99	216.0	8.80	237.4	9.80	256.2	10.88	261.2	11.07
	75	145.6	5.48	173.6	6.92	201.5	8.56	216.0	9.44	237.4	10.50	252.3	11.40	258.2	11.54
	80	145.6	6.23	173.6	7.89	201.5	9.79	216.0	10.80	237.4	12.05	245.3	12.37	250.3	12.54
	85	145.6	6.63	173.6	8.42	201.5	10.45	216.0	11.52	236.4	12.78	241.4	12.89	247.3	13.06
	90	145.6	7.51	173.6	9.57	201.5	11.87	216.0	13.13	228.4	13.79	234.4	13.89	239.4	14.10
	95	145.6	7.97	173.6	10.19	201.5	12.67	**216.0**	**14.01**	225.5	14.27	230.4	14.41	236.4	14.62
	100	145.6	8.60	173.6	10.99	201.5	13.71	212.1	14.71	221.6	15.01	227.4	15.15	232.5	15.36
	105	145.6	9.67	173.6	12.38	200.4	15.41	206.3	15.76	214.9	16.08	220.5	16.22	225.9	16.45
	110	145.6	10.81	173.6	13.91	198.1	16.73	202.6	16.81	206.7	17.12	210.0	17.29	213.8	17.54
	115	145.6	12.41	173.6	15.88	188.6	17.51	194.4	17.51	199.3	17.78	201.1	17.81	202.0	17.93
	118	145.6	12.52	152.3	14.90	164.2	14.73	169.3	14.86	173.5	15.08	175.1	15.11	174.4	15.21
	122	124.6	11.34	122.1	11.33	130.9	11.21	135.2	11.24	139.0	11.42	140.6	11.45	140.4	11.56

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Cooling Capacity ARUN216BTE4, ARUN216DTE4 / ARUB216BTE4, ARUB216DTE4

216,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
90%	-9.9	131.1	3.06	156.2	3.66	182.3	4.32	194.8	4.65	207.3	4.97	232.4	5.72	257.5	6.28
	-5	131.1	3.22	156.2	3.86	182.3	4.56	194.8	4.91	207.3	5.24	232.4	6.04	257.5	6.63
	0	131.1	3.35	156.2	4.02	182.3	4.75	194.8	5.10	207.3	5.45	232.4	6.28	257.5	6.90
	5	131.1	3.48	156.2	4.16	182.3	4.92	194.8	5.29	207.3	5.65	232.4	6.51	257.5	7.15
	10	131.1	3.58	156.2	4.28	182.3	5.06	194.8	5.44	207.3	5.82	232.4	6.70	257.5	7.35
	14	131.1	3.71	156.2	4.44	182.3	5.24	194.8	5.64	207.3	6.03	232.4	6.94	257.5	7.62
	20	131.1	3.84	156.2	4.61	182.3	5.44	194.8	5.86	207.3	6.28	232.4	7.19	257.5	7.91
	25	131.1	3.95	156.2	4.75	182.3	5.60	194.8	6.04	207.3	6.49	232.4	7.40	257.5	8.15
	30	131.1	4.06	156.2	4.89	182.3	5.77	194.8	6.22	207.3	6.70	232.4	7.60	257.5	8.40
	35	131.1	4.19	156.2	5.04	182.3	5.94	194.8	6.40	207.3	6.89	232.4	7.83	257.5	8.66
	40	131.1	4.31	156.2	5.19	182.3	6.12	194.8	6.60	207.3	7.10	232.4	8.07	257.5	8.91
	45	131.1	4.41	156.2	5.31	182.3	6.26	194.8	6.75	207.3	7.27	232.4	8.25	257.5	9.12
	50	131.1	4.51	156.2	5.43	182.3	6.40	194.8	6.90	207.3	7.43	232.4	8.44	257.5	9.32
	55	131.1	4.56	156.2	5.51	182.3	6.51	194.8	7.04	207.3	7.57	232.4	8.61	257.5	9.41
	60	131.1	4.73	156.2	5.73	182.3	6.76	194.8	7.32	207.3	7.88	232.4	8.94	255.3	9.51
	65	131.1	4.81	156.2	5.84	182.3	6.90	194.8	7.46	207.3	8.02	232.4	9.10	253.6	9.99
	70	131.1	4.95	156.2	6.01	182.3	7.15	194.8	7.88	207.3	8.60	232.4	10.16	248.8	10.73
	75	131.1	5.04	156.2	6.29	182.3	7.65	194.8	8.43	207.3	9.24	232.4	10.60	244.9	11.21
	80	131.1	5.65	156.2	7.13	182.3	8.74	194.8	9.63	207.3	10.55	232.4	11.71	238.2	12.19
	85	131.1	6.01	156.2	7.60	182.3	9.35	194.8	10.27	207.3	11.27	229.5	12.33	234.3	12.69
	90	131.1	6.79	156.2	8.60	182.3	10.60	194.8	11.69	207.3	12.83	222.8	13.50	227.6	13.70
	95	131.1	7.24	156.2	9.13	182.3	11.30	**194.8**	**12.47**	207.3	13.69	218.9	14.01	223.7	14.20
	100	131.1	7.47	156.2	9.52	182.3	11.77	194.8	12.96	207.3	14.00	216.0	14.61	219.9	14.77
	105	131.1	8.66	156.2	11.04	182.3	13.31	194.8	14.19	205.0	15.00	209.3	15.66	212.1	15.86
	110	131.1	9.95	156.2	12.73	182.3	14.60	194.8	15.33	196.7	16.27	199.3	16.82	200.9	17.01
	115	131.1	10.77	156.2	13.80	170.7	15.38	184.7	16.03	187.3	16.79	189.1	17.16	189.9	17.38
	118	131.1	11.44	152.3	14.90	148.6	12.93	160.8	13.60	163.1	14.25	164.6	14.56	163.9	14.74
	122	124.6	11.34	122.1	11.33	118.4	9.84	128.5	10.29	130.6	10.79	132.2	11.04	131.9	11.20
80%	-9.9	116.7	2.65	138.9	3.19	162.0	3.70	172.6	4.02	184.2	4.34	206.4	4.95	228.5	5.51
	-5	116.7	2.79	138.9	3.36	162.0	3.91	172.6	4.24	184.2	4.57	206.4	5.22	228.5	5.82
	0	116.7	2.90	138.9	3.50	162.0	4.06	172.6	4.41	184.2	4.76	206.4	5.43	228.5	6.05
	5	116.7	3.01	138.9	3.63	162.0	4.21	172.6	4.57	184.2	4.93	206.4	5.63	228.5	6.27
	10	116.7	3.10	138.9	3.73	162.0	4.33	172.6	4.71	184.2	5.07	206.4	5.79	228.5	6.45
	14	116.7	3.21	138.9	3.87	162.0	4.49	172.6	4.88	184.2	5.26	206.4	6.00	228.5	6.69
	20	116.7	3.33	138.9	4.00	162.0	4.67	172.6	5.06	184.2	5.44	206.4	6.22	228.5	6.94
	25	116.7	3.43	138.9	4.12	162.0	4.82	172.6	5.21	184.2	5.59	206.4	6.40	228.5	7.16
	30	116.7	3.53	138.9	4.23	162.0	4.97	172.6	5.36	184.2	5.74	206.4	6.58	228.5	7.37
	35	116.7	3.63	138.9	4.36	162.0	5.11	172.6	5.51	184.2	5.90	206.4	6.77	228.5	7.58
	40	116.7	3.73	138.9	4.47	162.0	5.24	172.6	5.66	184.2	6.06	206.4	6.95	228.5	7.78
	45	116.7	3.78	138.9	4.53	162.0	5.32	172.6	5.74	184.2	6.14	206.4	7.05	228.5	7.89
	50	116.7	3.83	138.9	4.59	162.0	5.39	172.6	5.82	184.2	6.23	206.4	7.14	228.5	8.00
	55	116.7	3.89	138.9	4.67	162.0	5.49	172.6	5.92	184.2	6.34	206.4	7.28	228.5	8.13
	60	116.7	4.03	138.9	4.83	162.0	5.68	172.6	6.13	184.2	6.60	206.4	7.53	228.5	8.46
	65	116.7	4.09	138.9	4.92	162.0	5.80	172.6	6.25	184.2	6.73	206.4	7.67	228.5	8.66
	70	116.7	4.20	138.9	5.06	162.0	5.97	172.6	6.44	184.2	7.01	206.4	8.27	228.5	9.57
	75	116.7	4.28	138.9	5.16	162.0	6.27	172.6	6.87	184.2	7.47	206.4	8.80	228.5	10.09
	80	116.7	4.69	138.9	5.86	162.0	7.14	172.6	7.80	184.2	8.52	206.4	10.12	228.5	11.28
	85	116.7	5.00	138.9	6.23	162.0	7.61	172.6	8.33	184.2	9.13	206.4	10.78	228.5	11.57
	90	116.7	5.62	138.9	7.06	162.0	8.60	172.6	9.46	184.2	10.37	206.4	11.85	224.8	12.26
	95	116.7	5.97	138.9	7.47	162.0	9.18	**172.6**	**10.04**	184.2	11.03	206.4	12.26	220.0	12.59
	100	116.7	6.44	138.9	8.06	162.0	9.90	172.6	10.76	184.2	11.47	206.4	12.76	215.0	13.00
	105	116.7	7.34	138.9	9.22	162.0	11.03	172.6	11.54	184.2	12.30	203.9	13.27	208.9	13.65
	110	116.7	8.33	138.9	10.51	162.0	11.70	172.6	12.33	184.2	13.25	196.7	13.76	197.7	14.35
	115	116.7	8.91	138.9	11.23	162.0	12.09	172.6	12.96	172.6	13.56	173.7	14.07	173.7	14.92
	118	116.7	9.46	138.9	11.93	148.6	12.93	151.6	12.30	150.3	11.51	151.2	11.94	149.9	12.66
	122	116.7	10.23	122.5	11.25	118.4	9.84	121.1	9.30	120.4	8.71	121.4	9.05	120.7	9.62

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

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PERFORMANCE DATA

ARUN216BTE4, ARUN216DTE4 / ARUB216BTE4, ARUB216DTE4 Cooling Capacity

216,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
70%	-9.9	102.2	2.34	121.5	2.78	141.8	3.27	151.4	3.50	161.0	3.73	180.3	4.27	200.6	4.78
	-5	102.2	2.46	121.5	2.93	141.8	3.45	151.4	3.69	161.0	3.93	180.3	4.50	200.6	5.04
	0	102.2	2.56	121.5	3.05	141.8	3.59	151.4	3.84	161.0	4.09	180.3	4.68	200.6	5.24
	5	102.2	2.66	121.5	3.16	141.8	3.72	151.4	3.98	161.0	4.24	180.3	4.86	200.6	5.43
	10	102.2	2.73	121.5	3.25	141.8	3.82	151.4	4.09	161.0	4.36	180.3	5.00	200.6	5.59
	14	102.2	2.83	121.5	3.37	141.8	3.96	151.4	4.24	161.0	4.52	180.3	5.18	200.6	5.79
	20	102.2	2.93	121.5	3.48	141.8	4.09	151.4	4.38	161.0	4.68	180.3	5.34	200.6	5.99
	25	102.2	3.01	121.5	3.57	141.8	4.19	151.4	4.50	161.0	4.81	180.3	5.48	200.6	6.15
	30	102.2	3.09	121.5	3.67	141.8	4.29	151.4	4.61	161.0	4.94	180.3	5.62	200.6	6.31
	35	102.2	3.18	121.5	3.77	141.8	4.41	151.4	4.74	161.0	5.07	180.3	5.76	200.6	6.49
	40	102.2	3.26	121.5	3.86	141.8	4.52	151.4	4.86	161.0	5.20	180.3	5.91	200.6	6.65
	45	102.2	3.31	121.5	3.92	141.8	4.60	151.4	4.95	161.0	5.28	180.3	6.01	200.6	6.75
	50	102.2	3.37	121.5	3.99	141.8	4.67	151.4	5.02	161.0	5.37	180.3	6.11	200.6	6.87
	55	102.2	3.42	121.5	4.07	141.8	4.75	151.4	5.10	161.0	5.47	180.3	6.23	200.6	7.01
	60	102.2	3.52	121.5	4.20	141.8	4.92	151.4	5.29	161.0	5.66	180.3	6.46	200.6	7.28
	65	102.2	3.58	121.5	4.28	141.8	5.00	151.4	5.39	161.0	5.78	180.3	6.58	200.6	7.39
	70	102.2	3.68	121.5	4.40	141.8	5.16	151.4	5.55	161.0	5.95	180.3	6.81	200.6	7.86
	75	102.2	3.74	121.5	4.48	141.8	5.25	151.4	5.74	161.0	6.23	180.3	7.28	200.6	8.32
	80	102.2	4.03	121.5	4.94	141.8	5.97	151.4	6.52	161.0	7.06	180.3	8.05	200.6	9.23
	85	102.2	4.28	121.5	5.25	141.8	6.36	151.4	6.95	161.0	7.61	180.3	8.57	200.6	9.62
	90	102.2	4.81	121.5	5.93	141.8	7.20	151.4	7.86	161.0	8.60	180.3	9.56	200.6	10.45
	95	102.2	5.08	121.5	6.30	141.8	7.67	**151.4**	**8.39**	161.0	9.13	180.3	10.05	200.6	10.76
	100	102.2	5.49	121.5	6.81	141.8	8.27	151.4	9.05	161.0	9.40	180.3	10.52	200.6	11.06
	105	102.2	6.22	121.5	7.76	141.8	9.12	151.4	9.65	161.0	10.21	180.3	11.08	200.6	11.71
	110	102.2	7.01	121.5	8.80	141.8	9.65	151.4	10.24	161.0	11.07	180.3	11.54	194.8	12.59
	115	102.2	7.53	121.5	9.38	141.8	9.98	151.4	10.82	161.0	11.39	180.3	11.89	183.6	13.41
	118	102.2	8.00	121.5	9.97	141.8	10.61	151.4	11.46	146.5	11.39	151.2	10.09	149.9	11.38
	122	102.2	8.63	121.5	10.79	126.5	10.13	121.0	9.43	117.4	8.63	121.4	7.65	120.7	8.64
60%	-9.9	87.8	2.03	104.1	2.35	121.5	2.76	129.2	2.95	137.9	3.17	155.3	3.59	171.6	4.02
	-5	87.8	2.14	104.1	2.48	121.5	2.91	129.2	3.11	137.9	3.35	155.3	3.79	171.6	4.24
	0	87.8	2.22	104.1	2.58	121.5	3.03	129.2	3.24	137.9	3.48	155.3	3.94	171.6	4.41
	5	87.8	2.30	104.1	2.67	121.5	3.14	129.2	3.35	137.9	3.61	155.3	4.09	171.6	4.57
	10	87.8	2.37	104.1	2.75	121.5	3.23	129.2	3.45	137.9	3.72	155.3	4.21	171.6	4.70
	14	87.8	2.46	104.1	2.85	121.5	3.35	129.2	3.58	137.9	3.85	155.3	4.36	171.6	4.87
	20	87.8	2.53	104.1	2.95	121.5	3.45	129.2	3.70	137.9	3.97	155.3	4.50	171.6	5.04
	25	87.8	2.59	104.1	3.04	121.5	3.54	129.2	3.80	137.9	4.08	155.3	4.62	171.6	5.18
	30	87.8	2.65	104.1	3.13	121.5	3.63	129.2	3.91	137.9	4.18	155.3	4.74	171.6	5.33
	35	87.8	2.72	104.1	3.21	121.5	3.73	129.2	4.01	137.9	4.29	155.3	4.86	171.6	5.46
	40	87.8	2.79	104.1	3.29	121.5	3.83	129.2	4.11	137.9	4.40	155.3	4.99	171.6	5.60
	45	87.8	2.82	104.1	3.32	121.5	3.85	129.2	4.15	137.9	4.44	155.3	5.03	171.6	5.65
	50	87.8	2.84	104.1	3.35	121.5	3.89	129.2	4.18	137.9	4.48	155.3	5.08	171.6	5.70
	55	87.8	2.88	104.1	3.41	121.5	3.97	129.2	4.26	137.9	4.55	155.3	5.18	171.6	5.80
	60	87.8	2.98	104.1	3.52	121.5	4.11	129.2	4.42	137.9	4.73	155.3	5.35	171.6	6.03
	65	87.8	3.02	104.1	3.58	121.5	4.18	129.2	4.49	137.9	4.81	155.3	5.47	171.6	6.15
	70	87.8	3.09	104.1	3.68	121.5	4.30	129.2	4.61	137.9	4.94	155.3	5.62	171.6	6.38
	75	87.8	3.15	104.1	3.74	121.5	4.38	129.2	4.71	137.9	5.10	155.3	5.95	171.6	6.80
	80	87.8	3.35	104.1	4.09	121.5	4.90	129.2	5.35	137.9	5.80	155.3	6.67	171.6	7.68
	85	87.8	3.56	104.1	4.34	121.5	5.21	129.2	5.70	137.9	6.21	155.3	7.02	171.6	7.93
	90	87.8	3.99	104.1	4.90	121.5	5.90	129.2	6.44	137.9	6.97	155.3	7.85	171.6	8.65
	95	87.8	4.22	104.1	5.20	121.5	6.27	**129.2**	**6.87**	137.9	7.38	155.3	8.21	171.6	9.11
	100	87.8	4.53	104.1	5.58	121.5	6.75	129.2	7.39	137.9	7.71	155.3	8.70	171.6	9.50
	105	87.8	5.16	104.1	6.36	121.5	7.45	129.2	7.89	137.9	8.39	155.3	9.25	171.6	10.35
	110	87.8	5.80	104.1	7.22	121.5	8.04	129.2	8.37	137.9	9.07	155.3	9.89	171.6	11.29
	115	87.8	6.21	104.1	7.71	121.5	8.35	129.2	8.85	137.9	9.39	155.3	10.45	171.6	12.07
	118	87.8	6.57	104.1	8.17	121.5	8.87	129.2	9.41	137.9	9.99	151.2	10.09	149.9	11.38
	122	87.8	7.08	104.1	8.84	121.5	9.61	120.7	9.54	116.8	8.84	121.4	7.65	120.7	8.64

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Cooling Capacity ARUN216BTE4, ARUN216DTE4 / ARUB216BTE4, ARUB216DTE4

216,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
50%	-9.9	72.9	1.74	86.8	2.05	101.3	2.29	108.0	2.47	114.8	2.66	129.2	2.95	142.7	3.27
	-5	72.9	1.84	86.8	2.16	101.3	2.42	108.0	2.61	114.8	2.81	129.2	3.11	142.7	3.45
	0	72.9	1.91	86.8	2.25	101.3	2.52	108.0	2.71	114.8	2.92	129.2	3.24	142.7	3.59
	5	72.9	1.98	86.8	2.33	101.3	2.61	108.0	2.81	114.8	3.02	129.2	3.36	142.7	3.72
	10	72.9	2.04	86.8	2.40	101.3	2.68	108.0	2.89	114.8	3.11	129.2	3.45	142.7	3.83
	14	72.9	2.11	86.8	2.48	101.3	2.78	108.0	3.00	114.8	3.22	129.2	3.58	142.7	3.97
	20	72.9	2.19	86.8	2.56	101.3	2.90	108.0	3.10	114.8	3.33	129.2	3.71	142.7	4.12
	25	72.9	2.26	86.8	2.63	101.3	2.99	108.0	3.19	114.8	3.42	129.2	3.82	142.7	4.25
	30	72.9	2.32	86.8	2.69	101.3	3.09	108.0	3.28	114.8	3.51	129.2	3.93	142.7	4.37
	35	72.9	2.38	86.8	2.76	101.3	3.17	108.0	3.38	114.8	3.60	129.2	4.03	142.7	4.48
	40	72.9	2.44	86.8	2.83	101.3	3.25	108.0	3.46	114.8	3.69	129.2	4.13	142.7	4.60
	45	72.9	2.48	86.8	2.87	101.3	3.29	108.0	3.50	114.8	3.74	129.2	4.19	142.7	4.67
	50	72.9	2.51	86.8	2.91	101.3	3.34	108.0	3.56	114.8	3.80	129.2	4.25	142.7	4.73
	55	72.9	2.57	86.8	2.97	101.3	3.40	108.0	3.61	114.8	3.85	129.2	4.33	142.7	4.81
	60	72.9	2.62	86.8	3.05	101.3	3.50	108.0	3.74	114.8	3.98	129.2	4.47	142.7	5.00
	65	72.9	2.65	86.8	3.10	101.3	3.56	108.0	3.80	114.8	4.04	129.2	4.55	142.7	5.08
	70	72.9	2.73	86.8	3.15	101.3	3.64	108.0	3.90	114.8	4.14	129.2	4.68	142.7	5.24
	75	72.9	2.75	86.8	3.21	101.3	3.72	108.0	3.96	114.8	4.22	129.2	4.76	142.7	5.35
	80	72.9	2.83	86.8	3.40	101.3	3.98	108.0	4.30	114.8	4.63	129.2	5.32	142.7	6.07
	85	72.9	3.02	86.8	3.58	101.3	4.22	108.0	4.57	114.8	4.92	129.2	5.67	142.7	6.47
	90	72.9	3.37	86.8	4.01	101.3	4.76	108.0	5.13	114.8	5.53	129.2	6.39	142.7	7.33
	95	72.9	3.56	86.8	4.25	101.3	5.03	**108.0**	**5.45**	114.8	5.88	129.2	6.79	142.7	7.78
	100	72.9	3.74	86.8	4.49	101.3	5.32	108.0	5.78	114.8	6.23	129.2	7.22	142.7	8.26
	105	72.9	4.09	86.8	4.96	101.3	5.88	108.0	6.37	114.8	6.89	129.2	8.00	142.7	9.19
	110	72.9	4.52	86.8	5.48	101.3	6.52	108.0	7.09	114.8	7.67	129.2	8.93	142.7	10.27
	115	72.9	4.84	86.8	5.88	101.3	7.01	108.0	7.62	114.8	8.26	129.2	9.63	142.7	11.07
	118	72.9	5.23	86.8	6.38	101.3	7.61	108.0	8.29	114.8	8.99	129.2	10.09	142.7	11.38
	122	72.9	5.77	86.8	7.05	101.3	8.42	108.0	9.20	114.8	8.84	121.4	7.65	120.7	8.64

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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PERFORMANCE DATA

ARUN240BTE4, ARUN240DTE4 / ARUB240BTE4, ARUB240DTE4 Cooling Capacity

240,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
130%	-9.9	218.2	4.93	259.2	5.99	301.3	7.10	312.4	7.67	316.8	8.27	327.8	9.48	335.7	9.79
	-5	218.2	5.20	259.2	6.31	301.3	7.50	312.4	8.09	316.8	8.72	327.8	10.00	335.7	10.33
	0	218.2	5.41	259.2	6.57	301.3	7.80	312.4	8.41	316.8	9.08	327.8	10.40	335.7	10.75
	5	218.2	5.61	259.2	6.81	301.3	8.08	312.4	8.72	316.8	9.41	327.8	10.78	335.7	11.14
	10	218.2	5.77	259.2	7.00	301.3	8.31	312.4	8.97	316.8	9.68	327.8	11.09	335.7	11.46
	14	218.2	5.98	259.2	7.26	301.3	8.62	312.4	9.30	316.8	10.03	327.8	11.50	335.7	11.88
	20	218.2	6.08	259.2	7.37	301.3	8.74	312.4	9.44	316.8	10.17	327.8	11.66	335.7	12.05
	25	218.2	6.17	259.2	7.47	301.3	8.84	312.4	9.56	316.8	10.28	327.8	11.79	335.7	12.19
	30	218.2	6.25	259.2	7.57	301.3	8.95	312.4	9.67	316.8	10.40	327.8	11.92	335.7	12.34
	35	218.2	6.32	259.2	7.66	301.3	9.06	312.4	9.78	316.8	10.53	327.8	12.06	335.7	12.48
	40	218.2	6.40	259.2	7.75	301.3	9.16	312.4	9.91	316.8	10.65	327.8	12.21	335.7	12.63
	45	218.2	6.47	259.2	7.83	301.3	9.27	312.4	10.01	316.8	10.75	327.8	12.34	335.7	12.76
	50	218.2	6.53	259.2	7.91	301.3	9.35	312.4	10.11	316.8	10.87	327.8	12.46	335.7	12.89
	55	218.2	6.64	259.2	8.05	301.3	9.53	308.0	10.33	312.4	11.08	323.4	12.67	331.2	12.98
	60	218.2	6.86	259.2	8.34	296.9	9.93	301.1	10.72	304.7	11.52	315.5	13.07	323.4	13.12
	65	218.2	7.00	259.2	8.52	292.5	10.11	296.9	10.94	300.2	11.73	311.1	13.50	318.9	13.61
	70	218.2	6.74	259.2	8.19	286.9	10.08	290.3	11.09	294.7	12.16	305.5	13.51	313.3	13.65
	75	218.2	6.91	259.2	8.73	282.5	10.78	285.8	11.90	290.3	13.04	301.0	14.15	308.8	14.25
	80	218.2	7.85	259.2	9.94	274.7	12.33	278.1	13.61	282.5	14.96	293.2	15.37	301.0	15.50
	85	218.2	8.36	259.2	10.61	270.3	13.18	274.7	14.52	278.1	15.87	288.7	16.01	296.5	16.14
	90	218.2	9.47	254.8	12.06	262.6	14.96	265.9	16.55	270.3	17.12	280.9	17.25	288.7	17.42
	95	220.6	10.04	253.0	12.84	260.9	15.97	**265.4**	**17.66**	268.7	17.73	279.3	17.89	287.2	18.06
	100	220.6	10.87	248.6	13.89	256.4	17.31	260.9	18.58	264.2	18.69	275.9	18.86	283.8	19.03
	105	220.6	12.25	241.9	15.71	249.7	19.53	253.5	19.98	257.4	20.09	266.3	20.27	270.2	20.46
	110	220.6	13.76	231.8	17.71	241.6	21.30	242.3	21.41	245.9	21.48	251.1	21.69	252.0	21.90
	115	219.5	15.92	223.4	20.36	223.4	22.46	223.4	22.46	223.4	22.46	226.7	22.50	227.7	22.54
	118	190.8	13.49	194.3	17.25	194.5	18.88	194.5	19.05	194.5	19.05	197.4	19.09	196.6	19.12
	122	152.5	10.23	155.8	13.12	155.1	14.38	155.4	14.41	155.8	14.43	158.5	14.47	158.2	14.53
120%	-9.9	198.6	4.65	237.0	5.63	275.4	6.67	295.2	7.19	308.3	7.76	322.3	8.89	329.0	9.19
	-5	198.6	4.90	237.0	5.94	275.4	7.04	295.2	7.59	308.3	8.18	322.3	9.38	329.0	9.70
	0	198.6	5.10	237.0	6.18	275.4	7.32	295.2	7.89	308.3	8.51	322.3	9.76	329.0	10.09
	5	198.6	5.29	237.0	6.41	275.4	7.59	295.2	8.18	308.3	8.82	322.3	10.12	329.0	10.46
	10	198.6	5.44	237.0	6.59	275.4	7.81	295.2	8.42	308.3	9.08	322.3	10.41	329.0	10.76
	14	198.6	5.64	237.0	6.83	275.4	8.09	295.2	8.72	308.3	9.41	322.3	10.78	329.0	11.15
	20	198.6	5.72	237.0	6.93	275.4	8.21	295.2	8.86	308.3	9.54	322.3	10.94	329.0	11.31
	25	198.6	5.80	237.0	7.02	275.4	8.30	295.2	8.97	308.3	9.65	322.3	11.06	329.0	11.44
	30	198.6	5.87	237.0	7.10	275.4	8.40	295.2	9.08	308.3	9.76	322.3	11.19	329.0	11.58
	35	198.6	5.95	237.0	7.19	275.4	8.50	295.2	9.20	308.3	9.88	322.3	11.33	329.0	11.72
	40	198.6	6.02	237.0	7.28	275.4	8.61	295.2	9.31	308.3	10.01	322.3	11.47	329.0	11.87
	45	198.6	6.09	237.0	7.36	275.4	8.71	295.2	9.42	308.3	10.12	322.3	11.60	329.0	12.01
	50	198.6	6.15	237.0	7.45	275.4	8.81	295.2	9.52	308.3	10.23	322.3	11.73	329.0	12.14
	55	198.6	6.26	237.0	7.58	275.4	8.98	295.2	9.72	305.0	10.44	317.9	11.93	325.7	12.23
	60	198.6	6.46	237.0	7.85	275.4	9.35	293.0	10.10	296.3	10.85	310.0	12.31	316.7	12.52
	65	198.6	6.60	237.0	8.02	275.4	9.52	288.6	10.30	293.0	11.05	305.5	12.72	313.4	12.82
	70	198.6	6.47	237.0	7.86	275.4	9.67	283.1	10.64	286.4	11.68	299.9	12.97	306.7	13.10
	75	198.6	6.63	237.0	8.38	275.4	10.35	278.7	11.42	283.1	12.52	295.5	13.59	303.3	13.68
	80	198.6	7.54	237.0	9.54	267.7	11.84	271.0	13.07	274.3	14.36	287.6	14.75	294.3	14.88
	85	198.6	8.02	237.0	10.19	263.3	12.65	266.6	13.94	271.0	15.24	283.2	15.37	291.0	15.50
	90	198.6	9.09	237.0	11.58	255.7	14.36	259.0	15.88	262.2	16.43	275.3	16.56	282.0	16.72
	95	200.7	9.64	239.5	12.33	253.9	15.33	**257.2**	**16.95**	261.7	17.02	273.7	17.18	281.6	17.34
	100	200.7	10.44	239.5	13.33	249.5	16.62	253.9	17.84	257.2	17.94	270.3	18.10	277.1	18.27
	105	200.7	11.76	235.7	15.09	242.8	18.76	246.8	19.18	250.0	19.29	262.4	19.45	266.8	19.63
	110	200.7	13.21	229.7	17.00	237.1	20.45	237.9	20.55	241.4	20.62	248.9	20.82	249.8	21.02
	115	195.1	15.28	221.3	19.55	221.3	21.56	221.3	21.56	221.3	21.56	226.7	21.60	227.7	21.64
	118	174.2	13.49	192.4	16.56	192.7	18.13	192.7	18.29	192.7	18.29	197.4	18.33	196.6	18.36
	122	139.2	10.23	154.3	12.60	153.6	13.80	153.9	13.83	154.3	13.85	158.5	13.89	158.2	13.95

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Cooling Capacity ARUN240BTE4, ARUN240DTE4 / ARUB240BTE4, ARUB240DTE4

240,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
110%	-9.9	184.1	4.28	219.5	5.16	255.0	6.12	272.8	6.63	290.5	7.11	320.1	8.11	326.9	8.41
	-5	184.1	4.51	219.5	5.45	255.0	6.45	272.8	7.00	290.5	7.50	320.1	8.55	326.9	8.87
	0	184.1	4.70	219.5	5.66	255.0	6.71	272.8	7.28	290.5	7.80	320.1	8.90	326.9	9.23
	5	184.1	4.87	219.5	5.87	255.0	6.96	272.8	7.54	290.5	8.08	320.1	9.22	326.9	9.57
	10	184.1	5.01	219.5	6.04	255.0	7.16	272.8	7.76	290.5	8.32	320.1	9.49	326.9	9.84
	14	184.1	5.19	219.5	6.26	255.0	7.42	272.8	8.04	290.5	8.62	320.1	9.83	326.9	10.20
	20	184.1	5.26	219.5	6.36	255.0	7.53	272.8	8.15	290.5	8.75	320.1	10.00	326.9	10.36
	25	184.1	5.33	219.5	6.44	255.0	7.62	272.8	8.25	290.5	8.86	320.1	10.14	326.9	10.49
	30	184.1	5.39	219.5	6.52	255.0	7.72	272.8	8.34	290.5	8.97	320.1	10.28	326.9	10.62
	35	184.1	5.47	219.5	6.62	255.0	7.82	272.8	8.46	290.5	9.10	320.1	10.43	326.9	10.79
	40	184.1	5.55	219.5	6.71	255.0	7.94	272.8	8.58	290.5	9.22	320.1	10.57	326.9	10.93
	45	184.1	5.64	219.5	6.81	255.0	8.07	272.8	8.72	290.5	9.38	320.1	10.75	326.9	11.11
	50	184.1	5.73	219.5	6.93	255.0	8.20	272.8	8.86	290.5	9.53	320.1	10.92	326.9	11.29
	55	184.1	5.83	219.5	7.06	255.0	8.36	272.8	9.05	290.5	9.72	315.5	11.11	322.3	11.39
	60	184.1	6.02	219.5	7.31	255.0	8.71	272.8	9.40	290.5	10.10	307.6	11.46	314.4	11.56
	65	184.1	6.14	219.5	7.47	255.0	8.86	272.8	9.59	290.5	10.29	303.1	11.84	309.9	11.94
	70	184.1	6.20	219.5	7.54	255.0	9.27	272.8	10.21	285.0	11.20	297.4	12.44	304.2	12.56
	75	184.1	6.36	219.5	8.03	255.0	9.93	272.8	10.95	280.5	12.00	292.9	13.03	299.7	13.12
	80	182.2	7.23	217.3	9.15	252.4	11.35	266.7	12.53	270.0	13.77	282.1	14.14	288.8	14.27
	85	182.2	7.69	217.3	9.77	252.4	12.13	262.3	13.37	265.6	14.61	277.6	14.73	284.3	14.86
	90	182.2	8.72	217.3	11.10	251.3	13.77	254.6	15.23	257.9	15.76	269.8	15.88	276.5	16.04
	95	182.2	9.24	217.3	11.82	246.9	14.70	**250.2**	**16.25**	253.5	16.32	265.3	16.47	272.0	16.63
	100	182.2	10.01	217.3	12.78	243.6	15.94	246.9	17.11	250.2	17.20	261.9	17.36	268.7	17.52
	105	182.2	11.28	217.3	14.46	236.1	17.99	239.3	18.40	242.6	18.49	254.2	18.66	260.7	18.84
	110	182.2	12.67	217.3	16.30	228.7	19.61	229.4	19.71	232.8	19.77	240.1	19.96	241.0	20.16
	115	182.2	14.65	217.3	18.75	219.0	20.67	219.0	20.67	220.0	20.67	224.4	20.71	225.4	20.75
	118	176.1	13.35	189.0	15.88	190.7	17.38	190.7	17.54	191.6	17.54	195.4	17.57	194.6	17.60
	122	140.7	10.13	151.5	12.08	152.0	13.23	152.4	13.26	153.4	13.28	156.9	13.32	156.6	13.38
100%	-9.9	161.8	3.76	192.9	4.54	223.9	5.38	240.0	5.87	263.8	6.35	295.8	7.32	312.3	7.63
	-5	161.8	3.97	192.9	4.79	223.9	5.68	240.0	6.19	263.8	6.70	295.8	7.73	312.3	8.05
	0	161.8	4.13	192.9	4.99	223.9	5.91	240.0	6.44	263.8	6.97	295.8	8.04	312.3	8.37
	5	161.8	4.28	192.9	5.17	223.9	6.12	240.0	6.67	263.8	7.22	295.8	8.33	312.3	8.68
	10	161.8	4.41	192.9	5.32	223.9	6.30	240.0	6.86	263.8	7.43	295.8	8.57	312.3	8.93
	14	161.8	4.57	192.9	5.51	223.9	6.53	240.0	7.11	263.8	7.70	295.8	8.88	312.3	9.25
	20	161.8	4.71	192.9	5.69	223.9	6.73	240.0	7.32	263.8	7.94	295.8	9.14	312.3	9.51
	25	161.8	4.83	192.9	5.84	223.9	6.91	240.0	7.48	263.8	8.15	295.8	9.36	312.3	9.73
	30	161.8	4.95	192.9	5.99	223.9	7.08	240.0	7.65	263.8	8.35	295.8	9.57	312.3	9.95
	35	161.8	5.02	192.9	6.08	223.9	7.19	240.0	7.78	263.8	8.49	295.8	9.73	312.3	10.12
	40	161.8	5.11	192.9	6.18	223.9	7.31	240.0	7.90	263.8	8.62	295.8	9.88	312.3	10.27
	45	161.8	5.22	192.9	6.31	223.9	7.45	240.0	8.07	263.8	8.79	295.8	10.09	312.3	10.49
	50	161.8	5.32	192.9	6.44	223.9	7.61	240.0	8.23	263.8	8.98	295.8	10.29	312.3	10.70
	55	161.8	5.41	192.9	6.55	223.9	7.76	240.0	8.41	263.8	9.16	295.8	10.47	309.0	10.86
	60	161.8	5.58	192.9	6.79	223.9	8.08	240.0	8.73	263.8	9.52	294.7	10.80	300.2	11.05
	65	161.8	5.70	192.9	6.94	223.9	8.23	240.0	8.90	263.8	9.69	290.2	11.16	296.9	11.38
	70	161.8	5.88	192.9	7.14	223.9	8.79	240.0	9.67	263.8	10.77	284.7	11.96	290.2	12.17
	75	161.8	6.02	192.9	7.61	223.9	9.40	240.0	10.37	263.8	11.54	280.3	12.53	286.9	12.68
	80	161.8	6.85	192.9	8.67	223.9	10.76	240.0	11.87	263.8	13.24	272.6	13.60	278.1	13.79
	85	161.8	7.29	192.9	9.26	223.9	11.49	240.0	12.67	262.7	14.05	268.2	14.17	274.8	14.36
	90	161.8	8.26	192.9	10.52	223.9	13.05	240.0	14.43	253.8	15.15	260.4	15.27	266.0	15.50
	95	161.8	8.76	192.9	11.20	223.9	13.93	**240.0**	**15.40**	250.5	15.69	256.0	15.84	262.7	16.07
	100	161.8	9.46	192.9	12.08	223.9	15.07	235.7	16.17	246.2	16.50	252.7	16.66	258.4	16.89
	105	161.8	10.63	192.9	13.61	222.7	16.94	229.2	17.33	238.8	17.68	245.0	17.83	251.0	18.08
	110	161.8	11.88	192.9	15.28	220.1	18.39	225.1	18.48	229.7	18.82	233.3	19.00	237.6	19.28
	115	161.8	13.65	192.9	17.46	209.5	19.25	216.0	19.25	221.4	19.54	223.5	19.57	224.5	19.71
	118	161.8	13.76	169.2	16.37	182.4	16.19	188.1	16.33	192.8	16.58	194.6	16.61	193.8	16.72
	122	138.4	12.46	135.7	12.45	145.4	12.32	150.3	12.35	154.4	12.55	156.2	12.59	156.0	12.70

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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PERFORMANCE DATA

ARUN240BTE4, ARUN240DTE4 / ARUB240BTE4, ARUB240DTE4 Cooling Capacity

240,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
90%	-9.9	145.7	3.36	173.6	4.02	202.5	4.75	216.4	5.11	230.4	5.46	258.2	6.29	286.1	6.91
	-5	145.7	3.54	173.6	4.25	202.5	5.01	216.4	5.39	230.4	5.76	258.2	6.64	286.1	7.29
	0	145.7	3.69	173.6	4.42	202.5	5.22	216.4	5.61	230.4	6.00	258.2	6.91	286.1	7.58
	5	145.7	3.82	173.6	4.58	202.5	5.41	216.4	5.82	230.4	6.21	258.2	7.16	286.1	7.86
	10	145.7	3.93	173.6	4.71	202.5	5.56	216.4	5.98	230.4	6.39	258.2	7.36	286.1	8.08
	14	145.7	4.07	173.6	4.88	202.5	5.76	216.4	6.20	230.4	6.62	258.2	7.63	286.1	8.38
	20	145.7	4.22	173.6	5.07	202.5	5.98	216.4	6.44	230.4	6.90	258.2	7.90	286.1	8.70
	25	145.7	4.34	173.6	5.22	202.5	6.16	216.4	6.64	230.4	7.13	258.2	8.13	286.1	8.96
	30	145.7	4.47	173.6	5.38	202.5	6.34	216.4	6.84	230.4	7.36	258.2	8.36	286.1	9.23
	35	145.7	4.60	173.6	5.54	202.5	6.53	216.4	7.04	230.4	7.58	258.2	8.61	286.1	9.52
	40	145.7	4.74	173.6	5.70	202.5	6.73	216.4	7.25	230.4	7.81	258.2	8.87	286.1	9.79
	45	145.7	4.85	173.6	5.84	202.5	6.88	216.4	7.42	230.4	7.99	258.2	9.07	286.1	10.03
	50	145.7	4.96	173.6	5.97	202.5	7.04	216.4	7.59	230.4	8.17	258.2	9.28	286.1	10.24
	55	145.7	5.02	173.6	6.06	202.5	7.16	216.4	7.74	230.4	8.32	258.2	9.46	286.1	10.34
	60	145.7	5.20	173.6	6.30	202.5	7.43	216.4	8.05	230.4	8.66	258.2	9.82	283.7	10.46
	65	145.7	5.29	173.6	6.42	202.5	7.59	216.4	8.20	230.4	8.81	258.2	10.01	281.8	10.98
	70	145.7	5.45	173.6	6.61	202.5	7.86	216.4	8.66	230.4	9.45	258.2	11.16	276.4	11.80
	75	145.7	5.54	173.6	6.91	202.5	8.41	216.4	9.27	230.4	10.16	258.2	11.65	272.1	12.32
	80	145.7	6.21	173.6	7.83	202.5	9.61	216.4	10.59	230.4	11.60	258.2	12.87	264.6	13.40
	85	145.7	6.61	173.6	8.35	202.5	10.28	216.4	11.29	230.4	12.39	255.0	13.56	260.4	13.95
	90	145.7	7.46	173.6	9.45	202.5	11.66	216.4	12.85	230.4	14.10	247.5	14.84	252.9	15.06
	95	145.7	7.95	173.6	10.03	202.5	12.42	**216.4**	**13.71**	230.4	15.05	243.2	15.40	248.6	15.61
	100	145.7	8.21	173.6	10.46	202.5	12.94	216.4	14.25	230.4	15.38	240.0	16.06	244.3	16.24
	105	145.7	9.52	173.6	12.14	202.5	14.63	216.4	15.60	227.8	16.49	232.6	17.22	235.7	17.43
	110	145.7	10.93	173.6	14.00	202.5	16.05	216.4	16.85	218.6	17.88	221.5	18.49	223.2	18.70
	115	145.7	11.84	173.6	15.17	189.6	16.90	205.2	17.62	208.1	18.46	210.1	18.86	211.0	19.10
	118	145.7	12.57	169.2	16.37	165.1	14.21	178.7	14.95	181.2	15.66	182.9	16.00	182.1	16.21
	122	138.4	12.46	135.7	12.45	131.6	10.82	142.8	11.31	145.1	11.86	146.9	12.13	146.6	12.31
80%	-9.9	129.6	2.91	154.3	3.50	180.0	4.07	191.8	4.42	204.6	4.77	229.3	5.44	253.9	6.06
	-5	129.6	3.07	154.3	3.70	180.0	4.29	191.8	4.66	204.6	5.03	229.3	5.74	253.9	6.40
	0	129.6	3.19	154.3	3.85	180.0	4.47	191.8	4.85	204.6	5.23	229.3	5.97	253.9	6.65
	5	129.6	3.31	154.3	3.99	180.0	4.63	191.8	5.03	204.6	5.42	229.3	6.19	253.9	6.90
	10	129.6	3.40	154.3	4.10	180.0	4.76	191.8	5.17	204.6	5.58	229.3	6.37	253.9	7.09
	14	129.6	3.53	154.3	4.25	180.0	4.93	191.8	5.36	204.6	5.78	229.3	6.60	253.9	7.35
	20	129.6	3.66	154.3	4.40	180.0	5.13	191.8	5.56	204.6	5.98	229.3	6.84	253.9	7.63
	25	129.6	3.77	154.3	4.53	180.0	5.30	191.8	5.73	204.6	6.14	229.3	7.04	253.9	7.87
	30	129.6	3.88	154.3	4.65	180.0	5.46	191.8	5.90	204.6	6.31	229.3	7.24	253.9	8.11
	35	129.6	3.99	154.3	4.79	180.0	5.62	191.8	6.05	204.6	6.48	229.3	7.44	253.9	8.33
	40	129.6	4.10	154.3	4.91	180.0	5.76	191.8	6.22	204.6	6.66	229.3	7.64	253.9	8.55
	45	129.6	4.16	154.3	4.97	180.0	5.85	191.8	6.31	204.6	6.75	229.3	7.75	253.9	8.67
	50	129.6	4.21	154.3	5.05	180.0	5.92	191.8	6.40	204.6	6.84	229.3	7.85	253.9	8.79
	55	129.6	4.28	154.3	5.13	180.0	6.03	191.8	6.50	204.6	6.97	229.3	8.00	253.9	8.94
	60	129.6	4.43	154.3	5.30	180.0	6.25	191.8	6.74	204.6	7.25	229.3	8.28	253.9	9.30
	65	129.6	4.49	154.3	5.41	180.0	6.37	191.8	6.87	204.6	7.40	229.3	8.43	253.9	9.52
	70	129.6	4.62	154.3	5.56	180.0	6.57	191.8	7.08	204.6	7.70	229.3	9.09	253.9	10.52
	75	129.6	4.71	154.3	5.67	180.0	6.89	191.8	7.55	204.6	8.21	229.3	9.67	253.9	11.10
	80	129.6	5.15	154.3	6.44	180.0	7.85	191.8	8.58	204.6	9.37	229.3	11.12	253.9	12.40
	85	129.6	5.50	154.3	6.84	180.0	8.36	191.8	9.15	204.6	10.03	229.3	11.85	253.9	12.72
	90	129.6	6.18	154.3	7.76	180.0	9.45	191.8	10.40	204.6	11.40	229.3	13.03	249.8	13.48
	95	129.6	6.57	154.3	8.21	180.0	10.10	**191.8**	**11.04**	204.6	12.13	229.3	13.48	244.4	13.84
	100	129.6	7.08	154.3	8.86	180.0	10.89	191.8	11.82	204.6	12.61	229.3	14.03	238.9	14.29
	105	129.6	8.07	154.3	10.13	180.0	12.12	191.8	12.69	204.6	13.52	226.6	14.58	232.1	15.00
	110	129.6	9.15	154.3	11.55	180.0	12.86	191.8	13.55	204.6	14.57	218.6	15.12	219.6	15.77
	115	129.6	9.80	154.3	12.34	180.0	13.29	191.8	14.25	191.8	14.91	193.0	15.46	193.0	16.40
	118	129.6	10.40	154.3	13.12	165.1	14.21	168.4	13.52	167.0	12.65	168.0	13.12	166.6	13.92
	122	129.6	11.24	136.1	12.37	131.6	10.82	134.6	10.23	133.8	9.58	134.9	9.95	134.1	10.57

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Cooling Capacity ARUN240BTE4, ARUN240DTE4 / ARUB240BTE4, ARUB240DTE4

240,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
70%	-9.9	113.6	2.57	135.0	3.05	157.5	3.59	168.2	3.84	178.9	4.10	200.4	4.69	222.9	5.25
	-5	113.6	2.71	135.0	3.22	157.5	3.79	168.2	4.06	178.9	4.32	200.4	4.95	222.9	5.54
	0	113.6	2.82	135.0	3.35	157.5	3.94	168.2	4.22	178.9	4.50	200.4	5.15	222.9	5.76
	5	113.6	2.92	135.0	3.47	157.5	4.09	168.2	4.37	178.9	4.66	200.4	5.34	222.9	5.97
	10	113.6	3.00	135.0	3.57	157.5	4.20	168.2	4.50	178.9	4.79	200.4	5.49	222.9	6.15
	14	113.6	3.11	135.0	3.70	157.5	4.36	168.2	4.66	178.9	4.97	200.4	5.69	222.9	6.37
	20	113.6	3.22	135.0	3.82	157.5	4.49	168.2	4.82	178.9	5.14	200.4	5.87	222.9	6.58
	25	113.6	3.31	135.0	3.93	157.5	4.60	168.2	4.94	178.9	5.28	200.4	6.02	222.9	6.76
	30	113.6	3.40	135.0	4.03	157.5	4.72	168.2	5.07	178.9	5.43	200.4	6.17	222.9	6.94
	35	113.6	3.50	135.0	4.14	157.5	4.85	168.2	5.21	178.9	5.57	200.4	6.33	222.9	7.13
	40	113.6	3.58	135.0	4.24	157.5	4.97	168.2	5.34	178.9	5.71	200.4	6.50	222.9	7.31
	45	113.6	3.63	135.0	4.31	157.5	5.05	168.2	5.44	178.9	5.81	200.4	6.61	222.9	7.42
	50	113.6	3.70	135.0	4.38	157.5	5.13	168.2	5.52	178.9	5.90	200.4	6.72	222.9	7.55
	55	113.6	3.76	135.0	4.47	157.5	5.22	168.2	5.60	178.9	6.01	200.4	6.84	222.9	7.70
	60	113.6	3.87	135.0	4.62	157.5	5.41	168.2	5.82	178.9	6.22	200.4	7.10	222.9	8.00
	65	113.6	3.94	135.0	4.71	157.5	5.50	168.2	5.92	178.9	6.35	200.4	7.23	222.9	8.13
	70	113.6	4.04	135.0	4.83	157.5	5.67	168.2	6.10	178.9	6.55	200.4	7.49	222.9	8.64
	75	113.6	4.11	135.0	4.92	157.5	5.78	168.2	6.31	178.9	6.84	200.4	8.00	222.9	9.15
	80	113.6	4.43	135.0	5.43	157.5	6.57	168.2	7.17	178.9	7.76	200.4	8.85	222.9	10.15
	85	113.6	4.71	135.0	5.78	157.5	6.99	168.2	7.64	178.9	8.36	200.4	9.42	222.9	10.58
	90	113.6	5.28	135.0	6.52	157.5	7.91	168.2	8.64	178.9	9.45	200.4	10.51	222.9	11.48
	95	113.6	5.58	135.0	6.93	157.5	8.43	**168.2**	**9.22**	178.9	10.03	200.4	11.05	222.9	11.83
	100	113.6	6.03	135.0	7.49	157.5	9.09	168.2	9.95	178.9	10.33	200.4	11.57	222.9	12.16
	105	113.6	6.84	135.0	8.53	157.5	10.03	168.2	10.61	178.9	11.23	200.4	12.18	222.9	12.87
	110	113.6	7.70	135.0	9.67	157.5	10.61	168.2	11.25	178.9	12.17	200.4	12.69	216.4	13.84
	115	113.6	8.28	135.0	10.31	157.5	10.97	168.2	11.89	178.9	12.53	200.4	13.07	204.0	14.74
	118	113.6	8.79	135.0	10.95	157.5	11.66	168.2	12.60	162.8	12.53	168.0	11.09	166.6	12.50
	122	113.6	9.48	135.0	11.86	140.6	11.13	134.4	10.36	130.4	9.48	134.9	8.41	134.1	9.50
60%	-9.9	97.5	2.23	115.7	2.58	135.0	3.03	143.6	3.24	153.2	3.49	172.5	3.95	190.7	4.42
	-5	97.5	2.35	115.7	2.73	135.0	3.20	143.6	3.42	153.2	3.68	172.5	4.17	190.7	4.66
	0	97.5	2.44	115.7	2.84	135.0	3.33	143.6	3.56	153.2	3.83	172.5	4.34	190.7	4.85
	5	97.5	2.53	115.7	2.94	135.0	3.45	143.6	3.69	153.2	3.97	172.5	4.49	190.7	5.02
	10	97.5	2.61	115.7	3.02	135.0	3.55	143.6	3.79	153.2	4.08	172.5	4.62	190.7	5.17
	14	97.5	2.70	115.7	3.13	135.0	3.68	143.6	3.93	153.2	4.23	172.5	4.79	190.7	5.36
	20	97.5	2.78	115.7	3.25	135.0	3.80	143.6	4.07	153.2	4.37	172.5	4.95	190.7	5.54
	25	97.5	2.85	115.7	3.34	135.0	3.90	143.6	4.18	153.2	4.48	172.5	5.08	190.7	5.70
	30	97.5	2.92	115.7	3.44	135.0	4.00	143.6	4.30	153.2	4.59	172.5	5.21	190.7	5.85
	35	97.5	2.99	115.7	3.53	135.0	4.10	143.6	4.40	153.2	4.71	172.5	5.34	190.7	6.01
	40	97.5	3.07	115.7	3.62	135.0	4.21	143.6	4.52	153.2	4.84	172.5	5.49	190.7	6.16
	45	97.5	3.10	115.7	3.65	135.0	4.24	143.6	4.56	153.2	4.88	172.5	5.53	190.7	6.21
	50	97.5	3.12	115.7	3.68	135.0	4.28	143.6	4.60	153.2	4.92	172.5	5.58	190.7	6.27
	55	97.5	3.17	115.7	3.74	135.0	4.36	143.6	4.68	153.2	5.01	172.5	5.69	190.7	6.37
	60	97.5	3.27	115.7	3.87	135.0	4.51	143.6	4.86	153.2	5.20	172.5	5.88	190.7	6.63
	65	97.5	3.32	115.7	3.94	135.0	4.60	143.6	4.94	153.2	5.28	172.5	6.01	190.7	6.76
	70	97.5	3.40	115.7	4.04	135.0	4.73	143.6	5.07	153.2	5.43	172.5	6.18	190.7	7.02
	75	97.5	3.47	115.7	4.11	135.0	4.81	143.6	5.18	153.2	5.60	172.5	6.55	190.7	7.47
	80	97.5	3.68	115.7	4.49	135.0	5.39	143.6	5.88	153.2	6.37	172.5	7.33	190.7	8.44
	85	97.5	3.91	115.7	4.77	135.0	5.73	143.6	6.27	153.2	6.82	172.5	7.72	190.7	8.71
	90	97.5	4.38	115.7	5.39	135.0	6.48	143.6	7.08	153.2	7.66	172.5	8.63	190.7	9.51
	95	97.5	4.64	115.7	5.71	135.0	6.89	**143.6**	**7.55**	153.2	8.11	172.5	9.02	190.7	10.01
	100	97.5	4.98	115.7	6.14	135.0	7.42	143.6	8.13	153.2	8.48	172.5	9.57	190.7	10.44
	105	97.5	5.67	115.7	6.99	135.0	8.19	143.6	8.67	153.2	9.22	172.5	10.16	190.7	11.38
	110	97.5	6.37	115.7	7.94	135.0	8.84	143.6	9.20	153.2	9.97	172.5	10.87	190.7	12.41
	115	97.5	6.82	115.7	8.47	135.0	9.18	143.6	9.73	153.2	10.32	172.5	11.49	190.7	13.27
	118	97.5	7.22	115.7	8.98	135.0	9.75	143.6	10.34	153.2	10.98	168.0	11.09	166.6	12.50
	122	97.5	7.79	115.7	9.71	135.0	10.57	134.1	10.49	129.8	9.71	134.9	8.41	134.1	9.50

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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PERFORMANCE DATA

ARUN240BTE4, ARUN240DTE4 / ARUB240BTE4, ARUB240DTE4 Cooling Capacity

240,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
50%	-9.9	81.0	1.91	96.4	2.25	112.5	2.52	120.0	2.72	127.5	2.92	143.6	3.24	158.6	3.60
	-5	81.0	2.02	96.4	2.38	112.5	2.66	120.0	2.87	127.5	3.08	143.6	3.42	158.6	3.79
	0	81.0	2.10	96.4	2.47	112.5	2.77	120.0	2.98	127.5	3.21	143.6	3.56	158.6	3.95
	5	81.0	2.18	96.4	2.56	112.5	2.87	120.0	3.09	127.5	3.32	143.6	3.69	158.6	4.09
	10	81.0	2.24	96.4	2.64	112.5	2.95	120.0	3.18	127.5	3.42	143.6	3.80	158.6	4.21
	14	81.0	2.32	96.4	2.73	112.5	3.06	120.0	3.29	127.5	3.54	143.6	3.93	158.6	4.36
	20	81.0	2.41	96.4	2.82	112.5	3.18	120.0	3.41	127.5	3.66	143.6	4.08	158.6	4.53
	25	81.0	2.48	96.4	2.89	112.5	3.29	120.0	3.51	127.5	3.76	143.6	4.20	158.6	4.67
	30	81.0	2.55	96.4	2.96	112.5	3.39	120.0	3.61	127.5	3.85	143.6	4.32	158.6	4.80
	35	81.0	2.62	96.4	3.03	112.5	3.48	120.0	3.71	127.5	3.96	143.6	4.44	158.6	4.93
	40	81.0	2.69	96.4	3.11	112.5	3.57	120.0	3.80	127.5	4.06	143.6	4.54	158.6	5.06
	45	81.0	2.73	96.4	3.16	112.5	3.62	120.0	3.85	127.5	4.11	143.6	4.60	158.6	5.13
	50	81.0	2.76	96.4	3.20	112.5	3.67	120.0	3.91	127.5	4.17	143.6	4.67	158.6	5.20
	55	81.0	2.82	96.4	3.26	112.5	3.73	120.0	3.97	127.5	4.23	143.6	4.76	158.6	5.29
	60	81.0	2.88	96.4	3.35	112.5	3.85	120.0	4.11	127.5	4.38	143.6	4.91	158.6	5.50
	65	81.0	2.91	96.4	3.41	112.5	3.91	120.0	4.17	127.5	4.44	143.6	5.00	158.6	5.58
	70	81.0	3.00	96.4	3.47	112.5	4.00	120.0	4.29	127.5	4.56	143.6	5.14	158.6	5.76
	75	81.0	3.03	96.4	3.53	112.5	4.09	120.0	4.35	127.5	4.64	143.6	5.23	158.6	5.88
	80	81.0	3.12	96.4	3.73	112.5	4.38	120.0	4.73	127.5	5.08	143.6	5.85	158.6	6.67
	85	81.0	3.32	96.4	3.94	112.5	4.64	120.0	5.03	127.5	5.41	143.6	6.23	158.6	7.11
	90	81.0	3.70	96.4	4.41	112.5	5.23	120.0	5.64	127.5	6.08	143.6	7.02	158.6	8.05
	95	81.0	3.91	96.4	4.67	112.5	5.53	**120.0**	**6.00**	127.5	6.47	143.6	7.46	158.6	8.55
	100	81.0	4.11	96.4	4.94	112.5	5.85	120.0	6.35	127.5	6.85	143.6	7.94	158.6	9.08
	105	81.0	4.50	96.4	5.45	112.5	6.47	120.0	7.01	127.5	7.58	143.6	8.79	158.6	10.10
	110	81.0	4.97	96.4	6.02	112.5	7.17	120.0	7.79	127.5	8.43	143.6	9.82	158.6	11.29
	115	81.0	5.32	96.4	6.47	112.5	7.70	120.0	8.38	127.5	9.08	143.6	10.58	158.6	12.17
	118	81.0	5.75	96.4	7.01	112.5	8.37	120.0	9.11	127.5	9.89	143.6	11.09	158.6	12.50
	122	81.0	6.34	96.4	7.75	112.5	9.26	120.0	10.11	127.5	9.71	134.9	8.41	134.1	9.50

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Cooling Capacity ARUN264BTE4, ARUN264DTE4 / ARUB264BTE4, ARUB264DTE4

264,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
130%	-9.9	240.1	5.60	285.2	6.79	331.5	8.06	343.7	8.70	348.5	9.38	360.6	10.75	369.2	11.11
	-5	240.1	5.90	285.2	7.16	331.5	8.50	343.7	9.18	348.5	9.90	360.6	11.35	369.2	11.72
	0	240.1	6.14	285.2	7.45	331.5	8.85	343.7	9.54	348.5	10.30	360.6	11.80	369.2	12.19
	5	240.1	6.36	285.2	7.72	331.5	9.17	343.7	9.89	348.5	10.67	360.6	12.23	369.2	12.64
	10	240.1	6.55	285.2	7.95	331.5	9.43	343.7	10.18	348.5	10.98	360.6	12.59	369.2	13.00
	14	240.1	6.79	285.2	8.23	331.5	9.77	343.7	10.55	348.5	11.38	360.6	13.04	369.2	13.47
	20	240.1	6.90	285.2	8.37	331.5	9.92	343.7	10.71	348.5	11.53	360.6	13.22	369.2	13.67
	25	240.1	7.00	285.2	8.47	331.5	10.03	343.7	10.84	348.5	11.67	360.6	13.37	369.2	13.83
	30	240.1	7.09	285.2	8.58	331.5	10.15	343.7	10.98	348.5	11.80	360.6	13.52	369.2	13.99
	35	240.1	7.17	285.2	8.69	331.5	10.27	343.7	11.10	348.5	11.94	360.6	13.68	369.2	14.16
	40	240.1	7.27	285.2	8.79	331.5	10.40	343.7	11.24	348.5	12.08	360.6	13.85	369.2	14.33
	45	240.1	7.34	285.2	8.88	331.5	10.51	343.7	11.35	348.5	12.20	360.6	14.00	369.2	14.47
	50	240.1	7.41	285.2	8.97	331.5	10.61	343.7	11.47	348.5	12.33	360.6	14.13	369.2	14.62
	55	240.1	7.54	285.2	9.13	331.5	10.81	338.8	11.71	343.7	12.57	355.7	14.38	364.3	14.72
	60	240.1	7.78	285.2	9.46	326.6	11.26	331.2	12.16	335.1	13.07	347.1	14.83	355.7	14.89
	65	240.1	7.95	285.2	9.67	321.7	11.47	326.6	12.41	330.3	13.31	342.2	15.32	350.8	15.44
	70	240.1	7.65	285.2	9.29	315.6	11.43	319.3	12.58	324.2	13.80	336.0	15.33	344.6	15.48
	75	240.1	7.84	285.2	9.90	310.8	12.23	314.4	13.49	319.3	14.79	331.1	16.06	339.7	16.17
	80	240.1	8.91	285.2	11.28	302.2	13.99	305.9	15.44	310.8	16.97	322.5	17.43	331.1	17.58
	85	240.1	9.48	285.2	12.04	297.3	14.95	302.2	16.48	305.9	18.01	317.6	18.16	326.2	18.31
	90	240.1	10.74	280.3	13.69	288.8	16.97	292.5	18.77	297.3	19.42	308.9	19.57	317.6	19.76
	95	242.6	11.39	278.3	14.56	287.0	18.12	**291.9**	**20.03**	295.6	20.11	307.2	20.30	316.0	20.49
	100	242.6	12.33	273.4	15.75	282.0	19.64	287.0	21.08	290.7	21.20	303.5	21.39	312.2	21.59
	105	242.6	13.90	266.1	17.82	274.6	22.15	278.9	22.67	283.2	22.79	292.9	22.99	297.2	23.22
	110	242.6	15.61	255.0	20.09	265.7	24.17	266.5	24.29	270.5	24.37	276.2	24.60	277.2	24.84
	115	241.4	18.06	245.8	23.10	245.8	25.48	245.8	25.48	245.8	25.48	249.4	25.52	250.5	25.57
	118	209.9	15.30	213.7	19.57	214.0	21.42	214.0	21.62	214.0	21.62	217.1	21.65	216.2	21.69
	122	167.7	11.61	171.4	14.88	170.6	16.31	171.0	16.35	171.4	16.37	174.3	16.41	174.0	16.48
120%	-9.9	218.5	5.27	260.7	6.39	303.0	7.57	324.7	8.16	339.2	8.80	354.6	10.09	361.9	10.43
	-5	218.5	5.56	260.7	6.74	303.0	7.98	324.7	8.61	339.2	9.28	354.6	10.64	361.9	11.00
	0	218.5	5.79	260.7	7.01	303.0	8.31	324.7	8.96	339.2	9.66	354.6	11.07	361.9	11.44
	5	218.5	6.00	260.7	7.27	303.0	8.61	324.7	9.28	339.2	10.01	354.6	11.48	361.9	11.86
	10	218.5	6.17	260.7	7.48	303.0	8.86	324.7	9.55	339.2	10.30	354.6	11.81	361.9	12.20
	14	218.5	6.39	260.7	7.75	303.0	9.18	324.7	9.90	339.2	10.67	354.6	12.23	361.9	12.64
	20	218.5	6.49	260.7	7.87	303.0	9.31	324.7	10.05	339.2	10.82	354.6	12.41	361.9	12.83
	25	218.5	6.58	260.7	7.96	303.0	9.42	324.7	10.18	339.2	10.95	354.6	12.55	361.9	12.98
	30	218.5	6.66	260.7	8.06	303.0	9.53	324.7	10.30	339.2	11.08	354.6	12.69	361.9	13.14
	35	218.5	6.75	260.7	8.15	303.0	9.64	324.7	10.44	339.2	11.21	354.6	12.85	361.9	13.30
	40	218.5	6.83	260.7	8.26	303.0	9.77	324.7	10.56	339.2	11.35	354.6	13.01	361.9	13.47
	45	218.5	6.91	260.7	8.35	303.0	9.88	324.7	10.69	339.2	11.48	354.6	13.15	361.9	13.62
	50	218.5	6.98	260.7	8.45	303.0	9.99	324.7	10.80	339.2	11.61	354.6	13.31	361.9	13.77
	55	218.5	7.10	260.7	8.60	303.0	10.18	324.7	11.03	335.5	11.84	349.6	13.54	358.3	13.87
	60	218.5	7.33	260.7	8.91	303.0	10.61	322.3	11.46	325.9	12.30	341.0	13.96	348.4	14.21
	65	218.5	7.48	260.7	9.10	303.0	10.80	317.4	11.69	322.3	12.54	336.1	14.43	344.7	14.54
	70	218.5	7.34	260.7	8.92	303.0	10.97	311.4	12.07	315.0	13.25	329.9	14.72	337.3	14.86
	75	218.5	7.52	260.7	9.50	303.0	11.74	306.6	12.95	311.4	14.20	325.0	15.41	333.6	15.52
	80	218.5	8.55	260.7	10.83	294.5	13.43	298.1	14.83	301.7	16.29	316.4	16.73	323.8	16.88
	85	218.5	9.10	260.7	11.56	289.7	14.35	293.3	15.82	298.1	17.28	311.5	17.43	320.1	17.58
	90	218.5	10.31	260.7	13.14	281.2	16.29	284.8	18.02	288.5	18.64	302.9	18.79	310.2	18.97
	95	220.8	10.94	263.5	13.98	279.3	17.39	**283.0**	**19.23**	287.8	19.30	301.1	19.49	309.8	19.67
	100	220.8	11.84	263.5	15.12	274.4	18.86	279.3	20.24	283.0	20.35	297.3	20.54	304.8	20.72
	105	220.8	13.34	259.3	17.12	267.1	21.28	271.4	21.76	275.0	21.88	288.7	22.07	293.5	22.27
	110	220.8	14.98	252.7	19.28	260.9	23.20	261.6	23.31	265.5	23.39	273.8	23.62	274.8	23.85
	115	214.7	17.34	243.4	22.18	243.4	24.46	243.4	24.46	243.4	24.46	249.4	24.50	250.5	24.54
	118	191.7	15.30	211.7	18.79	211.9	20.57	211.9	20.75	211.9	20.75	217.1	20.79	216.2	20.83
	122	153.1	11.61	169.7	14.29	168.9	15.66	169.3	15.69	169.8	15.71	174.4	15.76	174.1	15.82

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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PERFORMANCE DATA

ARUN264BTE4, ARUN264DTE4 / ARUB264BTE4, ARUB264DTE4 Cooling Capacity

264,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
110%	-9.9	202.5	4.85	241.5	5.85	280.5	6.94	300.0	7.52	319.6	8.06	352.1	9.20	359.5	9.54
	-5	202.5	5.12	241.5	6.18	280.5	7.32	300.0	7.94	319.6	8.51	352.1	9.70	359.5	10.07
	0	202.5	5.33	241.5	6.43	280.5	7.62	300.0	8.26	319.6	8.85	352.1	10.09	359.5	10.47
	5	202.5	5.52	241.5	6.66	280.5	7.89	300.0	8.56	319.6	9.17	352.1	10.46	359.5	10.85
	10	202.5	5.68	241.5	6.85	280.5	8.12	300.0	8.80	319.6	9.43	352.1	10.76	359.5	11.17
	14	202.5	5.89	241.5	7.10	280.5	8.42	300.0	9.12	319.6	9.78	352.1	11.15	359.5	11.57
	20	202.5	5.97	241.5	7.21	280.5	8.54	300.0	9.25	319.6	9.92	352.1	11.34	359.5	11.75
	25	202.5	6.04	241.5	7.31	280.5	8.65	300.0	9.36	319.6	10.05	352.1	11.50	359.5	11.90
	30	202.5	6.12	241.5	7.40	280.5	8.75	300.0	9.46	319.6	10.17	352.1	11.66	359.5	12.05
	35	202.5	6.21	241.5	7.51	280.5	8.87	300.0	9.60	319.6	10.33	352.1	11.83	359.5	12.25
	40	202.5	6.29	241.5	7.61	280.5	9.00	300.0	9.73	319.6	10.46	352.1	11.99	359.5	12.39
	45	202.5	6.40	241.5	7.73	280.5	9.15	300.0	9.89	319.6	10.64	352.1	12.19	359.5	12.61
	50	202.5	6.50	241.5	7.87	280.5	9.30	300.0	10.06	319.6	10.81	352.1	12.39	359.5	12.80
	55	202.5	6.61	241.5	8.01	280.5	9.48	300.0	10.27	319.6	11.03	347.1	12.61	354.6	12.92
	60	202.5	6.82	241.5	8.30	280.5	9.88	300.0	10.67	319.6	11.46	338.4	13.00	345.9	13.12
	65	202.5	6.97	241.5	8.48	280.5	10.06	300.0	10.88	319.6	11.67	333.4	13.43	340.9	13.54
	70	202.5	7.04	241.5	8.55	280.5	10.52	300.0	11.58	313.5	12.70	327.2	14.11	334.7	14.25
	75	202.5	7.21	241.5	9.11	280.5	11.26	300.0	12.42	308.6	13.62	322.2	14.78	329.7	14.88
	80	200.4	8.20	239.0	10.38	277.7	12.88	293.4	14.22	297.0	15.62	310.3	16.05	317.7	16.19
	85	200.4	8.73	239.0	11.08	277.7	13.76	288.5	15.17	292.2	16.57	305.4	16.71	312.8	16.86
	90	200.4	9.89	239.0	12.60	276.5	15.62	280.1	17.28	283.7	17.88	296.8	18.02	304.2	18.19
	95	200.4	10.49	239.0	13.41	271.6	16.68	**275.2**	**18.44**	278.9	18.51	291.8	18.69	299.2	18.86
	100	200.4	11.35	239.0	14.50	268.0	18.08	271.6	19.41	275.2	19.51	288.1	19.69	295.5	19.87
	105	200.4	12.79	239.0	16.40	259.7	20.40	263.3	20.88	266.8	20.98	279.6	21.17	286.8	21.37
	110	200.4	14.37	239.0	18.49	251.6	22.25	252.4	22.35	256.1	22.43	264.1	22.65	265.1	22.86
	115	200.4	16.62	239.0	21.26	240.9	23.45	240.9	23.45	242.0	23.45	246.8	23.49	247.9	23.53
	118	193.7	15.15	207.9	18.02	209.8	19.72	209.8	19.90	210.7	19.90	214.9	19.93	214.0	19.97
	122	154.7	11.49	166.7	13.70	167.2	15.01	167.6	15.05	168.8	15.07	172.6	15.11	172.3	15.17
100%	-9.9	178.0	4.27	212.1	5.15	246.3	6.11	264.0	6.65	290.1	7.20	325.3	8.31	343.5	8.65
	-5	178.0	4.51	212.1	5.44	246.3	6.44	264.0	7.02	290.1	7.60	325.3	8.77	343.5	9.13
	0	178.0	4.69	212.1	5.66	246.3	6.70	264.0	7.30	290.1	7.90	325.3	9.12	343.5	9.50
	5	178.0	4.86	212.1	5.86	246.3	6.95	264.0	7.57	290.1	8.19	325.3	9.45	343.5	9.84
	10	178.0	5.00	212.1	6.03	246.3	7.15	264.0	7.79	290.1	8.43	325.3	9.72	343.5	10.13
	14	178.0	5.18	212.1	6.25	246.3	7.41	264.0	8.07	290.1	8.73	325.3	10.08	343.5	10.49
	20	178.0	5.34	212.1	6.45	246.3	7.64	264.0	8.30	290.1	9.01	325.3	10.37	343.5	10.79
	25	178.0	5.48	212.1	6.62	246.3	7.84	264.0	8.49	290.1	9.24	325.3	10.61	343.5	11.04
	30	178.0	5.61	212.1	6.79	246.3	8.03	264.0	8.68	290.1	9.47	325.3	10.86	343.5	11.29
	35	178.0	5.70	212.1	6.90	246.3	8.16	264.0	8.82	290.1	9.63	325.3	11.04	343.5	11.48
	40	178.0	5.79	212.1	7.01	246.3	8.29	264.0	8.96	290.1	9.78	325.3	11.21	343.5	11.65
	45	178.0	5.92	212.1	7.16	246.3	8.46	264.0	9.15	290.1	9.98	325.3	11.44	343.5	11.90
	50	178.0	6.03	212.1	7.30	246.3	8.63	264.0	9.34	290.1	10.19	325.3	11.67	343.5	12.14
	55	178.0	6.13	212.1	7.43	246.3	8.80	264.0	9.54	290.1	10.39	325.3	11.88	339.9	12.32
	60	178.0	6.33	212.1	7.70	246.3	9.17	264.0	9.90	290.1	10.79	324.1	12.25	330.2	12.54
	65	178.0	6.47	212.1	7.87	246.3	9.34	264.0	10.10	290.1	11.00	319.3	12.66	326.5	12.91
	70	178.0	6.67	212.1	8.10	246.3	9.97	264.0	10.97	290.1	12.22	313.2	13.57	319.3	13.81
	75	178.0	6.83	212.1	8.63	246.3	10.67	264.0	11.77	290.1	13.10	308.3	14.21	315.6	14.38
	80	178.0	7.77	212.1	9.84	246.3	12.20	264.0	13.47	290.1	15.02	299.8	15.43	305.9	15.64
	85	178.0	8.27	212.1	10.50	246.3	13.04	264.0	14.37	288.9	15.94	295.0	16.07	302.3	16.29
	90	178.0	9.37	212.1	11.94	246.3	14.80	264.0	16.37	279.2	17.19	286.5	17.33	292.6	17.58
	95	178.0	9.94	212.1	12.70	246.3	15.80	**264.0**	**17.47**	275.6	17.80	281.6	17.97	288.9	18.23
	100	178.0	10.73	212.1	13.71	246.3	17.09	259.3	18.34	270.9	18.72	277.9	18.89	284.2	19.16
	105	178.0	12.05	212.1	15.44	245.0	19.22	252.1	19.65	262.7	20.06	269.5	20.23	276.1	20.51
	110	178.0	13.47	212.1	17.34	242.2	20.86	247.6	20.96	252.6	21.35	256.6	21.56	261.3	21.87
	115	178.0	15.48	212.1	19.80	230.5	21.84	237.6	21.84	243.5	22.17	245.8	22.20	246.9	22.35
	118	178.0	15.61	186.1	18.58	200.7	18.36	206.9	18.53	212.0	18.81	214.0	18.84	213.1	18.97
	122	152.2	14.14	149.2	14.12	159.9	13.98	165.3	14.01	169.8	14.24	171.9	14.28	171.6	14.41

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Cooling Capacity ARUN264BTE4, ARUN264DTE4 / ARUB264BTE4, ARUB264DTE4

264,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
90%	-9.9	160.3	3.81	190.9	4.57	222.8	5.39	238.1	5.80	253.4	6.20	284.0	7.14	314.7	7.84
	-5	160.3	4.02	190.9	4.82	222.8	5.69	238.1	6.12	253.4	6.54	284.0	7.53	314.7	8.27
	0	160.3	4.18	190.9	5.01	222.8	5.92	238.1	6.37	253.4	6.80	284.0	7.83	314.7	8.60
	5	160.3	4.33	190.9	5.19	222.8	6.13	238.1	6.60	253.4	7.05	284.0	8.12	314.7	8.91
	10	160.3	4.46	190.9	5.34	222.8	6.31	238.1	6.79	253.4	7.25	284.0	8.35	314.7	9.17
	14	160.3	4.62	190.9	5.54	222.8	6.54	238.1	7.03	253.4	7.52	284.0	8.66	314.7	9.50
	20	160.3	4.79	190.9	5.75	222.8	6.78	238.1	7.30	253.4	7.83	284.0	8.97	314.7	9.87
	25	160.3	4.93	190.9	5.92	222.8	6.99	238.1	7.53	253.4	8.09	284.0	9.22	314.7	10.17
	30	160.3	5.07	190.9	6.10	222.8	7.19	238.1	7.75	253.4	8.35	284.0	9.48	314.7	10.47
	35	160.3	5.22	190.9	6.29	222.8	7.41	238.1	7.98	253.4	8.60	284.0	9.77	314.7	10.80
	40	160.3	5.37	190.9	6.47	222.8	7.63	238.1	8.23	253.4	8.86	284.0	10.06	314.7	11.11
	45	160.3	5.50	190.9	6.62	222.8	7.81	238.1	8.42	253.4	9.07	284.0	10.29	314.7	11.37
	50	160.3	5.62	190.9	6.77	222.8	7.98	238.1	8.61	253.4	9.27	284.0	10.52	314.7	11.62
	55	160.3	5.69	190.9	6.87	222.8	8.12	238.1	8.78	253.4	9.44	284.0	10.73	314.7	11.73
	60	160.3	5.90	190.9	7.15	222.8	8.43	238.1	9.13	253.4	9.82	284.0	11.15	312.0	11.86
	65	160.3	6.00	190.9	7.29	222.8	8.61	238.1	9.30	253.4	10.00	284.0	11.35	310.0	12.46
	70	160.3	6.18	190.9	7.50	222.8	8.92	238.1	9.82	253.4	10.72	284.0	12.66	304.1	13.38
	75	160.3	6.28	190.9	7.84	222.8	9.54	238.1	10.52	253.4	11.52	284.0	13.21	299.4	13.98
	80	160.3	7.05	190.9	8.88	222.8	10.90	238.1	12.01	253.4	13.15	284.0	14.60	291.1	15.20
	85	160.3	7.50	190.9	9.47	222.8	11.66	238.1	12.81	253.4	14.06	280.5	15.38	286.4	15.83
	90	160.3	8.47	190.9	10.72	222.8	13.22	238.1	14.58	253.4	16.00	272.3	16.83	278.1	17.08
	95	160.3	9.02	190.9	11.38	222.8	14.09	**238.1**	**15.55**	253.4	17.08	267.5	17.47	273.4	17.71
	100	160.3	9.32	190.9	11.87	222.8	14.68	238.1	16.16	253.4	17.45	264.0	18.22	268.7	18.42
	105	160.3	10.80	190.9	13.77	222.8	16.60	238.1	17.70	250.5	18.71	255.8	19.53	259.2	19.78
	110	160.3	12.40	190.9	15.88	222.8	18.21	238.1	19.11	240.4	20.29	243.6	20.98	245.6	21.22
	115	160.3	13.43	190.9	17.21	208.6	19.17	225.7	19.99	228.9	20.94	231.1	21.39	232.1	21.67
	118	160.3	14.26	186.1	18.58	181.6	16.12	196.5	16.96	199.3	17.76	201.2	18.15	200.4	18.39
	122	152.3	14.14	149.2	14.12	144.8	12.27	157.0	12.83	159.7	13.45	161.5	13.76	161.3	13.97
80%	-9.9	142.6	3.30	169.7	3.97	198.0	4.62	211.0	5.01	225.1	5.41	252.2	6.17	279.3	6.88
	-5	142.6	3.48	169.7	4.19	198.0	4.87	211.0	5.29	225.1	5.70	252.2	6.51	279.3	7.25
	0	142.6	3.62	169.7	4.36	198.0	5.07	211.0	5.50	225.1	5.93	252.2	6.77	279.3	7.55
	5	142.6	3.75	169.7	4.52	198.0	5.25	211.0	5.70	225.1	6.15	252.2	7.02	279.3	7.82
	10	142.6	3.86	169.7	4.65	198.0	5.40	211.0	5.87	225.1	6.33	252.2	7.22	279.3	8.05
	14	142.6	4.00	169.7	4.82	198.0	5.60	211.0	6.08	225.1	6.56	252.2	7.49	279.3	8.34
	20	142.6	4.15	169.7	4.99	198.0	5.82	211.0	6.31	225.1	6.78	252.2	7.76	279.3	8.66
	25	142.6	4.28	169.7	5.14	198.0	6.01	211.0	6.50	225.1	6.97	252.2	7.98	279.3	8.93
	30	142.6	4.41	169.7	5.28	198.0	6.20	211.0	6.69	225.1	7.16	252.2	8.21	279.3	9.19
	35	142.6	4.52	169.7	5.43	198.0	6.38	211.0	6.87	225.1	7.35	252.2	8.44	279.3	9.45
	40	142.6	4.65	169.7	5.57	198.0	6.54	211.0	7.06	225.1	7.55	252.2	8.66	279.3	9.70
	45	142.6	4.72	169.7	5.64	198.0	6.64	211.0	7.16	225.1	7.65	252.2	8.79	279.3	9.84
	50	142.6	4.78	169.7	5.73	198.0	6.72	211.0	7.25	225.1	7.76	252.2	8.90	279.3	9.97
	55	142.6	4.85	169.7	5.82	198.0	6.84	211.0	7.38	225.1	7.91	252.2	9.07	279.3	10.14
	60	142.6	5.02	169.7	6.02	198.0	7.09	211.0	7.64	225.1	8.23	252.2	9.39	279.3	10.55
	65	142.6	5.10	169.7	6.14	198.0	7.23	211.0	7.79	225.1	8.40	252.2	9.56	279.3	10.80
	70	142.6	5.24	169.7	6.31	198.0	7.45	211.0	8.03	225.1	8.74	252.2	10.31	279.3	11.94
	75	142.6	5.34	169.7	6.43	198.0	7.81	211.0	8.57	225.1	9.32	252.2	10.97	279.3	12.59
	80	142.6	5.85	169.7	7.30	198.0	8.90	211.0	9.73	225.1	10.63	252.2	12.62	279.3	14.06
	85	142.6	6.24	169.7	7.76	198.0	9.49	211.0	10.38	225.1	11.38	252.2	13.44	279.3	14.43
	90	142.6	7.01	169.7	8.81	198.0	10.72	211.0	11.79	225.1	12.93	252.2	14.78	274.8	15.29
	95	142.6	7.45	169.7	9.32	198.0	11.45	**211.0**	**12.52**	225.1	13.76	252.2	15.29	268.9	15.70
	100	142.6	8.03	169.7	10.05	198.0	12.35	211.0	13.41	225.1	14.30	252.2	15.92	262.8	16.21
	105	142.6	9.15	169.7	11.50	198.0	13.75	211.0	14.40	225.1	15.34	249.2	16.54	255.3	17.02
	110	142.6	10.38	169.7	13.10	198.0	14.59	211.0	15.37	225.1	16.52	240.4	17.15	241.6	17.89
	115	142.6	11.11	169.7	14.00	198.0	15.07	211.0	16.16	211.0	16.91	212.3	17.54	212.3	18.61
	118	142.6	11.80	169.7	14.88	181.6	16.12	185.3	15.34	183.7	14.35	184.8	14.88	183.2	15.79
	122	142.6	12.75	149.7	14.03	144.8	12.27	148.0	11.60	147.1	10.86	148.4	11.28	147.5	11.99

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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ARUN264BTE4, ARUN264DTE4 / ARUB264BTE4, ARUB264DTE4 Cooling Capacity

264,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
70%	-9.9	124.9	2.91	148.5	3.46	173.3	4.07	185.0	4.36	196.8	4.65	220.4	5.32	245.1	5.96
	-5	124.9	3.07	148.5	3.65	173.3	4.30	185.0	4.60	196.8	4.90	220.4	5.62	245.1	6.29
	0	124.9	3.20	148.5	3.80	173.3	4.47	185.0	4.79	196.8	5.10	220.4	5.84	245.1	6.54
	5	124.9	3.31	148.5	3.94	173.3	4.64	185.0	4.96	196.8	5.29	220.4	6.05	245.1	6.78
	10	124.9	3.41	148.5	4.05	173.3	4.77	185.0	5.10	196.8	5.44	220.4	6.23	245.1	6.97
	14	124.9	3.53	148.5	4.20	173.3	4.94	185.0	5.29	196.8	5.64	220.4	6.45	245.1	7.22
	20	124.9	3.65	148.5	4.34	173.3	5.10	185.0	5.46	196.8	5.83	220.4	6.66	245.1	7.47
	25	124.9	3.76	148.5	4.45	173.3	5.22	185.0	5.61	196.8	5.99	220.4	6.83	245.1	7.67
	30	124.9	3.86	148.5	4.57	173.3	5.35	185.0	5.75	196.8	6.15	220.4	7.00	245.1	7.87
	35	124.9	3.97	148.5	4.70	173.3	5.50	185.0	5.90	196.8	6.32	220.4	7.18	245.1	8.09
	40	124.9	4.06	148.5	4.81	173.3	5.64	185.0	6.06	196.8	6.48	220.4	7.38	245.1	8.29
	45	124.9	4.12	148.5	4.89	173.3	5.73	185.0	6.17	196.8	6.59	220.4	7.49	245.1	8.42
	50	124.9	4.20	148.5	4.97	173.3	5.82	185.0	6.26	196.8	6.70	220.4	7.62	245.1	8.57
	55	124.9	4.27	148.5	5.07	173.3	5.92	185.0	6.36	196.8	6.82	220.4	7.76	245.1	8.74
	60	124.9	4.39	148.5	5.24	173.3	6.14	185.0	6.60	196.8	7.06	220.4	8.06	245.1	9.07
	65	124.9	4.46	148.5	5.34	173.3	6.24	185.0	6.72	196.8	7.21	220.4	8.20	245.1	9.22
	70	124.9	4.59	148.5	5.48	173.3	6.43	185.0	6.92	196.8	7.42	220.4	8.49	245.1	9.80
	75	124.9	4.66	148.5	5.58	173.3	6.55	185.0	7.16	196.8	7.76	220.4	9.07	245.1	10.38
	80	124.9	5.02	148.5	6.16	173.3	7.45	185.0	8.13	196.8	8.81	220.4	10.04	245.1	11.51
	85	124.9	5.34	148.5	6.55	173.3	7.93	185.0	8.66	196.8	9.49	220.4	10.69	245.1	12.00
	90	124.9	5.99	148.5	7.40	173.3	8.98	185.0	9.80	196.8	10.72	220.4	11.92	245.1	13.02
	95	124.9	6.33	148.5	7.86	173.3	9.56	**185.0**	**10.46**	196.8	11.38	220.4	12.53	245.1	13.42
	100	124.9	6.84	148.5	8.49	173.3	10.31	185.0	11.28	196.8	11.72	220.4	13.12	245.1	13.80
	105	124.9	7.76	148.5	9.68	173.3	11.37	185.0	12.04	196.8	12.74	220.4	13.82	245.1	14.60
	110	124.9	8.74	148.5	10.97	173.3	12.03	185.0	12.76	196.8	13.81	220.4	14.39	238.1	15.70
	115	124.9	9.39	148.5	11.70	173.3	12.45	185.0	13.49	196.8	14.21	220.4	14.83	224.4	16.72
	118	124.9	9.97	148.5	12.43	173.3	13.22	185.0	14.30	179.1	14.21	184.8	12.58	183.2	14.18
	122	124.9	10.76	148.5	13.46	154.6	12.63	147.8	11.76	143.4	10.76	148.4	9.54	147.5	10.78
60%	-9.9	107.3	2.53	127.3	2.93	148.5	3.44	157.9	3.68	168.5	3.96	189.8	4.48	209.8	5.01
	-5	107.3	2.66	127.3	3.09	148.5	3.63	157.9	3.88	168.5	4.18	189.8	4.73	209.8	5.29
	0	107.3	2.77	127.3	3.22	148.5	3.78	157.9	4.04	168.5	4.34	189.8	4.92	209.8	5.50
	5	107.3	2.87	127.3	3.34	148.5	3.91	157.9	4.18	168.5	4.50	189.8	5.10	209.8	5.70
	10	107.3	2.96	127.3	3.43	148.5	4.03	157.9	4.30	168.5	4.63	189.8	5.25	209.8	5.86
	14	107.3	3.06	127.3	3.56	148.5	4.17	157.9	4.46	168.5	4.80	189.8	5.44	209.8	6.08
	20	107.3	3.16	127.3	3.68	148.5	4.31	157.9	4.61	168.5	4.96	189.8	5.62	209.8	6.29
	25	107.3	3.23	127.3	3.79	148.5	4.42	157.9	4.74	168.5	5.08	189.8	5.77	209.8	6.46
	30	107.3	3.31	127.3	3.90	148.5	4.53	157.9	4.87	168.5	5.21	189.8	5.91	209.8	6.64
	35	107.3	3.39	127.3	4.00	148.5	4.65	157.9	5.00	168.5	5.35	189.8	6.06	209.8	6.81
	40	107.3	3.48	127.3	4.10	148.5	4.77	157.9	5.13	168.5	5.49	189.8	6.23	209.8	6.99
	45	107.3	3.51	127.3	4.14	148.5	4.80	157.9	5.17	168.5	5.54	189.8	6.27	209.8	7.04
	50	107.3	3.54	127.3	4.17	148.5	4.85	157.9	5.22	168.5	5.58	189.8	6.33	209.8	7.11
	55	107.3	3.59	127.3	4.25	148.5	4.95	157.9	5.31	168.5	5.68	189.8	6.45	209.8	7.23
	60	107.3	3.71	127.3	4.39	148.5	5.12	157.9	5.51	168.5	5.90	189.8	6.67	209.8	7.52
	65	107.3	3.76	127.3	4.46	148.5	5.22	157.9	5.60	168.5	5.99	189.8	6.82	209.8	7.67
	70	107.3	3.86	127.3	4.59	148.5	5.36	157.9	5.75	168.5	6.16	189.8	7.01	209.8	7.96
	75	107.3	3.93	127.3	4.66	148.5	5.46	157.9	5.87	168.5	6.36	189.8	7.42	209.8	8.48
	80	107.3	4.17	127.3	5.10	148.5	6.11	157.9	6.67	168.5	7.23	189.8	8.32	209.8	9.58
	85	107.3	4.44	127.3	5.41	148.5	6.50	157.9	7.11	168.5	7.74	189.8	8.76	209.8	9.88
	90	107.3	4.97	127.3	6.11	148.5	7.35	157.9	8.03	168.5	8.69	189.8	9.79	209.8	10.78
	95	107.3	5.27	127.3	6.48	148.5	7.81	**157.9**	**8.57**	168.5	9.21	189.8	10.23	209.8	11.35
	100	107.3	5.65	127.3	6.96	148.5	8.42	157.9	9.22	168.5	9.62	189.8	10.85	209.8	11.84
	105	107.3	6.43	127.3	7.93	148.5	9.29	157.9	9.84	168.5	10.46	189.8	11.53	209.8	12.91
	110	107.3	7.23	127.3	9.00	148.5	10.03	157.9	10.43	168.5	11.31	189.8	12.33	209.8	14.08
	115	107.3	7.74	127.3	9.61	148.5	10.42	157.9	11.04	168.5	11.71	189.8	13.03	209.8	15.05
	118	107.3	8.19	127.3	10.19	148.5	11.06	157.9	11.73	168.5	12.46	184.8	12.58	183.2	14.18
	122	107.3	8.83	127.3	11.02	148.5	11.99	147.5	11.90	142.8	11.02	148.4	9.54	147.5	10.78

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Cooling Capacity ARUN264BTE4, ARUN264DTE4 / ARUB264BTE4, ARUB264DTE4

264,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
50%	-9.9	89.1	2.17	106.1	2.55	123.8	2.86	132.0	3.08	140.3	3.32	157.9	3.68	174.4	4.08
	-5	89.1	2.29	106.1	2.70	123.8	3.02	132.0	3.25	140.3	3.50	157.9	3.88	174.4	4.31
	0	89.1	2.38	106.1	2.80	123.8	3.14	132.0	3.38	140.3	3.64	157.9	4.04	174.4	4.48
	5	89.1	2.47	106.1	2.91	123.8	3.25	132.0	3.50	140.3	3.77	157.9	4.19	174.4	4.64
	10	89.1	2.54	106.1	2.99	123.8	3.35	132.0	3.61	140.3	3.88	157.9	4.31	174.4	4.78
	14	89.1	2.63	106.1	3.10	123.8	3.47	132.0	3.74	140.3	4.02	157.9	4.46	174.4	4.95
	20	89.1	2.73	106.1	3.19	123.8	3.61	132.0	3.87	140.3	4.15	157.9	4.63	174.4	5.14
	25	89.1	2.81	106.1	3.28	123.8	3.73	132.0	3.98	140.3	4.26	157.9	4.76	174.4	5.29
	30	89.1	2.89	106.1	3.36	123.8	3.85	132.0	4.10	140.3	4.37	157.9	4.90	174.4	5.45
	35	89.1	2.97	106.1	3.44	123.8	3.95	132.0	4.21	140.3	4.49	157.9	5.03	174.4	5.59
	40	89.1	3.05	106.1	3.53	123.8	4.05	132.0	4.31	140.3	4.60	157.9	5.15	174.4	5.74
	45	89.1	3.09	106.1	3.58	123.8	4.11	132.0	4.37	140.3	4.66	157.9	5.22	174.4	5.82
	50	89.1	3.13	106.1	3.63	123.8	4.17	132.0	4.43	140.3	4.73	157.9	5.30	174.4	5.90
	55	89.1	3.20	106.1	3.70	123.8	4.23	132.0	4.50	140.3	4.80	157.9	5.40	174.4	6.00
	60	89.1	3.27	106.1	3.80	123.8	4.37	132.0	4.67	140.3	4.97	157.9	5.57	174.4	6.23
	65	89.1	3.30	106.1	3.87	123.8	4.43	132.0	4.73	140.3	5.03	157.9	5.67	174.4	6.33
	70	89.1	3.40	106.1	3.93	123.8	4.53	132.0	4.87	140.3	5.17	157.9	5.83	174.4	6.53
	75	89.1	3.43	106.1	4.00	123.8	4.63	132.0	4.93	140.3	5.27	157.9	5.93	174.4	6.67
	80	89.1	3.53	106.1	4.23	123.8	4.97	132.0	5.37	140.3	5.77	157.9	6.63	174.4	7.57
	85	89.1	3.77	106.1	4.47	123.8	5.27	132.0	5.70	140.3	6.13	157.9	7.07	174.4	8.07
	90	89.1	4.20	106.1	5.00	123.8	5.93	132.0	6.40	140.3	6.90	157.9	7.97	174.4	9.14
	95	89.1	4.43	106.1	5.30	123.8	6.27	**132.0**	**6.80**	140.3	7.33	157.9	8.47	174.4	9.70
	100	89.1	4.67	106.1	5.60	123.8	6.63	132.0	7.20	140.3	7.77	157.9	9.00	174.4	10.30
	105	89.1	5.10	106.1	6.18	123.8	7.34	132.0	7.95	140.3	8.60	157.9	9.98	174.4	11.46
	110	89.1	5.63	106.1	6.83	123.8	8.13	132.0	8.84	140.3	9.57	157.9	11.14	174.4	12.80
	115	89.1	6.03	106.1	7.33	123.8	8.74	132.0	9.50	140.3	10.30	157.9	12.00	174.4	13.80
	118	89.1	6.52	106.1	7.96	123.8	9.49	132.0	10.33	140.3	11.21	157.9	12.58	174.4	14.18
	122	89.1	7.19	106.1	8.79	123.8	10.50	132.0	11.47	140.3	11.02	148.4	9.54	147.5	10.78

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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PERFORMANCE DATA

ARUN288BTE4, ARUN288DTE4 / ARUB288BTE4, ARUB288DTE4 Cooling Capacity

288,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
130%	-9.9	261.9	6.17	311.1	7.49	361.6	8.89	374.9	9.60	380.2	10.35	393.4	11.87	402.8	12.26
	-5	261.9	6.52	311.1	7.91	361.6	9.38	374.9	10.13	380.2	10.92	393.4	12.52	402.8	12.94
	0	261.9	6.78	311.1	8.22	361.6	9.76	374.9	10.53	380.2	11.36	393.4	13.03	402.8	13.46
	5	261.9	7.02	311.1	8.52	361.6	10.12	374.9	10.92	380.2	11.78	393.4	13.50	402.8	13.95
	10	261.9	7.23	311.1	8.77	361.6	10.41	374.9	11.23	380.2	12.12	393.4	13.89	402.8	14.35
	14	261.9	7.49	311.1	9.09	361.6	10.79	374.9	11.64	380.2	12.56	393.4	14.39	402.8	14.87
	20	261.9	7.62	311.1	9.23	361.6	10.94	374.9	11.82	380.2	12.73	393.4	14.59	402.8	15.08
	25	261.9	7.72	311.1	9.35	361.6	11.07	374.9	11.96	380.2	12.88	393.4	14.76	402.8	15.26
	30	261.9	7.83	311.1	9.47	361.6	11.20	374.9	12.11	380.2	13.02	393.4	14.92	402.8	15.44
	35	261.9	7.92	311.1	9.60	361.6	11.34	374.9	12.25	380.2	13.18	393.4	15.10	402.8	15.63
	40	261.9	8.02	311.1	9.70	361.6	11.47	374.9	12.40	380.2	13.33	393.4	15.28	402.8	15.81
	45	261.9	8.10	311.1	9.80	361.6	11.60	374.9	12.53	380.2	13.46	393.4	15.45	402.8	15.97
	50	261.9	8.18	311.1	9.90	361.6	11.71	374.9	12.66	380.2	13.61	393.4	15.59	402.8	16.14
	55	261.9	8.32	311.1	10.08	361.6	11.93	369.6	12.93	374.9	13.88	388.0	15.87	397.4	16.25
	60	261.9	8.59	311.1	10.44	356.3	12.43	361.4	13.42	365.6	14.42	378.6	16.36	388.0	16.43
	65	261.9	8.77	311.1	10.67	351.0	12.66	356.3	13.70	360.3	14.69	373.3	16.91	382.7	17.04
	70	261.9	8.44	311.1	10.25	344.3	12.61	348.3	13.88	353.6	15.23	366.6	16.92	376.0	17.09
	75	261.9	8.65	311.1	10.93	339.0	13.50	343.0	14.89	348.3	16.33	361.2	17.72	370.6	17.85
	80	261.9	9.83	311.1	12.45	329.7	15.44	333.7	17.04	339.0	18.73	351.8	19.24	361.2	19.41
	85	261.9	10.46	311.1	13.29	324.4	16.50	329.7	18.18	333.7	19.87	346.4	20.04	355.8	20.21
	90	261.9	11.85	305.8	15.10	315.1	18.73	319.1	20.71	324.4	21.43	337.0	21.60	346.4	21.81
	95	264.7	12.57	303.6	16.07	313.1	20.00	**318.4**	**22.11**	322.5	22.19	335.2	22.40	344.7	22.61
	100	264.7	13.61	298.3	17.38	307.7	21.68	313.1	23.27	317.1	23.39	331.1	23.61	340.6	23.82
	105	264.7	15.34	290.3	19.67	299.6	24.45	304.2	25.02	308.9	25.15	319.6	25.38	324.2	25.62
	110	264.7	17.23	278.2	22.17	289.9	26.67	290.8	26.80	295.1	26.89	301.3	27.15	302.4	27.41
	115	263.3	19.93	268.1	25.49	268.1	28.11	268.1	28.11	268.1	28.11	272.0	28.17	273.2	28.22
	118	229.0	16.89	233.2	21.60	233.5	23.64	233.5	23.86	233.5	23.86	236.8	23.90	235.9	23.94
	122	183.0	12.81	187.0	16.43	186.1	18.00	186.5	18.04	187.0	18.06	190.2	18.12	189.9	18.19
120%	-9.9	238.3	5.82	284.4	7.05	330.5	8.35	354.2	9.00	370.0	9.71	386.8	11.13	394.9	11.51
	-5	238.3	6.14	284.4	7.44	330.5	8.81	354.2	9.50	370.0	10.25	386.8	11.75	394.9	12.14
	0	238.3	6.39	284.4	7.74	330.5	9.17	354.2	9.88	370.0	10.66	386.8	12.22	394.9	12.63
	5	238.3	6.62	284.4	8.02	330.5	9.50	354.2	10.24	370.0	11.05	386.8	12.66	394.9	13.09
	10	238.3	6.81	284.4	8.25	330.5	9.77	354.2	10.54	370.0	11.37	386.8	13.03	394.9	13.47
	14	238.3	7.06	284.4	8.55	330.5	10.13	354.2	10.92	370.0	11.78	386.8	13.50	394.9	13.96
	20	238.3	7.17	284.4	8.68	330.5	10.27	354.2	11.09	370.0	11.94	386.8	13.69	394.9	14.16
	25	238.3	7.26	284.4	8.79	330.5	10.40	354.2	11.23	370.0	12.08	386.8	13.85	394.9	14.33
	30	238.3	7.35	284.4	8.89	330.5	10.52	354.2	11.37	370.0	12.22	386.8	14.01	394.9	14.50
	35	238.3	7.45	284.4	9.00	330.5	10.64	354.2	11.52	370.0	12.37	386.8	14.18	394.9	14.68
	40	238.3	7.54	284.4	9.12	330.5	10.78	354.2	11.66	370.0	12.53	386.8	14.36	394.9	14.86
	45	238.3	7.63	284.4	9.21	330.5	10.90	354.2	11.80	370.0	12.67	386.8	14.52	394.9	15.03
	50	238.3	7.70	284.4	9.32	330.5	11.02	354.2	11.92	370.0	12.81	386.8	14.69	394.9	15.20
	55	238.3	7.83	284.4	9.49	330.5	11.24	354.2	12.17	366.0	13.07	381.4	14.94	390.8	15.31
	60	238.3	8.09	284.4	9.83	330.5	11.71	351.6	12.64	355.5	13.58	372.0	15.41	380.1	15.68
	65	238.3	8.26	284.4	10.05	330.5	11.92	346.3	12.90	351.6	13.83	366.6	15.92	376.0	16.05
	70	238.3	8.10	284.4	9.84	330.5	12.11	339.7	13.32	343.7	14.62	359.9	16.24	368.0	16.40
	75	238.3	8.30	284.4	10.49	330.5	12.96	334.4	14.30	339.7	15.67	354.6	17.01	364.0	17.13
	80	238.3	9.44	284.4	11.95	321.3	14.82	325.2	16.36	329.2	17.98	345.2	18.47	353.2	18.63
	85	238.3	10.04	284.4	12.76	316.0	15.84	320.0	17.46	325.2	19.08	339.8	19.24	349.2	19.40
	90	238.3	11.38	284.4	14.50	306.8	17.98	310.7	19.89	314.7	20.57	330.4	20.74	338.4	20.94
	95	240.8	12.07	287.4	15.43	304.7	19.20	**308.7**	**21.22**	314.0	21.30	328.4	21.51	337.9	21.71
	100	240.8	13.06	287.4	16.69	299.4	20.81	304.7	22.34	308.7	22.46	324.4	22.67	332.5	22.87
	105	240.8	14.72	282.8	18.89	291.4	23.49	296.1	24.01	300.0	24.15	314.9	24.35	320.2	24.58
	110	240.8	16.54	275.6	21.28	284.6	25.60	285.4	25.73	289.7	25.81	298.7	26.07	299.8	26.32
	115	234.2	19.13	265.5	24.47	265.5	26.99	265.5	26.99	265.5	26.99	272.1	27.04	273.3	27.09
	118	209.1	16.89	230.9	20.74	231.2	22.70	231.2	22.90	231.2	22.90	236.9	22.94	235.9	22.98
	122	167.1	12.81	185.2	15.77	184.3	17.28	184.7	17.32	185.2	17.34	190.2	17.39	189.9	17.46

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Cooling Capacity ARUN288BTE4, ARUN288DTE4 / ARUB288BTE4, ARUB288DTE4

288,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
110%	-9.9	220.9	5.36	263.5	6.46	306.0	7.66	327.3	8.30	348.6	8.90	384.1	10.15	392.2	10.53
	-5	220.9	5.65	263.5	6.82	306.0	8.08	327.3	8.76	348.6	9.39	384.1	10.71	392.2	11.11
	0	220.9	5.88	263.5	7.09	306.0	8.41	327.3	9.11	348.6	9.76	384.1	11.14	392.2	11.56
	5	220.9	6.09	263.5	7.35	306.0	8.71	327.3	9.44	348.6	10.12	384.1	11.55	392.2	11.98
	10	220.9	6.27	263.5	7.56	306.0	8.96	327.3	9.72	348.6	10.41	384.1	11.88	392.2	12.32
	14	220.9	6.50	263.5	7.84	306.0	9.29	327.3	10.07	348.6	10.79	384.1	12.31	392.2	12.77
	20	220.9	6.59	263.5	7.96	306.0	9.43	327.3	10.21	348.6	10.95	384.1	12.52	392.2	12.97
	25	220.9	6.67	263.5	8.06	306.0	9.54	327.3	10.33	348.6	11.09	384.1	12.69	392.2	13.13
	30	220.9	6.75	263.5	8.17	306.0	9.66	327.3	10.44	348.6	11.23	384.1	12.87	392.2	13.30
	35	220.9	6.85	263.5	8.28	306.0	9.79	327.3	10.59	348.6	11.40	384.1	13.06	392.2	13.51
	40	220.9	6.94	263.5	8.40	306.0	9.94	327.3	10.74	348.6	11.55	384.1	13.24	392.2	13.68
	45	220.9	7.06	263.5	8.53	306.0	10.10	327.3	10.92	348.6	11.74	384.1	13.46	392.2	13.91
	50	220.9	7.17	263.5	8.68	306.0	10.27	327.3	11.10	348.6	11.93	384.1	13.67	392.2	14.13
	55	220.9	7.29	263.5	8.84	306.0	10.46	327.3	11.34	348.6	12.17	378.7	13.91	386.8	14.26
	60	220.9	7.53	263.5	9.16	306.0	10.90	327.3	11.77	348.6	12.64	369.2	14.35	377.3	14.48
	65	220.9	7.69	263.5	9.35	306.0	11.10	327.3	12.01	348.6	12.88	363.7	14.82	371.9	14.94
	70	220.9	7.77	263.5	9.44	306.0	11.61	327.3	12.78	342.0	14.02	356.9	15.57	365.1	15.73
	75	220.9	7.96	263.5	10.06	306.0	12.43	327.3	13.71	336.6	15.03	351.5	16.31	359.7	16.43
	80	218.6	9.05	260.8	11.46	302.9	14.21	320.0	15.69	324.0	17.24	338.5	17.71	346.6	17.86
	85	218.6	9.63	260.8	12.23	302.9	15.18	314.8	16.74	318.7	18.29	333.1	18.45	341.2	18.60
	90	218.6	10.91	260.8	13.90	301.6	17.24	305.5	19.07	309.5	19.73	323.7	19.88	331.8	20.08
	95	218.6	11.57	260.8	14.80	296.3	18.41	**300.3**	**20.35**	304.2	20.43	318.4	20.62	326.4	20.82
	100	218.6	12.53	260.8	16.00	292.4	19.95	296.3	21.42	300.3	21.53	314.3	21.73	322.4	21.93
	105	218.6	14.12	260.8	18.10	283.3	22.52	287.2	23.04	291.1	23.15	305.1	23.36	312.9	23.58
	110	218.6	15.86	260.8	20.41	274.5	24.55	275.3	24.67	279.4	24.75	288.1	24.99	289.2	25.23
	115	218.6	18.35	260.8	23.47	262.8	25.88	262.8	25.88	264.0	25.88	269.3	25.93	270.5	25.97
	118	211.3	16.72	226.8	19.89	228.8	21.76	228.8	21.96	229.9	21.96	234.5	22.00	233.5	22.04
	122	168.8	12.68	181.9	15.12	182.4	16.57	182.8	16.61	184.1	16.63	188.3	16.68	187.9	16.74
100%	-9.9	194.1	4.71	231.4	5.69	268.7	6.74	288.0	7.34	316.5	7.95	354.9	9.17	374.8	9.55
	-5	194.1	4.97	231.4	6.00	268.7	7.11	288.0	7.75	316.5	8.38	354.9	9.67	374.8	10.07
	0	194.1	5.17	231.4	6.24	268.7	7.40	288.0	8.06	316.5	8.72	354.9	10.06	374.8	10.48
	5	194.1	5.36	231.4	6.47	268.7	7.67	288.0	8.35	316.5	9.04	354.9	10.43	374.8	10.86
	10	194.1	5.52	231.4	6.66	268.7	7.89	288.0	8.59	316.5	9.30	354.9	10.73	374.8	11.17
	14	194.1	5.72	231.4	6.90	268.7	8.17	288.0	8.91	316.5	9.64	354.9	11.12	374.8	11.58
	20	194.1	5.90	231.4	7.12	268.7	8.43	288.0	9.16	316.5	9.94	354.9	11.44	374.8	11.91
	25	194.1	6.04	231.4	7.31	268.7	8.65	288.0	9.37	316.5	10.20	354.9	11.71	374.8	12.18
	30	194.1	6.19	231.4	7.49	268.7	8.86	288.0	9.58	316.5	10.45	354.9	11.98	374.8	12.46
	35	194.1	6.29	231.4	7.62	268.7	9.00	288.0	9.74	316.5	10.62	354.9	12.18	374.8	12.67
	40	194.1	6.39	231.4	7.74	268.7	9.15	288.0	9.89	316.5	10.79	354.9	12.37	374.8	12.86
	45	194.1	6.54	231.4	7.90	268.7	9.33	288.0	10.10	316.5	11.01	354.9	12.63	374.8	13.13
	50	194.1	6.66	231.4	8.06	268.7	9.53	288.0	10.30	316.5	11.24	354.9	12.88	374.8	13.40
	55	194.1	6.77	231.4	8.21	268.7	9.71	288.0	10.52	316.5	11.47	354.9	13.11	370.8	13.59
	60	194.1	6.99	231.4	8.50	268.7	10.12	288.0	10.93	316.5	11.91	353.6	13.52	360.2	13.84
	65	194.1	7.14	231.4	8.68	268.7	10.30	288.0	11.15	316.5	12.14	348.3	13.97	356.2	14.25
	70	194.1	7.36	231.4	8.94	268.7	11.00	288.0	12.11	316.5	13.48	341.7	14.98	348.3	15.24
	75	194.1	7.54	231.4	9.53	268.7	11.77	288.0	12.99	316.5	14.45	336.4	15.69	344.3	15.88
	80	194.1	8.57	231.4	10.85	268.7	13.47	288.0	14.86	316.5	16.58	327.1	17.03	333.7	17.26
	85	194.1	9.12	231.4	11.59	268.7	14.39	288.0	15.86	315.2	17.59	321.8	17.74	329.7	17.98
	90	194.1	10.34	231.4	13.17	268.7	16.34	288.0	18.07	304.6	18.97	312.5	19.12	319.2	19.40
	95	194.1	10.96	231.4	14.02	268.7	17.44	**288.0**	**19.28**	300.6	19.64	307.2	19.83	315.2	20.12
	100	194.1	11.84	231.4	15.13	268.7	18.86	282.9	20.24	295.5	20.66	303.2	20.85	310.0	21.14
	105	194.1	13.30	231.4	17.04	267.3	21.21	275.0	21.69	286.6	22.13	294.0	22.33	301.2	22.63
	110	194.1	14.87	231.4	19.14	264.2	23.02	270.1	23.14	275.6	23.56	280.0	23.79	285.1	24.14
	115	194.1	17.08	231.4	21.85	251.4	24.10	259.2	24.10	265.7	24.46	268.2	24.51	269.3	24.67
	118	194.1	17.23	203.0	20.50	218.9	20.27	225.7	20.45	231.3	20.76	233.5	20.79	232.5	20.93
	122	166.1	15.60	162.8	15.59	174.5	15.43	180.3	15.46	185.3	15.71	187.5	15.76	187.2	15.90

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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PERFORMANCE DATA

ARUN288BTE4, ARUN288DTE4 / ARUB288BTE4, ARUB288DTE4 Cooling Capacity

288,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
90%	-9.9	174.9	4.20	208.3	5.04	243.0	5.95	259.7	6.40	276.4	6.84	309.9	7.88	343.3	8.65
	-5	174.9	4.44	208.3	5.32	243.0	6.28	259.7	6.75	276.4	7.22	309.9	8.31	343.3	9.12
	0	174.9	4.61	208.3	5.53	243.0	6.53	259.7	7.02	276.4	7.51	309.9	8.64	343.3	9.49
	5	174.9	4.78	208.3	5.73	243.0	6.77	259.7	7.28	276.4	7.78	309.9	8.96	343.3	9.84
	10	174.9	4.92	208.3	5.90	243.0	6.96	259.7	7.49	276.4	8.00	309.9	9.22	343.3	10.12
	14	174.9	5.10	208.3	6.11	243.0	7.22	259.7	7.76	276.4	8.29	309.9	9.55	343.3	10.49
	20	174.9	5.28	208.3	6.34	243.0	7.49	259.7	8.06	276.4	8.64	309.9	9.89	343.3	10.89
	25	174.9	5.44	208.3	6.54	243.0	7.71	259.7	8.31	276.4	8.93	309.9	10.18	343.3	11.22
	30	174.9	5.59	208.3	6.73	243.0	7.94	259.7	8.56	276.4	9.21	309.9	10.47	343.3	11.55
	35	174.9	5.76	208.3	6.94	243.0	8.17	259.7	8.81	276.4	9.49	309.9	10.78	343.3	11.92
	40	174.9	5.93	208.3	7.14	243.0	8.42	259.7	9.08	276.4	9.78	309.9	11.10	343.3	12.26
	45	174.9	6.07	208.3	7.31	243.0	8.62	259.7	9.29	276.4	10.01	309.9	11.36	343.3	12.55
	50	174.9	6.20	208.3	7.47	243.0	8.81	259.7	9.50	276.4	10.23	309.9	11.61	343.3	12.82
	55	174.9	6.28	208.3	7.58	243.0	8.96	259.7	9.69	276.4	10.42	309.9	11.84	343.3	12.94
	60	174.9	6.51	208.3	7.89	243.0	9.31	259.7	10.07	276.4	10.84	309.9	12.30	340.4	13.09
	65	174.9	6.63	208.3	8.04	243.0	9.50	259.7	10.26	276.4	11.03	309.9	12.53	338.1	13.75
	70	174.9	6.82	208.3	8.27	243.0	9.84	259.7	10.84	276.4	11.84	309.9	13.98	331.7	14.77
	75	174.9	6.93	208.3	8.66	243.0	10.53	259.7	11.61	276.4	12.72	309.9	14.58	326.6	15.42
	80	174.9	7.78	208.3	9.81	243.0	12.03	259.7	13.25	276.4	14.52	309.9	16.11	317.6	16.77
	85	174.9	8.27	208.3	10.46	243.0	12.87	259.7	14.13	276.4	15.51	306.0	16.97	312.4	17.47
	90	174.9	9.35	208.3	11.84	243.0	14.59	259.7	16.09	276.4	17.66	297.0	18.57	303.4	18.85
	95	174.9	9.96	208.3	12.56	243.0	15.55	**259.7**	**17.16**	276.4	18.84	291.9	19.28	298.3	19.54
	100	174.9	10.28	208.3	13.09	243.0	16.20	259.7	17.84	276.4	19.26	288.0	20.11	293.1	20.33
	105	174.9	11.92	208.3	15.19	243.0	18.32	259.7	19.53	273.3	20.65	279.1	21.56	282.8	21.82
	110	174.9	13.69	208.3	17.52	243.0	20.09	259.7	21.09	262.3	22.39	265.7	23.15	267.9	23.41
	115	174.9	14.82	208.3	18.99	227.6	21.16	246.2	22.06	249.7	23.11	252.1	23.61	253.2	23.91
	118	174.9	15.74	203.0	20.50	198.1	17.79	214.4	18.72	217.4	19.60	219.5	20.03	218.6	20.29
	122	166.1	15.60	162.8	15.59	157.9	13.54	171.3	14.16	174.2	14.84	176.2	15.19	175.9	15.42
80%	-9.9	155.6	3.64	185.1	4.39	216.0	5.09	230.1	5.53	245.6	5.97	275.1	6.81	304.7	7.59
	-5	155.6	3.84	185.1	4.63	216.0	5.37	230.1	5.84	245.6	6.29	275.1	7.19	304.7	8.01
	0	155.6	4.00	185.1	4.81	216.0	5.59	230.1	6.07	245.6	6.55	275.1	7.48	304.7	8.33
	5	155.6	4.14	185.1	4.99	216.0	5.79	230.1	6.29	245.6	6.79	275.1	7.75	304.7	8.63
	10	155.6	4.26	185.1	5.13	216.0	5.96	230.1	6.48	245.6	6.98	275.1	7.97	304.7	8.88
	14	155.6	4.42	185.1	5.32	216.0	6.18	230.1	6.71	245.6	7.24	275.1	8.26	304.7	9.20
	20	155.6	4.58	185.1	5.51	216.0	6.43	230.1	6.96	245.6	7.48	275.1	8.56	304.7	9.56
	25	155.6	4.72	185.1	5.67	216.0	6.63	230.1	7.17	245.6	7.69	275.1	8.81	304.7	9.85
	30	155.6	4.86	185.1	5.83	216.0	6.84	230.1	7.38	245.6	7.90	275.1	9.06	304.7	10.15
	35	155.6	4.99	185.1	6.00	216.0	7.04	230.1	7.58	245.6	8.12	275.1	9.31	304.7	10.43
	40	155.6	5.13	185.1	6.15	216.0	7.22	230.1	7.79	245.6	8.34	275.1	9.56	304.7	10.71
	45	155.6	5.21	185.1	6.23	216.0	7.33	230.1	7.90	245.6	8.44	275.1	9.70	304.7	10.85
	50	155.6	5.28	185.1	6.32	216.0	7.42	230.1	8.01	245.6	8.57	275.1	9.83	304.7	11.01
	55	155.6	5.36	185.1	6.43	216.0	7.55	230.1	8.14	245.6	8.73	275.1	10.01	304.7	11.19
	60	155.6	5.54	185.1	6.64	216.0	7.82	230.1	8.44	245.6	9.08	275.1	10.36	304.7	11.65
	65	155.6	5.62	185.1	6.77	216.0	7.98	230.1	8.60	245.6	9.27	275.1	10.55	304.7	11.92
	70	155.6	5.78	185.1	6.96	216.0	8.22	230.1	8.86	245.6	9.64	275.1	11.38	304.7	13.17
	75	155.6	5.89	185.1	7.10	216.0	8.62	230.1	9.45	245.6	10.28	275.1	12.10	304.7	13.89
	80	155.6	6.45	185.1	8.06	216.0	9.83	230.1	10.74	245.6	11.73	275.1	13.92	304.7	15.52
	85	155.6	6.88	185.1	8.57	216.0	10.47	230.1	11.46	245.6	12.56	275.1	14.83	304.7	15.92
	90	155.6	7.74	185.1	9.72	216.0	11.84	230.1	13.01	245.6	14.27	275.1	16.31	299.7	16.87
	95	155.6	8.22	185.1	10.28	216.0	12.64	**230.1**	**13.82**	245.6	15.18	275.1	16.87	293.3	17.33
	100	155.6	8.86	185.1	11.09	216.0	13.63	230.1	14.80	245.6	15.79	275.1	17.57	286.7	17.89
	105	155.6	10.10	185.1	12.69	216.0	15.17	230.1	15.89	245.6	16.93	271.9	18.26	278.5	18.78
	110	155.6	11.46	185.1	14.46	216.0	16.10	230.1	16.97	245.6	18.24	262.3	18.93	263.6	19.75
	115	155.6	12.26	185.1	15.45	216.0	16.63	230.1	17.83	230.1	18.66	231.6	19.36	231.6	20.53
	118	155.6	13.02	185.1	16.42	198.1	17.79	202.1	16.93	200.4	15.84	201.6	16.43	199.9	17.42
	122	155.6	14.08	163.3	15.49	157.9	13.54	161.5	12.80	160.5	11.99	161.9	12.45	160.9	13.24

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Cooling Capacity ARUN288BTE4, ARUN288DTE4 / ARUB288BTE4, ARUB288DTE4

288,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
70%	-9.9	136.3	3.21	162.0	3.82	189.0	4.50	201.9	4.81	214.7	5.13	240.4	5.87	267.4	6.57
	-5	136.3	3.39	162.0	4.03	189.0	4.74	201.9	5.08	214.7	5.41	240.4	6.20	267.4	6.94
	0	136.3	3.53	162.0	4.19	189.0	4.94	201.9	5.28	214.7	5.63	240.4	6.45	267.4	7.22
	5	136.3	3.66	162.0	4.35	189.0	5.12	201.9	5.47	214.7	5.83	240.4	6.68	267.4	7.48
	10	136.3	3.76	162.0	4.47	189.0	5.26	201.9	5.63	214.7	6.00	240.4	6.87	267.4	7.69
	14	136.3	3.90	162.0	4.63	189.0	5.45	201.9	5.84	214.7	6.22	240.4	7.12	267.4	7.97
	20	136.3	4.03	162.0	4.79	189.0	5.62	201.9	6.03	214.7	6.43	240.4	7.35	267.4	8.24
	25	136.3	4.15	162.0	4.92	189.0	5.76	201.9	6.19	214.7	6.61	240.4	7.54	267.4	8.46
	30	136.3	4.26	162.0	5.04	189.0	5.91	201.9	6.35	214.7	6.79	240.4	7.73	267.4	8.69
	35	136.3	4.38	162.0	5.19	189.0	6.07	201.9	6.52	214.7	6.98	240.4	7.92	267.4	8.93
	40	136.3	4.48	162.0	5.31	189.0	6.22	201.9	6.69	214.7	7.15	240.4	8.14	267.4	9.15
	45	136.3	4.55	162.0	5.40	189.0	6.32	201.9	6.81	214.7	7.27	240.4	8.27	267.4	9.29
	50	136.3	4.63	162.0	5.49	189.0	6.43	201.9	6.91	214.7	7.39	240.4	8.41	267.4	9.45
	55	136.3	4.71	162.0	5.60	189.0	6.53	201.9	7.02	214.7	7.52	240.4	8.57	267.4	9.64
	60	136.3	4.85	162.0	5.78	189.0	6.77	201.9	7.28	214.7	7.79	240.4	8.89	267.4	10.01
	65	136.3	4.93	162.0	5.89	189.0	6.88	201.9	7.42	214.7	7.95	240.4	9.05	267.4	10.18
	70	136.3	5.06	162.0	6.05	189.0	7.10	201.9	7.63	214.7	8.19	240.4	9.37	267.4	10.82
	75	136.3	5.14	162.0	6.16	189.0	7.23	201.9	7.90	214.7	8.57	240.4	10.01	267.4	11.46
	80	136.3	5.54	162.0	6.80	189.0	8.22	201.9	8.97	214.7	9.72	240.4	11.08	267.4	12.70
	85	136.3	5.89	162.0	7.23	189.0	8.76	201.9	9.56	214.7	10.47	240.4	11.80	267.4	13.24
	90	136.3	6.61	162.0	8.17	189.0	9.91	201.9	10.82	214.7	11.84	240.4	13.15	267.4	14.37
	95	136.3	6.99	162.0	8.68	189.0	10.55	**201.9**	**11.54**	214.7	12.56	240.4	13.83	267.4	14.81
	100	136.3	7.55	162.0	9.37	189.0	11.38	201.9	12.45	214.7	12.93	240.4	14.48	267.4	15.22
	105	136.3	8.56	162.0	10.68	189.0	12.55	201.9	13.28	214.7	14.06	240.4	15.25	267.4	16.12
	110	136.3	9.64	162.0	12.10	189.0	13.28	201.9	14.09	214.7	15.24	240.4	15.88	259.7	17.33
	115	136.3	10.36	162.0	12.91	189.0	13.74	201.9	14.89	214.7	15.68	240.4	16.37	244.8	18.45
	118	136.3	11.00	162.0	13.71	189.0	14.59	201.9	15.78	195.4	15.68	201.6	13.89	199.9	15.65
	122	136.3	11.87	162.0	14.85	168.7	13.93	161.3	12.97	156.5	11.87	161.9	10.53	160.9	11.89
60%	-9.9	117.0	2.79	138.9	3.24	162.0	3.80	172.3	4.06	183.9	4.37	207.0	4.95	228.9	5.53
	-5	117.0	2.94	138.9	3.41	162.0	4.01	172.3	4.28	183.9	4.61	207.0	5.22	228.9	5.83
	0	117.0	3.06	138.9	3.55	162.0	4.17	172.3	4.45	183.9	4.79	207.0	5.43	228.9	6.07
	5	117.0	3.17	138.9	3.68	162.0	4.32	172.3	4.62	183.9	4.97	207.0	5.63	228.9	6.29
	10	117.0	3.26	138.9	3.79	162.0	4.44	172.3	4.75	183.9	5.11	207.0	5.79	228.9	6.47
	14	117.0	3.38	138.9	3.92	162.0	4.60	172.3	4.92	183.9	5.30	207.0	6.00	228.9	6.71
	20	117.0	3.48	138.9	4.07	162.0	4.75	172.3	5.09	183.9	5.47	207.0	6.20	228.9	6.94
	25	117.0	3.57	138.9	4.18	162.0	4.88	172.3	5.23	183.9	5.61	207.0	6.36	228.9	7.13
	30	117.0	3.65	138.9	4.30	162.0	5.00	172.3	5.38	183.9	5.75	207.0	6.53	228.9	7.33
	35	117.0	3.74	138.9	4.42	162.0	5.13	172.3	5.51	183.9	5.90	207.0	6.69	228.9	7.52
	40	117.0	3.84	138.9	4.53	162.0	5.26	172.3	5.66	183.9	6.05	207.0	6.87	228.9	7.71
	45	117.0	3.88	138.9	4.57	162.0	5.30	172.3	5.71	183.9	6.11	207.0	6.92	228.9	7.77
	50	117.0	3.91	138.9	4.61	162.0	5.36	172.3	5.76	183.9	6.16	207.0	6.99	228.9	7.85
	55	117.0	3.96	138.9	4.69	162.0	5.46	172.3	5.86	183.9	6.27	207.0	7.12	228.9	7.98
	60	117.0	4.10	138.9	4.85	162.0	5.65	172.3	6.08	183.9	6.51	207.0	7.36	228.9	8.30
	65	117.0	4.15	138.9	4.93	162.0	5.76	172.3	6.19	183.9	6.61	207.0	7.52	228.9	8.46
	70	117.0	4.26	138.9	5.06	162.0	5.92	172.3	6.35	183.9	6.80	207.0	7.74	228.9	8.78
	75	117.0	4.34	138.9	5.14	162.0	6.03	172.3	6.48	183.9	7.02	207.0	8.19	228.9	9.36
	80	117.0	4.61	138.9	5.62	162.0	6.75	172.3	7.36	183.9	7.98	207.0	9.18	228.9	10.57
	85	117.0	4.90	138.9	5.97	162.0	7.18	172.3	7.85	183.9	8.54	207.0	9.66	228.9	10.91
	90	117.0	5.49	138.9	6.75	162.0	8.11	172.3	8.86	183.9	9.59	207.0	10.80	228.9	11.90
	95	117.0	5.81	138.9	7.15	162.0	8.62	**172.3**	**9.45**	183.9	10.16	207.0	11.29	228.9	12.53
	100	117.0	6.24	138.9	7.69	162.0	9.29	172.3	10.18	183.9	10.62	207.0	11.98	228.9	13.07
	105	117.0	7.10	138.9	8.75	162.0	10.26	172.3	10.85	183.9	11.55	207.0	12.72	228.9	14.25
	110	117.0	7.98	138.9	9.93	162.0	11.06	172.3	11.51	183.9	12.48	207.0	13.61	228.9	15.54
	115	117.0	8.54	138.9	10.60	162.0	11.50	172.3	12.18	183.9	12.92	207.0	14.39	228.9	16.61
	118	117.0	9.04	138.9	11.25	162.0	12.21	172.3	12.94	183.9	13.75	201.6	13.89	199.9	15.65
	122	117.0	9.75	138.9	12.16	162.0	13.23	160.9	13.13	155.7	12.16	161.9	10.53	160.9	11.89

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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PERFORMANCE DATA

ARUN288BTE4, ARUN288DTE4 / ARUB288BTE4, ARUB288DTE4 Cooling Capacity

288,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
50%	-9.9	97.2	2.40	115.7	2.82	135.0	3.16	144.0	3.40	153.0	3.66	172.3	4.06	190.3	4.50
	-5	97.2	2.53	115.7	2.97	135.0	3.33	144.0	3.59	153.0	3.86	172.3	4.28	190.3	4.75
	0	97.2	2.63	115.7	3.09	135.0	3.46	144.0	3.73	153.0	4.02	172.3	4.46	190.3	4.94
	5	97.2	2.73	115.7	3.21	135.0	3.59	144.0	3.87	153.0	4.16	172.3	4.62	190.3	5.12
	10	97.2	2.80	115.7	3.30	135.0	3.69	144.0	3.98	153.0	4.28	172.3	4.75	190.3	5.27
	14	97.2	2.91	115.7	3.42	135.0	3.83	144.0	4.12	153.0	4.44	172.3	4.92	190.3	5.46
	20	97.2	3.01	115.7	3.53	135.0	3.98	144.0	4.27	153.0	4.58	172.3	5.10	190.3	5.67
	25	97.2	3.10	115.7	3.62	135.0	4.12	144.0	4.40	153.0	4.70	172.3	5.25	190.3	5.84
	30	97.2	3.19	115.7	3.70	135.0	4.25	144.0	4.52	153.0	4.83	172.3	5.40	190.3	6.01
	35	97.2	3.28	115.7	3.80	135.0	4.36	144.0	4.65	153.0	4.95	172.3	5.55	190.3	6.17
	40	97.2	3.36	115.7	3.90	135.0	4.47	144.0	4.76	153.0	5.08	172.3	5.69	190.3	6.33
	45	97.2	3.41	115.7	3.95	135.0	4.53	144.0	4.82	153.0	5.15	172.3	5.76	190.3	6.42
	50	97.2	3.46	115.7	4.01	135.0	4.60	144.0	4.89	153.0	5.22	172.3	5.85	190.3	6.51
	55	97.2	3.53	115.7	4.08	135.0	4.67	144.0	4.97	153.0	5.30	172.3	5.96	190.3	6.62
	60	97.2	3.61	115.7	4.19	135.0	4.82	144.0	5.15	153.0	5.48	172.3	6.14	190.3	6.88
	65	97.2	3.64	115.7	4.27	135.0	4.89	144.0	5.22	153.0	5.56	172.3	6.25	190.3	6.99
	70	97.2	3.75	115.7	4.34	135.0	5.00	144.0	5.37	153.0	5.70	172.3	6.44	190.3	7.21
	75	97.2	3.79	115.7	4.42	135.0	5.11	144.0	5.45	153.0	5.81	172.3	6.55	190.3	7.36
	80	97.2	3.90	115.7	4.67	135.0	5.48	144.0	5.92	153.0	6.37	172.3	7.32	190.3	8.35
	85	97.2	4.16	115.7	4.93	135.0	5.81	144.0	6.29	153.0	6.77	172.3	7.80	190.3	8.90
	90	97.2	4.64	115.7	5.52	135.0	6.55	144.0	7.06	153.0	7.62	172.3	8.79	190.3	10.08
	95	97.2	4.89	115.7	5.85	135.0	6.92	**144.0**	**7.51**	153.0	8.09	172.3	9.35	190.3	10.71
	100	97.2	5.15	115.7	6.18	135.0	7.32	144.0	7.95	153.0	8.57	172.3	9.93	190.3	11.37
	105	97.2	5.63	115.7	6.83	135.0	8.10	144.0	8.77	153.0	9.49	172.3	11.01	190.3	12.65
	110	97.2	6.22	115.7	7.54	135.0	8.98	144.0	9.75	153.0	10.56	172.3	12.29	190.3	14.13
	115	97.2	6.66	115.7	8.09	135.0	9.64	144.0	10.49	153.0	11.37	172.3	13.25	190.3	15.23
	118	97.2	7.19	115.7	8.78	135.0	10.48	144.0	11.40	153.0	12.38	172.3	13.89	190.3	15.65
	122	97.2	7.94	115.7	9.70	135.0	11.59	144.0	12.66	153.0	12.16	161.9	10.53	160.9	11.89

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Cooling Capacity ARUN313BTE4, ARUN313DTE4 / ARUB313BTE4, ARUB313DTE4

312,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
130%	-9.9	283.70	7.02	337.00	8.51	391.70	10.11	406.10	10.90	411.90	11.76	426.20	13.48	436.40	13.93
	-5	283.70	7.40	337.00	8.98	391.70	10.66	406.10	11.50	411.90	12.41	426.20	14.22	436.40	14.70
	0	283.70	7.70	337.00	9.34	391.70	11.09	406.10	11.97	411.90	12.91	426.20	14.79	436.40	15.29
	5	283.70	7.98	337.00	9.68	391.70	11.49	406.10	12.40	411.90	13.38	426.20	15.33	436.40	15.84
	10	283.70	8.21	337.00	9.96	391.70	11.82	406.10	12.76	411.90	13.76	426.20	15.77	436.40	16.29
	14	283.70	8.50	337.00	10.32	391.70	12.25	406.10	13.22	411.90	14.26	426.20	16.35	436.40	16.90
	20	283.70	8.65	337.00	10.49	391.70	12.43	406.10	13.42	411.90	14.45	426.20	16.58	436.40	17.13
	25	283.70	8.77	337.00	10.63	391.70	12.58	406.10	13.59	411.90	14.63	426.20	16.76	436.40	17.34
	30	283.70	8.89	337.00	10.76	391.70	12.72	406.10	13.76	411.90	14.79	426.20	16.95	436.40	17.54
	35	283.70	8.99	337.00	10.90	391.70	12.88	406.10	13.91	411.90	14.97	426.20	17.15	436.40	17.75
	40	283.70	9.11	337.00	11.02	391.70	13.04	406.10	14.09	411.90	15.15	426.20	17.36	436.40	17.97
	45	283.70	9.20	337.00	11.13	391.70	13.18	406.10	14.24	411.90	15.29	426.20	17.54	436.40	18.15
	50	283.70	9.29	337.00	11.24	391.70	13.29	406.10	14.38	411.90	15.45	426.20	17.72	436.40	18.33
	55	283.70	9.45	337.00	11.45	391.70	13.56	400.40	14.68	406.10	15.76	420.40	18.02	430.50	18.45
	60	283.70	9.75	337.00	11.86	385.90	14.12	391.50	15.25	396.10	16.38	410.20	18.59	420.40	18.66
	65	283.70	9.96	337.00	12.11	380.20	14.38	385.90	15.56	390.30	16.69	404.30	19.20	414.50	19.36
	70	283.70	9.59	337.00	11.65	373.10	14.33	377.40	15.77	383.10	17.29	397.10	19.22	407.30	19.40
	75	283.70	9.82	337.00	12.41	367.30	15.33	371.60	16.92	377.40	18.54	391.30	20.13	401.50	20.27
	80	283.70	11.16	337.00	14.13	357.10	17.54	361.50	19.36	367.30	21.28	381.10	21.85	391.30	22.04
	85	283.70	11.88	337.00	15.09	351.40	18.74	357.10	20.65	361.50	22.58	375.30	22.76	385.50	22.95
	90	283.70	13.47	331.30	17.15	341.30	21.28	345.60	23.53	351.40	24.35	365.10	24.54	375.30	24.78
	95	286.70	14.28	328.90	18.26	339.10	22.72	**344.90**	**25.11**	349.30	25.21	363.10	25.45	373.40	25.69
	100	286.70	15.45	323.10	19.74	333.30	24.62	339.10	26.43	343.50	26.58	358.70	26.82	369.00	27.06
	105	286.70	17.43	314.40	22.34	324.60	27.77	329.60	28.42	334.60	28.56	346.20	28.83	351.20	29.10
	110	286.70	19.56	301.40	25.18	314.00	30.30	315.00	30.44	319.60	30.54	326.30	30.85	327.60	31.14
	115	285.30	22.64	290.50	28.96	290.50	31.94	290.50	31.94	290.50	31.94	294.70	31.99	296.00	32.05
	118	248.10	19.18	252.60	24.54	252.90	26.85	252.90	27.10	252.90	27.10	256.60	27.15	255.50	27.19
	122	198.20	14.56	202.60	18.65	201.50	20.44	202.10	20.49	202.60	20.52	206.00	20.58	205.70	20.67
120%	-9.9	258.20	6.61	308.10	8.02	358.00	9.49	383.70	10.23	400.80	11.04	419.00	12.65	427.70	13.07
	-5	258.20	6.97	308.10	8.45	358.00	10.01	383.70	10.79	400.80	11.64	419.00	13.34	427.70	13.79
	0	258.20	7.25	308.10	8.79	358.00	10.41	383.70	11.22	400.80	12.11	419.00	13.88	427.70	14.34
	5	258.20	7.52	308.10	9.11	358.00	10.79	383.70	11.63	400.80	12.54	419.00	14.38	427.70	14.86
	10	258.20	7.73	308.10	9.38	358.00	11.10	383.70	11.97	400.80	12.91	419.00	14.80	427.70	15.29
	14	258.20	8.02	308.10	9.72	358.00	11.50	383.70	12.40	400.80	13.38	419.00	15.34	427.70	15.85
	20	258.20	8.14	308.10	9.86	358.00	11.67	383.70	12.59	400.80	13.57	419.00	15.56	427.70	16.08
	25	258.20	8.25	308.10	9.98	358.00	11.81	383.70	12.75	400.80	13.72	419.00	15.74	427.70	16.27
	30	258.20	8.35	308.10	10.11	358.00	11.95	383.70	12.92	400.80	13.88	419.00	15.91	427.70	16.47
	35	258.20	8.46	308.10	10.22	358.00	12.09	383.70	13.08	400.80	14.06	419.00	16.11	427.70	16.67
	40	258.20	8.56	308.10	10.36	358.00	12.25	383.70	13.24	400.80	14.24	419.00	16.31	427.70	16.88
	45	258.20	8.66	308.10	10.47	358.00	12.38	383.70	13.40	400.80	14.39	419.00	16.49	427.70	17.08
	50	258.20	8.75	308.10	10.59	358.00	12.52	383.70	13.54	400.80	14.56	419.00	16.68	427.70	17.26
	55	258.20	8.90	308.10	10.79	358.00	12.77	383.70	13.83	396.50	14.84	413.20	16.97	423.40	17.39
	60	258.20	9.18	308.10	11.17	358.00	13.29	380.90	14.36	385.20	15.42	403.00	17.50	411.70	17.81
	65	258.20	9.38	308.10	11.41	358.00	13.54	375.10	14.65	380.90	15.72	397.20	18.08	407.40	18.22
	70	258.20	9.20	308.10	11.18	358.00	13.75	368.10	15.13	372.30	16.61	390.00	18.45	398.70	18.63
	75	258.20	9.43	308.10	11.91	358.00	14.72	362.30	16.24	368.10	17.81	384.10	19.33	394.30	19.46
	80	258.20	10.72	308.10	13.57	348.00	16.84	352.30	18.58	356.60	20.42	373.90	20.97	382.60	21.17
	85	258.20	11.41	308.10	14.49	342.30	17.99	346.60	19.83	352.30	21.67	368.10	21.85	378.30	22.04
	90	258.20	12.93	308.10	16.47	332.40	20.42	336.70	22.59	340.90	23.37	357.90	23.56	366.60	23.78
	95	260.90	13.70	311.40	17.53	330.00	21.81	**334.40**	**24.11**	340.20	24.20	355.80	24.43	366.10	24.65
	100	260.90	14.84	311.40	18.95	324.30	23.64	330.00	25.37	334.40	25.51	351.40	25.74	360.30	25.98
	105	260.90	16.72	306.40	21.46	315.70	26.67	320.80	27.28	325.00	27.42	341.20	27.67	346.90	27.92
	110	260.90	18.79	298.60	24.17	308.30	29.08	309.20	29.22	313.80	29.33	323.50	29.61	324.80	29.89
	115	253.70	21.74	287.70	27.80	287.70	30.66	287.70	30.66	287.70	30.66	294.70	30.71	296.00	30.76
	118	226.50	19.18	250.10	23.56	250.50	25.78	250.50	26.01	250.50	26.01	256.60	26.06	255.50	26.10
	122	181.00	14.56	200.60	17.91	199.60	19.63	200.20	19.67	200.60	19.70	206.10	19.76	205.70	19.83

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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ARUN313BTE4, ARUN313DTE4 / ARUB313BTE4, ARUB313DTE4 Cooling Capacity

312,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
110%	-9.9	239.20	6.09	285.40	7.34	331.50	8.70	354.60	9.43	377.70	10.11	416.00	11.52	424.90	11.96
	-5	239.20	6.42	285.40	7.75	331.50	9.18	354.60	9.95	377.70	10.66	416.00	12.16	424.90	12.61
	0	239.20	6.68	285.40	8.06	331.50	9.55	354.60	10.35	377.70	11.09	416.00	12.65	424.90	13.13
	5	239.20	6.92	285.40	8.35	331.50	9.90	354.60	10.73	377.70	11.50	416.00	13.11	424.90	13.61
	10	239.20	7.12	285.40	8.59	331.50	10.18	354.60	11.04	377.70	11.83	416.00	13.49	424.90	14.00
	14	239.20	7.38	285.40	8.90	331.50	10.55	354.60	11.43	377.70	12.25	416.00	13.98	424.90	14.50
	20	239.20	7.49	285.40	9.04	331.50	10.70	354.60	11.59	377.70	12.44	416.00	14.22	424.90	14.73
	25	239.20	7.58	285.40	9.16	331.50	10.84	354.60	11.73	377.70	12.59	416.00	14.42	424.90	14.92
	30	239.20	7.67	285.40	9.27	331.50	10.97	354.60	11.86	377.70	12.75	416.00	14.61	424.90	15.11
	35	239.20	7.79	285.40	9.41	331.50	11.13	354.60	12.04	377.70	12.95	416.00	14.83	424.90	15.35
	40	239.20	7.89	285.40	9.54	331.50	11.29	354.60	12.20	377.70	13.11	416.00	15.04	424.90	15.54
	45	239.20	8.02	285.40	9.70	331.50	11.47	354.60	12.40	377.70	13.33	416.00	15.29	424.90	15.81
	50	239.20	8.15	285.40	9.86	331.50	11.66	354.60	12.61	377.70	13.56	416.00	15.54	424.90	16.06
	55	239.20	8.29	285.40	10.04	331.50	11.88	354.60	12.88	377.70	13.82	410.20	15.81	419.00	16.20
	60	239.20	8.56	285.40	10.40	331.50	12.38	354.60	13.38	377.70	14.36	399.90	16.29	408.70	16.45
	65	239.20	8.73	285.40	10.63	331.50	12.61	354.60	13.64	377.70	14.63	394.10	16.84	402.80	16.97
	70	239.20	8.82	285.40	10.72	331.50	13.19	354.60	14.51	370.50	15.92	386.70	17.69	395.50	17.86
	75	239.20	9.04	285.40	11.43	331.50	14.11	354.60	15.57	364.70	17.07	380.80	18.53	389.60	18.66
	80	236.80	10.27	282.50	13.01	328.20	16.15	346.70	17.82	351.00	19.58	366.80	20.11	375.50	20.29
	85	236.80	10.94	282.50	13.90	328.20	17.25	341.00	19.01	345.30	20.78	360.90	20.95	369.60	21.13
	90	236.80	12.40	282.50	15.79	326.70	19.58	331.00	21.65	335.20	22.40	350.70	22.58	359.50	22.81
	95	236.80	13.15	282.50	16.81	321.10	20.91	**325.30**	**23.11**	329.60	23.20	344.90	23.42	353.60	23.65
	100	236.80	14.23	282.50	18.18	316.70	22.67	321.10	24.33	325.30	24.46	340.60	24.69	349.30	24.92
	105	236.80	16.04	282.50	20.56	306.80	25.58	311.10	26.17	315.30	26.30	330.50	26.53	338.90	26.79
	110	236.80	18.01	282.50	23.18	297.30	27.89	298.30	28.03	302.70	28.12	312.00	28.39	313.30	28.67
	115	236.80	20.84	282.50	26.65	284.70	29.40	284.70	29.40	286.00	29.40	291.70	29.45	293.00	29.51
	118	228.80	18.99	245.70	22.58	247.90	24.72	247.90	24.94	249.00	24.94	254.00	24.99	252.90	25.03
	122	182.90	14.40	197.00	17.17	197.60	18.81	198.10	18.86	199.50	18.88	203.90	18.94	203.60	19.02
100%	-9.9	210.40	5.36	250.70	6.46	291.20	7.66	312.00	8.34	342.90	9.02	384.50	10.41	406.00	10.84
	-5	210.40	5.65	250.70	6.82	291.20	8.08	312.00	8.80	342.90	9.52	384.50	10.99	406.00	11.45
	0	210.40	5.88	250.70	7.09	291.20	8.40	312.00	9.16	342.90	9.91	384.50	11.43	406.00	11.90
	5	210.40	6.09	250.70	7.34	291.20	8.70	312.00	9.49	342.90	10.27	384.50	11.84	406.00	12.34
	10	210.40	6.27	250.70	7.56	291.20	8.96	312.00	9.76	342.90	10.56	384.50	12.18	406.00	12.70
	14	210.40	6.49	250.70	7.84	291.20	9.29	312.00	10.11	342.90	10.95	384.50	12.63	406.00	13.15
	20	210.40	6.70	250.70	8.09	291.20	9.58	312.00	10.40	342.90	11.29	384.50	13.00	406.00	13.52
	25	210.40	6.86	250.70	8.30	291.20	9.82	312.00	10.65	342.90	11.59	384.50	13.31	406.00	13.84
	30	210.40	7.04	250.70	8.52	291.20	10.07	312.00	10.88	342.90	11.88	384.50	13.61	406.00	14.15
	35	210.40	7.14	250.70	8.65	291.20	10.23	312.00	11.06	342.90	12.07	384.50	13.84	406.00	14.38
	40	210.40	7.27	250.70	8.79	291.20	10.39	312.00	11.24	342.90	12.26	384.50	14.05	406.00	14.61
	45	210.40	7.43	250.70	8.98	291.20	10.60	312.00	11.47	342.90	12.50	384.50	14.34	406.00	14.91
	50	210.40	7.56	250.70	9.15	291.20	10.82	312.00	11.70	342.90	12.77	384.50	14.63	406.00	15.22
	55	210.40	7.70	250.70	9.32	291.20	11.04	312.00	11.95	342.90	13.02	384.50	14.89	401.70	15.44
	60	210.40	7.95	250.70	9.65	291.20	11.49	312.00	12.41	342.90	13.54	383.10	15.36	390.20	15.72
	65	210.40	8.11	250.70	9.86	291.20	11.70	312.00	12.66	342.90	13.79	377.30	15.86	385.90	16.18
	70	210.40	8.36	250.70	10.16	291.20	12.50	312.00	13.75	342.90	15.31	370.10	17.01	377.30	17.31
	75	210.40	8.57	250.70	10.82	291.20	13.38	312.00	14.75	342.90	16.42	364.40	17.81	373.10	18.03
	80	210.40	9.74	250.70	12.33	291.20	15.29	312.00	16.88	342.90	18.83	354.30	19.34	361.60	19.61
	85	210.40	10.36	250.70	13.17	291.20	16.34	312.00	18.01	341.50	19.98	348.60	20.15	357.30	20.42
	90	210.40	11.74	250.70	14.97	291.20	18.56	312.00	20.52	330.00	21.55	338.60	21.72	345.80	22.04
	95	210.40	12.45	250.70	15.92	291.20	19.81	**312.00**	**21.90**	325.70	22.31	332.80	22.53	341.50	22.85
	100	210.40	13.45	250.70	17.18	291.20	21.42	306.40	22.99	320.10	23.47	328.50	23.69	335.90	24.02
	105	210.40	15.11	250.70	19.36	289.50	24.09	297.90	24.64	310.50	25.14	318.50	25.36	326.30	25.71
	110	210.40	16.89	250.70	21.74	286.20	26.15	292.70	26.28	298.60	26.76	303.30	27.03	308.80	27.42
	115	210.40	19.40	250.70	24.83	272.40	27.38	280.80	27.38	287.80	27.78	290.50	27.83	291.80	28.03
	118	210.40	19.58	219.90	23.29	237.20	23.02	244.40	23.22	250.60	23.58	252.90	23.62	251.90	23.78
	122	179.90	17.72	176.40	17.70	189.00	17.52	195.40	17.56	200.70	17.85	203.10	17.90	202.80	18.06

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Cooling Capacity ARUN313BTE4, ARUN313DTE4 / ARUB313BTE4, ARUB313DTE4

312,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
90%	-9.9	189.40	4.77	225.60	5.72	263.30	6.76	281.40	7.27	299.50	7.77	335.70	8.95	371.90	9.82
	-5	189.40	5.04	225.60	6.04	263.30	7.13	281.40	7.67	299.50	8.20	335.70	9.44	371.90	10.36
	0	189.40	5.24	225.60	6.28	263.30	7.42	281.40	7.98	299.50	8.52	335.70	9.82	371.90	10.78
	5	189.40	5.43	225.60	6.51	263.30	7.68	281.40	8.27	299.50	8.84	335.70	10.18	371.90	11.17
	10	189.40	5.59	225.60	6.70	263.30	7.91	281.40	8.51	299.50	9.09	335.70	10.47	371.90	11.49
	14	189.40	5.79	225.60	6.95	263.30	8.20	281.40	8.82	299.50	9.42	335.70	10.85	371.90	11.91
	20	189.40	6.00	225.60	7.20	263.30	8.50	281.40	9.16	299.50	9.81	335.70	11.24	371.90	12.36
	25	189.40	6.18	225.60	7.43	263.30	8.76	281.40	9.43	299.50	10.14	335.70	11.56	371.90	12.75
	30	189.40	6.36	225.60	7.64	263.30	9.02	281.40	9.72	299.50	10.47	335.70	11.88	371.90	13.13
	35	189.40	6.55	225.60	7.88	263.30	9.29	281.40	10.01	299.50	10.77	335.70	12.24	371.90	13.54
	40	189.40	6.74	225.60	8.11	263.30	9.57	281.40	10.31	299.50	11.11	335.70	12.61	371.90	13.93
	45	189.40	6.90	225.60	8.30	263.30	9.79	281.40	10.56	299.50	11.36	335.70	12.90	371.90	14.26
	50	189.40	7.05	225.60	8.48	263.30	10.00	281.40	10.79	299.50	11.61	335.70	13.20	371.90	14.56
	55	189.40	7.13	225.60	8.61	263.30	10.18	281.40	11.01	299.50	11.83	335.70	13.45	371.90	14.70
	60	189.40	7.40	225.60	8.97	263.30	10.57	281.40	11.45	299.50	12.31	335.70	13.97	368.80	14.87
	65	189.40	7.52	225.60	9.13	263.30	10.79	281.40	11.66	299.50	12.53	335.70	14.23	366.40	15.61
	70	189.40	7.75	225.60	9.40	263.30	11.18	281.40	12.31	299.50	13.45	335.70	15.88	359.40	16.77
	75	189.40	7.88	225.60	9.83	263.30	11.97	281.40	13.18	299.50	14.45	335.70	16.56	353.80	17.52
	80	189.40	8.83	225.60	11.14	263.30	13.66	281.40	15.06	299.50	16.49	335.70	18.31	344.10	19.06
	85	189.40	9.40	225.60	11.88	263.30	14.61	281.40	16.06	299.50	17.62	331.50	19.28	338.50	19.84
	90	189.40	10.61	225.60	13.45	263.30	16.58	281.40	18.27	299.50	20.06	321.80	21.10	328.70	21.42
	95	189.40	11.31	225.60	14.27	263.30	17.67	**281.40**	**19.49**	299.50	21.40	316.20	21.90	323.10	22.20
	100	189.40	11.68	225.60	14.88	263.30	18.40	281.40	20.26	299.50	21.88	312.00	22.85	317.60	23.10
	105	189.40	13.54	225.60	17.26	263.30	20.81	281.40	22.19	296.10	23.45	302.30	24.49	306.40	24.79
	110	189.40	15.54	225.60	19.90	263.30	22.83	281.40	23.96	284.10	25.43	287.90	26.30	290.20	26.60
	115	189.40	16.83	225.60	21.58	246.60	24.03	266.70	25.06	270.60	26.24	273.00	26.82	274.30	27.17
	118	189.40	17.88	219.90	23.29	214.70	20.21	232.30	21.26	235.50	22.27	237.70	22.76	236.80	23.05
	122	180.00	17.72	176.40	17.70	171.10	15.38	185.60	16.08	188.70	16.86	190.90	17.25	190.60	17.51
80%	-9.9	168.50	4.14	200.60	4.98	234.00	5.79	249.40	6.29	266.10	6.77	298.10	7.74	330.20	8.62
	-5	168.50	4.36	200.60	5.25	234.00	6.11	249.40	6.63	266.10	7.15	298.10	8.16	330.20	9.09
	0	168.50	4.54	200.60	5.47	234.00	6.36	249.40	6.90	266.10	7.43	298.10	8.49	330.20	9.46
	5	168.50	4.70	200.60	5.67	234.00	6.58	249.40	7.15	266.10	7.71	298.10	8.80	330.20	9.81
	10	168.50	4.84	200.60	5.83	234.00	6.77	249.40	7.36	266.10	7.93	298.10	9.06	330.20	10.09
	14	168.50	5.02	200.60	6.04	234.00	7.02	249.40	7.63	266.10	8.22	298.10	9.38	330.20	10.45
	20	168.50	5.20	200.60	6.26	234.00	7.30	249.40	7.91	266.10	8.50	298.10	9.72	330.20	10.86
	25	168.50	5.36	200.60	6.43	234.00	7.54	249.40	8.15	266.10	8.74	298.10	10.01	330.20	11.19
	30	168.50	5.52	200.60	6.62	234.00	7.77	249.40	8.38	266.10	8.97	298.10	10.29	330.20	11.52
	35	168.50	5.68	200.60	6.81	234.00	7.99	249.40	8.61	266.10	9.22	298.10	10.58	330.20	11.85
	40	168.50	5.83	200.60	6.98	234.00	8.20	249.40	8.85	266.10	9.47	298.10	10.86	330.20	12.16
	45	168.50	5.91	200.60	7.07	234.00	8.32	249.40	8.98	266.10	9.59	298.10	11.02	330.20	12.33
	50	168.50	5.99	200.60	7.18	234.00	8.43	249.40	9.09	266.10	9.73	298.10	11.16	330.20	12.50
	55	168.60	6.09	200.60	7.30	234.00	8.58	249.40	9.25	266.10	9.91	298.10	11.38	330.20	12.72
	60	168.60	6.29	200.60	7.54	234.00	8.88	249.40	9.58	266.10	10.31	298.10	11.77	330.20	13.23
	65	168.60	6.39	200.60	7.70	234.00	9.06	249.40	9.77	266.10	10.52	298.10	11.99	330.20	13.54
	70	168.60	6.57	200.60	7.91	234.00	9.34	249.40	10.07	266.10	10.95	298.10	12.93	330.20	14.97
	75	168.60	6.70	200.60	8.06	234.00	9.79	249.40	10.74	266.10	11.68	298.10	13.75	330.20	15.78
	80	168.60	7.33	200.60	9.16	234.00	11.16	249.40	12.20	266.10	13.32	298.10	15.81	330.20	17.63
	85	168.60	7.82	200.60	9.73	234.00	11.90	249.40	13.02	266.10	14.27	298.10	16.85	330.20	18.08
	90	168.60	8.79	200.60	11.04	234.00	13.45	249.40	14.79	266.10	16.22	298.10	18.52	324.80	19.17
	95	168.60	9.34	200.60	11.68	234.00	14.36	**249.40**	**15.70**	266.10	17.24	298.10	19.17	317.70	19.69
	100	168.50	10.07	200.60	12.59	234.00	15.48	249.40	16.81	266.10	17.93	298.10	19.95	310.70	20.33
	105	168.50	11.47	200.60	14.41	234.00	17.24	249.40	18.04	266.10	19.22	294.50	20.74	301.70	21.33
	110	168.60	13.02	200.60	16.43	234.00	18.29	249.40	19.27	266.10	20.72	284.10	21.51	285.60	22.43
	115	168.60	13.93	200.60	17.56	234.00	18.90	249.40	20.26	249.40	21.20	250.90	21.99	250.90	23.33
	118	168.60	14.79	200.60	18.65	214.70	20.21	219.00	19.22	217.10	17.99	218.40	18.66	216.50	19.79
	122	168.60	15.99	177.00	17.59	171.10	15.38	175.00	14.54	173.90	13.62	175.30	14.15	174.30	15.04

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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ARUN313BTE4, ARUN313DTE4 / ARUB313BTE4, ARUB313DTE4 Cooling Capacity

312,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
70%	-9.9	147.60	3.65	175.50	4.34	204.80	5.11	218.70	5.47	232.70	5.82	260.50	6.68	289.70	7.47
	-5	147.60	3.86	175.50	4.58	204.80	5.39	218.70	5.77	232.70	6.15	260.50	7.04	289.70	7.88
	0	147.60	4.00	175.50	4.77	204.80	5.61	218.70	6.00	232.70	6.39	260.50	7.32	289.70	8.20
	5	147.60	4.16	175.50	4.93	204.80	5.81	218.70	6.22	232.70	6.63	260.50	7.59	289.70	8.50
	10	147.60	4.27	175.50	5.08	204.80	5.98	218.70	6.40	232.70	6.82	260.50	7.81	289.70	8.74
	14	147.60	4.43	175.50	5.27	204.80	6.20	218.70	6.63	232.70	7.06	260.50	8.09	289.70	9.06
	20	147.60	4.58	175.50	5.43	204.80	6.39	218.70	6.84	232.70	7.31	260.50	8.34	289.70	9.36
	25	147.60	4.71	175.50	5.59	204.80	6.55	218.70	7.03	232.70	7.52	260.50	8.56	289.70	9.61
	30	147.60	4.84	175.50	5.73	204.80	6.71	218.70	7.21	232.70	7.72	260.50	8.77	289.70	9.86
	35	147.60	4.97	175.50	5.89	204.80	6.90	218.70	7.40	232.70	7.93	260.50	9.00	289.70	10.14
	40	147.60	5.09	175.50	6.04	204.80	7.07	218.70	7.59	232.70	8.13	260.50	9.25	289.70	10.40
	45	147.60	5.17	175.50	6.13	204.80	7.18	218.70	7.73	232.70	8.25	260.50	9.40	289.70	10.56
	50	147.60	5.27	175.50	6.23	204.80	7.30	218.70	7.84	232.70	8.40	260.50	9.55	289.70	10.74
	55	147.60	5.36	175.50	6.36	204.80	7.42	218.70	7.97	232.70	8.54	260.50	9.73	289.70	10.95
	60	147.60	5.50	175.50	6.57	204.80	7.70	218.70	8.27	232.70	8.86	260.50	10.10	289.70	11.38
	65	147.60	5.59	175.50	6.70	204.80	7.82	218.70	8.43	232.70	9.04	260.50	10.29	289.70	11.56
	70	147.60	5.75	175.50	6.88	204.80	8.06	218.70	8.67	232.70	9.31	260.50	10.65	289.70	12.29
	75	147.60	5.84	175.50	7.00	204.80	8.22	218.70	8.97	232.70	9.73	260.50	11.38	289.70	13.01
	80	147.60	6.29	175.50	7.73	204.80	9.34	218.70	10.19	232.70	11.04	260.50	12.58	289.70	14.43
	85	147.60	6.70	175.50	8.22	204.80	9.95	218.70	10.86	232.70	11.90	260.50	13.40	289.70	15.04
	90	147.60	7.52	175.50	9.27	204.80	11.25	218.70	12.29	232.70	13.45	260.50	14.94	289.70	16.33
	95	147.60	7.93	175.50	9.86	204.80	11.99	**218.70**	**13.11**	232.70	14.27	260.50	15.72	289.70	16.82
	100	147.60	8.58	175.50	10.65	204.80	12.93	218.70	14.15	232.70	14.69	260.50	16.45	289.70	17.29
	105	147.60	9.72	175.50	12.13	204.80	14.26	218.70	15.09	232.70	15.97	260.50	17.33	289.70	18.31
	110	147.60	10.95	175.50	13.75	204.80	15.09	218.70	16.00	232.70	17.31	260.50	18.04	281.40	19.69
	115	147.60	11.77	175.50	14.66	204.80	15.61	218.70	16.91	232.70	17.81	260.50	18.59	265.20	20.95
	118	147.60	12.50	175.50	15.58	204.80	16.58	218.70	17.92	211.70	17.81	218.40	15.77	216.50	17.78
	122	147.60	13.49	175.50	16.87	182.70	15.83	174.70	14.74	169.50	13.49	175.30	11.95	174.30	13.51
60%	-9.9	126.80	3.16	150.40	3.68	175.50	4.31	186.60	4.61	199.20	4.96	224.30	5.62	247.90	6.28
	-5	126.80	3.34	150.40	3.88	175.50	4.55	186.60	4.86	199.20	5.23	224.30	5.93	247.90	6.63
	0	126.80	3.48	150.40	4.04	175.50	4.73	186.60	5.06	199.20	5.45	224.30	6.16	247.90	6.89
	5	126.80	3.61	150.40	4.18	175.50	4.91	186.60	5.24	199.20	5.64	224.30	6.39	247.90	7.15
	10	126.80	3.70	150.40	4.30	175.50	5.05	186.60	5.39	199.20	5.81	224.30	6.57	247.90	7.35
	14	126.80	3.84	150.40	4.46	175.50	5.23	186.60	5.59	199.20	6.02	224.30	6.81	247.90	7.61
	20	126.80	3.95	150.40	4.62	175.50	5.40	186.60	5.79	199.20	6.21	224.30	7.04	247.90	7.88
	25	126.80	4.05	150.40	4.75	175.50	5.54	186.60	5.95	199.20	6.38	224.30	7.23	247.90	8.11
	30	126.80	4.15	150.40	4.89	175.50	5.68	186.60	6.11	199.20	6.54	224.30	7.41	247.90	8.32
	35	126.80	4.25	150.40	5.02	175.50	5.82	186.60	6.27	199.20	6.70	224.30	7.60	247.90	8.54
	40	126.80	4.36	150.40	5.14	175.50	5.98	186.60	6.43	199.20	6.88	224.30	7.81	247.90	8.76
	45	126.80	4.40	150.40	5.19	175.50	6.02	186.60	6.48	199.20	6.95	224.30	7.86	247.90	8.82
	50	126.80	4.44	150.40	5.23	175.50	6.09	186.60	6.54	199.20	7.00	224.30	7.93	247.90	8.91
	55	126.80	4.50	150.40	5.32	175.50	6.20	186.60	6.66	199.20	7.11	224.30	8.09	247.90	9.06
	60	126.80	4.66	150.40	5.50	175.50	6.42	186.60	6.91	199.20	7.39	224.30	8.36	247.90	9.43
	65	126.80	4.72	150.40	5.59	175.50	6.54	186.60	7.02	199.20	7.52	224.30	8.54	247.90	9.61
	70	126.80	4.84	150.40	5.75	175.50	6.72	186.60	7.21	199.20	7.73	224.30	8.79	247.90	9.98
	75	126.80	4.93	150.40	5.84	175.50	6.84	186.60	7.36	199.20	7.97	224.30	9.31	247.90	10.63
	80	126.80	5.23	150.40	6.39	175.50	7.66	186.60	8.36	199.20	9.06	224.30	10.43	247.90	12.01
	85	126.80	5.57	150.40	6.79	175.50	8.15	186.60	8.91	199.20	9.70	224.30	10.98	247.90	12.39
	90	126.80	6.23	150.40	7.66	175.50	9.22	186.60	10.07	199.20	10.90	224.30	12.27	247.90	13.52
	95	126.80	6.61	150.40	8.12	175.50	9.79	**186.60**	**10.74**	199.20	11.54	224.30	12.83	247.90	14.24
	100	126.80	7.09	150.40	8.73	175.50	10.56	186.60	11.56	199.20	12.06	224.30	13.61	247.90	14.84
	105	126.80	8.06	150.40	9.95	175.50	11.65	186.60	12.33	199.20	13.11	224.30	14.45	247.90	16.18
	110	126.80	9.06	150.40	11.29	175.50	12.57	186.60	13.08	199.20	14.17	224.30	15.45	247.90	17.65
	115	126.80	9.70	150.40	12.04	175.50	13.06	186.60	13.84	199.20	14.68	224.30	16.34	247.90	18.86
	118	126.80	10.27	150.40	12.77	175.50	13.86	186.60	14.70	199.20	15.62	218.40	15.77	216.50	17.78
	122	126.80	11.07	150.40	13.81	175.50	15.02	174.40	14.91	168.80	13.81	175.30	11.95	174.30	13.51

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Cooling Capacity ARUN313BTE4, ARUN313DTE4 / ARUB313BTE4, ARUB313DTE4

312,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
50%	-9.9	105.30	2.72	125.40	3.20	146.30	3.59	156.00	3.86	165.80	4.16	186.60	4.61	206.10	5.11
	-5	105.30	2.87	125.40	3.38	146.30	3.78	156.00	4.07	165.80	4.38	186.60	4.86	206.10	5.40
	0	105.30	2.98	125.40	3.52	146.30	3.93	156.00	4.24	165.80	4.56	186.60	5.06	206.10	5.61
	5	105.30	3.09	125.40	3.64	146.30	4.07	156.00	4.39	165.80	4.73	186.60	5.25	206.10	5.82
	10	105.30	3.18	125.40	3.75	146.30	4.20	156.00	4.52	165.80	4.86	186.60	5.40	206.10	5.98
	14	105.30	3.30	125.40	3.88	146.30	4.34	156.00	4.68	165.80	5.04	186.60	5.59	206.10	6.20
	20	105.30	3.43	125.40	4.00	146.30	4.52	156.00	4.86	165.80	5.20	186.60	5.80	206.10	6.43
	25	105.30	3.52	125.40	4.11	146.30	4.68	156.00	5.00	165.80	5.34	186.60	5.97	206.10	6.63
	30	105.30	3.63	125.40	4.21	146.30	4.82	156.00	5.13	165.80	5.48	186.60	6.14	206.10	6.83
	35	105.30	3.72	125.40	4.32	146.30	4.95	156.00	5.27	165.80	5.63	186.60	6.31	206.10	7.00
	40	105.30	3.82	125.40	4.43	146.30	5.08	156.00	5.40	165.80	5.77	186.60	6.46	206.10	7.20
	45	105.30	3.88	125.40	4.49	146.30	5.15	156.00	5.48	165.80	5.84	186.60	6.55	206.10	7.29
	50	105.30	3.93	125.40	4.56	146.30	5.22	156.00	5.56	165.80	5.93	186.60	6.65	206.10	7.40
	55	105.30	4.02	125.40	4.64	146.30	5.31	156.00	5.64	165.80	6.02	186.60	6.77	206.10	7.52
	60	105.30	4.09	125.40	4.77	146.30	5.48	156.00	5.86	165.80	6.23	186.60	6.98	206.10	7.82
	65	105.30	4.14	125.40	4.84	146.30	5.56	156.00	5.93	165.80	6.31	186.60	7.11	206.10	7.95
	70	105.30	4.27	125.40	4.93	146.30	5.68	156.00	6.11	165.80	6.48	186.60	7.31	206.10	8.20
	75	105.30	4.30	125.40	5.02	146.30	5.81	156.00	6.18	165.80	6.61	186.60	7.43	206.10	8.36
	80	105.30	4.43	125.40	5.31	146.30	6.23	156.00	6.73	165.80	7.23	186.60	8.32	206.10	9.49
	85	105.30	4.72	125.40	5.61	146.30	6.61	156.00	7.15	165.80	7.70	186.60	8.86	206.10	10.11
	90	105.30	5.27	125.40	6.27	146.30	7.43	156.00	8.02	165.80	8.65	186.60	9.99	206.10	11.45
	95	105.30	5.56	125.40	6.65	146.30	7.86	**156.00**	**8.52**	165.80	9.20	186.60	10.61	206.10	12.16
	100	105.30	5.86	125.40	7.02	146.30	8.32	156.00	9.02	165.80	9.74	186.60	11.29	206.10	12.91
	105	105.30	6.39	125.40	7.75	146.30	9.20	156.00	9.97	165.80	10.77	186.60	12.50	206.10	14.36
	110	105.30	7.06	125.40	8.57	146.30	10.20	156.00	11.08	165.80	11.99	186.60	13.95	206.10	16.04
	115	105.30	7.56	125.40	9.20	146.30	10.95	156.00	11.91	165.80	12.91	186.60	15.04	206.10	17.31
	118	105.30	8.17	125.40	9.97	146.30	11.90	156.00	12.95	165.80	14.06	186.60	15.77	206.10	17.78
	122	105.30	9.02	125.40	11.02	146.30	13.16	156.00	14.38	165.80	13.81	175.30	11.95	174.30	13.51

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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ARUN337BTE4, ARUN337DTE4 / ARUB337BTE4, ARUB337DTE4 Cooling Capacity

336,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
130%	-9.9	305.6	7.9	363.0	9.52	421.8	11.32	437.4	12.20	443.6	13.16	459.0	15.10	470.0	15.60
	-5	305.6	8.3	363.0	10.06	421.8	11.94	437.4	12.88	443.6	13.90	459.0	15.92	470.0	16.46
	0	305.6	8.6	363.0	10.46	421.8	12.42	437.4	13.40	443.6	14.46	459.0	16.56	470.0	17.12
	5	305.6	8.9	363.0	10.84	421.8	12.86	437.4	13.88	443.6	14.98	459.0	17.16	470.0	17.74
	10	305.6	9.2	363.0	11.16	421.8	13.24	437.4	14.28	443.6	15.40	459.0	17.66	470.0	18.24
	14	305.6	9.5	363.0	11.56	421.8	13.72	437.4	14.80	443.6	15.96	459.0	18.30	470.0	18.92
	20	305.6	9.68	363.0	11.74	421.8	13.92	437.4	15.02	443.6	16.18	459.0	18.56	470.0	19.18
	25	305.6	9.82	363.0	11.90	421.8	14.08	437.4	15.22	443.6	16.38	459.0	18.76	470.0	19.42
	30	305.6	9.96	363.0	12.04	421.8	14.24	437.4	15.40	443.6	16.56	459.0	18.98	470.0	19.64
	35	305.6	10.06	363.0	12.20	421.8	14.42	437.4	15.58	443.6	16.76	459.0	19.20	470.0	19.88
	40	305.6	10.20	363.0	12.34	421.8	14.60	437.4	15.78	443.6	16.96	459.0	19.44	470.0	20.12
	45	305.6	10.30	363.0	12.46	421.8	14.76	437.4	15.94	443.6	17.12	459.0	19.64	470.0	20.32
	50	305.6	10.40	363.0	12.58	421.8	14.88	437.4	16.10	443.6	17.30	459.0	19.84	470.0	20.52
	55	305.6	10.58	363.0	12.82	421.8	15.18	431.2	16.44	437.4	17.64	452.8	20.18	463.6	20.66
	60	305.6	10.92	363.0	13.28	415.6	15.80	421.6	17.08	426.6	18.34	441.8	20.82	452.8	20.90
	65	305.6	11.16	363.0	13.56	409.4	16.10	415.6	17.42	420.4	18.68	435.4	21.50	446.4	21.68
	70	305.6	10.74	363.0	13.04	401.8	16.04	406.4	17.66	412.6	19.36	427.6	21.52	438.6	21.72
	75	305.6	11.00	363.0	13.90	395.6	17.16	400.2	18.94	406.4	20.76	421.4	22.54	432.4	22.70
	80	305.6	12.50	363.0	15.82	384.6	19.64	389.4	21.68	395.6	23.82	410.4	24.46	421.4	24.68
	85	305.6	13.30	363.0	16.90	378.4	20.98	384.6	23.12	389.4	25.28	404.2	25.48	415.2	25.70
	90	305.6	15.08	356.8	19.20	367.6	23.82	372.2	26.34	378.4	27.26	393.2	27.48	404.2	27.74
	95	308.8	15.98	354.2	20.44	365.2	25.44	**371.4**	**28.12**	376.2	28.22	391.0	28.50	402.2	28.76
	100	308.8	17.30	348.0	22.10	359.0	27.56	365.2	29.60	370.0	29.76	386.2	30.02	397.4	30.30
	105	308.8	19.52	338.6	25.02	349.6	31.10	355.0	31.82	360.4	31.98	372.8	32.28	378.2	32.58
	110	308.8	21.90	324.6	28.20	338.2	33.92	339.2	34.08	344.2	34.20	351.4	34.54	352.8	34.86
	115	307.2	25.34	312.8	32.42	312.8	35.76	312.8	35.76	312.8	35.76	317.4	35.82	318.8	35.88
	118	267.2	21.48	272.0	27.48	272.4	30.06	272.4	30.34	272.4	30.34	276.4	30.40	275.2	30.44
	122	213.4	16.30	218.2	20.88	217.0	22.88	217.6	22.94	218.2	22.98	221.8	23.04	221.6	23.14
120%	-9.9	278.0	7.40	331.8	8.98	385.6	10.62	413.2	11.46	431.6	12.36	451.2	14.16	460.6	14.64
	-5	278.0	7.8	331.8	9.46	385.6	11.20	413.2	12.08	431.6	13.04	451.2	14.94	460.6	15.44
	0	278.0	8.1	331.8	9.84	385.6	11.66	413.2	12.56	431.6	13.56	451.2	15.54	460.6	16.06
	5	278.0	8.4	331.8	10.20	385.6	12.08	413.2	13.02	431.6	14.04	451.2	16.10	460.6	16.64
	10	278.0	8.7	331.8	10.50	385.6	12.42	413.2	13.40	431.6	14.46	451.2	16.58	460.6	17.12
	14	278.0	9.0	331.8	10.88	385.6	12.88	413.2	13.88	431.6	14.98	451.2	17.18	460.6	17.74
	20	278.0	9.12	331.8	11.04	385.6	13.06	413.2	14.10	431.6	15.20	451.2	17.42	460.6	18.00
	25	278.0	9.24	331.8	11.18	385.6	13.22	413.2	14.28	431.6	15.36	451.2	17.62	460.6	18.22
	30	278.0	9.34	331.8	11.32	385.6	13.38	413.2	14.46	431.6	15.54	451.2	17.82	460.6	18.44
	35	278.0	9.48	331.8	11.44	385.6	13.54	413.2	14.64	431.6	15.74	451.2	18.04	460.6	18.66
	40	278.0	9.58	331.8	11.60	385.6	13.72	413.2	14.82	431.6	15.94	451.2	18.26	460.6	18.90
	45	278.0	9.70	331.8	11.72	385.6	13.86	413.2	15.00	431.6	16.12	451.2	18.46	460.6	19.12
	50	278.0	9.80	331.8	11.86	385.6	14.02	413.2	15.16	431.6	16.30	451.2	18.68	460.6	19.32
	55	278.0	9.96	331.8	12.08	385.6	14.30	413.2	15.48	427.0	16.62	445.0	19.00	456.0	19.48
	60	278.0	10.28	331.8	12.50	385.6	14.88	410.2	16.08	414.8	17.26	434.0	19.60	443.4	19.94
	65	278.0	10.50	331.8	12.78	385.6	15.16	404.0	16.40	410.2	17.60	427.8	20.24	438.8	20.40
	70	278.0	10.30	331.8	12.52	385.6	15.40	396.4	16.94	401.0	18.60	420.0	20.66	429.4	20.86
	75	278.0	10.56	331.8	13.34	385.6	16.48	390.2	18.18	396.4	19.94	413.6	21.64	424.6	21.78
	80	278.0	12.00	331.8	15.20	374.8	18.86	379.4	20.80	384.0	22.86	402.6	23.48	412.0	23.70
	85	278.0	12.78	331.8	16.22	368.6	20.14	373.2	22.20	379.4	24.26	396.4	24.46	407.4	24.68
	90	278.0	14.48	331.8	18.44	358.0	22.86	362.6	25.30	367.2	26.16	385.4	26.38	394.8	26.62
	95	281.0	15.34	335.4	19.62	355.4	24.42	**360.2**	**27.00**	366.4	27.10	383.2	27.36	394.2	27.60
	100	281.0	16.62	335.4	21.22	349.2	26.46	355.4	28.40	360.2	28.56	378.4	28.82	388.0	29.08
	105	281.0	18.72	330.0	24.02	340.0	29.86	345.4	30.54	350.0	30.70	367.4	30.98	373.6	31.26
	110	281.0	21.04	321.6	27.06	332.0	32.56	333.0	32.72	338.0	32.84	348.4	33.16	349.8	33.46
	115	273.2	24.34	309.8	31.12	309.8	34.32	309.8	34.32	309.8	34.32	317.4	34.38	318.8	34.44
	118	244.0	21.48	269.4	26.38	269.8	28.86	269.8	29.12	269.8	29.12	276.4	29.18	275.2	29.22
	122	195.0	16.30	216.0	20.06	215.0	21.98	215.6	22.02	216.0	22.06	222.0	22.12	221.6	22.20

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Cooling Capacity ARUN337BTE4, ARUN337DTE4 / ARUB337BTE4, ARUB337DTE4

336,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
110%	-9.9	257.6	6.82	307.4	8.22	357.0	9.74	381.8	10.56	406.8	11.32	448.0	12.90	457.6	13.40
	-5	257.6	7.2	307.4	8.68	357.0	10.28	381.8	11.14	406.8	11.94	448.0	13.62	457.6	14.12
	0	257.6	7.5	307.4	9.02	357.0	10.70	381.8	11.58	406.8	12.42	448.0	14.16	457.6	14.70
	5	257.6	7.7	307.4	9.34	357.0	11.08	381.8	12.02	406.8	12.88	448.0	14.68	457.6	15.24
	10	257.6	8.0	307.4	9.62	357.0	11.40	381.8	12.36	406.8	13.24	448.0	15.10	457.6	15.68
	14	257.6	8.3	307.4	9.96	357.0	11.82	381.8	12.80	406.8	13.72	448.0	15.66	457.6	16.24
	20	257.6	8.38	307.4	10.12	357.0	11.98	381.8	12.98	406.8	13.92	448.0	15.92	457.6	16.50
	25	257.6	8.48	307.4	10.26	357.0	12.14	381.8	13.14	406.8	14.10	448.0	16.14	457.6	16.70
	30	257.6	8.58	307.4	10.38	357.0	12.28	381.8	13.28	406.8	14.28	448.0	16.36	457.6	16.92
	35	257.6	8.72	307.4	10.54	357.0	12.46	381.8	13.48	406.8	14.50	448.0	16.60	457.6	17.18
	40	257.6	8.84	307.4	10.68	357.0	12.64	381.8	13.66	406.8	14.68	448.0	16.84	457.6	17.40
	45	257.6	8.98	307.4	10.86	357.0	12.84	381.8	13.88	406.8	14.92	448.0	17.12	457.6	17.70
	50	257.6	9.12	307.4	11.04	357.0	13.06	381.8	14.12	406.8	15.18	448.0	17.40	457.6	17.98
	55	257.6	9.28	307.4	11.24	357.0	13.30	381.8	14.42	406.8	15.48	441.8	17.70	451.2	18.14
	60	257.6	9.58	307.4	11.64	357.0	13.86	381.8	14.98	406.8	16.08	430.6	18.24	440.2	18.42
	65	257.6	9.78	307.4	11.90	357.0	14.12	381.8	15.28	406.8	16.38	424.4	18.86	433.8	19.00
	70	257.6	9.88	307.4	12.00	357.0	14.76	381.8	16.24	399.0	17.82	416.4	19.80	426.0	20.00
	75	257.6	10.12	307.4	12.80	357.0	15.80	381.8	17.44	392.8	19.12	410.0	20.74	419.6	20.90
	80	255.0	11.50	304.2	14.56	353.4	18.08	373.4	19.96	378.0	21.92	395.0	22.52	404.4	22.72
	85	255.0	12.24	304.2	15.56	353.4	19.32	367.2	21.28	371.8	23.26	388.6	23.46	398.0	23.66
	90	255.0	13.88	304.2	17.68	351.8	21.92	356.4	24.24	361.0	25.08	377.6	25.28	387.2	25.54
	95	255.0	14.72	304.2	18.82	345.8	23.42	**350.4**	**25.88**	355.0	25.98	371.4	26.22	380.8	26.48
	100	255.0	15.94	304.2	20.36	341.0	25.38	345.8	27.24	350.4	27.38	366.8	27.64	376.2	27.90
	105	255.0	17.96	304.2	23.02	330.4	28.64	335.0	29.30	339.6	29.44	356.0	29.70	365.0	30.00
	110	255.0	20.16	304.2	25.96	320.2	31.22	321.2	31.38	326.0	31.48	336.0	31.78	337.4	32.10
	115	255.0	23.34	304.2	29.84	306.6	32.92	306.6	32.92	308.0	32.92	314.2	32.98	315.6	33.04
	118	246.4	21.26	264.6	25.28	267.0	27.68	267.0	27.92	268.2	27.92	273.6	27.98	272.4	28.02
	122	197.0	16.12	212.2	19.22	212.8	21.06	213.4	21.12	214.8	21.14	219.6	21.20	219.2	21.30
100%	-9.9	226.6	6.00	270.0	7.24	313.6	8.58	336.0	9.34	369.2	10.10	414.0	11.66	437.2	12.14
	-5	226.6	6.3	270.0	7.64	313.6	9.04	336.0	9.86	369.2	10.66	414.0	12.30	437.2	12.82
	0	226.6	6.6	270.0	7.94	313.6	9.40	336.0	10.26	369.2	11.10	414.0	12.80	437.2	13.32
	5	226.6	6.8	270.0	8.22	313.6	9.74	336.0	10.62	369.2	11.50	414.0	13.26	437.2	13.82
	10	226.6	7.0	270.0	8.46	313.6	10.04	336.0	10.92	369.2	11.82	414.0	13.64	437.2	14.22
	14	226.6	7.3	270.0	8.78	313.6	10.40	336.0	11.32	369.2	12.26	414.0	14.14	437.2	14.72
	20	226.6	7.50	270.0	9.06	313.6	10.72	336.0	11.64	369.2	12.64	414.0	14.56	437.2	15.14
	25	226.6	7.68	270.0	9.30	313.6	11.00	336.0	11.92	369.2	12.98	414.0	14.90	437.2	15.50
	30	226.6	7.88	270.0	9.54	313.6	11.28	336.0	12.18	369.2	13.30	414.0	15.24	437.2	15.84
	35	226.6	8.00	270.0	9.68	313.6	11.46	336.0	12.38	369.2	13.52	414.0	15.50	437.2	16.10
	40	226.6	8.14	270.0	9.84	313.6	11.64	336.0	12.58	369.2	13.72	414.0	15.74	437.2	16.36
	45	226.6	8.32	270.0	10.06	313.6	11.86	336.0	12.84	369.2	14.00	414.0	16.06	437.2	16.70
	50	226.6	8.46	270.0	10.24	313.6	12.12	336.0	13.10	369.2	14.30	414.0	16.38	437.2	17.04
	55	226.6	8.62	270.0	10.44	313.6	12.36	336.0	13.38	369.2	14.58	414.0	16.68	432.6	17.28
	60	226.6	8.90	270.0	10.80	313.6	12.86	336.0	13.90	369.2	15.16	412.6	17.20	420.2	17.60
	65	226.6	9.08	270.0	11.04	313.6	13.10	336.0	14.18	369.2	15.44	406.4	17.76	415.6	18.12
	70	226.6	9.36	270.0	11.38	313.6	14.00	336.0	15.40	369.2	17.14	398.6	19.04	406.4	19.38
	75	226.6	9.60	270.0	12.12	313.6	14.98	336.0	16.52	369.2	18.38	392.4	19.94	401.8	20.18
	80	226.6	10.90	270.0	13.80	313.6	17.12	336.0	18.90	369.2	21.08	381.6	21.66	389.4	21.96
	85	226.6	11.60	270.0	14.74	313.6	18.30	336.0	20.16	367.8	22.38	375.4	22.56	384.8	22.86
	90	226.6	13.14	270.0	16.76	313.6	20.78	336.0	22.98	355.4	24.12	364.6	24.32	372.4	24.68
	95	226.6	13.94	270.0	17.82	313.6	22.18	**336.0**	**24.52**	350.8	24.98	358.4	25.22	367.8	25.58
	100	226.6	15.06	270.0	19.24	313.6	23.98	330.0	25.74	344.8	26.28	353.8	26.52	361.8	26.90
	105	226.6	16.92	270.0	21.68	311.8	26.98	320.8	27.58	334.4	28.14	343.0	28.40	351.4	28.78
	110	226.6	18.92	270.0	24.34	308.2	29.28	315.2	29.42	321.6	29.96	326.6	30.26	332.6	30.70
	115	226.6	21.72	270.0	27.80	293.4	30.66	302.4	30.66	310.0	31.10	312.8	31.16	314.2	31.38
	118	226.6	21.92	236.8	26.08	255.4	25.78	263.2	26.00	269.8	26.40	272.4	26.44	271.2	26.62
	122	193.8	19.84	190.0	19.82	203.6	19.62	210.4	19.66	216.2	19.98	218.8	20.04	218.4	20.22

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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PERFORMANCE DATA

ARUN337BTE4, ARUN337DTE4 / ARUB337BTE4, ARUB337DTE4 Cooling Capacity

336,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
90%	-9.9	204.0	5.34	243.0	6.40	283.6	7.56	303.0	8.14	322.6	8.70	361.6	10.02	400.6	11.00
	-5	204.0	5.6	243.0	6.76	283.6	7.98	303.0	8.58	322.6	9.18	361.6	10.56	400.6	11.60
	0	204.0	5.9	243.0	7.04	283.6	8.30	303.0	8.94	322.6	9.54	361.6	11.00	400.6	12.06
	5	204.0	6.1	243.0	7.28	283.6	8.60	303.0	9.26	322.6	9.90	361.6	11.40	400.6	12.50
	10	204.0	6.3	243.0	7.50	283.6	8.86	303.0	9.52	322.6	10.18	361.6	11.72	400.6	12.86
	14	204.0	6.5	243.0	7.78	283.6	9.18	303.0	9.88	322.6	10.54	361.6	12.14	400.6	13.34
	20	204.0	6.72	243.0	8.06	283.6	9.52	303.0	10.26	322.6	10.98	361.6	12.58	400.6	13.84
	25	204.0	6.92	243.0	8.32	283.6	9.80	303.0	10.56	322.6	11.36	361.6	12.94	400.6	14.28
	30	204.0	7.12	243.0	8.56	283.6	10.10	303.0	10.88	322.6	11.72	361.6	13.30	400.6	14.70
	35	204.0	7.34	243.0	8.82	283.6	10.40	303.0	11.20	322.6	12.06	361.6	13.70	400.6	15.16
	40	204.0	7.54	243.0	9.08	283.6	10.72	303.0	11.54	322.6	12.44	361.6	14.12	400.6	15.60
	45	204.0	7.72	243.0	9.30	283.6	10.96	303.0	11.82	322.6	12.72	361.6	14.44	400.6	15.96
	50	204.0	7.90	243.0	9.50	283.6	11.20	303.0	12.08	322.6	13.00	361.6	14.78	400.6	16.30
	55	204.0	7.98	243.0	9.64	283.6	11.40	303.0	12.32	322.6	13.24	361.6	15.06	400.6	16.46
	60	204.0	8.28	243.0	10.04	283.6	11.84	303.0	12.82	322.6	13.78	361.6	15.64	397.2	16.64
	65	204.0	8.42	243.0	10.22	283.6	12.08	303.0	13.06	322.6	14.02	361.6	15.94	394.6	17.48
	70	204.0	8.68	243.0	10.52	283.6	12.52	303.0	13.78	322.6	15.06	361.6	17.78	387.0	18.78
	75	204.0	8.82	243.0	11.00	283.6	13.40	303.0	14.76	322.6	16.18	361.6	18.54	381.0	19.62
	80	204.0	9.88	243.0	12.48	283.6	15.30	303.0	16.86	322.6	18.46	361.6	20.50	370.6	21.34
	85	204.0	10.52	243.0	13.30	283.6	16.36	303.0	17.98	322.6	19.72	357.0	21.58	364.6	22.22
	90	204.0	11.88	243.0	15.06	283.6	18.56	303.0	20.46	322.6	22.46	346.6	23.62	354.0	23.98
	95	204.0	12.66	243.0	15.98	283.6	19.78	**303.0**	**21.82**	322.6	23.96	340.6	24.52	348.0	24.86
	100	204.0	13.08	243.0	16.66	283.6	20.60	303.0	22.68	322.6	24.50	336.0	25.58	342.0	25.86
	105	204.0	15.16	243.0	19.32	283.6	23.30	303.0	24.84	318.8	26.26	325.6	27.42	330.0	27.76
	110	204.0	17.40	243.0	22.28	283.6	25.56	303.0	26.82	306.0	28.48	310.0	29.44	312.6	29.78
	115	204.0	18.84	243.0	24.16	265.6	26.90	287.2	28.06	291.4	29.38	294.0	30.02	295.4	30.42
	118	204.0	20.02	236.8	26.08	231.2	22.62	250.2	23.80	253.6	24.94	256.0	25.48	255.0	25.80
	122	193.8	19.84	190.0	19.82	184.2	17.22	199.8	18.00	203.2	18.88	205.6	19.32	205.2	19.60
80%	-9.9	181.4	4.64	216.0	5.58	252.0	6.48	268.6	7.04	286.6	7.58	321.0	8.66	355.6	9.66
	-5	181.4	4.9	216.0	5.88	252.0	6.84	268.6	7.42	286.6	8.00	321.0	9.14	355.6	10.18
	0	181.4	5.1	216.0	6.12	252.0	7.12	268.6	7.72	286.6	8.32	321.0	9.50	355.6	10.60
	5	181.4	5.3	216.0	6.34	252.0	7.36	268.6	8.00	286.6	8.64	321.0	9.86	355.6	10.98
	10	181.4	5.4	216.0	6.52	252.0	7.58	268.6	8.24	286.6	8.88	321.0	10.14	355.6	11.30
	14	181.4	5.6	216.0	6.76	252.0	7.86	268.6	8.54	286.6	9.20	321.0	10.50	355.6	11.70
	20	181.4	5.82	216.0	7.00	252.0	8.18	268.6	8.86	286.6	9.52	321.0	10.88	355.6	12.16
	25	181.4	6.00	216.0	7.20	252.0	8.44	268.6	9.12	286.6	9.78	321.0	11.20	355.6	12.52
	30	181.4	6.18	216.0	7.42	252.0	8.70	268.6	9.38	286.6	10.04	321.0	11.52	355.6	12.90
	35	181.4	6.36	216.0	7.62	252.0	8.94	268.6	9.64	286.6	10.32	321.0	11.84	355.6	13.26
	40	181.4	6.52	216.0	7.82	252.0	9.18	268.6	9.90	286.6	10.60	321.0	12.16	355.6	13.62
	45	181.4	6.62	216.0	7.92	252.0	9.32	268.6	10.06	286.6	10.74	321.0	12.34	355.6	13.80
	50	181.4	6.70	216.0	8.04	252.0	9.44	268.6	10.18	286.6	10.90	321.0	12.50	355.6	14.00
	55	181.6	6.82	216.0	8.18	252.0	9.60	268.6	10.36	286.6	11.10	321.0	12.74	355.6	14.24
	60	181.6	7.04	216.0	8.44	252.0	9.94	268.6	10.72	286.6	11.54	321.0	13.18	355.6	14.82
	65	181.6	7.16	216.0	8.62	252.0	10.14	268.6	10.94	286.6	11.78	321.0	13.42	355.6	15.16
	70	181.6	7.36	216.0	8.86	252.0	10.46	268.6	11.28	286.6	12.26	321.0	14.48	355.6	16.76
	75	181.6	7.50	216.0	9.02	252.0	10.96	268.6	12.02	286.6	13.08	321.0	15.40	355.6	17.66
	80	181.6	8.20	216.0	10.26	252.0	12.50	268.6	13.66	286.6	14.92	321.0	17.70	355.6	19.74
	85	181.6	8.76	216.0	10.90	252.0	13.32	268.6	14.58	286.6	15.98	321.0	18.86	355.6	20.24
	90	181.6	9.84	216.0	12.36	252.0	15.06	268.6	16.56	286.6	18.16	321.0	20.74	349.8	21.46
	95	181.6	10.46	216.0	13.08	252.0	16.08	**268.6**	**17.58**	286.6	19.30	321.0	21.46	342.2	22.04
	100	181.4	11.28	216.0	14.10	252.0	17.34	268.6	18.82	286.6	20.08	321.0	22.34	334.6	22.76
	105	181.4	12.84	216.0	16.14	252.0	19.30	268.6	20.20	286.6	21.52	317.2	23.22	325.0	23.88
	110	181.6	14.58	216.0	18.40	252.0	20.48	268.6	21.58	286.6	23.20	306.0	24.08	307.6	25.12
	115	181.6	15.60	216.0	19.66	252.0	21.16	268.6	22.68	268.6	23.74	270.2	24.62	270.2	26.12
	118	181.6	16.56	216.0	20.88	231.2	22.62	235.8	21.52	233.8	20.14	235.2	20.90	233.2	22.16
	122	181.6	17.90	190.6	19.70	184.2	17.22	188.4	16.28	187.2	15.24	188.8	15.84	187.8	16.84

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Cooling Capacity ARUN337BTE4, ARUN337DTE4 / ARUB337BTE4, ARUB337DTE4

336,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
70%	-9.9	159.0	4.08	189.0	4.86	220.6	5.72	235.6	6.12	250.6	6.52	280.6	7.48	312.0	8.36
	-5	159.0	4.3	189.0	5.12	220.6	6.04	235.6	6.46	250.6	6.88	280.6	7.88	312.0	8.82
	0	159.0	4.5	189.0	5.34	220.6	6.28	235.6	6.72	250.6	7.16	280.6	8.20	312.0	9.18
	5	159.0	4.7	189.0	5.52	220.6	6.50	235.6	6.96	250.6	7.42	280.6	8.50	312.0	9.52
	10	159.0	4.8	189.0	5.68	220.6	6.70	235.6	7.16	250.6	7.64	280.6	8.74	312.0	9.78
	14	159.0	5.0	189.0	5.90	220.6	6.94	235.6	7.42	250.6	7.90	280.6	9.06	312.0	10.14
	20	159.0	5.12	189.0	6.08	220.6	7.16	235.6	7.66	250.6	8.18	280.6	9.34	312.0	10.48
	25	159.0	5.28	189.0	6.26	220.6	7.34	235.6	7.88	250.6	8.42	280.6	9.58	312.0	10.76
	30	159.0	5.42	189.0	6.42	220.6	7.52	235.6	8.08	250.6	8.64	280.6	9.82	312.0	11.04
	35	159.0	5.56	189.0	6.60	220.6	7.72	235.6	8.28	250.6	8.88	280.6	10.08	312.0	11.36
	40	159.0	5.70	189.0	6.76	220.6	7.92	235.6	8.50	250.6	9.10	280.6	10.36	312.0	11.64
	45	159.0	5.78	189.0	6.86	220.6	8.04	235.6	8.66	250.6	9.24	280.6	10.52	312.0	11.82
	50	159.0	5.90	189.0	6.98	220.6	8.18	235.6	8.78	250.6	9.40	280.6	10.70	312.0	12.02
	55	159.0	6.00	189.0	7.12	220.6	8.30	235.6	8.92	250.6	9.56	280.6	10.90	312.0	12.26
	60	159.0	6.16	189.0	7.36	220.6	8.62	235.6	9.26	250.6	9.92	280.6	11.30	312.0	12.74
	65	159.0	6.26	189.0	7.50	220.6	8.76	235.6	9.44	250.6	10.12	280.6	11.52	312.0	12.94
	70	159.0	6.44	189.0	7.70	220.6	9.02	235.6	9.70	250.6	10.42	280.6	11.92	312.0	13.76
	75	159.0	6.54	189.0	7.84	220.6	9.20	235.6	10.04	250.6	10.90	280.6	12.74	312.0	14.56
	80	159.0	7.04	189.0	8.66	220.6	10.46	235.6	11.40	250.6	12.36	280.6	14.08	312.0	16.16
	85	159.0	7.50	189.0	9.20	220.6	11.14	235.6	12.16	250.6	13.32	280.6	15.00	312.0	16.84
	90	159.0	8.42	189.0	10.38	220.6	12.60	235.6	13.76	250.6	15.06	280.6	16.72	312.0	18.28
	95	159.0	8.88	189.0	11.04	220.6	13.42	**235.6**	**14.68**	250.6	15.98	280.6	17.60	312.0	18.84
	100	159.0	9.60	189.0	11.92	220.6	14.48	235.6	15.84	250.6	16.44	280.6	18.42	312.0	19.36
	105	159.0	10.88	189.0	13.58	220.6	15.96	235.6	16.90	250.6	17.88	280.6	19.40	312.0	20.50
	110	159.0	12.26	189.0	15.40	220.6	16.90	235.6	17.92	250.6	19.38	280.6	20.20	303.0	22.04
	115	159.0	13.18	189.0	16.42	220.6	17.48	235.6	18.94	250.6	19.94	280.6	20.82	285.6	23.46
	118	159.0	14.00	189.0	17.44	220.6	18.56	235.6	20.06	228.0	19.94	235.2	17.66	233.2	19.90
	122	159.0	15.10	189.0	18.88	196.8	17.72	188.2	16.50	182.6	15.10	188.8	13.38	187.8	15.12
60%	-9.9	136.6	3.54	162.0	4.12	189.0	4.82	201.0	5.16	214.6	5.56	241.6	6.30	267.0	7.04
	-5	136.6	3.7	162.0	4.34	189.0	5.10	201.0	5.44	214.6	5.86	241.6	6.64	267.0	7.42
	0	136.6	3.9	162.0	4.52	189.0	5.30	201.0	5.66	214.6	6.10	241.6	6.90	267.0	7.72
	5	136.6	4.0	162.0	4.68	189.0	5.50	201.0	5.86	214.6	6.32	241.6	7.16	267.0	8.00
	10	136.6	4.1	162.0	4.82	189.0	5.66	201.0	6.04	214.6	6.50	241.6	7.36	267.0	8.22
	14	136.6	4.3	162.0	5.00	189.0	5.86	201.0	6.26	214.6	6.74	241.6	7.62	267.0	8.52
	20	136.6	4.42	162.0	5.18	189.0	6.04	201.0	6.48	214.6	6.96	241.6	7.88	267.0	8.82
	25	136.6	4.54	162.0	5.32	189.0	6.20	201.0	6.66	214.6	7.14	241.6	8.10	267.0	9.08
	30	136.6	4.64	162.0	5.48	189.0	6.36	201.0	6.84	214.6	7.32	241.6	8.30	267.0	9.32
	35	136.6	4.76	162.0	5.62	189.0	6.52	201.0	7.02	214.6	7.50	241.6	8.50	267.0	9.56
	40	136.6	4.88	162.0	5.76	189.0	6.70	201.0	7.20	214.6	7.70	241.6	8.74	267.0	9.80
	45	136.6	4.92	162.0	5.82	189.0	6.74	201.0	7.26	214.6	7.78	241.6	8.80	267.0	9.88
	50	136.6	4.98	162.0	5.86	189.0	6.82	201.0	7.32	214.6	7.84	241.6	8.88	267.0	9.98
	55	136.6	5.04	162.0	5.96	189.0	6.94	201.0	7.46	214.6	7.96	241.6	9.06	267.0	10.14
	60	136.6	5.22	162.0	6.16	189.0	7.18	201.0	7.74	214.6	8.28	241.6	9.36	267.0	10.56
	65	136.6	5.28	162.0	6.26	189.0	7.32	201.0	7.86	214.6	8.42	241.6	9.56	267.0	10.76
	70	136.6	5.42	162.0	6.44	189.0	7.52	201.0	8.08	214.6	8.66	241.6	9.84	267.0	11.18
	75	136.6	5.52	162.0	6.54	189.0	7.66	201.0	8.24	214.6	8.92	241.6	10.42	267.0	11.90
	80	136.6	5.86	162.0	7.16	189.0	8.58	201.0	9.36	214.6	10.14	241.6	11.68	267.0	13.44
	85	136.6	6.24	162.0	7.60	189.0	9.12	201.0	9.98	214.6	10.86	241.6	12.30	267.0	13.88
	90	136.6	6.98	162.0	8.58	189.0	10.32	201.0	11.28	214.6	12.20	241.6	13.74	267.0	15.14
	95	136.6	7.40	162.0	9.10	189.0	10.96	**201.0**	**12.02**	214.6	12.92	241.6	14.36	267.0	15.94
	100	136.6	7.94	162.0	9.78	189.0	11.82	201.0	12.94	214.6	13.50	241.6	15.24	267.0	16.62
	105	136.6	9.02	162.0	11.14	189.0	13.04	201.0	13.80	214.6	14.68	241.6	16.18	267.0	18.12
	110	136.6	10.14	162.0	12.64	189.0	14.08	201.0	14.64	214.6	15.86	241.6	17.30	267.0	19.76
	115	136.6	10.86	162.0	13.48	189.0	14.62	201.0	15.50	214.6	16.44	241.6	18.30	267.0	21.12
	118	136.6	11.50	162.0	14.30	189.0	15.52	201.0	16.46	214.6	17.48	235.2	17.66	233.2	19.90
	122	136.6	12.40	162.0	15.46	189.0	16.82	187.8	16.70	181.8	15.46	188.8	13.38	187.8	15.12

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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ARUN337BTE4, ARUN337DTE4 / ARUB337BTE4, ARUB337DTE4 Cooling Capacity

336,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
50%	-9.9	113.4	3.04	135.0	3.58	157.6	4.02	168.0	4.32	178.6	4.66	201.0	5.16	222.0	5.72
	-5	113.4	3.2	135.0	3.78	157.6	4.24	168.0	4.56	178.6	4.90	201.0	5.44	222.0	6.04
	0	113.4	3.3	135.0	3.94	157.6	4.40	168.0	4.74	178.6	5.10	201.0	5.66	222.0	6.28
	5	113.4	3.5	135.0	4.08	157.6	4.56	168.0	4.92	178.6	5.30	201.0	5.88	222.0	6.52
	10	113.4	3.6	135.0	4.20	157.6	4.70	168.0	5.06	178.6	5.44	201.0	6.04	222.0	6.70
	14	113.4	3.7	135.0	4.34	157.6	4.86	168.0	5.24	178.6	5.64	201.0	6.26	222.0	6.94
	20	113.4	3.84	135.0	4.48	157.6	5.06	168.0	5.44	178.6	5.82	201.0	6.50	222.0	7.20
	25	113.4	3.94	135.0	4.60	157.6	5.24	168.0	5.60	178.6	5.98	201.0	6.68	222.0	7.42
	30	113.4	4.06	135.0	4.72	157.6	5.40	168.0	5.74	178.6	6.14	201.0	6.88	222.0	7.64
	35	113.4	4.16	135.0	4.84	157.6	5.54	168.0	5.90	178.6	6.30	201.0	7.06	222.0	7.84
	40	113.4	4.28	135.0	4.96	157.6	5.68	168.0	6.04	178.6	6.46	201.0	7.24	222.0	8.06
	45	113.4	4.34	135.0	5.02	157.6	5.76	168.0	6.14	178.6	6.54	201.0	7.34	222.0	8.16
	50	113.4	4.40	135.0	5.10	157.6	5.84	168.0	6.22	178.6	6.64	201.0	7.44	222.0	8.28
	55	113.4	4.50	135.0	5.20	157.6	5.94	168.0	6.32	178.6	6.74	201.0	7.58	222.0	8.42
	60	113.4	4.58	135.0	5.34	157.6	6.14	168.0	6.56	178.6	6.98	201.0	7.82	222.0	8.76
	65	113.4	4.64	135.0	5.42	157.6	6.22	168.0	6.64	178.6	7.06	201.0	7.96	222.0	8.90
	70	113.4	4.78	135.0	5.52	157.6	6.36	168.0	6.84	178.6	7.26	201.0	8.18	222.0	9.18
	75	113.4	4.82	135.0	5.62	157.6	6.50	168.0	6.92	178.6	7.40	201.0	8.32	222.0	9.36
	80	113.4	4.96	135.0	5.94	157.6	6.98	168.0	7.54	178.6	8.10	201.0	9.32	222.0	10.62
	85	113.4	5.28	135.0	6.28	157.6	7.40	168.0	8.00	178.6	8.62	201.0	9.92	222.0	11.32
	90	113.4	5.90	135.0	7.02	157.6	8.32	168.0	8.98	178.6	9.68	201.0	11.18	222.0	12.82
	95	113.4	6.22	135.0	7.44	157.6	8.80	**168.0**	**9.54**	178.6	10.30	201.0	11.88	222.0	13.62
	100	113.4	6.56	135.0	7.86	157.6	9.32	168.0	10.10	178.6	10.90	201.0	12.64	222.0	14.46
	105	113.4	7.16	135.0	8.68	157.6	10.30	168.0	11.16	178.6	12.06	201.0	14.00	222.0	16.08
	110	113.4	7.90	135.0	9.60	157.6	11.42	168.0	12.40	178.6	13.42	201.0	15.62	222.0	17.96
	115	113.4	8.46	135.0	10.30	157.6	12.26	168.0	13.34	178.6	14.46	201.0	16.84	222.0	19.38
	118	113.4	9.14	135.0	11.16	157.6	13.32	168.0	14.50	178.6	15.74	201.0	17.66	222.0	19.90
	122	113.4	10.10	135.0	12.34	157.6	14.74	168.0	16.10	178.6	15.46	188.8	13.38	187.8	15.12

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

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Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Cooling Capacity ARUN312BTE4, ARUN312DTE4 / ARUB312BTE4, ARUB312DTE4

312,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
130%	-9.9	283.7	6.33	337.0	7.68	391.7	9.12	406.1	9.84	411.9	10.62	426.2	12.17	436.4	12.57
	-5	283.7	6.68	337.0	8.11	391.7	9.62	406.1	10.38	411.9	11.20	426.2	12.84	436.4	13.27
	0	283.7	6.95	337.0	8.43	391.7	10.01	406.1	10.80	411.9	11.65	426.2	13.36	436.4	13.80
	5	283.7	7.20	337.0	8.74	391.7	10.38	406.1	11.19	411.9	12.08	426.2	13.84	436.4	14.30
	10	283.7	7.41	337.0	8.99	391.7	10.67	406.1	11.52	411.9	12.42	426.2	14.24	436.4	14.71
	14	283.7	7.68	337.0	9.32	391.7	11.06	406.1	11.93	411.9	12.87	426.2	14.76	436.4	15.25
	20	283.7	7.81	337.0	9.47	391.7	11.22	406.1	12.12	411.9	13.05	426.2	14.96	436.4	15.47
	25	283.7	7.92	337.0	9.59	391.7	11.35	406.1	12.27	411.9	13.20	426.2	15.13	436.4	15.65
	30	283.7	8.03	337.0	9.71	391.7	11.49	406.1	12.42	411.9	13.35	426.2	15.30	436.4	15.84
	35	283.7	8.12	337.0	9.84	391.7	11.62	406.1	12.56	411.9	13.51	426.2	15.49	436.4	16.03
	40	283.7	8.22	337.0	9.95	391.7	11.76	406.1	12.72	411.9	13.67	426.2	15.67	436.4	16.22
	45	283.7	8.30	337.0	10.05	391.7	11.89	406.1	12.85	411.9	13.80	426.2	15.84	436.4	16.38
	50	283.7	8.39	337.0	10.15	391.7	12.00	406.1	12.98	411.9	13.95	426.2	15.99	436.4	16.55
	55	283.7	8.53	337.0	10.34	391.7	12.24	400.4	13.26	406.1	14.23	420.4	16.27	430.6	16.66
	60	283.7	8.81	337.0	10.71	386.0	12.75	391.5	13.77	396.1	14.79	410.2	16.78	420.4	16.85
	65	283.7	8.99	337.0	10.94	380.2	12.98	386.0	14.04	390.3	15.06	404.4	17.33	414.6	17.47
	70	283.7	8.65	337.0	10.51	373.0	12.93	377.3	14.23	383.1	15.62	397.1	17.35	407.3	17.52
	75	283.7	8.87	337.0	11.20	367.3	13.84	371.6	15.27	377.3	16.74	391.3	18.17	401.5	18.30
	80	283.7	10.08	337.0	12.76	357.2	15.83	361.5	17.48	367.3	19.21	381.1	19.73	391.3	19.90
	85	283.7	10.73	337.0	13.63	351.4	16.91	357.2	18.65	361.5	20.38	375.3	20.55	385.5	20.72
	90	283.7	12.16	331.2	15.49	341.3	19.21	345.7	21.24	351.4	21.98	365.1	22.15	375.3	22.37
	95	286.7	12.89	329.0	16.48	339.1	20.51	**345.0**	**22.67**	349.3	22.75	363.1	22.97	373.4	23.19
	100	286.7	13.95	323.1	17.83	333.3	22.23	339.1	23.86	343.5	23.99	358.7	24.21	369.0	24.43
	105	286.7	15.73	314.5	20.17	324.6	25.07	329.6	25.65	334.6	25.79	346.2	26.02	351.2	26.27
	110	286.7	17.66	301.4	22.73	314.0	27.35	315.0	27.48	319.7	27.57	326.4	27.84	327.6	28.11
	115	285.3	20.44	290.5	26.14	290.5	28.83	290.5	28.83	290.5	28.83	294.7	28.88	296.0	28.93
	118	248.1	17.32	252.6	22.15	252.9	24.24	252.9	24.46	252.9	24.46	256.6	24.51	255.5	24.55
	122	198.2	13.14	202.6	16.84	201.6	18.46	202.1	18.50	202.6	18.52	206.0	18.58	205.7	18.65
120%	-9.9	258.2	5.97	308.1	7.23	358.0	8.56	383.7	9.23	400.8	9.96	419.0	11.42	427.8	11.80
	-5	258.2	6.29	308.1	7.63	358.0	9.04	383.7	9.74	400.8	10.51	419.0	12.05	427.8	12.45
	0	258.2	6.55	308.1	7.94	358.0	9.40	383.7	10.13	400.8	10.93	419.0	12.53	427.8	12.95
	5	258.2	6.79	308.1	8.23	358.0	9.74	383.7	10.50	400.8	11.33	419.0	12.99	427.8	13.42
	10	258.2	6.98	308.1	8.46	358.0	10.02	383.7	10.81	400.8	11.65	419.0	13.36	427.8	13.81
	14	258.2	7.24	308.1	8.77	358.0	10.39	383.7	11.20	400.8	12.08	419.0	13.85	427.8	14.31
	20	258.2	7.35	308.1	8.90	358.0	10.54	383.7	11.37	400.8	12.25	419.0	14.04	427.8	14.52
	25	258.2	7.44	308.1	9.01	358.0	10.66	383.7	11.52	400.8	12.39	419.0	14.20	427.8	14.69
	30	258.2	7.54	308.1	9.12	358.0	10.78	383.7	11.66	400.8	12.53	419.0	14.37	427.8	14.87
	35	258.2	7.64	308.1	9.22	358.0	10.91	383.7	11.81	400.8	12.69	419.0	14.54	427.8	15.05
	40	258.2	7.73	308.1	9.35	358.0	11.06	383.7	11.95	400.8	12.85	419.0	14.73	427.8	15.24
	45	258.2	7.82	308.1	9.45	358.0	11.18	383.7	12.10	400.8	12.99	419.0	14.89	427.8	15.41
	50	258.2	7.90	308.1	9.56	358.0	11.30	383.7	12.22	400.8	13.14	419.0	15.06	427.8	15.58
	55	258.2	8.03	308.1	9.73	358.0	11.52	383.7	12.48	396.5	13.40	413.2	15.32	423.4	15.70
	60	258.2	8.29	308.1	10.08	358.0	12.00	380.9	12.96	385.1	13.92	403.0	15.80	411.8	16.08
	65	258.2	8.47	308.1	10.30	358.0	12.22	375.1	13.23	380.9	14.19	397.2	16.32	407.4	16.46
	70	258.2	8.31	308.1	10.09	358.0	12.42	368.0	13.66	372.3	14.99	389.9	16.65	398.7	16.82
	75	258.2	8.51	308.1	10.76	358.0	13.29	362.3	14.66	368.0	16.07	384.1	17.44	394.3	17.57
	80	258.2	9.68	308.1	12.25	348.0	15.20	352.3	16.78	356.6	18.44	373.9	18.94	382.7	19.10
	85	258.2	10.30	308.1	13.08	342.3	16.24	346.6	17.90	352.3	19.56	368.1	19.73	378.3	19.89
	90	258.2	11.67	308.1	14.87	332.4	18.44	336.6	20.39	340.9	21.10	357.9	21.26	366.6	21.47
	95	260.9	12.38	311.4	15.82	330.1	19.69	**334.4**	**21.76**	340.2	21.84	355.8	22.05	366.1	22.26
	100	260.9	13.40	311.4	17.11	324.3	21.34	330.1	22.90	334.4	23.03	351.4	23.24	360.2	23.45
	105	260.9	15.09	306.4	19.37	315.7	24.08	320.8	24.63	325.0	24.76	341.2	24.97	346.8	25.21
	110	260.9	16.96	298.6	21.82	308.3	26.25	309.2	26.38	313.8	26.47	323.6	26.73	324.8	26.98
	115	253.7	19.62	287.7	25.10	287.7	27.68	287.7	27.68	287.7	27.68	294.7	27.73	296.0	27.78
	118	226.5	17.32	250.1	21.27	250.5	23.27	250.5	23.48	250.5	23.48	256.6	23.53	255.6	23.57
	122	181.0	13.14	200.6	16.17	199.6	17.72	200.1	17.76	200.6	17.78	206.1	17.83	205.7	17.91

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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ARUN312BTE4, ARUN312DTE4 / ARUB312BTE4, ARUB312DTE4 Cooling Capacity

312,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
110%	-9.9	239.3	5.49	285.4	6.63	331.5	7.85	354.6	8.51	377.7	9.12	416.1	10.41	424.9	10.80
	-5	239.3	5.79	285.4	6.99	331.5	8.29	354.6	8.98	377.7	9.63	416.1	10.98	424.9	11.39
	0	239.3	6.03	285.4	7.27	331.5	8.62	354.6	9.34	377.7	10.01	416.1	11.42	424.9	11.85
	5	239.3	6.25	285.4	7.54	331.5	8.93	354.6	9.68	377.7	10.38	416.1	11.84	424.9	12.28
	10	239.3	6.43	285.4	7.75	331.5	9.19	354.6	9.96	377.7	10.68	416.1	12.18	424.9	12.64
	14	239.3	6.66	285.4	8.04	331.5	9.52	354.6	10.32	377.7	11.06	416.1	12.62	424.9	13.09
	20	239.3	6.76	285.4	8.16	331.5	9.67	354.6	10.47	377.7	11.23	416.1	12.84	424.9	13.30
	25	239.3	6.84	285.4	8.27	331.5	9.79	354.6	10.59	377.7	11.37	416.1	13.02	424.9	13.47
	30	239.3	6.92	285.4	8.38	331.5	9.91	354.6	10.71	377.7	11.51	416.1	13.19	424.9	13.63
	35	239.3	7.03	285.4	8.49	331.5	10.04	354.6	10.86	377.7	11.68	416.1	13.39	424.9	13.86
	40	239.3	7.12	285.4	8.62	331.5	10.19	354.6	11.02	377.7	11.84	416.1	13.57	424.9	14.03
	45	239.3	7.24	285.4	8.75	331.5	10.35	354.6	11.20	377.7	12.04	416.1	13.80	424.9	14.27
	50	239.3	7.36	285.4	8.90	331.5	10.53	354.6	11.38	377.7	12.23	416.1	14.02	424.9	14.49
	55	239.3	7.48	285.4	9.06	331.5	10.73	354.6	11.62	377.7	12.48	410.2	14.27	419.0	14.62
	60	239.3	7.72	285.4	9.39	331.5	11.18	354.6	12.07	377.7	12.96	399.9	14.71	408.7	14.85
	65	239.3	7.88	285.4	9.59	331.5	11.38	354.6	12.31	377.7	13.21	394.0	15.20	402.9	15.32
	70	239.3	7.96	285.4	9.68	331.5	11.91	354.6	13.10	370.5	14.38	386.7	15.97	395.5	16.13
	75	239.3	8.16	285.4	10.31	331.5	12.74	354.6	14.06	364.7	15.41	380.8	16.72	389.6	16.84
	80	236.8	9.28	282.5	11.75	328.1	14.57	346.7	16.09	351.0	17.68	366.7	18.16	375.5	18.32
	85	236.8	9.88	282.5	12.54	328.1	15.57	341.0	17.16	345.3	18.76	360.9	18.92	369.6	19.07
	90	236.8	11.19	282.5	14.26	326.7	17.68	331.0	19.55	335.3	20.23	350.7	20.39	359.5	20.59
	95	236.8	11.87	282.5	15.17	321.0	18.88	**325.3**	**20.87**	329.6	20.95	344.9	21.15	353.6	21.34
	100	236.8	12.85	282.5	16.41	316.7	20.46	321.0	21.96	325.3	22.08	340.5	22.29	349.3	22.49
	105	236.8	14.48	282.5	18.56	306.9	23.09	311.1	23.63	315.4	23.74	330.5	23.95	339.0	24.18
	110	236.8	16.26	282.5	20.92	297.4	25.17	298.2	25.30	302.7	25.38	312.1	25.63	313.3	25.87
	115	236.8	18.81	282.5	24.06	284.7	26.54	284.7	26.54	286.0	26.54	291.7	26.59	293.0	26.63
	118	228.9	17.14	245.6	20.39	247.9	22.32	247.9	22.52	249.0	22.52	254.0	22.56	252.9	22.60
	122	182.9	13.00	197.0	15.50	197.6	16.99	198.1	17.03	199.5	17.05	204.0	17.10	203.6	17.17
100%	-9.9	210.3	4.83	250.7	5.83	291.1	6.91	312.0	7.53	342.9	8.15	384.5	9.40	406.0	9.79
	-5	210.3	5.10	250.7	6.15	291.1	7.29	312.0	7.94	342.9	8.60	384.5	9.92	406.0	10.33
	0	210.3	5.30	250.7	6.40	291.1	7.58	312.0	8.26	342.9	8.94	384.5	10.32	406.0	10.75
	5	210.3	5.50	250.7	6.63	291.1	7.86	312.0	8.57	342.9	9.27	384.5	10.69	406.0	11.14
	10	210.3	5.66	250.7	6.82	291.1	8.09	312.0	8.81	342.9	9.54	384.5	11.00	406.0	11.46
	14	210.3	5.86	250.7	7.07	291.1	8.38	312.0	9.13	342.9	9.88	384.5	11.40	406.0	11.87
	20	210.3	6.04	250.7	7.30	291.1	8.65	312.0	9.39	342.9	10.20	384.5	11.73	406.0	12.21
	25	210.3	6.20	250.7	7.49	291.1	8.87	312.0	9.61	342.9	10.46	384.5	12.01	406.0	12.49
	30	210.3	6.35	250.7	7.68	291.1	9.09	312.0	9.82	342.9	10.72	384.5	12.29	406.0	12.78
	35	210.3	6.45	250.7	7.81	291.1	9.23	312.0	9.98	342.9	10.89	384.5	12.49	406.0	12.99
	40	210.3	6.56	250.7	7.93	291.1	9.38	312.0	10.14	342.9	11.07	384.5	12.68	406.0	13.19
	45	210.3	6.70	250.7	8.11	291.1	9.57	312.0	10.36	342.9	11.29	384.5	12.95	406.0	13.46
	50	210.3	6.83	250.7	8.26	291.1	9.77	312.0	10.56	342.9	11.53	384.5	13.21	406.0	13.74
	55	210.3	6.94	250.7	8.41	291.1	9.96	312.0	10.79	342.9	11.76	384.5	13.44	401.7	13.94
	60	210.3	7.17	250.7	8.72	291.1	10.38	312.0	11.21	342.9	12.22	383.0	13.86	390.2	14.19
	65	210.3	7.32	250.7	8.90	291.1	10.56	312.0	11.43	342.9	12.45	377.3	14.32	385.9	14.61
	70	210.3	7.55	250.7	9.17	291.1	11.28	312.0	12.41	342.9	13.82	370.1	15.36	377.3	15.63
	75	210.3	7.73	250.7	9.77	291.1	12.07	312.0	13.32	342.9	14.82	364.4	16.08	373.0	16.28
	80	210.3	8.79	250.7	11.13	291.1	13.81	312.0	15.24	342.9	17.00	354.4	17.46	361.5	17.70
	85	210.3	9.36	250.7	11.88	291.1	14.75	312.0	16.26	341.4	18.04	348.6	18.19	357.2	18.43
	90	210.3	10.60	250.7	13.51	291.1	16.75	312.0	18.52	330.0	19.45	338.6	19.61	345.7	19.90
	95	210.3	11.24	250.7	14.37	291.1	17.88	**312.0**	**19.77**	325.7	20.14	332.8	20.33	341.4	20.63
	100	210.3	12.14	250.7	15.51	291.1	19.34	306.4	20.76	320.1	21.19	328.5	21.38	335.9	21.68
	105	210.3	13.64	250.7	17.48	289.5	21.75	298.0	22.24	310.4	22.70	318.6	22.89	326.4	23.21
	110	210.3	15.25	250.7	19.62	286.2	23.61	292.7	23.72	298.6	24.16	303.3	24.40	308.8	24.75
	115	210.3	17.52	250.7	22.41	272.4	24.71	280.8	24.71	287.8	25.08	290.5	25.13	291.8	25.30
	118	210.3	17.67	219.9	21.02	237.2	20.78	244.5	20.97	250.6	21.28	252.9	21.32	251.9	21.46
	122	179.9	16.00	176.4	15.98	189.0	15.82	195.3	15.86	200.7	16.11	203.1	16.16	202.8	16.31

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Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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MULTI V IV

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312,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

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		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
90%	-9.9	189.4	4.31	225.6	5.17	263.3	6.10	281.4	6.56	299.5	7.01	335.7	8.08	371.9	8.87
	-5	189.4	4.55	225.6	5.45	263.3	6.44	281.4	6.92	299.5	7.40	335.7	8.52	371.9	9.36
	0	189.4	4.73	225.6	5.67	263.3	6.70	281.4	7.20	299.5	7.70	335.7	8.86	371.9	9.73
	5	189.4	4.90	225.6	5.88	263.3	6.94	281.4	7.47	299.5	7.98	335.7	9.19	371.9	10.09
	10	189.4	5.05	225.6	6.05	263.3	7.14	281.4	7.68	299.5	8.21	335.7	9.45	371.9	10.38
	14	189.4	5.23	225.6	6.27	263.3	7.40	281.4	7.96	299.5	8.50	335.7	9.80	371.9	10.75
	20	189.4	5.42	225.6	6.50	263.3	7.68	281.4	8.27	299.5	8.86	335.7	10.15	371.9	11.16
	25	189.4	5.58	225.6	6.70	263.3	7.91	281.4	8.52	299.5	9.15	335.7	10.44	371.9	11.51
	30	189.4	5.73	225.6	6.90	263.3	8.14	281.4	8.78	299.5	9.45	335.7	10.73	371.9	11.85
	35	189.4	5.91	225.6	7.12	263.3	8.38	281.4	9.03	299.5	9.73	335.7	11.05	371.9	12.22
	40	189.4	6.08	225.6	7.32	263.3	8.64	281.4	9.31	299.5	10.03	335.7	11.39	371.9	12.57
	45	189.4	6.23	225.6	7.49	263.3	8.84	281.4	9.53	299.5	10.26	335.7	11.64	371.9	12.87
	50	189.4	6.36	225.6	7.66	263.3	9.03	281.4	9.74	299.5	10.49	335.7	11.91	371.9	13.15
	55	189.4	6.44	225.6	7.78	263.3	9.19	281.4	9.94	299.5	10.68	335.7	12.14	371.9	13.27
	60	189.4	6.68	225.6	8.09	263.3	9.54	281.4	10.33	299.5	11.11	335.7	12.61	368.8	13.42
	65	189.4	6.79	225.6	8.25	263.3	9.74	281.4	10.53	299.5	11.31	335.7	12.85	366.3	14.10
	70	189.4	6.99	225.6	8.48	263.3	10.09	281.4	11.11	299.5	12.14	335.7	14.33	359.4	15.14
	75	189.4	7.11	225.6	8.88	263.3	10.80	281.4	11.90	299.5	13.04	335.7	14.95	353.8	15.82
	80	189.4	7.97	225.6	10.05	263.3	12.33	281.4	13.59	299.5	14.89	335.7	16.52	344.0	17.20
	85	189.4	8.48	225.6	10.72	263.3	13.20	281.4	14.49	299.5	15.91	331.5	17.40	338.5	17.91
	90	189.4	9.58	225.6	12.14	263.3	14.96	281.4	16.50	299.5	18.11	321.8	19.05	328.7	19.33
	95	189.4	10.21	225.6	12.88	263.3	15.95	**281.4**	**17.60**	299.5	19.32	316.2	19.77	323.1	20.04
	100	189.4	10.54	225.6	13.43	263.3	16.61	281.4	18.29	299.5	19.75	312.0	20.62	317.6	20.85
	105	189.4	12.22	225.6	15.58	263.3	18.78	281.4	20.03	296.1	21.17	302.3	22.10	306.4	22.38
	110	189.4	14.03	225.6	17.97	263.3	20.60	281.4	21.63	284.1	22.96	287.9	23.74	290.2	24.01
	115	189.4	15.20	225.6	19.48	246.5	21.70	266.8	22.63	270.6	23.69	273.1	24.21	274.3	24.52
	118	189.4	16.14	219.9	21.02	214.7	18.24	232.3	19.20	235.6	20.10	237.8	20.54	236.8	20.81
	122	180.0	16.00	176.4	15.98	171.1	13.89	185.6	14.52	188.7	15.22	190.9	15.57	190.6	15.81
80%	-9.9	168.5	3.73	200.6	4.50	234.0	5.22	249.3	5.67	266.0	6.12	298.1	6.98	330.1	7.78
	-5	168.5	3.94	200.6	4.75	234.0	5.51	249.3	5.99	266.0	6.45	298.1	7.37	330.1	8.21
	0	168.5	4.10	200.6	4.94	234.0	5.73	249.3	6.23	266.0	6.71	298.1	7.67	330.1	8.54
	5	168.5	4.25	200.6	5.12	234.0	5.94	249.3	6.45	266.0	6.96	298.1	7.95	330.1	8.85
	10	168.5	4.37	200.6	5.26	234.0	6.11	249.3	6.64	266.0	7.16	298.1	8.17	330.1	9.11
	14	168.5	4.53	200.6	5.46	234.0	6.33	249.3	6.88	266.0	7.42	298.1	8.47	330.1	9.44
	20	168.5	4.70	200.6	5.65	234.0	6.59	249.3	7.14	266.0	7.68	298.1	8.78	330.1	9.80
	25	168.5	4.84	200.6	5.81	234.0	6.80	249.3	7.35	266.0	7.89	298.1	9.03	330.1	10.10
	30	168.5	4.99	200.6	5.97	234.0	7.01	249.3	7.57	266.0	8.10	298.1	9.29	330.1	10.41
	35	168.5	5.12	200.6	6.15	234.0	7.22	249.3	7.77	266.0	8.32	298.1	9.55	330.1	10.70
	40	168.5	5.26	200.6	6.31	234.0	7.40	249.3	7.99	266.0	8.55	298.1	9.81	330.1	10.98
	45	168.5	5.34	200.6	6.39	234.0	7.51	249.3	8.11	266.0	8.66	298.1	9.94	330.1	11.13
	50	168.5	5.41	200.6	6.48	234.0	7.61	249.3	8.21	266.0	8.79	298.1	10.08	330.1	11.29
	55	168.5	5.49	200.6	6.59	234.0	7.74	249.3	8.35	266.0	8.95	298.1	10.27	330.1	11.48
	60	168.5	5.68	200.6	6.81	234.0	8.02	249.3	8.65	266.0	9.31	298.1	10.63	330.1	11.94
	65	168.5	5.77	200.6	6.95	234.0	8.18	249.3	8.81	266.0	9.50	298.1	10.82	330.1	12.22
	70	168.5	5.93	200.6	7.14	234.0	8.43	249.3	9.09	266.0	9.89	298.1	11.67	330.1	13.51
	75	168.5	6.04	200.6	7.28	234.0	8.84	249.3	9.69	266.0	10.54	298.1	12.41	330.1	14.25
	80	168.5	6.62	200.6	8.26	234.0	10.08	249.3	11.01	266.0	12.03	298.1	14.28	330.1	15.91
	85	168.5	7.06	200.6	8.79	234.0	10.74	249.3	11.75	266.0	12.88	298.1	15.21	330.1	16.33
	90	168.5	7.94	200.6	9.97	234.0	12.14	249.3	13.34	266.0	14.64	298.1	16.72	324.7	17.30
	95	168.5	8.43	200.6	10.54	234.0	12.96	**249.3**	**14.17**	266.0	15.57	298.1	17.30	317.7	17.77
	100	168.5	9.09	200.6	11.37	234.0	13.98	249.3	15.18	266.0	16.19	298.1	18.01	310.6	18.35
	105	168.5	10.36	200.6	13.01	234.0	15.56	249.3	16.29	266.0	17.36	294.5	18.72	301.7	19.26
	110	168.5	11.75	200.6	14.83	234.0	16.51	249.3	17.40	266.0	18.70	284.1	19.41	285.5	20.25
	115	168.5	12.58	200.6	15.84	234.0	17.06	249.3	18.29	249.3	19.14	250.8	19.85	250.8	21.06
	118	168.5	13.35	200.6	16.84	214.7	18.24	219.0	17.36	217.1	16.24	218.4	16.84	216.5	17.86
	122	168.5	14.43	177.0	15.88	171.1	13.89	175.0	13.13	173.9	12.30	175.4	12.77	174.3	13.57

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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PERFORMANCE DATA

ARUN312BTE4, ARUN312DTE4 / ARUB312BTE4, ARUB312DTE4 Cooling Capacity

312,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
70%	-9.9	147.6	3.30	175.5	3.92	204.8	4.61	218.7	4.93	232.6	5.26	260.5	6.02	289.7	6.74
	-5	147.6	3.48	175.5	4.13	204.8	4.87	218.7	5.21	232.6	5.55	260.5	6.35	289.7	7.11
	0	147.6	3.62	175.5	4.30	204.8	5.06	218.7	5.42	232.6	5.77	260.5	6.61	289.7	7.40
	5	147.6	3.75	175.5	4.46	204.8	5.25	218.7	5.61	232.6	5.98	260.5	6.85	289.7	7.67
	10	147.6	3.86	175.5	4.59	204.8	5.40	218.7	5.78	232.6	6.15	260.5	7.05	289.7	7.89
	14	147.6	4.00	175.5	4.75	204.8	5.59	218.7	5.98	232.6	6.38	260.5	7.30	289.7	8.18
	20	147.6	4.14	175.5	4.91	204.8	5.77	218.7	6.18	232.6	6.60	260.5	7.54	289.7	8.45
	25	147.6	4.25	175.5	5.04	204.8	5.91	218.7	6.35	232.6	6.78	260.5	7.73	289.7	8.68
	30	147.6	4.37	175.5	5.17	204.8	6.06	218.7	6.51	232.6	6.96	260.5	7.92	289.7	8.91
	35	147.6	4.49	175.5	5.32	204.8	6.23	218.7	6.68	232.6	7.16	260.5	8.13	289.7	9.15
	40	147.6	4.60	175.5	5.45	204.8	6.38	218.7	6.86	232.6	7.34	260.5	8.35	289.7	9.38
	45	147.6	4.67	175.5	5.54	204.8	6.48	218.7	6.98	232.6	7.45	260.5	8.48	289.7	9.53
	50	147.6	4.75	175.5	5.63	204.8	6.59	218.7	7.08	232.6	7.58	260.5	8.62	289.7	9.69
	55	147.6	4.83	175.5	5.74	204.8	6.70	218.7	7.19	232.6	7.72	260.5	8.79	289.7	9.89
	60	147.6	4.97	175.5	5.93	204.8	6.95	218.7	7.47	232.6	7.99	260.5	9.12	289.7	10.27
	65	147.6	5.05	175.5	6.04	204.8	7.06	218.7	7.61	232.6	8.16	260.5	9.28	289.7	10.43
	70	147.6	5.19	175.5	6.21	204.8	7.28	218.7	7.83	232.6	8.40	260.5	9.61	289.7	11.09
	75	147.6	5.27	175.5	6.32	204.8	7.41	218.7	8.10	232.6	8.79	260.5	10.27	289.7	11.75
	80	147.6	5.68	175.5	6.97	204.8	8.43	218.7	9.20	232.6	9.97	260.5	11.36	289.7	13.03
	85	147.6	6.04	175.5	7.41	204.8	8.98	218.7	9.80	232.6	10.74	260.5	12.10	289.7	13.58
	90	147.6	6.78	175.5	8.37	204.8	10.16	218.7	11.09	232.6	12.14	260.5	13.49	289.7	14.74
	95	147.6	7.17	175.5	8.90	204.8	10.82	**218.7**	**11.83**	232.6	12.88	260.5	14.18	289.7	15.18
	100	147.6	7.74	175.5	9.61	204.8	11.67	218.7	12.77	232.6	13.26	260.5	14.85	289.7	15.61
	105	147.6	8.78	175.5	10.95	204.8	12.87	218.7	13.62	232.6	14.41	260.5	15.64	289.7	16.53
	110	147.6	9.89	175.5	12.41	204.8	13.62	218.7	14.44	232.6	15.62	260.5	16.29	281.4	17.77
	115	147.6	10.63	175.5	13.23	204.8	14.09	218.7	15.27	232.6	16.08	260.5	16.78	265.2	18.92
	118	147.6	11.28	175.5	14.06	204.8	14.97	218.7	16.18	211.7	16.08	218.4	14.24	216.5	16.05
	122	147.6	12.17	175.5	15.23	182.7	14.29	174.7	13.30	169.5	12.17	175.4	10.79	174.3	12.20
60%	-9.9	126.8	2.86	150.4	3.32	175.5	3.89	186.6	4.16	199.2	4.48	224.3	5.07	247.9	5.67
	-5	126.8	3.02	150.4	3.50	175.5	4.11	186.6	4.39	199.2	4.73	224.3	5.35	247.9	5.98
	0	126.8	3.14	150.4	3.64	175.5	4.27	186.6	4.57	199.2	4.92	224.3	5.57	247.9	6.22
	5	126.8	3.25	150.4	3.77	175.5	4.43	186.6	4.73	199.2	5.10	224.3	5.77	247.9	6.45
	10	126.8	3.34	150.4	3.88	175.5	4.56	186.6	4.87	199.2	5.24	224.3	5.94	247.9	6.64
	14	126.8	3.47	150.4	4.02	175.5	4.72	186.6	5.05	199.2	5.43	224.3	6.15	247.9	6.88
	20	126.8	3.57	150.4	4.17	175.5	4.87	186.6	5.22	199.2	5.61	224.3	6.35	247.9	7.12
	25	126.8	3.66	150.4	4.29	175.5	5.00	186.6	5.37	199.2	5.75	224.3	6.52	247.9	7.31
	30	126.8	3.74	150.4	4.41	175.5	5.13	186.6	5.51	199.2	5.90	224.3	6.69	247.9	7.51
	35	126.8	3.84	150.4	4.53	175.5	5.26	186.6	5.65	199.2	6.05	224.3	6.86	247.9	7.71
	40	126.8	3.94	150.4	4.64	175.5	5.40	186.6	5.80	199.2	6.21	224.3	7.04	247.9	7.91
	45	126.8	3.97	150.4	4.69	175.5	5.44	186.6	5.85	199.2	6.27	224.3	7.10	247.9	7.97
	50	126.8	4.01	150.4	4.72	175.5	5.49	186.6	5.90	199.2	6.32	224.3	7.17	247.9	8.05
	55	126.8	4.06	150.4	4.81	175.5	5.60	186.6	6.01	199.2	6.43	224.3	7.30	247.9	8.18
	60	126.8	4.20	150.4	4.97	175.5	5.79	186.6	6.23	199.2	6.67	224.3	7.55	247.9	8.51
	65	126.8	4.26	150.4	5.05	175.5	5.90	186.6	6.34	199.2	6.78	224.3	7.72	247.9	8.68
	70	126.8	4.37	150.4	5.19	175.5	6.07	186.6	6.51	199.2	6.97	224.3	7.94	247.9	9.01
	75	126.8	4.45	150.4	5.27	175.5	6.18	186.6	6.64	199.2	7.19	224.3	8.40	247.9	9.59
	80	126.8	4.72	150.4	5.77	175.5	6.92	186.6	7.55	199.2	8.18	224.3	9.41	247.9	10.84
	85	126.8	5.02	150.4	6.12	175.5	7.36	186.6	8.05	199.2	8.76	224.3	9.91	247.9	11.19
	90	126.8	5.63	150.4	6.92	175.5	8.32	186.6	9.09	199.2	9.84	224.3	11.08	247.9	12.20
	95	126.8	5.96	150.4	7.33	175.5	8.84	**186.6**	**9.69**	199.2	10.42	224.3	11.58	247.9	12.85
	100	126.8	6.40	150.4	7.88	175.5	9.53	186.6	10.43	199.2	10.89	224.3	12.28	247.9	13.40
	105	126.8	7.28	150.4	8.98	175.5	10.52	186.6	11.13	199.2	11.84	224.3	13.05	247.9	14.61
	110	126.8	8.18	150.4	10.19	175.5	11.35	186.6	11.81	199.2	12.80	224.3	13.95	247.9	15.94
	115	126.8	8.76	150.4	10.87	175.5	11.79	186.6	12.49	199.2	13.25	224.3	14.75	247.9	17.03
	118	126.8	9.27	150.4	11.53	175.5	12.52	186.6	13.27	199.2	14.10	218.4	14.24	216.5	16.05
	122	126.8	10.00	150.4	12.47	175.5	13.56	174.3	13.46	168.7	12.47	175.4	10.79	174.3	12.20

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Cooling Capacity ARUN312BTE4, ARUN312DTE4 / ARUB312BTE4, ARUB312DTE4

312,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
50%	-9.9	105.3	2.46	125.4	2.89	146.3	3.24	156.0	3.49	165.8	3.75	186.6	4.16	206.1	4.62
	-5	105.3	2.59	125.4	3.05	146.3	3.41	156.0	3.68	165.8	3.96	186.6	4.39	206.1	4.87
	0	105.3	2.70	125.4	3.17	146.3	3.55	156.0	3.83	165.8	4.12	186.6	4.57	206.1	5.07
	5	105.3	2.79	125.4	3.29	146.3	3.68	156.0	3.97	165.8	4.27	186.6	4.74	206.1	5.25
	10	105.3	2.87	125.4	3.38	146.3	3.79	156.0	4.08	165.8	4.39	186.6	4.87	206.1	5.40
	14	105.3	2.98	125.4	3.51	146.3	3.92	156.0	4.23	165.8	4.55	186.6	5.05	206.1	5.60
	20	105.3	3.09	125.4	3.62	146.3	4.09	156.0	4.38	165.8	4.70	186.6	5.23	206.1	5.81
	25	105.3	3.18	125.4	3.71	146.3	4.22	156.0	4.51	165.8	4.82	186.6	5.39	206.1	5.99
	30	105.3	3.28	125.4	3.80	146.3	4.36	156.0	4.63	165.8	4.95	186.6	5.54	206.1	6.17
	35	105.3	3.36	125.4	3.89	146.3	4.47	156.0	4.76	165.8	5.08	186.6	5.69	206.1	6.33
	40	105.3	3.45	125.4	4.00	146.3	4.58	156.0	4.88	165.8	5.21	186.6	5.83	206.1	6.49
	45	105.3	3.50	125.4	4.05	146.3	4.65	156.0	4.94	165.8	5.28	186.6	5.91	206.1	6.58
	50	105.3	3.55	125.4	4.11	146.3	4.72	156.0	5.02	165.8	5.36	186.6	6.00	206.1	6.68
	55	105.3	3.62	125.4	4.19	146.3	4.79	156.0	5.09	165.8	5.43	186.6	6.11	206.1	6.79
	60	105.3	3.70	125.4	4.30	146.3	4.94	156.0	5.28	165.8	5.62	186.6	6.30	206.1	7.06
	65	105.3	3.74	125.4	4.38	146.3	5.02	156.0	5.36	165.8	5.70	186.6	6.41	206.1	7.17
	70	105.3	3.85	125.4	4.45	146.3	5.13	156.0	5.51	165.8	5.85	186.6	6.60	206.1	7.39
	75	105.3	3.89	125.4	4.53	146.3	5.24	156.0	5.58	165.8	5.96	186.6	6.72	206.1	7.55
	80	105.3	4.00	125.4	4.79	146.3	5.62	156.0	6.07	165.8	6.53	186.6	7.51	206.1	8.56
	85	105.3	4.26	125.4	5.06	146.3	5.96	156.0	6.45	165.8	6.94	186.6	8.00	206.1	9.13
	90	105.3	4.75	125.4	5.66	146.3	6.72	156.0	7.24	165.8	7.81	186.6	9.02	206.1	10.34
	95	105.3	5.02	125.4	6.00	146.3	7.09	**156.0**	**7.70**	165.8	8.30	186.6	9.58	206.1	10.98
	100	105.3	5.28	125.4	6.34	146.3	7.51	156.0	8.15	165.8	8.79	186.6	10.19	206.1	11.66
	105	105.3	5.77	125.4	7.00	146.3	8.30	156.0	9.00	165.8	9.73	186.6	11.29	206.1	12.97
	110	105.3	6.38	125.4	7.73	146.3	9.21	156.0	10.00	165.8	10.83	186.6	12.60	206.1	14.49
	115	105.3	6.83	125.4	8.30	146.3	9.89	156.0	10.75	165.8	11.66	186.6	13.58	206.1	15.62
	118	105.3	7.38	125.4	9.00	146.3	10.74	156.0	11.69	165.8	12.69	186.6	14.24	206.1	16.05
	122	105.3	8.14	125.4	9.95	146.3	11.88	156.0	12.98	165.8	12.47	175.4	10.79	174.3	12.20

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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PERFORMANCE DATA

ARUN336BTE4, ARUN336DTE4 / ARUB336BTE4, ARUB336DTE4 Cooling Capacity

336,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
130%	-9.9	305.5	6.78	362.9	8.22	421.9	9.76	437.4	10.53	443.6	11.36	459.0	13.02	470.0	13.46
	-5	305.5	7.15	362.9	8.68	421.9	10.30	437.4	11.11	443.6	11.99	459.0	13.74	470.0	14.20
	0	305.5	7.44	362.9	9.03	421.9	10.71	437.4	11.56	443.6	12.47	459.0	14.30	470.0	14.77
	5	305.5	7.71	362.9	9.35	421.9	11.10	437.4	11.98	443.6	12.93	459.0	14.82	470.0	15.31
	10	305.5	7.93	362.9	9.62	421.9	11.42	437.4	12.33	443.6	13.30	459.0	15.24	470.0	15.75
	14	305.5	8.22	362.9	9.97	421.9	11.84	437.4	12.77	443.6	13.78	459.0	15.80	470.0	16.32
	20	305.5	8.36	362.9	10.13	421.9	12.01	437.4	12.97	443.6	13.97	459.0	16.01	470.0	16.56
	25	305.5	8.48	362.9	10.26	421.9	12.15	437.4	13.13	443.6	14.13	459.0	16.20	470.0	16.75
	30	305.5	8.59	362.9	10.40	421.9	12.30	437.4	13.29	443.6	14.29	459.0	16.38	470.0	16.95
	35	305.5	8.69	362.9	10.53	421.9	12.44	437.4	13.44	443.6	14.46	459.0	16.57	470.0	17.15
	40	305.5	8.80	362.9	10.65	421.9	12.59	437.4	13.61	443.6	14.63	459.0	16.77	470.0	17.36
	45	305.5	8.89	362.9	10.75	421.9	12.73	437.4	13.75	443.6	14.77	459.0	16.95	470.0	17.53
	50	305.5	8.98	362.9	10.86	421.9	12.85	437.4	13.89	443.6	14.93	459.0	17.12	470.0	17.71
	55	305.5	9.13	362.9	11.06	421.9	13.10	431.2	14.19	437.4	15.23	452.7	17.41	463.7	17.83
	60	305.5	9.43	362.9	11.46	415.7	13.64	421.6	14.73	426.5	15.83	441.8	17.96	452.7	18.03
	65	305.5	9.62	362.9	11.71	409.5	13.89	415.7	15.03	420.3	16.12	435.5	18.55	446.5	18.70
	70	305.5	9.26	362.9	11.25	401.7	13.84	406.4	15.23	412.6	16.71	427.7	18.57	438.6	18.75
	75	305.5	9.49	362.9	11.99	395.5	14.82	400.2	16.34	406.4	17.92	421.4	19.45	432.4	19.59
	80	305.5	10.79	362.9	13.66	384.6	16.95	389.3	18.71	395.5	20.56	410.4	21.11	421.4	21.30
	85	305.5	11.48	362.9	14.59	378.4	18.10	384.6	19.96	389.3	21.81	404.2	21.99	415.1	22.18
	90	305.5	13.01	356.7	16.58	367.6	20.56	372.2	22.73	378.4	23.52	393.2	23.71	404.2	23.94
	95	308.8	13.80	354.3	17.64	365.2	21.95	**371.5**	**24.26**	376.2	24.35	391.0	24.59	402.1	24.82
	100	308.8	14.94	348.0	19.08	359.0	23.79	365.2	25.54	369.9	25.68	386.3	25.91	397.4	26.15
	105	308.8	16.84	338.7	21.59	349.5	26.83	355.0	27.46	360.4	27.60	372.8	27.85	378.3	28.12
	110	308.8	18.90	324.6	24.33	338.2	29.27	339.2	29.41	344.2	29.51	351.5	29.80	352.8	30.09
	115	307.2	21.87	312.8	27.98	312.8	30.86	312.8	30.86	312.8	30.86	317.4	30.91	318.8	30.97
	118	267.2	18.53	272.0	23.71	272.4	25.95	272.4	26.18	272.4	26.18	276.3	26.23	275.2	26.28
	122	213.5	14.06	218.2	18.03	217.1	19.75	217.6	19.80	218.2	19.82	221.9	19.88	221.5	19.96
120%	-9.9	278.0	6.39	331.8	7.74	385.6	9.17	413.2	9.88	431.7	10.66	451.3	12.22	460.7	12.63
	-5	278.0	6.74	331.8	8.17	385.6	9.67	413.2	10.43	431.7	11.25	451.3	12.89	460.7	13.32
	0	278.0	7.01	331.8	8.50	385.6	10.06	413.2	10.85	431.7	11.70	451.3	13.41	460.7	13.86
	5	278.0	7.26	331.8	8.81	385.6	10.43	413.2	11.24	431.7	12.12	451.3	13.90	460.7	14.37
	10	278.0	7.47	331.8	9.06	385.6	10.73	413.2	11.57	431.7	12.47	451.3	14.30	460.7	14.78
	14	278.0	7.74	331.8	9.39	385.6	11.12	413.2	11.99	431.7	12.93	451.3	14.82	460.7	15.32
	20	278.0	7.87	331.8	9.53	385.6	11.28	413.2	12.17	431.7	13.11	451.3	15.03	460.7	15.54
	25	278.0	7.97	331.8	9.64	385.6	11.41	413.2	12.32	431.7	13.26	451.3	15.20	460.7	15.72
	30	278.0	8.07	331.8	9.76	385.6	11.54	413.2	12.48	431.7	13.42	451.3	15.38	460.7	15.91
	35	278.0	8.17	331.8	9.87	385.6	11.68	413.2	12.64	431.7	13.58	451.3	15.56	460.7	16.11
	40	278.0	8.27	331.8	10.01	385.6	11.83	413.2	12.79	431.7	13.75	451.3	15.76	460.7	16.31
	45	278.0	8.37	331.8	10.11	385.6	11.97	413.2	12.95	431.7	13.91	451.3	15.93	460.7	16.50
	50	278.0	8.46	331.8	10.23	385.6	12.10	413.2	13.08	431.7	14.06	451.3	16.12	460.7	16.68
	55	278.0	8.60	331.8	10.42	385.6	12.33	413.2	13.36	427.0	14.34	445.0	16.40	456.0	16.80
	60	278.0	8.88	331.8	10.79	385.6	12.85	410.2	13.88	414.8	14.90	434.0	16.91	443.4	17.21
	65	278.0	9.06	331.8	11.03	385.6	13.08	404.0	14.16	410.2	15.18	427.8	17.47	438.7	17.61
	70	278.0	8.89	331.8	10.80	385.6	13.29	396.3	14.62	400.9	16.05	419.9	17.82	429.3	18.00
	75	278.0	9.11	331.8	11.51	385.6	14.22	390.2	15.69	396.3	17.20	413.7	18.67	424.6	18.80
	80	278.0	10.36	331.8	13.11	374.8	16.27	379.4	17.96	384.0	19.74	402.7	20.27	412.1	20.45
	85	278.0	11.02	331.8	14.00	368.7	17.38	373.3	19.16	379.4	20.94	396.4	21.11	407.4	21.29
	90	278.0	12.49	331.8	15.91	357.9	19.74	362.5	21.82	367.1	22.58	385.5	22.76	394.9	22.98
	95	281.0	13.25	335.3	16.94	355.5	21.07	**360.1**	**23.29**	366.3	23.38	383.2	23.60	394.3	23.82
	100	281.0	14.34	335.3	18.32	349.3	22.84	355.5	24.51	360.1	24.65	378.4	24.88	387.9	25.10
	105	281.0	16.15	330.0	20.74	340.0	25.78	345.5	26.36	350.0	26.50	367.4	26.73	373.5	26.98
	110	281.0	18.15	321.6	23.36	332.0	28.10	333.0	28.24	337.9	28.33	348.5	28.61	349.8	28.88
	115	273.2	21.00	309.8	26.86	309.8	29.62	309.8	29.62	309.8	29.62	317.4	29.68	318.8	29.73
	118	243.9	18.53	269.4	22.76	269.7	24.91	269.7	25.13	269.7	25.13	276.4	25.18	275.2	25.22
	122	194.9	14.06	216.0	17.31	215.0	18.96	215.5	19.01	216.0	19.03	221.9	19.09	221.5	19.17

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Cooling Capacity ARUN336BTE4, ARUN336DTE4 / ARUB336BTE4, ARUB336DTE4

336,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
110%	-9.9	257.7	5.88	307.4	7.09	357.0	8.41	381.9	9.11	406.7	9.76	448.1	11.14	457.6	11.56
	-5	257.7	6.20	307.4	7.48	357.0	8.87	381.9	9.61	406.7	10.30	448.1	11.75	457.6	12.19
	0	257.7	6.45	307.4	7.78	357.0	9.23	381.9	10.00	406.7	10.72	448.1	12.23	457.6	12.68
	5	257.7	6.69	307.4	8.07	357.0	9.56	381.9	10.37	406.7	11.11	448.1	12.67	457.6	13.15
	10	257.7	6.88	307.4	8.30	357.0	9.84	381.9	10.66	406.7	11.43	448.1	13.04	457.6	13.52
	14	257.7	7.13	307.4	8.60	357.0	10.19	381.9	11.05	406.7	11.84	448.1	13.51	457.6	14.01
	20	257.7	7.23	307.4	8.74	357.0	10.35	381.9	11.20	406.7	12.02	448.1	13.74	457.6	14.23
	25	257.7	7.32	307.4	8.85	357.0	10.47	381.9	11.33	406.7	12.17	448.1	13.93	457.6	14.41
	30	257.7	7.41	307.4	8.96	357.0	10.60	381.9	11.46	406.7	12.32	448.1	14.12	457.6	14.59
	35	257.7	7.52	307.4	9.09	357.0	10.75	381.9	11.63	406.7	12.51	448.1	14.33	457.6	14.83
	40	257.7	7.62	307.4	9.22	357.0	10.91	381.9	11.79	406.7	12.67	448.1	14.53	457.6	15.01
	45	257.7	7.75	307.4	9.36	357.0	11.08	381.9	11.98	406.7	12.88	448.1	14.77	457.6	15.27
	50	257.7	7.87	307.4	9.53	357.0	11.27	381.9	12.18	406.7	13.09	448.1	15.01	457.6	15.51
	55	257.7	8.00	307.4	9.70	357.0	11.48	381.9	12.44	406.7	13.35	441.8	15.27	451.3	15.65
	60	257.7	8.26	307.4	10.05	357.0	11.96	381.9	12.92	406.7	13.88	430.7	15.75	440.2	15.89
	65	257.7	8.44	307.4	10.27	357.0	12.18	381.9	13.18	406.7	14.14	424.3	16.27	433.8	16.40
	70	257.7	8.52	307.4	10.36	357.0	12.74	381.9	14.02	398.9	15.39	416.4	17.09	425.9	17.26
	75	257.7	8.74	307.4	11.04	357.0	13.64	381.9	15.05	392.7	16.49	410.1	17.90	419.6	18.03
	80	255.1	9.93	304.2	12.57	353.4	15.60	373.4	17.22	378.0	18.92	394.9	19.44	404.3	19.61
	85	255.1	10.57	304.2	13.43	353.4	16.66	367.2	18.37	371.8	20.07	388.7	20.25	398.1	20.42
	90	255.1	11.98	304.2	15.26	351.9	18.92	356.5	20.93	361.1	21.65	377.7	21.82	387.1	22.04
	95	255.1	12.70	304.2	16.24	345.7	20.20	**350.3**	**22.33**	354.9	22.42	371.4	22.63	380.8	22.84
	100	255.1	13.75	304.2	17.56	341.1	21.90	345.7	23.51	350.3	23.63	366.7	23.85	376.1	24.07
	105	255.1	15.50	304.2	19.87	330.5	24.71	335.0	25.29	339.6	25.41	355.9	25.64	365.0	25.88
	110	255.1	17.40	304.2	22.40	320.2	26.94	321.2	27.08	325.9	27.17	336.1	27.43	337.4	27.69
	115	255.1	20.14	304.2	25.76	306.6	28.40	306.6	28.40	308.0	28.40	314.2	28.45	315.6	28.51
	118	246.5	18.35	264.5	21.82	267.0	23.88	267.0	24.10	268.2	24.10	273.5	24.14	272.4	24.19
	122	196.9	13.92	212.2	16.59	212.8	18.18	213.3	18.23	214.8	18.25	219.6	18.30	219.3	18.38
100%	-9.9	226.5	5.17	270.0	6.24	313.5	7.40	336.0	8.06	369.3	8.72	414.1	10.06	437.2	10.48
	-5	226.5	5.46	270.0	6.58	313.5	7.80	336.0	8.50	369.3	9.20	414.1	10.62	437.2	11.06
	0	226.5	5.68	270.0	6.85	313.5	8.12	336.0	8.85	369.3	9.57	414.1	11.04	437.2	11.50
	5	226.5	5.88	270.0	7.10	313.5	8.41	336.0	9.17	369.3	9.92	414.1	11.45	437.2	11.92
	10	226.5	6.05	270.0	7.30	313.5	8.66	336.0	9.43	369.3	10.21	414.1	11.78	437.2	12.26
	14	226.5	6.27	270.0	7.57	313.5	8.97	336.0	9.77	369.3	10.58	414.1	12.20	437.2	12.71
	20	226.5	6.47	270.0	7.81	313.5	9.25	336.0	10.05	369.3	10.91	414.1	12.56	437.2	13.07
	25	226.5	6.63	270.0	8.02	313.5	9.49	336.0	10.28	369.3	11.19	414.1	12.85	437.2	13.37
	30	226.5	6.80	270.0	8.22	313.5	9.73	336.0	10.52	369.3	11.47	414.1	13.15	437.2	13.68
	35	226.5	6.90	270.0	8.36	313.5	9.88	336.0	10.69	369.3	11.66	414.1	13.37	437.2	13.90
	40	226.5	7.02	270.0	8.49	313.5	10.04	336.0	10.85	369.3	11.84	414.1	13.58	437.2	14.12
	45	226.5	7.17	270.0	8.68	313.5	10.24	336.0	11.09	369.3	12.08	414.1	13.86	437.2	14.41
	50	226.5	7.31	270.0	8.84	313.5	10.46	336.0	11.31	369.3	12.34	414.1	14.14	437.2	14.70
	55	226.5	7.43	270.0	9.01	313.5	10.66	336.0	11.55	369.3	12.58	414.1	14.39	432.6	14.92
	60	226.5	7.67	270.0	9.33	313.5	11.10	336.0	11.99	369.3	13.07	412.5	14.84	420.2	15.19
	65	226.5	7.83	270.0	9.53	313.5	11.31	336.0	12.24	369.3	13.32	406.3	15.33	415.6	15.63
	70	226.5	8.08	270.0	9.81	313.5	12.07	336.0	13.29	369.3	14.80	398.6	16.44	406.3	16.72
	75	226.5	8.28	270.0	10.46	313.5	12.92	336.0	14.25	369.3	15.86	392.4	17.21	401.7	17.42
	80	226.5	9.41	270.0	11.91	313.5	14.78	336.0	16.31	369.3	18.20	381.6	18.69	389.3	18.95
	85	226.5	10.01	270.0	12.72	313.5	15.79	336.0	17.40	367.7	19.31	375.4	19.47	384.7	19.73
	90	226.5	11.35	270.0	14.46	313.5	17.93	336.0	19.83	355.3	20.82	364.6	20.99	372.3	21.29
	95	226.5	12.03	270.0	15.39	313.5	19.14	**336.0**	**21.16**	350.7	21.56	358.4	21.76	367.7	22.08
	100	226.5	13.00	270.0	16.60	313.5	20.70	330.0	22.22	344.7	22.68	353.7	22.89	361.7	23.21
	105	226.5	14.60	270.0	18.71	311.8	23.28	320.9	23.81	334.3	24.29	343.1	24.50	351.5	24.84
	110	226.5	16.32	270.0	21.00	308.2	25.27	315.2	25.39	321.5	25.86	326.6	26.11	332.6	26.49
	115	226.5	18.75	270.0	23.98	293.3	26.45	302.4	26.45	310.0	26.85	312.9	26.90	314.2	27.08
	118	226.5	18.91	236.8	22.50	255.4	22.24	263.3	22.44	269.9	22.78	272.4	22.82	271.3	22.97
	122	193.8	17.12	189.9	17.11	203.6	16.93	210.4	16.97	216.2	17.25	218.7	17.30	218.4	17.46

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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PERFORMANCE DATA

ARUN336BTE4, ARUN336DTE4 / ARUB336BTE4, ARUB336DTE4 Cooling Capacity

336,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
90%	-9.9	204.0	4.61	243.0	5.53	283.5	6.53	303.0	7.02	322.5	7.51	361.5	8.64	400.5	9.49
	-5	204.0	4.87	243.0	5.83	283.5	6.89	303.0	7.41	322.5	7.92	361.5	9.12	400.5	10.01
	0	204.0	5.06	243.0	6.07	283.5	7.17	303.0	7.71	322.5	8.24	361.5	9.49	400.5	10.42
	5	204.0	5.25	243.0	6.29	283.5	7.43	303.0	7.99	322.5	8.54	361.5	9.83	400.5	10.80
	10	204.0	5.40	243.0	6.47	283.5	7.64	303.0	8.22	322.5	8.78	361.5	10.12	400.5	11.11
	14	204.0	5.60	243.0	6.71	283.5	7.92	303.0	8.52	322.5	9.10	361.5	10.48	400.5	11.51
	20	204.0	5.80	243.0	6.96	283.5	8.22	303.0	8.85	322.5	9.48	361.5	10.86	400.5	11.95
	25	204.0	5.97	243.0	7.17	283.5	8.46	303.0	9.12	322.5	9.80	361.5	11.17	400.5	12.32
	30	204.0	6.14	243.0	7.39	283.5	8.71	303.0	9.39	322.5	10.11	361.5	11.49	400.5	12.68
	35	204.0	6.33	243.0	7.62	283.5	8.97	303.0	9.67	322.5	10.41	361.5	11.83	400.5	13.08
	40	204.0	6.51	243.0	7.84	283.5	9.24	303.0	9.97	322.5	10.73	361.5	12.19	400.5	13.46
	45	204.0	6.67	243.0	8.02	283.5	9.46	303.0	10.20	322.5	10.98	361.5	12.46	400.5	13.78
	50	204.0	6.81	243.0	8.20	283.5	9.67	303.0	10.43	322.5	11.22	361.5	12.75	400.5	14.07
	55	204.0	6.89	243.0	8.32	283.5	9.84	303.0	10.64	322.5	11.43	361.5	13.00	400.5	14.21
	60	204.0	7.15	243.0	8.66	283.5	10.21	303.0	11.06	322.5	11.90	361.5	13.50	397.1	14.37
	65	204.0	7.27	243.0	8.83	283.5	10.43	303.0	11.27	322.5	12.11	361.5	13.75	394.5	15.09
	70	204.0	7.48	243.0	9.08	283.5	10.80	303.0	11.90	322.5	12.99	361.5	15.34	387.0	16.21
	75	204.0	7.61	243.0	9.50	283.5	11.56	303.0	12.74	322.5	13.96	361.5	16.00	381.0	16.93
	80	204.0	8.53	243.0	10.76	283.5	13.20	303.0	14.54	322.5	15.93	361.5	17.69	370.5	18.41
	85	204.0	9.08	243.0	11.48	283.5	14.12	303.0	15.51	322.5	17.02	357.0	18.63	364.5	19.17
	90	204.0	10.26	243.0	12.99	283.5	16.02	303.0	17.66	322.5	19.38	346.5	20.39	354.0	20.69
	95	204.0	10.93	243.0	13.79	283.5	17.07	**303.0**	**18.83**	322.5	20.68	340.5	21.16	348.0	21.45
	100	204.0	11.29	243.0	14.37	283.5	17.78	303.0	19.58	322.5	21.14	336.0	22.07	342.0	22.31
	105	204.0	13.08	243.0	16.67	283.5	20.10	303.0	21.44	318.9	22.66	325.6	23.66	330.0	23.95
	110	204.0	15.02	243.0	19.23	283.5	22.05	303.0	23.15	306.0	24.57	310.0	25.41	312.5	25.70
	115	204.0	16.27	243.0	20.84	265.5	23.22	287.3	24.22	291.4	25.36	294.1	25.91	295.4	26.25
	118	204.0	17.28	236.8	22.50	231.2	19.53	250.1	20.55	253.7	21.52	256.1	21.99	255.0	22.27
	122	193.8	17.12	189.9	17.11	184.2	14.87	199.9	15.54	203.2	16.29	205.6	16.67	205.3	16.92
80%	-9.9	181.5	4.00	216.0	4.81	252.0	5.59	268.5	6.07	286.5	6.55	321.0	7.48	355.5	8.33
	-5	181.5	4.22	216.0	5.08	252.0	5.90	268.5	6.41	286.5	6.91	321.0	7.89	355.5	8.79
	0	181.5	4.39	216.0	5.28	252.0	6.14	268.5	6.67	286.5	7.19	321.0	8.21	355.5	9.14
	5	181.5	4.55	216.0	5.48	252.0	6.36	268.5	6.91	286.5	7.45	321.0	8.50	355.5	9.47
	10	181.5	4.68	216.0	5.63	252.0	6.54	268.5	7.11	286.5	7.66	321.0	8.75	355.5	9.75
	14	181.5	4.85	216.0	5.84	252.0	6.78	268.5	7.36	286.5	7.94	321.0	9.07	355.5	10.10
	20	181.5	5.03	216.0	6.05	252.0	7.05	268.5	7.64	286.5	8.21	321.0	9.40	355.5	10.49
	25	181.5	5.18	216.0	6.22	252.0	7.28	268.5	7.87	286.5	8.44	321.0	9.67	355.5	10.81
	30	181.5	5.34	216.0	6.39	252.0	7.51	268.5	8.10	286.5	8.67	321.0	9.94	355.5	11.14
	35	181.5	5.48	216.0	6.58	252.0	7.72	268.5	8.32	286.5	8.91	321.0	10.22	355.5	11.45
	40	181.5	5.63	216.0	6.75	252.0	7.92	268.5	8.55	286.5	9.15	321.0	10.49	355.5	11.75
	45	181.5	5.71	216.0	6.83	252.0	8.04	268.5	8.68	286.5	9.27	321.0	10.64	355.5	11.91
	50	181.5	5.79	216.0	6.94	252.0	8.14	268.5	8.79	286.5	9.40	321.0	10.79	355.5	12.08
	55	181.5	5.88	216.0	7.05	252.0	8.29	268.5	8.93	286.5	9.58	321.0	10.99	355.5	12.28
	60	181.5	6.08	216.0	7.29	252.0	8.58	268.5	9.26	286.5	9.96	321.0	11.37	355.5	12.78
	65	181.5	6.17	216.0	7.44	252.0	8.76	268.5	9.43	286.5	10.17	321.0	11.58	355.5	13.08
	70	181.5	6.35	216.0	7.64	252.0	9.02	268.5	9.73	286.5	10.58	321.0	12.49	355.5	14.46
	75	181.5	6.47	216.0	7.79	252.0	9.46	268.5	10.37	286.5	11.29	321.0	13.28	355.5	15.25
	80	181.5	7.08	216.0	8.85	252.0	10.79	268.5	11.78	286.5	12.87	321.0	15.28	355.5	17.03
	85	181.5	7.55	216.0	9.40	252.0	11.49	268.5	12.58	286.5	13.78	321.0	16.28	355.5	17.47
	90	181.5	8.49	216.0	10.67	252.0	12.99	268.5	14.28	286.5	15.66	321.0	17.90	349.7	18.52
	95	181.5	9.02	216.0	11.29	252.0	13.87	**268.5**	**15.16**	286.5	16.66	321.0	18.52	342.2	19.02
	100	181.5	9.73	216.0	12.17	252.0	14.96	268.5	16.25	286.5	17.33	321.0	19.28	334.5	19.64
	105	181.5	11.09	216.0	13.92	252.0	16.65	268.5	17.44	286.5	18.58	317.2	20.04	324.9	20.61
	110	181.5	12.58	216.0	15.87	252.0	17.67	268.5	18.62	286.5	20.01	306.0	20.78	307.5	21.67
	115	181.5	13.46	216.0	16.96	252.0	18.26	268.5	19.57	268.5	20.48	270.1	21.25	270.1	22.54
	118	181.5	14.29	216.0	18.02	231.2	19.53	235.8	18.58	233.8	17.38	235.2	18.03	233.2	19.12
	122	181.5	15.45	190.6	17.00	184.2	14.87	188.4	14.05	187.3	13.16	188.9	13.67	187.7	14.53

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Cooling Capacity ARUN336BTE4, ARUN336DTE4 / ARUB336BTE4, ARUB336DTE4

336,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
70%	-9.9	159.0	3.53	189.0	4.19	220.5	4.94	235.5	5.28	250.5	5.63	280.5	6.45	312.0	7.22
	-5	159.0	3.72	189.0	4.42	220.5	5.21	235.5	5.57	250.5	5.94	280.5	6.80	312.0	7.61
	0	159.0	3.87	189.0	4.60	220.5	5.42	235.5	5.80	250.5	6.18	280.5	7.08	312.0	7.92
	5	159.0	4.01	189.0	4.77	220.5	5.61	235.5	6.01	250.5	6.40	280.5	7.33	312.0	8.21
	10	159.0	4.13	189.0	4.91	220.5	5.78	235.5	6.18	250.5	6.59	280.5	7.54	312.0	8.44
	14	159.0	4.28	189.0	5.09	220.5	5.99	235.5	6.41	250.5	6.83	280.5	7.82	312.0	8.75
	20	159.0	4.43	189.0	5.25	220.5	6.17	235.5	6.62	250.5	7.06	280.5	8.07	312.0	9.04
	25	159.0	4.55	189.0	5.40	220.5	6.33	235.5	6.79	250.5	7.26	280.5	8.27	312.0	9.29
	30	159.0	4.67	189.0	5.54	220.5	6.48	235.5	6.97	250.5	7.45	280.5	8.48	312.0	9.53
	35	159.0	4.80	189.0	5.69	220.5	6.67	235.5	7.15	250.5	7.66	280.5	8.70	312.0	9.80
	40	159.0	4.92	189.0	5.83	220.5	6.83	235.5	7.34	250.5	7.85	280.5	8.93	312.0	10.04
	45	159.0	4.99	189.0	5.92	220.5	6.94	235.5	7.47	250.5	7.98	280.5	9.08	312.0	10.20
	50	159.0	5.08	189.0	6.02	220.5	7.05	235.5	7.58	250.5	8.11	280.5	9.23	312.0	10.37
	55	159.0	5.17	189.0	6.14	220.5	7.17	235.5	7.70	250.5	8.26	280.5	9.40	312.0	10.58
	60	159.0	5.32	189.0	6.35	220.5	7.44	235.5	7.99	250.5	8.55	280.5	9.76	312.0	10.99
	65	159.0	5.41	189.0	6.47	220.5	7.55	235.5	8.14	250.5	8.73	280.5	9.93	312.0	11.17
	70	159.0	5.55	189.0	6.64	220.5	7.79	235.5	8.38	250.5	8.99	280.5	10.29	312.0	11.87
	75	159.0	5.64	189.0	6.76	220.5	7.94	235.5	8.67	250.5	9.40	280.5	10.99	312.0	12.57
	80	159.0	6.08	189.0	7.46	220.5	9.02	235.5	9.85	250.5	10.67	280.5	12.16	312.0	13.94
	85	159.0	6.47	189.0	7.94	220.5	9.61	235.5	10.49	250.5	11.49	280.5	12.95	312.0	14.54
	90	159.0	7.26	189.0	8.96	220.5	10.87	235.5	11.87	250.5	12.99	280.5	14.44	312.0	15.78
	95	159.0	7.67	189.0	9.52	220.5	11.58	**235.5**	**12.67**	250.5	13.78	280.5	15.18	312.0	16.25
	100	159.0	8.29	189.0	10.29	220.5	12.49	235.5	13.67	250.5	14.19	280.5	15.89	312.0	16.71
	105	159.0	9.40	189.0	11.72	220.5	13.78	235.5	14.58	250.5	15.43	280.5	16.74	312.0	17.69
	110	159.0	10.58	189.0	13.28	220.5	14.58	235.5	15.46	250.5	16.72	280.5	17.43	303.0	19.02
	115	159.0	11.37	189.0	14.17	220.5	15.08	235.5	16.34	250.5	17.21	280.5	17.96	285.6	20.25
	118	159.0	12.08	189.0	15.05	220.5	16.02	235.5	17.32	227.9	17.21	235.2	15.24	233.2	17.18
	122	159.0	13.03	189.0	16.30	196.8	15.29	188.2	14.24	182.6	13.03	188.9	11.55	187.7	13.05
60%	-9.9	136.5	3.06	162.0	3.55	189.0	4.17	201.0	4.45	214.5	4.79	241.5	5.43	267.0	6.07
	-5	136.5	3.23	162.0	3.75	189.0	4.40	201.0	4.70	214.5	5.06	241.5	5.73	267.0	6.40
	0	136.5	3.36	162.0	3.90	189.0	4.57	201.0	4.89	214.5	5.26	241.5	5.96	267.0	6.66
	5	136.5	3.48	162.0	4.04	189.0	4.74	201.0	5.07	214.5	5.45	241.5	6.18	267.0	6.90
	10	136.5	3.58	162.0	4.16	189.0	4.88	201.0	5.21	214.5	5.61	241.5	6.35	267.0	7.10
	14	136.5	3.71	162.0	4.31	189.0	5.05	201.0	5.40	214.5	5.81	241.5	6.58	267.0	7.36
	20	136.5	3.82	162.0	4.46	189.0	5.22	201.0	5.59	214.5	6.00	241.5	6.80	267.0	7.62
	25	136.5	3.91	162.0	4.59	189.0	5.35	201.0	5.74	214.5	6.16	241.5	6.98	267.0	7.83
	30	136.5	4.01	162.0	4.72	189.0	5.49	201.0	5.90	214.5	6.31	241.5	7.16	267.0	8.04
	35	136.5	4.11	162.0	4.85	189.0	5.63	201.0	6.05	214.5	6.47	241.5	7.34	267.0	8.25
	40	136.5	4.22	162.0	4.97	189.0	5.78	201.0	6.21	214.5	6.64	241.5	7.54	267.0	8.46
	45	136.5	4.25	162.0	5.01	189.0	5.82	201.0	6.26	214.5	6.71	241.5	7.60	267.0	8.53
	50	136.5	4.29	162.0	5.05	189.0	5.88	201.0	6.32	214.5	6.76	241.5	7.67	267.0	8.61
	55	136.5	4.35	162.0	5.14	189.0	6.00	201.0	6.44	214.5	6.88	241.5	7.82	267.0	8.76
	60	136.5	4.50	162.0	5.32	189.0	6.20	201.0	6.67	214.5	7.14	241.5	8.08	267.0	9.11
	65	136.5	4.56	162.0	5.41	189.0	6.32	201.0	6.79	214.5	7.26	241.5	8.26	267.0	9.29
	70	136.5	4.67	162.0	5.55	189.0	6.49	201.0	6.97	214.5	7.46	241.5	8.49	267.0	9.64
	75	136.5	4.76	162.0	5.64	189.0	6.61	201.0	7.11	214.5	7.70	241.5	8.99	267.0	10.27
	80	136.5	5.05	162.0	6.17	189.0	7.41	201.0	8.08	214.5	8.76	241.5	10.07	267.0	11.60
	85	136.5	5.38	162.0	6.55	189.0	7.88	201.0	8.61	214.5	9.38	241.5	10.61	267.0	11.97
	90	136.5	6.02	162.0	7.41	189.0	8.90	201.0	9.73	214.5	10.53	241.5	11.86	267.0	13.06
	95	136.5	6.38	162.0	7.85	189.0	9.46	**201.0**	**10.37**	214.5	11.15	241.5	12.40	267.0	13.75
	100	136.5	6.85	162.0	8.43	189.0	10.20	201.0	11.17	214.5	11.65	241.5	13.15	267.0	14.34
	105	136.5	7.79	162.0	9.61	189.0	11.26	201.0	11.91	214.5	12.67	241.5	13.97	267.0	15.64
	110	136.5	8.76	162.0	10.90	189.0	12.14	201.0	12.64	214.5	13.70	241.5	14.94	267.0	17.06
	115	136.5	9.38	162.0	11.64	189.0	12.62	201.0	13.37	214.5	14.18	241.5	15.79	267.0	18.23
	118	136.5	9.93	162.0	12.34	189.0	13.40	201.0	14.21	214.5	15.09	235.2	15.24	233.2	17.18
	122	136.5	10.70	162.0	13.35	189.0	14.52	187.7	14.41	181.7	13.35	188.9	11.55	187.7	13.05

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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ARUN336BTE4, ARUN336DTE4 / ARUB336BTE4, ARUB336DTE4 Cooling Capacity

336,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
50%	-9.9	113.4	2.63	135.0	3.09	157.5	3.46	168.0	3.73	178.5	4.02	201.0	4.46	222.0	4.94
	-5	113.4	2.77	135.0	3.26	157.5	3.65	168.0	3.94	178.5	4.24	201.0	4.70	222.0	5.21
	0	113.4	2.89	135.0	3.40	157.5	3.80	168.0	4.10	178.5	4.41	201.0	4.89	222.0	5.42
	5	113.4	2.99	135.0	3.52	157.5	3.94	168.0	4.24	178.5	4.57	201.0	5.07	222.0	5.62
	10	113.4	3.08	135.0	3.62	157.5	4.05	168.0	4.37	178.5	4.70	201.0	5.22	222.0	5.78
	14	113.4	3.19	135.0	3.75	157.5	4.20	168.0	4.53	178.5	4.87	201.0	5.41	222.0	5.99
	20	113.4	3.31	135.0	3.87	157.5	4.37	168.0	4.69	178.5	5.03	201.0	5.60	222.0	6.22
	25	113.4	3.41	135.0	3.97	157.5	4.52	168.0	4.82	178.5	5.16	201.0	5.77	222.0	6.41
	30	113.4	3.51	135.0	4.07	157.5	4.66	168.0	4.96	178.5	5.30	201.0	5.93	222.0	6.60
	35	113.4	3.60	135.0	4.17	157.5	4.78	168.0	5.10	178.5	5.44	201.0	6.09	222.0	6.77
	40	113.4	3.69	135.0	4.28	157.5	4.91	168.0	5.22	178.5	5.57	201.0	6.24	222.0	6.95
	45	113.4	3.75	135.0	4.34	157.5	4.97	168.0	5.29	178.5	5.65	201.0	6.33	222.0	7.05
	50	113.4	3.80	135.0	4.40	157.5	5.05	168.0	5.37	178.5	5.73	201.0	6.42	222.0	7.15
	55	113.4	3.88	135.0	4.48	157.5	5.13	168.0	5.45	178.5	5.81	201.0	6.54	222.0	7.27
	60	113.4	3.96	135.0	4.60	157.5	5.29	168.0	5.65	178.5	6.02	201.0	6.74	222.0	7.55
	65	113.4	4.00	135.0	4.68	157.5	5.37	168.0	5.73	178.5	6.10	201.0	6.86	222.0	7.67
	70	113.4	4.12	135.0	4.77	157.5	5.49	168.0	5.90	178.5	6.26	201.0	7.07	222.0	7.91
	75	113.4	4.16	135.0	4.85	157.5	5.61	168.0	5.98	178.5	6.38	201.0	7.19	222.0	8.08
	80	113.4	4.28	135.0	5.13	157.5	6.02	168.0	6.50	178.5	6.99	201.0	8.04	222.0	9.17
	85	113.4	4.56	135.0	5.41	157.5	6.38	168.0	6.91	178.5	7.43	201.0	8.56	222.0	9.77
	90	113.4	5.09	135.0	6.06	157.5	7.19	168.0	7.75	178.5	8.36	201.0	9.65	222.0	11.06
	95	113.4	5.37	135.0	6.42	157.5	7.59	**168.0**	**8.24**	178.5	8.88	201.0	10.26	222.0	11.75
	100	113.4	5.65	135.0	6.78	157.5	8.04	168.0	8.72	178.5	9.41	201.0	10.90	222.0	12.48
	105	113.4	6.18	135.0	7.49	157.5	8.89	168.0	9.63	178.5	10.41	201.0	12.08	222.0	13.88
	110	113.4	6.82	135.0	8.28	157.5	9.85	168.0	10.70	178.5	11.59	201.0	13.49	222.0	15.51
	115	113.4	7.31	135.0	8.88	157.5	10.58	168.0	11.51	178.5	12.48	201.0	14.54	222.0	16.72
	118	113.4	7.90	135.0	9.64	157.5	11.50	168.0	12.52	178.5	13.58	201.0	15.24	222.0	17.18
	122	113.4	8.71	135.0	10.65	157.5	12.72	168.0	13.90	178.5	13.35	188.9	11.55	187.7	13.05

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Cooling Capacity ARUN360BTE4, ARUN360DTE4 / ARUB360BTE4, ARUB360DTE4

360,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
130%	-9.9	327.4	7.44	388.9	9.03	452.0	10.72	468.6	11.56	475.3	12.47	491.8	14.30	503.5	14.77
	-5	327.4	7.85	388.9	9.53	452.0	11.31	468.6	12.20	475.3	13.16	491.8	15.09	503.5	15.59
	0	327.4	8.17	388.9	9.91	452.0	11.76	468.6	12.69	475.3	13.69	491.8	15.69	503.5	16.21
	5	327.4	8.46	388.9	10.27	452.0	12.19	468.6	13.15	475.3	14.19	491.8	16.27	503.5	16.81
	10	327.4	8.71	388.9	10.57	452.0	12.54	468.6	13.53	475.3	14.60	491.8	16.73	503.5	17.29
	14	327.4	9.02	388.9	10.95	452.0	13.00	468.6	14.02	475.3	15.13	491.8	17.34	503.5	17.92
	20	327.4	9.18	388.9	11.12	452.0	13.19	468.6	14.24	475.3	15.34	491.8	17.58	503.5	18.18
	25	327.4	9.31	388.9	11.27	452.0	13.34	468.6	14.42	475.3	15.51	491.8	17.78	503.5	18.39
	30	327.4	9.43	388.9	11.41	452.0	13.50	468.6	14.59	475.3	15.69	491.8	17.98	503.5	18.61
	35	327.4	9.54	388.9	11.56	452.0	13.66	468.6	14.76	475.3	15.88	491.8	18.20	503.5	18.83
	40	327.4	9.66	388.9	11.69	452.0	13.82	468.6	14.94	475.3	16.07	491.8	18.41	503.5	19.05
	45	327.4	9.76	388.9	11.81	452.0	13.98	468.6	15.10	475.3	16.22	491.8	18.61	503.5	19.24
	50	327.4	9.86	388.9	11.93	452.0	14.11	468.6	15.25	475.3	16.39	491.8	18.79	503.5	19.44
	55	327.4	10.02	388.9	12.15	452.0	14.38	462.0	15.58	468.6	16.72	485.1	19.12	496.8	19.58
	60	327.4	10.35	388.9	12.58	445.4	14.98	451.7	16.18	457.0	17.37	473.3	19.72	485.1	19.80
	65	327.4	10.57	388.9	12.85	438.7	15.25	445.4	16.50	450.3	17.70	466.6	20.37	478.3	20.53
	70	327.4	10.17	388.9	12.35	430.4	15.20	435.4	16.72	442.0	18.35	458.2	20.38	470.0	20.59
	75	327.4	10.42	388.9	13.17	423.8	16.27	428.7	17.94	435.4	19.67	451.5	21.35	463.2	21.50
	80	327.4	11.84	388.9	15.00	412.1	18.60	417.1	20.54	423.8	22.57	439.7	23.18	451.5	23.38
	85	327.4	12.61	388.9	16.01	405.5	19.87	412.1	21.91	417.1	23.94	433.0	24.14	444.8	24.35
	90	327.4	14.28	382.2	18.20	393.8	22.57	398.8	24.96	405.5	25.82	421.3	26.03	433.0	26.28
	95	330.9	15.15	379.6	19.37	391.3	24.09	**398.0**	**26.64**	403.1	26.74	419.0	26.99	430.8	27.25
	100	330.9	16.40	372.8	20.95	384.6	26.12	391.3	28.03	396.4	28.19	413.9	28.45	425.8	28.71
	105	330.9	18.49	362.9	23.70	374.5	29.46	380.3	30.14	386.1	30.30	399.5	30.57	405.3	30.87
	110	330.9	20.75	347.8	26.71	362.4	32.13	363.5	32.29	368.8	32.40	376.6	32.72	378.0	33.03
	115	329.2	24.01	335.2	30.72	335.2	33.87	335.2	33.87	335.2	33.87	340.0	33.94	341.5	34.00
	118	286.2	20.35	291.4	26.03	291.8	28.49	291.8	28.74	291.8	28.74	296.1	28.79	294.8	28.85
	122	228.7	15.43	233.7	19.79	232.6	21.69	233.2	21.74	233.7	21.76	237.7	21.83	237.3	21.92
120%	-9.9	297.9	7.01	355.5	8.50	413.1	10.06	442.7	10.85	462.5	11.70	483.5	13.41	493.6	13.86
	-5	297.9	7.40	355.5	8.97	413.1	10.62	442.7	11.45	462.5	12.35	483.5	14.15	493.6	14.63
	0	297.9	7.69	355.5	9.33	413.1	11.04	442.7	11.91	462.5	12.84	483.5	14.72	493.6	15.22
	5	297.9	7.97	355.5	9.67	413.1	11.45	442.7	12.34	462.5	13.31	483.5	15.26	493.6	15.77
	10	297.9	8.20	355.5	9.95	413.1	11.78	442.7	12.70	462.5	13.69	483.5	15.70	493.6	16.23
	14	297.9	8.50	355.5	10.31	413.1	12.20	442.7	13.16	462.5	14.19	483.5	16.27	493.6	16.81
	20	297.9	8.63	355.5	10.46	413.1	12.38	442.7	13.36	462.5	14.39	483.5	16.50	493.6	17.06
	25	297.9	8.75	355.5	10.59	413.1	12.53	442.7	13.53	462.5	14.56	483.5	16.69	493.6	17.26
	30	297.9	8.86	355.5	10.72	413.1	12.67	442.7	13.70	462.5	14.73	483.5	16.88	493.6	17.47
	35	297.9	8.97	355.5	10.84	413.1	12.82	442.7	13.88	462.5	14.91	483.5	17.08	493.6	17.68
	40	297.9	9.08	355.5	10.98	413.1	12.99	442.7	14.04	462.5	15.10	483.5	17.30	493.6	17.91
	45	297.9	9.19	355.5	11.10	413.1	13.14	442.7	14.21	462.5	15.27	483.5	17.49	493.6	18.11
	50	297.9	9.28	355.5	11.23	413.1	13.28	442.7	14.36	462.5	15.44	483.5	17.69	493.6	18.31
	55	297.9	9.44	355.5	11.44	413.1	13.54	442.7	14.67	457.6	15.75	476.8	18.00	488.5	18.45
	60	297.9	9.74	355.5	11.85	413.1	14.10	439.4	15.23	444.4	16.36	465.0	18.57	475.1	18.89
	65	297.9	9.95	355.5	12.10	413.1	14.36	432.9	15.54	439.4	16.67	458.3	19.18	470.1	19.34
	70	297.9	9.76	355.5	11.86	413.1	14.59	424.6	16.05	429.6	17.62	449.9	19.57	460.0	19.76
	75	297.9	10.00	355.5	12.64	413.1	15.62	418.1	17.23	424.6	18.88	443.2	20.50	455.0	20.64
	80	297.9	11.37	355.5	14.40	401.6	17.86	406.5	19.71	411.5	21.67	431.4	22.25	441.5	22.45
	85	297.9	12.10	355.5	15.37	395.0	19.08	399.9	21.03	406.5	22.98	424.7	23.18	436.5	23.37
	90	297.9	13.71	355.5	17.47	383.5	21.67	388.4	23.96	393.4	24.79	413.0	24.98	423.1	25.23
	95	301.0	14.54	359.3	18.59	380.9	23.13	**385.9**	**25.57**	392.5	25.67	410.5	25.91	422.4	26.16
	100	301.0	15.74	359.3	20.11	374.2	25.07	380.9	26.91	385.9	27.06	405.5	27.31	415.6	27.56
	105	301.0	17.73	353.5	22.77	364.3	28.30	370.1	28.93	375.0	29.09	393.6	29.34	400.2	29.62
	110	301.0	19.92	344.5	25.64	355.7	30.85	356.8	31.00	362.1	31.10	373.3	31.41	374.8	31.71
	115	292.7	23.05	331.9	29.49	331.9	32.52	331.9	32.52	331.9	32.52	340.1	32.58	341.6	32.64
	118	261.4	20.35	288.6	24.99	289.0	27.35	289.0	27.59	289.0	27.59	296.1	27.64	294.9	27.69
	122	208.8	15.43	231.5	19.00	230.3	20.82	230.9	20.87	231.5	20.89	237.8	20.95	237.4	21.04

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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PERFORMANCE DATA

ARUN360BTE4, ARUN360DTE4 / ARUB360BTE4, ARUB360DTE4 Cooling Capacity

360,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
110%	-9.9	276.1	6.45	329.3	7.79	382.5	9.23	409.1	10.00	435.8	10.72	480.1	12.23	490.3	12.69
	-5	276.1	6.81	329.3	8.21	382.5	9.74	409.1	10.55	435.8	11.31	480.1	12.90	490.3	13.39
	0	276.1	7.08	329.3	8.54	382.5	10.13	409.1	10.98	435.8	11.76	480.1	13.42	490.3	13.92
	5	276.1	7.34	329.3	8.86	382.5	10.50	409.1	11.38	435.8	12.19	480.1	13.91	490.3	14.43
	10	276.1	7.55	329.3	9.11	382.5	10.80	409.1	11.71	435.8	12.54	480.1	14.31	490.3	14.85
	14	276.1	7.83	329.3	9.44	382.5	11.19	409.1	12.13	435.8	13.00	480.1	14.83	490.3	15.39
	20	276.1	7.94	329.3	9.59	382.5	11.36	409.1	12.30	435.8	13.20	480.1	15.08	490.3	15.62
	25	276.1	8.04	329.3	9.72	382.5	11.50	409.1	12.44	435.8	13.36	480.1	15.29	490.3	15.82
	30	276.1	8.13	329.3	9.84	382.5	11.64	409.1	12.58	435.8	13.53	480.1	15.50	490.3	16.02
	35	276.1	8.26	329.3	9.98	382.5	11.80	409.1	12.76	435.8	13.73	480.1	15.73	490.3	16.28
	40	276.1	8.37	329.3	10.12	382.5	11.97	409.1	12.94	435.8	13.91	480.1	15.95	490.3	16.48
	45	276.1	8.51	329.3	10.28	382.5	12.17	409.1	13.15	435.8	14.14	480.1	16.21	490.3	16.77
	50	276.1	8.64	329.3	10.46	382.5	12.37	409.1	13.37	435.8	14.37	480.1	16.48	490.3	17.03
	55	276.1	8.79	329.3	10.65	382.5	12.61	409.1	13.66	435.8	14.66	473.3	16.76	483.5	17.18
	60	276.1	9.07	329.3	11.03	382.5	13.13	409.1	14.18	435.8	15.23	461.4	17.29	471.6	17.44
	65	276.1	9.26	329.3	11.27	382.5	13.37	409.1	14.47	435.8	15.52	454.7	17.86	464.8	18.00
	70	276.1	9.36	329.3	11.37	382.5	13.99	409.1	15.39	427.4	16.89	446.2	18.76	456.3	18.95
	75	276.1	9.59	329.3	12.12	382.5	14.97	409.1	16.52	420.8	18.11	439.4	19.65	449.6	19.79
	80	273.3	10.90	326.0	13.80	378.6	17.13	400.0	18.90	405.0	20.78	423.1	21.34	433.2	21.52
	85	273.3	11.60	326.0	14.74	378.6	18.30	393.4	20.17	398.4	22.04	416.4	22.23	426.5	22.41
	90	273.3	13.15	326.0	16.75	377.0	20.78	381.9	22.97	386.9	23.77	404.7	23.96	414.8	24.19
	95	273.3	13.94	326.0	17.83	370.4	22.18	**375.3**	**24.52**	380.3	24.61	398.0	24.85	408.0	25.08
	100	273.3	15.09	326.0	19.28	365.5	24.04	370.4	25.80	375.3	25.95	392.9	26.19	403.0	26.42
	105	273.3	17.01	326.0	21.81	354.1	27.13	359.0	27.76	363.9	27.90	381.3	28.14	391.1	28.41
	110	273.3	19.10	326.0	24.59	343.1	29.58	344.1	29.73	349.2	29.82	360.1	30.11	361.5	30.40
	115	273.3	22.11	326.0	28.28	328.5	31.18	328.5	31.18	330.0	31.18	336.6	31.24	338.1	31.29
	118	264.1	20.14	283.4	23.96	286.0	26.22	286.0	26.46	287.3	26.46	293.1	26.51	291.9	26.55
	122	211.0	15.28	227.3	18.22	228.0	19.96	228.6	20.01	230.1	20.03	235.3	20.09	234.9	20.18
100%	-9.9	242.7	5.68	289.3	6.85	335.9	8.12	360.0	8.85	395.6	9.58	443.6	11.05	468.5	11.50
	-5	242.7	5.99	289.3	7.23	335.9	8.57	360.0	9.34	395.6	10.10	443.6	11.66	468.5	12.14
	0	242.7	6.23	289.3	7.52	335.9	8.91	360.0	9.71	395.6	10.51	443.6	12.12	468.5	12.63
	5	242.7	6.46	289.3	7.79	335.9	9.24	360.0	10.07	395.6	10.89	443.6	12.57	468.5	13.09
	10	242.7	6.65	289.3	8.02	335.9	9.50	360.0	10.35	395.6	11.21	443.6	12.93	468.5	13.46
	14	242.7	6.89	289.3	8.31	335.9	9.85	360.0	10.73	395.6	11.61	443.6	13.40	468.5	13.95
	20	242.7	7.10	289.3	8.58	335.9	10.16	360.0	11.04	395.6	11.98	443.6	13.79	468.5	14.35
	25	242.7	7.28	289.3	8.80	335.9	10.42	360.0	11.29	395.6	12.29	443.6	14.11	468.5	14.68
	30	242.7	7.46	289.3	9.03	335.9	10.68	360.0	11.54	395.6	12.60	443.6	14.44	468.5	15.01
	35	242.7	7.57	289.3	9.18	335.9	10.85	360.0	11.73	395.6	12.80	443.6	14.68	468.5	15.26
	40	242.7	7.70	289.3	9.32	335.9	11.02	360.0	11.92	395.6	13.00	443.6	14.90	468.5	15.50
	45	242.7	7.87	289.3	9.52	335.9	11.24	360.0	12.17	395.6	13.26	443.6	15.22	468.5	15.82
	50	242.7	8.02	289.3	9.71	335.9	11.48	360.0	12.41	395.6	13.54	443.6	15.52	468.5	16.14
	55	242.7	8.16	289.3	9.89	335.9	11.70	360.0	12.68	395.6	13.81	443.6	15.79	463.5	16.38
	60	242.7	8.42	289.3	10.24	335.9	12.19	360.0	13.17	395.6	14.35	442.0	16.29	450.3	16.67
	65	242.7	8.60	289.3	10.46	335.9	12.41	360.0	13.43	395.6	14.62	435.4	16.83	445.3	17.16
	70	242.7	8.87	289.3	10.77	335.9	13.26	360.0	14.59	395.6	16.24	427.1	18.04	435.4	18.36
	75	242.7	9.09	289.3	11.48	335.9	14.19	360.0	15.65	395.6	17.41	420.5	18.90	430.4	19.13
	80	242.7	10.33	289.3	13.08	335.9	16.23	360.0	17.91	395.6	19.98	408.9	20.52	417.2	20.80
	85	242.7	10.99	289.3	13.96	335.9	17.33	360.0	19.11	394.0	21.19	402.3	21.37	412.2	21.66
	90	242.7	12.46	289.3	15.87	335.9	19.68	360.0	21.77	380.7	22.86	390.7	23.04	398.9	23.38
	95	242.7	13.21	289.3	16.89	335.9	21.01	**360.0**	**23.23**	375.8	23.67	384.0	23.89	394.0	24.24
	100	242.7	14.27	289.3	18.23	335.9	22.73	353.6	24.39	369.4	24.89	379.0	25.12	387.6	25.48
	105	242.7	16.03	289.3	20.54	334.1	25.55	343.8	26.13	358.2	26.67	367.6	26.90	376.6	27.27
	110	242.7	17.92	289.3	23.06	330.2	27.74	337.7	27.88	344.5	28.39	350.0	28.66	356.3	29.08
	115	242.7	20.58	289.3	26.33	314.3	29.04	324.0	29.04	332.1	29.47	335.2	29.53	336.7	29.72
	118	242.7	20.76	253.8	24.70	273.6	24.42	282.1	24.64	289.2	25.01	291.9	25.05	290.6	25.22
	122	207.6	18.80	203.5	18.78	218.1	18.59	225.4	18.63	231.6	18.93	234.4	18.99	234.0	19.16

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Cooling Capacity ARUN360BTE4, ARUN360DTE4 / ARUB360BTE4, ARUB360DTE4

360,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
90%	-9.9	218.6	5.07	260.4	6.07	303.8	7.17	324.6	7.71	345.5	8.24	387.3	9.49	429.1	10.42
	-5	218.6	5.34	260.4	6.40	303.8	7.56	324.6	8.14	345.5	8.69	387.3	10.01	429.1	10.99
	0	218.6	5.56	260.4	6.66	303.8	7.87	324.6	8.46	345.5	9.04	387.3	10.42	429.1	11.43
	5	218.6	5.76	260.4	6.91	303.8	8.16	324.6	8.77	345.5	9.37	387.3	10.80	429.1	11.85
	10	218.6	5.93	260.4	7.10	303.8	8.39	324.6	9.03	345.5	9.64	387.3	11.11	429.1	12.19
	14	218.6	6.14	260.4	7.36	303.8	8.69	324.6	9.35	345.5	9.99	387.3	11.51	429.1	12.63
	20	218.6	6.37	260.4	7.64	303.8	9.02	324.6	9.71	345.5	10.41	387.3	11.92	429.1	13.12
	25	218.6	6.55	260.4	7.87	303.8	9.29	324.6	10.01	345.5	10.76	387.3	12.27	429.1	13.52
	30	218.6	6.74	260.4	8.11	303.8	9.56	324.6	10.31	345.5	11.10	387.3	12.61	429.1	13.92
	35	218.6	6.95	260.4	8.36	303.8	9.85	324.6	10.62	345.5	11.43	387.3	12.99	429.1	14.36
	40	218.6	7.15	260.4	8.60	303.8	10.15	324.6	10.94	345.5	11.78	387.3	13.38	429.1	14.77
	45	218.6	7.32	260.4	8.80	303.8	10.38	324.6	11.20	345.5	12.06	387.3	13.68	429.1	15.12
	50	218.6	7.48	260.4	9.00	303.8	10.61	324.6	11.44	345.5	12.32	387.3	13.99	429.1	15.45
	55	218.6	7.57	260.4	9.14	303.8	10.80	324.6	11.68	345.5	12.55	387.3	14.27	429.1	15.60
	60	218.6	7.85	260.4	9.51	303.8	11.21	324.6	12.14	345.5	13.06	387.3	14.82	425.5	15.77
	65	218.6	7.98	260.4	9.69	303.8	11.44	324.6	12.37	345.5	13.29	387.3	15.10	422.7	16.56
	70	218.6	8.21	260.4	9.97	303.8	11.86	324.6	13.06	345.5	14.26	387.3	16.84	414.6	17.79
	75	218.6	8.35	260.4	10.43	303.8	12.69	324.6	13.98	345.5	15.32	387.3	17.57	408.2	18.58
	80	218.6	9.37	260.4	11.81	303.8	14.49	324.6	15.97	345.5	17.49	387.3	19.42	397.0	20.21
	85	218.6	9.97	260.4	12.60	303.8	15.51	324.6	17.03	345.5	18.69	382.5	20.45	390.5	21.04
	90	218.6	11.26	260.4	14.26	303.8	17.58	324.6	19.38	345.5	21.27	371.3	22.38	379.3	22.71
	95	218.6	12.00	260.4	15.14	303.8	18.74	**324.6**	**20.67**	345.5	22.71	364.8	23.23	372.9	23.55
	100	218.6	12.39	260.4	15.78	303.8	19.52	324.6	21.49	345.5	23.21	360.0	24.23	366.4	24.50
	105	218.6	14.36	260.4	18.31	303.8	22.07	324.6	23.53	341.6	24.88	348.8	25.97	353.5	26.30
	110	218.6	16.49	260.4	21.11	303.8	24.21	324.6	25.41	327.9	26.98	332.2	27.89	334.9	28.21
	115	218.6	17.86	260.4	22.88	284.5	25.49	307.8	26.58	312.2	27.84	315.1	28.45	316.5	28.81
	118	218.6	18.97	253.8	24.70	247.7	21.44	268.0	22.56	271.8	23.62	274.3	24.14	273.2	24.45
	122	207.7	18.80	203.5	18.78	197.4	16.32	214.1	17.06	217.7	17.88	220.3	18.30	219.9	18.58
80%	-9.9	194.5	4.39	231.4	5.29	270.0	6.14	287.7	6.67	307.0	7.19	343.9	8.21	380.9	9.14
	-5	194.5	4.63	231.4	5.58	270.0	6.48	287.7	7.03	307.0	7.58	343.9	8.66	380.9	9.65
	0	194.5	4.81	231.4	5.80	270.0	6.74	287.7	7.32	307.0	7.89	343.9	9.01	380.9	10.03
	5	194.5	4.99	231.4	6.01	270.0	6.98	287.7	7.58	307.0	8.18	343.9	9.34	380.9	10.40
	10	194.5	5.13	231.4	6.19	270.0	7.18	287.7	7.80	307.0	8.41	343.9	9.61	380.9	10.70
	14	194.5	5.32	231.4	6.41	270.0	7.44	287.7	8.09	307.0	8.72	343.9	9.95	380.9	11.09
	20	194.5	5.52	231.4	6.64	270.0	7.74	287.7	8.39	307.0	9.02	343.9	10.31	380.9	11.51
	25	194.5	5.69	231.4	6.83	270.0	7.99	287.7	8.64	307.0	9.27	343.9	10.62	380.9	11.87
	30	194.5	5.86	231.4	7.02	270.0	8.24	287.7	8.89	307.0	9.52	343.9	10.92	380.9	12.23
	35	194.5	6.02	231.4	7.22	270.0	8.48	287.7	9.13	307.0	9.78	343.9	11.22	380.9	12.57
	40	194.5	6.18	231.4	7.41	270.0	8.70	287.7	9.39	307.0	10.05	343.9	11.52	380.9	12.90
	45	194.5	6.27	231.4	7.50	270.0	8.83	287.7	9.52	307.0	10.17	343.9	11.68	380.9	13.08
	50	194.5	6.36	231.4	7.61	270.0	8.94	287.7	9.65	307.0	10.32	343.9	11.84	380.9	13.26
	55	194.5	6.45	231.4	7.74	270.0	9.10	287.7	9.81	307.0	10.52	343.9	12.07	380.9	13.49
	60	194.5	6.68	231.4	8.00	270.0	9.42	287.7	10.16	307.0	10.94	343.9	12.49	380.9	14.03
	65	194.5	6.78	231.4	8.16	270.0	9.61	287.7	10.36	307.0	11.16	343.9	12.71	380.9	14.36
	70	194.5	6.97	231.4	8.39	270.0	9.91	287.7	10.68	307.0	11.62	343.9	13.71	380.9	15.87
	75	194.5	7.10	231.4	8.55	270.0	10.39	287.7	11.39	307.0	12.39	343.9	14.58	380.9	16.74
	80	194.5	7.78	231.4	9.71	270.0	11.84	287.7	12.94	307.0	14.13	343.9	16.78	380.9	18.70
	85	194.5	8.29	231.4	10.32	270.0	12.62	287.7	13.81	307.0	15.13	343.9	17.87	380.9	19.18
	90	194.5	9.32	231.4	11.71	270.0	14.26	287.7	15.68	307.0	17.20	343.9	19.65	374.7	20.33
	95	194.5	9.91	231.4	12.39	270.0	15.23	**287.7**	**16.65**	307.0	18.29	343.9	20.33	366.6	20.88
	100	194.5	10.68	231.4	13.36	270.0	16.42	287.7	17.84	307.0	19.02	343.9	21.17	358.4	21.56
	105	194.5	12.17	231.4	15.29	270.0	18.28	287.7	19.14	307.0	20.40	339.8	22.00	348.1	22.63
	110	194.5	13.81	231.4	17.42	270.0	19.40	287.7	20.44	307.0	21.97	327.9	22.81	329.5	23.79
	115	194.5	14.78	231.4	18.62	270.0	20.04	287.7	21.49	287.7	22.49	289.4	23.33	289.4	24.74
	118	194.5	15.69	231.4	19.79	247.7	21.44	252.7	20.40	250.5	19.08	252.0	19.79	249.9	20.99
	122	194.5	16.96	204.2	18.66	197.4	16.32	201.9	15.42	200.6	14.45	202.4	15.00	201.1	15.95

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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PERFORMANCE DATA

ARUN360BTE4, ARUN360DTE4 / ARUB360BTE4, ARUB360DTE4 Cooling Capacity

360,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
70%	-9.9	170.4	3.87	202.5	4.60	236.3	5.42	252.3	5.80	268.4	6.18	300.5	7.08	334.3	7.92
	-5	170.4	4.09	202.5	4.86	236.3	5.72	252.3	6.12	268.4	6.52	300.5	7.47	334.3	8.36
	0	170.4	4.25	202.5	5.05	236.3	5.95	252.3	6.36	268.4	6.78	300.5	7.77	334.3	8.69
	5	170.4	4.41	202.5	5.24	236.3	6.16	252.3	6.60	268.4	7.03	300.5	8.05	334.3	9.01
	10	170.4	4.53	202.5	5.39	236.3	6.34	252.3	6.79	268.4	7.23	300.5	8.28	334.3	9.27
	14	170.4	4.70	202.5	5.58	236.3	6.57	252.3	7.03	268.4	7.49	300.5	8.58	334.3	9.61
	20	170.4	4.86	202.5	5.77	236.3	6.78	252.3	7.26	268.4	7.75	300.5	8.86	334.3	9.93
	25	170.4	4.99	202.5	5.92	236.3	6.95	252.3	7.46	268.4	7.97	300.5	9.08	334.3	10.20
	30	170.4	5.13	202.5	6.08	236.3	7.12	252.3	7.65	268.4	8.18	300.5	9.31	334.3	10.47
	35	170.4	5.27	202.5	6.25	236.3	7.32	252.3	7.85	268.4	8.41	300.5	9.55	334.3	10.76
	40	170.4	5.40	202.5	6.40	236.3	7.50	252.3	8.06	268.4	8.62	300.5	9.81	334.3	11.02
	45	170.4	5.48	202.5	6.50	236.3	7.62	252.3	8.20	268.4	8.76	300.5	9.97	334.3	11.20
	50	170.4	5.58	202.5	6.61	236.3	7.74	252.3	8.32	268.4	8.90	300.5	10.13	334.3	11.39
	55	170.4	5.68	202.5	6.74	236.3	7.87	252.3	8.45	268.4	9.07	300.5	10.32	334.3	11.62
	60	170.4	5.84	202.5	6.97	236.3	8.16	252.3	8.78	268.4	9.39	300.5	10.71	334.3	12.07
	65	170.4	5.94	202.5	7.10	236.3	8.29	252.3	8.94	268.4	9.58	300.5	10.91	334.3	12.26
	70	170.4	6.10	202.5	7.29	236.3	8.55	252.3	9.20	268.4	9.87	300.5	11.29	334.3	13.03
	75	170.4	6.19	202.5	7.42	236.3	8.71	252.3	9.52	268.4	10.32	300.5	12.07	334.3	13.80
	80	170.4	6.68	202.5	8.20	236.3	9.91	252.3	10.81	268.4	11.71	300.5	13.34	334.3	15.31
	85	170.4	7.10	202.5	8.71	236.3	10.55	252.3	11.52	268.4	12.62	300.5	14.22	334.3	15.96
	90	170.4	7.97	202.5	9.84	236.3	11.94	252.3	13.03	268.4	14.26	300.5	15.85	334.3	17.32
	95	170.4	8.42	202.5	10.45	236.3	12.71	**252.3**	**13.91**	268.4	15.13	300.5	16.67	334.3	17.84
	100	170.4	9.10	202.5	11.29	236.3	13.71	252.3	15.00	268.4	15.58	300.5	17.45	334.3	18.34
	105	170.4	10.31	202.5	12.87	236.3	15.12	252.3	16.01	268.4	16.93	300.5	18.37	334.3	19.42
	110	170.4	11.62	202.5	14.58	236.3	16.00	252.3	16.97	268.4	18.36	300.5	19.14	324.6	20.88
	115	170.4	12.49	202.5	15.55	236.3	16.55	252.3	17.94	268.4	18.89	300.5	19.72	306.0	22.23
	118	170.4	13.26	202.5	16.52	236.3	17.58	252.3	19.01	244.2	18.89	252.0	16.73	249.9	18.86
	122	170.4	14.30	202.5	17.89	210.8	16.79	201.6	15.63	195.6	14.31	202.4	12.68	201.1	14.33
60%	-9.9	146.3	3.36	173.6	3.90	202.5	4.57	215.4	4.89	229.8	5.26	258.8	5.96	286.1	6.66
	-5	146.3	3.54	173.6	4.11	202.5	4.83	215.4	5.16	229.8	5.55	258.8	6.29	286.1	7.03
	0	146.3	3.69	173.6	4.28	202.5	5.02	215.4	5.37	229.8	5.78	258.8	6.54	286.1	7.31
	5	146.3	3.82	173.6	4.43	202.5	5.20	215.4	5.56	229.8	5.99	258.8	6.78	286.1	7.58
	10	146.3	3.93	173.6	4.56	202.5	5.35	215.4	5.72	229.8	6.16	258.8	6.97	286.1	7.80
	14	146.3	4.07	173.6	4.73	202.5	5.55	215.4	5.93	229.8	6.38	258.8	7.23	286.1	8.08
	20	146.3	4.20	173.6	4.90	202.5	5.73	215.4	6.13	229.8	6.59	258.8	7.47	286.1	8.36
	25	146.3	4.30	173.6	5.04	202.5	5.88	215.4	6.31	229.8	6.76	258.8	7.67	286.1	8.60
	30	146.3	4.40	173.6	5.18	202.5	6.03	215.4	6.48	229.8	6.93	258.8	7.87	286.1	8.83
	35	146.3	4.51	173.6	5.32	202.5	6.18	215.4	6.64	229.8	7.11	258.8	8.06	286.1	9.06
	40	146.3	4.63	173.6	5.46	202.5	6.34	215.4	6.82	229.8	7.29	258.8	8.28	286.1	9.29
	45	146.3	4.67	173.6	5.51	202.5	6.39	215.4	6.88	229.8	7.36	258.8	8.34	286.1	9.36
	50	146.3	4.71	173.6	5.55	202.5	6.45	215.4	6.94	229.8	7.42	258.8	8.42	286.1	9.45
	55	146.3	4.78	173.6	5.65	202.5	6.58	215.4	7.07	229.8	7.55	258.8	8.58	286.1	9.61
	60	146.3	4.94	173.6	5.84	202.5	6.81	215.4	7.32	229.8	7.84	258.8	8.87	286.1	10.00
	65	146.3	5.00	173.6	5.94	202.5	6.94	215.4	7.45	229.8	7.97	258.8	9.07	286.1	10.20
	70	146.3	5.13	173.6	6.10	202.5	7.13	215.4	7.65	229.8	8.20	258.8	9.32	286.1	10.58
	75	146.3	5.23	173.6	6.19	202.5	7.26	215.4	7.81	229.8	8.45	258.8	9.87	286.1	11.27
	80	146.3	5.55	173.6	6.78	202.5	8.13	215.4	8.87	229.8	9.61	258.8	11.06	286.1	12.74
	85	146.3	5.90	173.6	7.19	202.5	8.65	215.4	9.45	229.8	10.29	258.8	11.64	286.1	13.14
	90	146.3	6.61	173.6	8.13	202.5	9.78	215.4	10.68	229.8	11.56	258.8	13.02	286.1	14.34
	95	146.3	7.00	173.6	8.61	202.5	10.39	**215.4**	**11.39**	229.8	12.24	258.8	13.61	286.1	15.10
	100	146.3	7.52	173.6	9.26	202.5	11.20	215.4	12.26	229.8	12.79	258.8	14.43	286.1	15.74
	105	146.3	8.55	173.6	10.55	202.5	12.36	215.4	13.08	229.8	13.91	258.8	15.33	286.1	17.17
	110	146.3	9.61	173.6	11.97	202.5	13.33	215.4	13.87	229.8	15.03	258.8	16.40	286.1	18.73
	115	146.3	10.29	173.6	12.78	202.5	13.85	215.4	14.68	229.8	15.57	258.8	17.33	286.1	20.01
	118	146.3	10.90	173.6	13.55	202.5	14.71	215.4	15.60	229.8	16.57	252.0	16.73	249.9	18.86
	122	146.3	11.75	173.6	14.65	202.5	15.94	201.1	15.82	194.7	14.65	202.4	12.68	201.1	14.33

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Cooling Capacity ARUN360BTE4, ARUN360DTE4 / ARUB360BTE4, ARUB360DTE4

360,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
50%	-9.9	121.5	2.89	144.6	3.40	168.8	3.80	180.0	4.10	191.3	4.41	215.4	4.89	237.9	5.43
	-5	121.5	3.05	144.6	3.58	168.8	4.01	180.0	4.32	191.3	4.65	215.4	5.16	237.9	5.72
	0	121.5	3.17	144.6	3.73	168.8	4.17	180.0	4.50	191.3	4.84	215.4	5.37	237.9	5.95
	5	121.5	3.28	144.6	3.86	168.8	4.32	180.0	4.66	191.3	5.02	215.4	5.57	237.9	6.17
	10	121.5	3.38	144.6	3.98	168.8	4.45	180.0	4.79	191.3	5.16	215.4	5.73	237.9	6.35
	14	121.5	3.50	144.6	4.12	168.8	4.61	180.0	4.97	191.3	5.35	215.4	5.93	237.9	6.58
	20	121.5	3.63	144.6	4.25	168.8	4.80	180.0	5.15	191.3	5.52	215.4	6.15	237.9	6.83
	25	121.5	3.74	144.6	4.36	168.8	4.96	180.0	5.30	191.3	5.67	215.4	6.33	237.9	7.04
	30	121.5	3.85	144.6	4.46	168.8	5.12	180.0	5.45	191.3	5.81	215.4	6.51	237.9	7.25
	35	121.5	3.95	144.6	4.58	168.8	5.25	180.0	5.60	191.3	5.97	215.4	6.69	237.9	7.43
	40	121.5	4.05	144.6	4.70	168.8	5.39	180.0	5.73	191.3	6.12	215.4	6.85	237.9	7.63
	45	121.5	4.11	144.6	4.76	168.8	5.46	180.0	5.81	191.3	6.20	215.4	6.95	237.9	7.74
	50	121.5	4.17	144.6	4.83	168.8	5.54	180.0	5.90	191.3	6.30	215.4	7.05	237.9	7.85
	55	121.5	4.26	144.6	4.92	168.8	5.63	180.0	5.98	191.3	6.38	215.4	7.18	237.9	7.98
	60	121.5	4.34	144.6	5.05	168.8	5.81	180.0	6.21	191.3	6.61	215.4	7.40	237.9	8.29
	65	121.5	4.39	144.6	5.14	168.8	5.90	180.0	6.30	191.3	6.69	215.4	7.54	237.9	8.42
	70	121.5	4.52	144.6	5.23	168.8	6.03	180.0	6.47	191.3	6.87	215.4	7.76	237.9	8.69
	75	121.5	4.57	144.6	5.32	168.8	6.16	180.0	6.56	191.3	7.00	215.4	7.89	237.9	8.87
	80	121.5	4.70	144.6	5.63	168.8	6.61	180.0	7.14	191.3	7.67	215.4	8.82	237.9	10.06
	85	121.5	5.01	144.6	5.94	168.8	7.00	180.0	7.58	191.3	8.16	215.4	9.40	237.9	10.73
	90	121.5	5.59	144.6	6.65	168.8	7.89	180.0	8.51	191.3	9.18	215.4	10.60	237.9	12.15
	95	121.5	5.90	144.6	7.05	168.8	8.33	**180.0**	**9.04**	191.3	9.75	215.4	11.26	237.9	12.90
	100	121.5	6.21	144.6	7.45	168.8	8.82	180.0	9.58	191.3	10.33	215.4	11.97	237.9	13.70
	105	121.5	6.78	144.6	8.22	168.8	9.76	180.0	10.57	191.3	11.43	215.4	13.26	237.9	15.24
	110	121.5	7.49	144.6	9.09	168.8	10.82	180.0	11.75	191.3	12.72	215.4	14.81	237.9	17.02
	115	121.5	8.02	144.6	9.75	168.8	11.62	180.0	12.63	191.3	13.70	215.4	15.96	237.9	18.35
	118	121.5	8.67	144.6	10.58	168.8	12.62	180.0	13.74	191.3	14.91	215.4	16.73	237.9	18.86
	122	121.5	9.56	144.6	11.69	168.8	13.96	180.0	15.25	191.3	14.65	202.4	12.68	201.1	14.33

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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ARUN384BTE4, ARUN384DTE4 / ARUB384BTE4, ARUB384DTE4 Cooling Capacity

384,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
130%	-9.9	349.1	7.91	414.7	9.59	482.2	11.39	499.8	12.29	506.9	13.25	524.5	15.20	537.0	15.70
	-5	349.1	8.35	414.7	10.12	482.2	12.02	499.8	12.96	506.9	14.00	524.5	16.04	537.0	16.56
	0	349.1	8.67	414.7	10.53	482.2	12.49	499.8	13.49	506.9	14.54	524.5	16.68	537.0	17.24
	5	349.1	8.99	414.7	10.91	482.2	12.96	499.8	13.97	506.9	15.08	524.5	17.28	537.0	17.85
	10	349.1	9.24	414.7	11.23	482.2	13.34	499.8	14.38	506.9	15.51	524.5	17.79	537.0	18.38
	14	349.1	9.59	414.7	11.64	482.2	13.81	499.8	14.91	506.9	16.08	524.5	18.44	537.0	19.04
	20	349.1	9.75	414.7	11.82	482.2	14.01	499.8	15.13	506.9	16.30	524.5	18.69	537.0	19.33
	25	349.1	9.90	414.7	11.98	482.2	14.19	499.8	15.32	506.9	16.49	524.5	18.89	537.0	19.55
	30	349.1	10.03	414.7	12.14	482.2	14.35	499.8	15.51	506.9	16.68	524.5	19.11	537.0	19.77
	35	349.1	10.13	414.7	12.29	482.2	14.51	499.8	15.68	506.9	16.87	524.5	19.33	537.0	20.02
	40	349.1	10.28	414.7	12.42	482.2	14.69	499.8	15.89	506.9	17.06	524.5	19.58	537.0	20.25
	45	349.1	10.37	414.7	12.55	482.2	14.85	499.8	16.05	506.9	17.25	524.5	19.77	537.0	20.46
	50	349.1	10.47	414.7	12.68	482.2	14.98	499.8	16.21	506.9	17.43	524.5	19.96	537.0	20.66
	55	349.1	10.66	414.7	12.90	482.2	15.29	492.8	16.55	499.8	17.78	517.4	20.31	529.9	20.81
	60	349.1	11.00	414.7	13.37	475.1	15.92	481.9	17.19	487.4	18.47	504.9	20.96	517.4	21.04
	65	349.1	11.23	414.7	13.66	467.9	16.21	475.1	17.53	480.3	18.82	497.6	21.66	510.1	21.82
	70	349.1	10.81	414.7	13.12	459.2	16.15	464.4	17.78	471.4	19.51	488.7	21.66	501.4	21.88
	75	349.1	11.07	414.7	14.00	452.1	17.28	457.3	19.07	464.4	20.91	481.6	22.70	494.1	22.86
	80	349.1	12.58	414.7	15.93	439.6	19.77	444.8	21.82	452.1	23.99	469.1	24.63	481.6	24.85
	85	349.1	13.40	414.7	17.02	432.6	21.13	439.6	23.28	444.8	25.45	461.8	25.67	474.5	25.88
	90	349.1	15.17	407.7	19.33	420.1	23.99	425.3	26.52	432.6	27.44	449.3	27.66	461.8	27.94
	95	352.9	16.11	404.8	20.59	417.3	25.61	**424.6**	**28.31**	430.0	28.41	447.0	28.69	459.5	28.95
	100	352.9	17.43	397.7	22.26	410.2	27.75	417.3	29.80	422.7	29.96	441.6	30.24	454.1	30.52
	105	352.9	19.65	387.1	25.19	399.4	31.31	405.7	32.04	411.8	32.20	426.2	32.50	432.3	32.82
	110	352.9	22.07	370.9	28.38	386.5	34.15	387.8	34.31	393.3	34.43	401.6	34.78	403.2	35.10
	115	351.1	25.51	357.5	32.64	357.5	36.01	357.5	36.01	357.5	36.01	362.6	36.07	364.2	36.14
	118	305.3	21.63	310.8	27.66	311.3	30.27	311.3	30.55	311.3	30.55	315.8	30.61	314.5	30.65
	122	243.9	16.40	249.3	21.03	248.0	23.05	248.7	23.11	249.3	23.14	253.5	23.20	253.1	23.30
120%	-9.9	317.8	7.44	379.2	9.02	440.6	10.69	472.3	11.54	493.4	12.43	515.8	14.25	526.4	14.73
	-5	317.8	7.86	379.2	9.53	440.6	11.29	472.3	12.17	493.4	13.12	515.8	15.04	526.4	15.55
	0	317.8	8.17	379.2	9.91	440.6	11.73	472.3	12.65	493.4	13.65	515.8	15.64	526.4	16.18
	5	317.8	8.48	379.2	10.28	440.6	12.17	472.3	13.12	493.4	14.15	515.8	16.21	526.4	16.77
	10	317.8	8.73	379.2	10.57	440.6	12.52	472.3	13.50	493.4	14.56	515.8	16.68	526.4	17.25
	14	317.8	9.04	379.2	10.95	440.6	12.96	472.3	13.99	493.4	15.08	515.8	17.28	526.4	17.88
	20	317.8	9.18	379.2	11.13	440.6	13.15	472.3	14.19	493.4	15.29	515.8	17.53	526.4	18.13
	25	317.8	9.30	379.2	11.26	440.6	13.31	472.3	14.38	493.4	15.48	515.8	17.75	526.4	18.35
	30	317.8	9.42	379.2	11.39	440.6	13.47	472.3	14.57	493.4	15.64	515.8	17.94	526.4	18.57
	35	317.8	9.53	379.2	11.51	440.6	13.63	472.3	14.75	493.4	15.83	515.8	18.16	526.4	18.79
	40	317.8	9.65	379.2	11.67	440.6	13.81	472.3	14.92	493.4	16.05	515.8	18.39	526.4	19.04
	45	317.8	9.77	379.2	11.80	440.6	13.97	472.3	15.10	493.4	16.23	515.8	18.60	526.4	19.26
	50	317.8	9.87	379.2	11.95	440.6	14.12	472.3	15.26	493.4	16.40	515.8	18.80	526.4	19.46
	55	317.8	10.03	379.2	12.17	440.6	14.38	472.3	15.58	488.0	16.74	508.5	19.14	521.0	19.61
	60	317.8	10.35	379.2	12.59	440.6	14.98	468.8	16.18	474.0	17.38	496.0	19.74	506.8	20.08
	65	317.8	10.57	379.2	12.87	440.6	15.26	461.7	16.52	468.8	17.72	488.9	20.40	501.4	20.56
	70	317.8	10.37	379.2	12.61	440.6	15.51	452.9	17.06	458.2	18.73	480.0	20.81	490.6	21.00
	75	317.8	10.63	379.2	13.43	440.6	16.59	446.0	18.32	452.9	20.08	472.7	21.79	485.4	21.94
	80	317.8	12.08	379.2	15.30	428.4	18.98	433.6	20.96	439.0	23.02	460.2	23.65	471.0	23.87
	85	317.8	12.86	379.2	16.34	421.4	20.28	426.6	22.36	433.6	24.43	453.1	24.63	465.6	24.85
	90	317.8	14.57	379.2	18.57	409.0	23.02	414.4	25.47	419.5	26.36	440.6	26.55	451.2	26.81
	95	321.0	15.45	383.3	19.77	406.3	24.59	**411.5**	**27.18**	418.6	27.28	437.8	27.53	450.6	27.81
	100	321.0	16.74	383.3	21.38	399.1	26.65	406.3	28.60	411.5	28.76	432.6	29.04	443.3	29.29
	105	321.0	18.85	377.0	24.19	388.5	30.08	394.9	30.75	400.0	30.93	419.9	31.19	426.9	31.47
	110	321.0	21.18	367.4	27.25	379.5	32.79	380.5	32.95	386.2	33.05	398.1	33.39	399.7	33.71
	115	312.3	24.50	354.0	31.34	354.0	34.56	354.0	34.56	354.0	34.56	362.8	34.62	364.4	34.69
	118	278.7	21.63	307.8	26.55	308.2	29.07	308.2	29.33	308.2	29.33	315.8	29.39	314.5	29.42
	122	222.7	16.40	247.0	20.19	245.7	22.13	246.4	22.17	247.0	22.20	253.7	22.27	253.1	22.36

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Cooling Capacity ARUN384BTE4, ARUN384DTE4 / ARUB384BTE4, ARUB384DTE4

384,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
110%	-9.9	294.4	6.87	351.3	8.27	408.0	9.81	436.5	10.63	464.9	11.39	512.0	12.99	522.9	13.49
	-5	294.4	7.25	351.3	8.73	408.0	10.34	436.5	11.22	464.9	12.02	512.0	13.72	522.9	14.22
	0	294.4	7.53	351.3	9.08	408.0	10.76	436.5	11.67	464.9	12.51	512.0	14.26	522.9	14.79
	5	294.4	7.79	351.3	9.42	408.0	11.16	436.5	12.10	464.9	12.96	512.0	14.79	522.9	15.33
	10	294.4	8.04	351.3	9.68	408.0	11.48	436.5	12.45	464.9	13.34	512.0	15.20	522.9	15.77
	14	294.4	8.32	351.3	10.03	408.0	11.89	436.5	12.90	464.9	13.81	512.0	15.77	522.9	16.36
	20	294.4	8.45	351.3	10.19	408.0	12.08	436.5	13.08	464.9	14.03	512.0	16.02	522.9	16.61
	25	294.4	8.54	351.3	10.34	408.0	12.23	436.5	13.22	464.9	14.19	512.0	16.24	522.9	16.81
	30	294.4	8.64	351.3	10.47	408.0	12.36	436.5	13.37	464.9	14.38	512.0	16.49	522.9	17.03
	35	294.4	8.77	351.3	10.60	408.0	12.55	436.5	13.56	464.9	14.60	512.0	16.71	522.9	17.31
	40	294.4	8.89	351.3	10.76	408.0	12.73	436.5	13.75	464.9	14.79	512.0	16.96	522.9	17.53
	45	294.4	9.05	351.3	10.94	408.0	12.93	436.5	13.97	464.9	15.04	512.0	17.22	522.9	17.82
	50	294.4	9.18	351.3	11.13	408.0	13.15	436.5	14.22	464.9	15.29	512.0	17.50	522.9	18.10
	55	294.4	9.34	351.3	11.32	408.0	13.40	436.5	14.51	464.9	15.58	504.9	17.82	515.8	18.26
	60	294.4	9.65	351.3	11.73	408.0	13.96	436.5	15.07	464.9	16.18	492.2	18.38	503.0	18.54
	65	294.4	9.84	351.3	11.98	408.0	14.22	436.5	15.38	464.9	16.49	485.1	18.98	495.7	19.14
	70	294.4	9.94	351.3	12.08	408.0	14.88	436.5	16.36	456.0	17.95	475.9	19.93	486.7	20.15
	75	294.4	10.19	351.3	12.87	408.0	15.92	436.5	17.56	448.9	19.24	468.8	20.88	479.6	21.03
	80	291.5	11.58	347.8	14.67	403.9	18.20	426.6	20.09	432.0	22.08	451.3	22.67	462.1	22.87
	85	291.5	12.33	347.8	15.67	403.9	19.45	419.6	21.44	425.0	23.43	444.2	23.62	455.0	23.81
	90	291.5	13.97	347.8	17.81	402.2	22.08	407.4	24.41	412.7	25.26	431.7	25.45	442.5	25.70
	95	291.5	14.82	347.8	18.95	395.2	23.58	**400.3**	**26.05**	405.7	26.17	424.6	26.40	435.2	26.65
	100	291.5	16.05	347.8	20.50	389.8	25.55	395.2	27.43	400.3	27.59	419.2	27.84	429.8	28.09
	105	291.5	18.07	347.8	23.18	377.6	28.83	383.0	29.51	388.1	29.64	406.7	29.92	417.2	30.21
	110	291.5	20.31	347.8	26.14	366.0	31.44	367.1	31.59	372.5	31.69	384.0	32.01	385.6	32.32
	115	291.5	23.49	347.8	30.05	350.4	33.14	350.4	33.14	352.0	33.14	359.0	33.20	360.6	33.26
	118	281.6	21.41	302.4	25.47	305.0	27.87	305.0	28.12	306.5	28.12	312.6	28.16	311.3	28.22
	122	225.0	16.24	242.5	19.36	243.2	21.22	243.8	21.26	245.5	21.29	250.9	21.35	250.6	21.44
100%	-9.9	258.9	6.03	308.5	7.28	358.4	8.64	384.0	9.40	422.1	10.18	473.3	11.73	499.8	12.23
	-5	258.9	6.37	308.5	7.69	358.4	9.11	384.0	9.93	422.1	10.75	473.3	12.39	499.8	12.90
	0	258.9	6.62	308.5	7.98	358.4	9.46	384.0	10.31	422.1	11.17	473.3	12.89	499.8	13.43
	5	258.9	6.87	308.5	8.29	358.4	9.81	384.0	10.69	422.1	11.57	473.3	13.36	499.8	13.91
	10	258.9	7.06	308.5	8.52	358.4	10.09	384.0	11.01	422.1	11.92	473.3	13.75	499.8	14.31
	14	258.9	7.32	308.5	8.83	358.4	10.47	384.0	11.41	422.1	12.33	473.3	14.25	499.8	14.82
	20	258.9	7.54	308.5	9.11	358.4	10.79	384.0	11.73	422.1	12.74	473.3	14.66	499.8	15.26
	25	258.9	7.73	308.5	9.36	358.4	11.07	384.0	12.01	422.1	13.06	473.3	15.01	499.8	15.61
	30	258.9	7.94	308.5	9.59	358.4	11.35	384.0	12.27	422.1	13.40	473.3	15.35	499.8	15.96
	35	258.9	8.04	308.5	9.75	358.4	11.54	384.0	12.46	422.1	13.60	473.3	15.61	499.8	16.21
	40	258.9	8.19	308.5	9.90	358.4	11.72	384.0	12.67	422.1	13.81	473.3	15.83	499.8	16.46
	45	258.9	8.36	308.5	10.12	358.4	11.95	384.0	12.93	422.1	14.10	473.3	16.17	499.8	16.81
	50	258.9	8.52	308.5	10.31	358.4	12.20	384.0	13.19	422.1	14.40	473.3	16.49	499.8	17.16
	55	258.9	8.67	308.5	10.50	358.4	12.43	384.0	13.47	422.1	14.69	473.3	16.78	494.4	17.41
	60	258.9	8.95	308.5	10.88	358.4	12.96	384.0	14.00	422.1	15.26	471.4	17.31	480.3	17.72
	65	258.9	9.14	308.5	11.13	358.4	13.19	384.0	14.28	422.1	15.54	464.3	17.88	474.9	18.25
	70	258.9	9.43	308.5	11.45	358.4	14.09	384.0	15.51	422.1	17.27	455.6	19.17	464.3	19.52
	75	258.9	9.65	308.5	12.20	358.4	15.07	384.0	16.62	422.1	18.51	448.6	20.09	459.2	20.34
	80	258.9	10.98	308.5	13.90	358.4	17.25	384.0	19.04	422.1	21.23	436.1	21.82	445.1	22.11
	85	258.9	11.69	308.5	14.85	358.4	18.42	384.0	20.31	420.2	22.52	429.1	22.71	439.7	23.02
	90	258.9	13.24	308.5	16.87	358.4	20.91	384.0	23.14	406.1	24.29	416.7	24.50	425.6	24.85
	95	258.9	14.04	308.5	17.95	358.4	22.33	**384.0**	**24.69**	400.9	25.16	409.6	25.39	420.2	25.76
	100	258.9	15.17	308.5	19.36	358.4	24.15	377.2	25.92	393.9	26.46	404.2	26.71	413.4	27.08
	105	258.9	17.03	308.5	21.82	356.4	27.15	366.7	27.78	382.1	28.35	392.0	28.60	401.6	28.98
	110	258.9	19.04	308.5	24.50	352.3	29.48	360.3	29.64	367.4	30.17	373.4	30.46	380.1	30.90
	115	258.9	21.88	308.5	28.00	335.3	30.87	345.6	30.87	354.2	31.32	357.5	31.38	359.1	31.59
	118	258.9	22.07	270.7	26.26	291.9	25.95	300.8	26.18	308.5	26.58	311.3	26.62	310.1	26.80
	122	221.4	19.99	217.0	19.96	232.6	19.77	240.4	19.80	247.0	20.12	249.9	20.18	249.6	20.37

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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PERFORMANCE DATA

ARUN384BTE4, ARUN384DTE4 / ARUB384BTE4, ARUB384DTE4 Cooling Capacity

384,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
90%	-9.9	233.2	5.39	277.7	6.46	324.1	7.63	346.3	8.20	368.6	8.76	413.1	10.09	457.6	11.07
	-5	233.2	5.68	277.7	6.81	324.1	8.04	346.3	8.64	368.6	9.24	413.1	10.65	457.6	11.69
	0	233.2	5.90	277.7	7.09	324.1	8.36	346.3	8.99	368.6	9.62	413.1	11.07	457.6	12.14
	5	233.2	6.12	277.7	7.34	324.1	8.67	346.3	9.33	368.6	9.96	413.1	11.48	457.6	12.59
	10	233.2	6.30	277.7	7.54	324.1	8.92	346.3	9.59	368.6	10.25	413.1	11.80	457.6	12.96
	14	233.2	6.53	277.7	7.82	324.1	9.24	346.3	9.94	368.6	10.62	413.1	12.23	457.6	13.43
	20	233.2	6.77	277.7	8.13	324.1	9.59	346.3	10.32	368.6	11.07	413.1	12.67	457.6	13.94
	25	233.2	6.97	277.7	8.36	324.1	9.87	346.3	10.63	368.6	11.44	413.1	13.03	457.6	14.38
	30	233.2	7.16	277.7	8.61	324.1	10.16	346.3	10.97	368.6	11.80	413.1	13.40	457.6	14.79
	35	233.2	7.38	277.7	8.89	324.1	10.47	346.3	11.29	368.6	12.14	413.1	13.81	457.6	15.26
	40	233.2	7.60	277.7	9.14	324.1	10.78	346.3	11.63	368.6	12.52	413.1	14.22	457.6	15.70
	45	233.2	7.78	277.7	9.36	324.1	11.04	346.3	11.89	368.6	12.81	413.1	14.54	457.6	16.08
	50	233.2	7.95	277.7	9.56	324.1	11.29	346.3	12.17	368.6	13.09	413.1	14.88	457.6	16.43
	55	233.2	8.04	277.7	9.71	324.1	11.48	346.3	12.42	368.6	13.34	413.1	15.17	457.6	16.58
	60	233.2	8.33	277.7	10.10	324.1	11.92	346.3	12.90	368.6	13.88	413.1	15.76	453.8	16.77
	65	233.2	8.48	277.7	10.31	324.1	12.17	346.3	13.15	368.6	14.13	413.1	16.05	450.9	17.60
	70	233.2	8.73	277.7	10.59	324.1	12.61	346.3	13.88	368.6	15.16	413.1	17.91	442.3	18.92
	75	233.2	8.89	277.7	11.09	324.1	13.49	346.3	14.86	368.6	16.28	413.1	18.67	435.5	19.74
	80	233.2	9.96	277.7	12.55	324.1	15.39	346.3	16.97	368.6	18.60	413.1	20.63	423.4	21.48
	85	233.2	10.59	277.7	13.40	324.1	16.49	346.3	18.10	368.6	19.87	408.0	21.73	416.6	22.36
	90	233.2	11.98	277.7	15.16	324.1	18.69	346.3	20.59	368.6	22.61	396.1	23.78	404.5	24.15
	95	233.2	12.74	277.7	16.08	324.1	19.92	**346.3**	**21.98**	368.6	24.13	389.1	24.69	397.7	25.03
	100	233.2	13.18	277.7	16.77	324.1	20.75	346.3	22.83	368.6	24.66	384.0	25.76	390.8	26.04
	105	233.2	15.26	277.7	19.46	324.1	23.46	346.3	25.01	364.5	26.45	372.1	27.60	377.0	27.94
	110	233.2	17.53	277.7	22.45	324.1	25.73	346.3	27.02	349.7	28.67	354.3	29.64	357.1	29.99
	115	233.2	18.98	277.7	24.32	303.4	27.09	328.3	28.25	333.1	29.58	336.0	30.24	337.6	30.62
	118	233.2	20.15	270.7	26.26	264.3	22.79	285.8	23.97	289.9	25.10	292.5	25.66	291.5	25.98
	122	221.5	19.99	217.0	19.96	210.6	17.34	228.5	18.13	232.3	19.01	234.9	19.45	234.6	19.74
80%	-9.9	207.4	4.67	246.8	5.61	288.0	6.53	306.9	7.09	327.4	7.63	366.8	8.73	406.4	9.71
	-5	207.4	4.92	246.8	5.93	288.0	6.88	306.9	7.47	327.4	8.07	366.8	9.21	406.4	10.25
	0	207.4	5.11	246.8	6.17	288.0	7.16	306.9	7.78	327.4	8.39	366.8	9.58	406.4	10.66
	5	207.4	5.30	246.8	6.40	288.0	7.41	306.9	8.07	327.4	8.70	366.8	9.93	406.4	11.06
	10	207.4	5.46	246.8	6.56	288.0	7.63	306.9	8.29	327.4	8.95	366.8	10.21	406.4	11.38
	14	207.4	5.65	246.8	6.81	288.0	7.91	306.9	8.60	327.4	9.27	366.8	10.57	406.4	11.79
	20	207.4	5.87	246.8	7.06	288.0	8.23	306.9	8.92	327.4	9.59	366.8	10.97	406.4	12.24
	25	207.4	6.05	246.8	7.25	288.0	8.49	306.9	9.18	327.4	9.84	366.8	11.29	406.4	12.61
	30	207.4	6.24	246.8	7.47	288.0	8.76	306.9	9.46	327.4	10.12	366.8	11.60	406.4	12.99
	35	207.4	6.40	246.8	7.69	288.0	9.02	306.9	9.71	327.4	10.40	366.8	11.92	406.4	13.37
	40	207.4	6.56	246.8	7.88	288.0	9.24	306.9	9.97	327.4	10.68	366.8	12.24	406.4	13.72
	45	207.4	6.66	246.8	7.98	288.0	9.39	306.9	10.12	327.4	10.82	366.8	12.42	406.4	13.90
	50	207.4	6.75	246.8	8.10	288.0	9.49	306.9	10.25	327.4	10.97	366.8	12.58	406.4	14.09
	55	207.4	6.87	246.8	8.23	288.0	9.68	306.9	10.43	327.4	11.19	366.8	12.83	406.4	14.34
	60	207.4	7.10	246.8	8.51	288.0	10.02	306.9	10.81	327.4	11.63	366.8	13.27	406.4	14.92
	65	207.4	7.19	246.8	8.67	288.0	10.22	306.9	11.01	327.4	11.86	366.8	13.50	406.4	15.26
	70	207.4	7.41	246.8	8.92	288.0	10.53	306.9	11.35	327.4	12.36	366.8	14.57	406.4	16.87
	75	207.4	7.54	246.8	9.08	288.0	11.04	306.9	12.11	327.4	13.18	366.8	15.51	406.4	17.79
	80	207.4	8.26	246.8	10.32	288.0	12.58	306.9	13.75	327.4	15.01	366.8	17.84	406.4	19.87
	85	207.4	8.80	246.8	10.97	288.0	13.40	306.9	14.67	327.4	16.08	366.8	18.99	406.4	20.40
	90	207.4	9.90	246.8	12.45	288.0	15.16	306.9	16.68	327.4	18.28	366.8	20.88	399.7	21.60
	95	207.4	10.53	246.8	13.18	288.0	16.18	**306.9**	**17.69**	327.4	19.45	366.8	21.60	391.0	22.20
	100	207.4	11.35	246.8	14.19	288.0	17.46	306.9	18.95	327.4	20.21	366.8	22.49	382.4	22.92
	105	207.4	12.93	246.8	16.24	288.0	19.43	306.9	20.34	327.4	21.67	362.5	23.39	371.2	24.06
	110	207.4	14.67	246.8	18.51	288.0	20.62	306.9	21.73	327.4	23.36	349.7	24.25	351.4	25.29
	115	207.4	15.70	246.8	19.78	288.0	21.31	306.9	22.83	306.9	23.90	308.8	24.79	308.8	26.30
	118	207.4	16.68	246.8	21.03	264.3	22.79	269.5	21.67	267.2	20.28	268.8	21.03	266.5	22.32
	122	207.4	18.03	217.9	19.83	210.6	17.34	215.4	16.40	214.1	15.36	215.9	15.95	214.4	16.96

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Cooling Capacity ARUN384BTE4, ARUN384DTE4 / ARUB384BTE4, ARUB384DTE4

384,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
70%	-9.9	181.7	4.13	216.0	4.89	252.1	5.77	269.1	6.15	286.4	6.56	320.6	7.53	356.5	8.42
	-5	181.7	4.35	216.0	5.17	252.1	6.08	269.1	6.50	286.4	6.93	320.6	7.94	356.5	8.89
	0	181.7	4.51	216.0	5.36	252.1	6.31	269.1	6.77	286.4	7.22	320.6	8.26	356.5	9.24
	5	181.7	4.69	216.0	5.58	252.1	6.56	269.1	7.00	286.4	7.47	320.6	8.55	356.5	9.58
	10	181.7	4.82	216.0	5.73	252.1	6.74	269.1	7.22	286.4	7.69	320.6	8.80	356.5	9.84
	14	181.7	4.99	216.0	5.93	252.1	6.97	269.1	7.47	286.4	7.97	320.6	9.12	356.5	10.21
	20	181.7	5.17	216.0	6.12	252.1	7.19	269.1	7.72	286.4	8.23	320.6	9.40	356.5	10.56
	25	181.7	5.30	216.0	6.30	252.1	7.38	269.1	7.92	286.4	8.48	320.6	9.65	356.5	10.84
	30	181.7	5.45	216.0	6.46	252.1	7.57	269.1	8.13	286.4	8.70	320.6	9.90	356.5	11.13
	35	181.7	5.61	216.0	6.65	252.1	7.78	269.1	8.35	286.4	8.93	320.6	10.15	356.5	11.44
	40	181.7	5.74	216.0	6.81	252.1	7.97	269.1	8.57	286.4	9.17	320.6	10.43	356.5	11.73
	45	181.7	5.83	216.0	6.91	252.1	8.10	269.1	8.71	286.4	9.30	320.6	10.59	356.5	11.89
	50	181.7	5.93	216.0	7.03	252.1	8.23	269.1	8.86	286.4	9.46	320.6	10.76	356.5	12.11
	55	181.7	6.03	216.0	7.16	252.1	8.36	269.1	8.99	286.4	9.64	320.6	10.97	356.5	12.36
	60	181.7	6.21	216.0	7.41	252.1	8.67	269.1	9.33	286.4	9.97	320.6	11.38	356.5	12.83
	65	181.7	6.31	216.0	7.54	252.1	8.80	269.1	9.49	286.4	10.18	320.6	11.60	356.5	13.03
	70	181.7	6.49	216.0	7.75	252.1	9.08	269.1	9.77	286.4	10.50	320.6	12.01	356.5	13.85
	75	181.7	6.59	216.0	7.88	252.1	9.27	269.1	10.12	286.4	10.97	320.6	12.83	356.5	14.67
	80	181.7	7.10	216.0	8.71	252.1	10.53	269.1	11.48	286.4	12.45	320.6	14.19	356.5	16.27
	85	181.7	7.54	216.0	9.27	252.1	11.22	269.1	12.24	286.4	13.40	320.6	15.11	356.5	16.96
	90	181.7	8.48	216.0	10.47	252.1	12.68	269.1	13.85	286.4	15.16	320.6	16.84	356.5	18.41
	95	181.7	8.95	216.0	11.10	252.1	13.50	**269.1**	**14.79**	286.4	16.08	320.6	17.72	356.5	18.96
	100	181.7	9.68	216.0	12.01	252.1	14.57	269.1	15.95	286.4	16.56	320.6	18.54	356.5	19.49
	105	181.7	10.97	216.0	13.68	252.1	16.08	269.1	17.00	286.4	18.00	320.6	19.52	356.5	20.65
	110	181.7	12.36	216.0	15.51	252.1	17.00	269.1	18.04	286.4	19.52	320.6	20.34	346.3	22.20
	115	181.7	13.27	216.0	16.53	252.1	17.59	269.1	19.07	286.4	20.08	320.6	20.97	326.4	23.62
	118	181.7	14.09	216.0	17.56	252.1	18.70	269.1	20.21	260.5	20.08	268.8	17.78	266.5	20.05
	122	181.7	15.20	216.0	19.02	224.9	17.85	215.0	16.62	208.6	15.20	215.9	13.49	214.4	15.23
60%	-9.9	156.1	3.57	185.2	4.14	216.0	4.86	229.7	5.20	245.1	5.59	276.1	6.34	305.2	7.09
	-5	156.1	3.76	185.2	4.38	216.0	5.14	229.7	5.48	245.1	5.90	276.1	6.68	305.2	7.47
	0	156.1	3.91	185.2	4.54	216.0	5.33	229.7	5.71	245.1	6.15	276.1	6.94	305.2	7.76
	5	156.1	4.07	185.2	4.70	216.0	5.52	229.7	5.90	245.1	6.37	276.1	7.22	305.2	8.05
	10	156.1	4.17	185.2	4.85	216.0	5.68	229.7	6.08	245.1	6.55	276.1	7.41	305.2	8.29
	14	156.1	4.32	185.2	5.02	216.0	5.90	229.7	6.30	245.1	6.78	276.1	7.69	305.2	8.58
	20	156.1	4.45	185.2	5.20	216.0	6.09	229.7	6.52	245.1	7.00	276.1	7.94	305.2	8.89
	25	156.1	4.57	185.2	5.36	216.0	6.24	229.7	6.71	245.1	7.19	276.1	8.14	305.2	9.14
	30	156.1	4.67	185.2	5.51	216.0	6.40	229.7	6.88	245.1	7.37	276.1	8.36	305.2	9.39
	35	156.1	4.79	185.2	5.65	216.0	6.56	229.7	7.06	245.1	7.56	276.1	8.57	305.2	9.62
	40	156.1	4.92	185.2	5.80	216.0	6.75	229.7	7.25	245.1	7.76	276.1	8.80	305.2	9.87
	45	156.1	4.96	185.2	5.86	216.0	6.78	229.7	7.31	245.1	7.82	276.1	8.86	305.2	9.96
	50	156.1	5.01	185.2	5.90	216.0	6.87	229.7	7.38	245.1	7.88	276.1	8.95	305.2	10.05
	55	156.1	5.08	185.2	5.99	216.0	7.00	229.7	7.51	245.1	8.01	276.1	9.12	305.2	10.22
	60	156.1	5.24	185.2	6.21	216.0	7.23	229.7	7.79	245.1	8.33	276.1	9.43	305.2	10.63
	65	156.1	5.32	185.2	6.31	216.0	7.38	229.7	7.92	245.1	8.48	276.1	9.64	305.2	10.84
	70	156.1	5.45	185.2	6.49	216.0	7.57	229.7	8.13	245.1	8.71	276.1	9.90	305.2	11.25
	75	156.1	5.55	185.2	6.59	216.0	7.72	229.7	8.30	245.1	8.99	276.1	10.50	305.2	11.98
	80	156.1	5.90	185.2	7.19	216.0	8.64	229.7	9.43	245.1	10.22	276.1	11.76	305.2	13.53
	85	156.1	6.28	185.2	7.66	216.0	9.18	229.7	10.05	245.1	10.94	276.1	12.39	305.2	13.97
	90	156.1	7.03	185.2	8.64	216.0	10.40	229.7	11.35	245.1	12.29	276.1	13.84	305.2	15.23
	95	156.1	7.44	185.2	9.15	216.0	11.04	**229.7**	**12.11**	245.1	13.02	276.1	14.47	305.2	16.05
	100	156.1	7.98	185.2	9.84	216.0	11.89	229.7	13.03	245.1	13.59	276.1	15.33	305.2	16.74
	105	156.1	9.08	185.2	11.20	216.0	13.14	229.7	13.90	245.1	14.79	276.1	16.30	305.2	18.25
	110	156.1	10.22	185.2	12.71	216.0	14.16	229.7	14.75	245.1	15.98	276.1	17.43	305.2	19.90
	115	156.1	10.94	185.2	13.59	216.0	14.72	229.7	15.61	245.1	16.55	276.1	18.42	305.2	21.26
	118	156.1	11.58	185.2	14.41	216.0	15.64	229.7	16.58	245.1	17.60	268.8	17.78	266.5	20.05
	122	156.1	12.49	185.2	15.58	216.0	16.94	214.5	16.81	207.7	15.58	215.9	13.49	214.4	15.23

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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LG

ARUN384BTE4, ARUN384DTE4 / ARUB384BTE4, ARUB384DTE4 Cooling Capacity

384,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
50%	-9.9	129.6	3.06	154.3	3.60	180.1	4.04	192.0	4.35	204.1	4.69	229.7	5.20	253.7	5.77
	-5	129.6	3.24	154.3	3.81	180.1	4.26	192.0	4.60	204.1	4.95	229.7	5.49	253.7	6.09
	0	129.6	3.37	154.3	3.97	180.1	4.44	192.0	4.79	204.1	5.14	229.7	5.71	253.7	6.33
	5	129.6	3.50	154.3	4.10	180.1	4.60	192.0	4.95	204.1	5.33	229.7	5.92	253.7	6.56
	10	129.6	3.59	154.3	4.23	180.1	4.73	192.0	5.10	204.1	5.49	229.7	6.09	253.7	6.75
	14	129.6	3.72	154.3	4.38	180.1	4.89	192.0	5.27	204.1	5.68	229.7	6.31	253.7	7.00
	20	129.6	3.85	154.3	4.51	180.1	5.11	192.0	5.46	204.1	5.87	229.7	6.53	253.7	7.26
	25	129.6	3.97	154.3	4.63	180.1	5.27	192.0	5.64	204.1	6.02	229.7	6.72	253.7	7.48
	30	129.6	4.10	154.3	4.73	180.1	5.45	192.0	5.80	204.1	6.18	229.7	6.91	253.7	7.70
	35	129.6	4.20	154.3	4.86	180.1	5.58	192.0	5.96	204.1	6.34	229.7	7.12	253.7	7.91
	40	129.6	4.31	154.3	4.99	180.1	5.73	192.0	6.09	204.1	6.50	229.7	7.28	253.7	8.10
	45	129.6	4.38	154.3	5.07	180.1	5.80	192.0	6.18	204.1	6.59	229.7	7.38	253.7	8.23
	50	129.6	4.42	154.3	5.14	180.1	5.89	192.0	6.27	204.1	6.69	229.7	7.50	253.7	8.33
	55	129.6	4.51	154.3	5.23	180.1	5.99	192.0	6.37	204.1	6.78	229.7	7.63	253.7	8.48
	60	129.6	4.61	154.3	5.36	180.1	6.18	192.0	6.59	204.1	7.03	229.7	7.88	253.7	8.80
	65	129.6	4.67	154.3	5.46	180.1	6.27	192.0	6.69	204.1	7.12	229.7	8.01	253.7	8.95
	70	129.6	4.80	154.3	5.55	180.1	6.40	192.0	6.88	204.1	7.31	229.7	8.24	253.7	9.24
	75	129.6	4.85	154.3	5.65	180.1	6.56	192.0	6.97	204.1	7.44	229.7	8.39	253.7	9.43
	80	129.6	4.99	154.3	5.99	180.1	7.03	192.0	7.59	204.1	8.16	229.7	9.37	253.7	10.69
	85	129.6	5.33	154.3	6.31	180.1	7.44	192.0	8.07	204.1	8.67	229.7	9.99	253.7	11.41
	90	129.6	5.93	154.3	7.06	180.1	8.39	192.0	9.05	204.1	9.75	229.7	11.26	253.7	12.90
	95	129.6	6.27	154.3	7.50	180.1	8.86	**192.0**	**9.62**	204.1	10.37	229.7	11.98	253.7	13.71
	100	129.6	6.59	154.3	7.92	180.1	9.37	192.0	10.18	204.1	10.98	229.7	12.71	253.7	14.56
	105	129.6	7.22	154.3	8.74	180.1	10.37	192.0	11.23	204.1	12.14	229.7	14.10	253.7	16.20
	110	129.6	7.97	154.3	9.65	180.1	11.50	192.0	12.49	204.1	13.53	229.7	15.74	253.7	18.10
	115	129.6	8.52	154.3	10.37	180.1	12.36	192.0	13.43	204.1	14.56	229.7	16.96	253.7	19.51
	118	129.6	9.21	154.3	11.25	180.1	13.43	192.0	14.60	204.1	15.86	229.7	17.78	253.7	20.05
	122	129.6	10.16	154.3	12.42	180.1	14.85	192.0	16.21	204.1	15.58	215.9	13.49	214.4	15.23

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Cooling Capacity ARUN408BTE4, ARUN408DTE4 / ARUB408BTE4, ARUB408DTE4

408,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
130%	-9.9	370.9	8.29	440.6	10.06	512.3	11.95	531.0	12.88	538.6	13.90	557.3	15.94	570.6	16.46
	-5	370.9	8.75	440.6	10.61	512.3	12.61	531.0	13.59	538.6	14.68	557.3	16.81	570.6	17.37
	0	370.9	9.09	440.6	11.04	512.3	13.10	531.0	14.14	538.6	15.25	557.3	17.49	570.6	18.07
	5	370.9	9.43	440.6	11.44	512.3	13.59	531.0	14.65	538.6	15.82	557.3	18.12	570.6	18.72
	10	370.9	9.69	440.6	11.78	512.3	13.99	531.0	15.08	538.6	16.26	557.3	18.66	570.6	19.27
	14	370.9	10.06	440.6	12.21	512.3	14.48	531.0	15.63	538.6	16.86	557.3	19.33	570.6	19.96
	20	370.9	10.23	440.6	12.39	512.3	14.70	531.0	15.86	538.6	17.09	557.3	19.59	570.6	20.27
	25	370.9	10.38	440.6	12.56	512.3	14.88	531.0	16.06	538.6	17.29	557.3	19.81	570.6	20.50
	30	370.9	10.52	440.6	12.73	512.3	15.05	531.0	16.26	538.6	17.49	557.3	20.04	570.6	20.73
	35	370.9	10.63	440.6	12.88	512.3	15.22	531.0	16.45	538.6	17.69	557.3	20.27	570.6	20.99
	40	370.9	10.78	440.6	13.02	512.3	15.40	531.0	16.66	538.6	17.89	557.3	20.53	570.6	21.24
	45	370.9	10.87	440.6	13.16	512.3	15.57	531.0	16.83	538.6	18.09	557.3	20.73	570.6	21.45
	50	370.9	10.98	440.6	13.30	512.3	15.71	531.0	17.00	538.6	18.27	557.3	20.93	570.6	21.67
	55	370.9	11.18	440.6	13.53	512.3	16.03	523.6	17.35	531.0	18.64	549.7	21.30	563.0	21.82
	60	370.9	11.53	440.6	14.02	504.7	16.69	512.0	18.03	517.9	19.36	536.4	21.97	549.7	22.07
	65	370.9	11.78	440.6	14.33	497.2	17.00	504.7	18.38	510.3	19.73	528.7	22.71	542.0	22.88
	70	370.9	11.33	440.6	13.76	487.9	16.94	493.5	18.64	500.9	20.45	519.3	22.71	532.7	22.94
	75	370.9	11.61	440.6	14.68	480.3	18.12	485.9	19.99	493.5	21.93	511.7	23.80	525.0	23.97
	80	370.9	13.19	440.6	16.71	467.0	20.73	472.6	22.88	480.3	25.15	498.4	25.83	511.7	26.06
	85	370.9	14.05	440.6	17.84	459.6	22.16	467.0	24.42	472.6	26.69	490.7	26.92	504.1	27.13
	90	370.9	15.91	433.2	20.27	446.3	25.15	451.9	27.81	459.6	28.78	477.4	29.01	490.7	29.30
	95	374.9	16.89	430.1	21.59	443.4	26.86	**451.1**	**29.68**	456.8	29.79	474.9	30.08	488.2	30.36
	100	374.9	18.27	422.5	23.34	435.8	29.10	443.4	31.25	449.1	31.42	469.2	31.71	482.5	32.00
	105	374.9	20.61	411.2	26.41	424.4	32.83	431.0	33.60	437.5	33.77	452.8	34.07	459.3	34.41
	110	374.9	23.14	394.1	29.76	410.6	35.81	412.0	35.98	417.9	36.10	426.7	36.47	428.4	36.81
	115	373.1	26.75	379.9	34.23	379.9	37.76	379.9	37.76	379.9	37.76	385.3	37.82	387.0	37.90
	118	324.4	22.68	330.3	29.01	330.7	31.74	330.7	32.03	330.7	32.03	335.5	32.09	334.1	32.14
	122	259.2	17.20	264.9	22.05	263.5	24.17	264.3	24.23	264.9	24.26	269.4	24.32	268.9	24.43
120%	-9.9	337.7	7.80	402.9	9.46	468.1	11.21	501.8	12.10	524.2	13.04	548.0	14.94	559.3	15.45
	-5	337.7	8.25	402.9	10.00	468.1	11.84	501.8	12.76	524.2	13.76	548.0	15.77	559.3	16.31
	0	337.7	8.57	402.9	10.40	468.1	12.30	501.8	13.27	524.2	14.31	548.0	16.40	559.3	16.97
	5	337.7	8.89	402.9	10.78	468.1	12.76	501.8	13.76	524.2	14.83	548.0	17.00	559.3	17.58
	10	337.7	9.15	402.9	11.09	468.1	13.13	501.8	14.16	524.2	15.26	548.0	17.49	559.3	18.09
	14	337.7	9.47	402.9	11.49	468.1	13.59	501.8	14.66	524.2	15.82	548.0	18.12	559.3	18.75
	20	337.7	9.63	402.9	11.67	468.1	13.79	501.8	14.88	524.2	16.03	548.0	18.38	559.3	19.01
	25	337.7	9.75	402.9	11.81	468.1	13.96	501.8	15.08	524.2	16.23	548.0	18.61	559.3	19.24
	30	337.7	9.87	402.9	11.95	468.1	14.13	501.8	15.28	524.2	16.40	548.0	18.81	559.3	19.47
	35	337.7	10.00	402.9	12.07	468.1	14.30	501.8	15.46	524.2	16.60	548.0	19.04	559.3	19.70
	40	337.7	10.12	402.9	12.24	468.1	14.48	501.8	15.65	524.2	16.83	548.0	19.29	559.3	19.96
	45	337.7	10.24	402.9	12.38	468.1	14.65	501.8	15.83	524.2	17.01	548.0	19.50	559.3	20.19
	50	337.7	10.35	402.9	12.53	468.1	14.80	501.8	16.00	524.2	17.20	548.0	19.72	559.3	20.41
	55	337.7	10.52	402.9	12.76	468.1	15.08	501.8	16.34	518.5	17.55	540.3	20.07	553.6	20.56
	60	337.7	10.86	402.9	13.21	468.1	15.71	498.1	16.97	503.7	18.23	527.0	20.70	538.4	21.05
	65	337.7	11.09	402.9	13.50	468.1	16.00	490.5	17.32	498.1	18.58	519.4	21.39	532.7	21.56
	70	337.7	10.87	402.9	13.22	468.1	16.26	481.3	17.89	486.8	19.64	510.0	21.82	521.3	22.02
	75	337.7	11.15	402.9	14.08	468.1	17.40	473.8	19.21	481.3	21.05	502.3	22.85	515.7	23.00
	80	337.7	12.67	402.9	16.05	455.1	19.90	460.7	21.97	466.4	24.14	489.0	24.80	500.4	25.03
	85	337.7	13.48	402.9	17.14	447.7	21.27	453.3	23.45	460.7	25.61	481.4	25.83	494.7	26.06
	90	337.7	15.28	402.9	19.47	434.6	24.14	440.3	26.70	445.7	27.64	468.1	27.84	479.4	28.12
	95	341.1	16.20	407.2	20.73	431.6	25.78	**437.2**	**28.50**	444.8	28.61	465.2	28.87	478.8	29.16
	100	341.1	17.55	407.2	22.42	424.1	27.95	431.6	29.99	437.2	30.16	459.6	30.45	471.1	30.71
	105	341.1	19.76	400.6	25.37	412.8	31.54	419.6	32.25	425.0	32.43	446.2	32.71	453.6	33.00
	110	341.1	22.20	390.4	28.58	403.2	34.38	404.3	34.55	410.3	34.66	423.0	35.01	424.7	35.35
	115	331.8	25.69	376.2	32.86	376.2	36.24	376.2	36.24	376.2	36.24	385.4	36.30	387.1	36.38
	118	296.1	22.68	327.0	27.84	327.5	30.48	327.5	30.76	327.5	30.76	335.5	30.82	334.1	30.85
	122	236.6	17.20	262.4	21.18	261.0	23.20	261.8	23.25	262.4	23.28	269.5	23.36	268.9	23.45

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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ARUN408BTE4, ARUN408DTE4 / ARUB408BTE4, ARUB408DTE4 Cooling Capacity

408,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
110%	-9.9	312.8	7.20	373.2	8.68	433.5	10.29	463.8	11.15	493.9	11.95	544.0	13.62	555.6	14.14
	-5	312.8	7.60	373.2	9.15	433.5	10.84	463.8	11.76	493.9	12.61	544.0	14.39	555.6	14.91
	0	312.8	7.89	373.2	9.52	433.5	11.29	463.8	12.24	493.9	13.11	544.0	14.96	555.6	15.51
	5	312.8	8.17	373.2	9.87	433.5	11.70	463.8	12.68	493.9	13.59	544.0	15.51	555.6	16.08
	10	312.8	8.43	373.2	10.15	433.5	12.04	463.8	13.05	493.9	13.99	544.0	15.94	555.6	16.54
	14	312.8	8.72	373.2	10.52	433.5	12.47	463.8	13.53	493.9	14.48	544.0	16.54	555.6	17.15
	20	312.8	8.86	373.2	10.69	433.5	12.67	463.8	13.71	493.9	14.71	544.0	16.80	555.6	17.41
	25	312.8	8.95	373.2	10.84	433.5	12.82	463.8	13.87	493.9	14.88	544.0	17.03	555.6	17.63
	30	312.8	9.06	373.2	10.98	433.5	12.96	463.8	14.02	493.9	15.08	544.0	17.29	555.6	17.86
	35	312.8	9.20	373.2	11.12	433.5	13.16	463.8	14.22	493.9	15.31	544.0	17.52	555.6	18.15
	40	312.8	9.32	373.2	11.29	433.5	13.34	463.8	14.42	493.9	15.51	544.0	17.78	555.6	18.38
	45	312.8	9.49	373.2	11.47	433.5	13.56	463.8	14.65	493.9	15.77	544.0	18.06	555.6	18.69
	50	312.8	9.63	373.2	11.67	433.5	13.79	463.8	14.91	493.9	16.03	544.0	18.35	555.6	18.98
	55	312.8	9.80	373.2	11.87	433.5	14.05	463.8	15.22	493.9	16.34	536.4	18.69	548.0	19.15
	60	312.8	10.12	373.2	12.30	433.5	14.63	463.8	15.80	493.9	16.97	523.0	19.27	534.4	19.44
	65	312.8	10.32	373.2	12.56	433.5	14.91	463.8	16.12	493.9	17.29	515.4	19.90	526.7	20.07
	70	312.8	10.43	373.2	12.67	433.5	15.60	463.8	17.15	484.5	18.83	505.7	20.90	517.1	21.13
	75	312.8	10.69	373.2	13.50	433.5	16.69	463.8	18.41	476.9	20.18	498.1	21.90	509.5	22.05
	80	309.7	12.15	369.5	15.39	429.2	19.09	453.3	21.07	459.0	23.16	479.6	23.77	491.0	23.99
	85	309.7	12.93	369.5	16.43	429.2	20.39	445.9	22.48	451.6	24.57	472.0	24.77	483.4	24.97
	90	309.7	14.65	369.5	18.67	427.3	23.16	432.9	25.60	438.4	26.49	458.7	26.69	470.1	26.95
	95	309.7	15.54	369.5	19.87	419.9	24.72	**425.3**	**27.32**	431.0	27.44	451.1	27.69	462.4	27.95
	100	309.7	16.83	369.5	21.50	414.2	26.80	419.9	28.76	425.3	28.93	445.4	29.19	456.7	29.45
	105	309.7	18.95	369.5	24.31	401.2	30.24	406.9	30.94	412.3	31.08	432.1	31.37	443.2	31.68
	110	309.7	21.30	369.5	27.41	388.8	32.97	390.1	33.12	395.8	33.23	408.0	33.57	409.7	33.89
	115	309.7	24.63	369.5	31.51	372.3	34.75	372.3	34.75	374.0	34.75	381.4	34.81	383.1	34.87
	118	299.2	22.45	321.3	26.70	324.1	29.22	324.1	29.48	325.6	29.48	332.1	29.53	330.7	29.59
	122	239.1	17.03	257.6	20.30	258.4	22.25	259.0	22.30	260.9	22.33	266.6	22.39	266.3	22.48
100%	-9.9	275.1	6.33	327.8	7.63	380.8	9.06	408.0	9.86	448.5	10.67	502.9	12.30	531.0	12.82
	-5	275.1	6.68	327.8	8.06	380.8	9.55	408.0	10.41	448.5	11.27	502.9	12.99	531.0	13.53
	0	275.1	6.94	327.8	8.37	380.8	9.92	408.0	10.81	448.5	11.72	502.9	13.51	531.0	14.08
	5	275.1	7.20	327.8	8.69	380.8	10.29	408.0	11.21	448.5	12.13	502.9	14.00	531.0	14.59
	10	275.1	7.40	327.8	8.94	380.8	10.58	408.0	11.55	448.5	12.50	502.9	14.42	531.0	15.00
	14	275.1	7.68	327.8	9.26	380.8	10.98	408.0	11.96	448.5	12.93	502.9	14.94	531.0	15.54
	20	275.1	7.91	327.8	9.55	380.8	11.32	408.0	12.30	448.5	13.36	502.9	15.37	531.0	16.00
	25	275.1	8.11	327.8	9.81	380.8	11.61	408.0	12.59	448.5	13.70	502.9	15.74	531.0	16.37
	30	275.1	8.32	327.8	10.06	380.8	11.90	408.0	12.87	448.5	14.05	502.9	16.09	531.0	16.74
	35	275.1	8.43	327.8	10.23	380.8	12.10	408.0	13.07	448.5	14.27	502.9	16.37	531.0	17.00
	40	275.1	8.58	327.8	10.38	380.8	12.28	408.0	13.28	448.5	14.48	502.9	16.60	531.0	17.26
	45	275.1	8.77	327.8	10.61	380.8	12.53	408.0	13.56	448.5	14.79	502.9	16.95	531.0	17.63
	50	275.1	8.94	327.8	10.81	380.8	12.79	408.0	13.84	448.5	15.09	502.9	17.29	531.0	18.00
	55	275.1	9.09	327.8	11.01	380.8	13.04	408.0	14.13	448.5	15.40	502.9	17.60	525.3	18.26
	60	275.1	9.38	327.8	11.41	380.8	13.59	408.0	14.68	448.5	16.00	500.9	18.15	510.3	18.58
	65	275.1	9.58	327.8	11.67	380.8	13.84	408.0	14.97	448.5	16.29	493.3	18.75	504.6	19.13
	70	275.1	9.89	327.8	12.01	380.8	14.77	408.0	16.26	448.5	18.10	484.0	20.10	493.3	20.47
	75	275.1	10.12	327.8	12.79	380.8	15.80	408.0	17.43	448.5	19.41	476.6	21.07	487.9	21.33
	80	275.1	11.52	327.8	14.57	380.8	18.09	408.0	19.96	448.5	22.27	463.3	22.88	472.9	23.19
	85	275.1	12.25	327.8	15.57	380.8	19.32	408.0	21.30	446.5	23.62	455.9	23.82	467.2	24.14
	90	275.1	13.88	327.8	17.69	380.8	21.93	408.0	24.26	431.5	25.48	442.8	25.69	452.2	26.06
	95	275.1	14.73	327.8	18.83	380.8	23.42	**408.0**	**25.89**	425.9	26.38	435.2	26.63	446.5	27.01
	100	275.1	15.91	327.8	20.30	380.8	25.32	400.7	27.18	418.5	27.75	429.5	28.01	439.2	28.39
	105	275.1	17.86	327.8	22.88	378.6	28.47	389.6	29.13	406.0	29.73	416.5	29.99	426.7	30.39
	110	275.1	19.96	327.8	25.69	374.3	30.91	382.8	31.08	390.4	31.63	396.7	31.94	403.8	32.40
	115	275.1	22.94	327.8	29.36	356.2	32.37	367.2	32.37	376.3	32.85	379.9	32.91	381.6	33.12
	118	275.1	23.14	287.6	27.53	310.2	27.21	319.6	27.46	327.8	27.87	330.7	27.92	329.5	28.10
	122	235.2	20.96	230.6	20.93	247.1	20.73	255.5	20.76	262.4	21.10	265.5	21.16	265.2	21.36

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Cooling Capacity ARUN408BTE4, ARUN408DTE4 / ARUB408BTE4, ARUB408DTE4

408,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
90%	-9.9	247.7	5.65	295.0	6.77	344.3	8.00	368.0	8.60	391.6	9.18	438.9	10.58	486.2	11.61
	-5	247.7	5.96	295.0	7.14	344.3	8.43	368.0	9.06	391.6	9.69	438.9	11.16	486.2	12.25
	0	247.7	6.19	295.0	7.43	344.3	8.77	368.0	9.43	391.6	10.09	438.9	11.61	486.2	12.73
	5	247.7	6.42	295.0	7.69	344.3	9.09	368.0	9.78	391.6	10.44	438.9	12.04	486.2	13.21
	10	247.7	6.60	295.0	7.91	344.3	9.35	368.0	10.06	391.6	10.75	438.9	12.38	486.2	13.59
	14	247.7	6.85	295.0	8.20	344.3	9.69	368.0	10.43	391.6	11.13	438.9	12.82	486.2	14.08
	20	247.7	7.09	295.0	8.52	344.3	10.06	368.0	10.83	391.6	11.61	438.9	13.28	486.2	14.62
	25	247.7	7.31	295.0	8.77	344.3	10.35	368.0	11.15	391.6	11.99	438.9	13.67	486.2	15.08
	30	247.7	7.51	295.0	9.03	344.3	10.66	368.0	11.50	391.6	12.38	438.9	14.05	486.2	15.51
	35	247.7	7.74	295.0	9.32	344.3	10.98	368.0	11.84	391.6	12.73	438.9	14.48	486.2	16.00
	40	247.7	7.97	295.0	9.58	344.3	11.30	368.0	12.19	391.6	13.13	438.9	14.91	486.2	16.46
	45	247.7	8.15	295.0	9.81	344.3	11.58	368.0	12.47	391.6	13.44	438.9	15.25	486.2	16.86
	50	247.7	8.34	295.0	10.03	344.3	11.84	368.0	12.76	391.6	13.73	438.9	15.60	486.2	17.23
	55	247.7	8.43	295.0	10.18	344.3	12.04	368.0	13.02	391.6	13.99	438.9	15.91	486.2	17.38
	60	247.7	8.74	295.0	10.60	344.3	12.50	368.0	13.53	391.6	14.56	438.9	16.52	482.2	17.58
	65	247.7	8.89	295.0	10.81	344.3	12.76	368.0	13.79	391.6	14.82	438.9	16.83	479.1	18.46
	70	247.7	9.15	295.0	11.10	344.3	13.22	368.0	14.56	391.6	15.89	438.9	18.78	470.0	19.84
	75	247.7	9.32	295.0	11.62	344.3	14.14	368.0	15.59	391.6	17.08	438.9	19.58	462.7	20.70
	80	247.7	10.44	295.0	13.16	344.3	16.14	368.0	17.80	391.6	19.50	438.9	21.64	449.9	22.53
	85	247.7	11.10	295.0	14.05	344.3	17.29	368.0	18.98	391.6	20.84	433.5	22.79	442.6	23.45
	90	247.7	12.56	295.0	15.89	344.3	19.59	368.0	21.59	391.6	23.71	420.8	24.94	429.8	25.32
	95	247.7	13.36	295.0	16.86	344.3	20.88	**368.0**	**23.05**	391.6	25.31	413.4	25.89	422.5	26.24
	100	247.7	13.82	295.0	17.58	344.3	21.76	368.0	23.94	391.6	25.86	408.0	27.01	415.3	27.30
	105	247.7	16.00	295.0	20.41	344.3	24.60	368.0	26.23	387.3	27.73	395.3	28.95	400.6	29.30
	110	247.7	18.38	295.0	23.54	344.3	26.98	368.0	28.33	371.5	30.07	376.5	31.08	379.4	31.45
	115	247.7	19.90	295.0	25.51	322.4	28.41	348.8	29.62	353.9	31.02	357.0	31.71	358.7	32.11
	118	247.7	21.13	287.6	27.53	280.8	23.89	303.7	25.14	308.0	26.32	310.8	26.90	309.7	27.24
	122	235.4	20.96	230.6	20.93	223.8	18.18	242.8	19.01	246.8	19.93	249.6	20.39	249.3	20.70
80%	-9.9	220.4	4.90	262.3	5.88	306.0	6.85	326.1	7.43	347.9	8.00	389.8	9.15	431.8	10.18
	-5	220.4	5.16	262.3	6.22	306.0	7.22	326.1	7.83	347.9	8.46	389.8	9.66	431.8	10.75
	0	220.4	5.36	262.3	6.46	306.0	7.51	326.1	8.15	347.9	8.80	389.8	10.04	431.8	11.18
	5	220.4	5.56	262.3	6.71	306.0	7.77	326.1	8.46	347.9	9.12	389.8	10.41	431.8	11.59
	10	220.4	5.73	262.3	6.88	306.0	8.00	326.1	8.69	347.9	9.38	389.8	10.70	431.8	11.93
	14	220.4	5.93	262.3	7.14	306.0	8.29	326.1	9.01	347.9	9.72	389.8	11.09	431.8	12.36
	20	220.4	6.16	262.3	7.40	306.0	8.63	326.1	9.35	347.9	10.06	389.8	11.50	431.8	12.84
	25	220.4	6.34	262.3	7.60	306.0	8.91	326.1	9.63	347.9	10.32	389.8	11.84	431.8	13.22
	30	220.4	6.54	262.3	7.83	306.0	9.18	326.1	9.92	347.9	10.61	389.8	12.16	431.8	13.62
	35	220.4	6.71	262.3	8.06	306.0	9.46	326.1	10.18	347.9	10.90	389.8	12.50	431.8	14.02
	40	220.4	6.88	262.3	8.26	306.0	9.69	326.1	10.46	347.9	11.19	389.8	12.84	431.8	14.39
	45	220.4	6.99	262.3	8.37	306.0	9.84	326.1	10.61	347.9	11.35	389.8	13.02	431.8	14.57
	50	220.4	7.08	262.3	8.49	306.0	9.95	326.1	10.75	347.9	11.50	389.8	13.19	431.8	14.77
	55	220.4	7.20	262.3	8.63	306.0	10.15	326.1	10.93	347.9	11.73	389.8	13.45	431.8	15.03
	60	220.4	7.45	262.3	8.92	306.0	10.50	326.1	11.33	347.9	12.19	389.8	13.91	431.8	15.65
	65	220.4	7.54	262.3	9.09	306.0	10.72	326.1	11.55	347.9	12.44	389.8	14.16	431.8	16.00
	70	220.4	7.77	262.3	9.35	306.0	11.04	326.1	11.90	347.9	12.96	389.8	15.28	431.8	17.69
	75	220.4	7.91	262.3	9.52	306.0	11.58	326.1	12.70	347.9	13.82	389.8	16.26	431.8	18.66
	80	220.4	8.66	262.3	10.83	306.0	13.19	326.1	14.42	347.9	15.74	389.8	18.70	431.8	20.84
	85	220.4	9.23	262.3	11.50	306.0	14.05	326.1	15.39	347.9	16.86	389.8	19.92	431.8	21.39
	90	220.4	10.38	262.3	13.05	306.0	15.89	326.1	17.49	347.9	19.16	389.8	21.90	424.7	22.65
	95	220.4	11.04	262.3	13.82	306.0	16.97	**326.1**	**18.55**	347.9	20.39	389.8	22.65	415.4	23.28
	100	220.4	11.90	262.3	14.88	306.0	18.30	326.1	19.87	347.9	21.19	389.8	23.59	406.3	24.03
	105	220.4	13.56	262.3	17.03	306.0	20.38	326.1	21.33	347.9	22.73	385.1	24.52	394.4	25.23
	110	220.4	15.39	262.3	19.41	306.0	21.62	326.1	22.79	347.9	24.49	371.5	25.43	373.4	26.52
	115	220.4	16.46	262.3	20.75	306.0	22.34	326.1	23.94	326.1	25.06	328.1	26.00	328.1	27.58
	118	220.4	17.49	262.3	22.05	280.8	23.89	286.4	22.73	283.9	21.27	285.6	22.05	283.1	23.40
	122	220.4	18.90	231.5	20.79	223.8	18.18	228.9	17.20	227.5	16.11	229.3	16.72	227.8	17.78

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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PERFORMANCE DATA

ARUN408BTE4, ARUN408DTE4 / ARUB408BTE4, ARUB408DTE4 Cooling Capacity

408,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
70%	-9.9	193.0	4.33	229.5	5.13	267.8	6.05	285.9	6.45	304.3	6.88	340.6	7.89	378.8	8.83
	-5	193.0	4.56	229.5	5.42	267.8	6.37	285.9	6.82	304.3	7.26	340.6	8.32	378.8	9.32
	0	193.0	4.73	229.5	5.62	267.8	6.62	285.9	7.09	304.3	7.57	340.6	8.66	378.8	9.69
	5	193.0	4.91	229.5	5.85	267.8	6.88	285.9	7.34	304.3	7.83	340.6	8.97	378.8	10.04
	10	193.0	5.05	229.5	6.00	267.8	7.06	285.9	7.57	304.3	8.06	340.6	9.23	378.8	10.32
	14	193.0	5.24	229.5	6.22	267.8	7.31	285.9	7.83	304.3	8.35	340.6	9.57	378.8	10.70
	20	193.0	5.42	229.5	6.42	267.8	7.54	285.9	8.09	304.3	8.63	340.6	9.86	378.8	11.07
	25	193.0	5.56	229.5	6.60	267.8	7.74	285.9	8.31	304.3	8.89	340.6	10.12	378.8	11.36
	30	193.0	5.71	229.5	6.77	267.8	7.94	285.9	8.52	304.3	9.12	340.6	10.38	378.8	11.67
	35	193.0	5.88	229.5	6.97	267.8	8.15	285.9	8.75	304.3	9.37	340.6	10.64	378.8	11.99
	40	193.0	6.02	229.5	7.14	267.8	8.35	285.9	8.98	304.3	9.61	340.6	10.93	378.8	12.30
	45	193.0	6.11	229.5	7.25	267.8	8.49	285.9	9.14	304.3	9.75	340.6	11.10	378.8	12.47
	50	193.0	6.22	229.5	7.37	267.8	8.63	285.9	9.29	304.3	9.92	340.6	11.29	378.8	12.70
	55	193.0	6.33	229.5	7.51	267.8	8.77	285.9	9.43	304.3	10.10	340.6	11.50	378.8	12.96
	60	193.0	6.51	229.5	7.77	267.8	9.09	285.9	9.78	304.3	10.46	340.6	11.93	378.8	13.45
	65	193.0	6.62	229.5	7.91	267.8	9.23	285.9	9.95	304.3	10.67	340.6	12.16	378.8	13.67
	70	193.0	6.80	229.5	8.12	267.8	9.52	285.9	10.24	304.3	11.01	340.6	12.59	378.8	14.53
	75	193.0	6.91	229.5	8.26	267.8	9.72	285.9	10.61	304.3	11.50	340.6	13.45	378.8	15.39
	80	193.0	7.45	229.5	9.14	267.8	11.04	285.9	12.04	304.3	13.05	340.6	14.88	378.8	17.06
	85	193.0	7.91	229.5	9.72	267.8	11.76	285.9	12.84	304.3	14.05	340.6	15.85	378.8	17.78
	90	193.0	8.89	229.5	10.98	267.8	13.30	285.9	14.53	304.3	15.89	340.6	17.66	378.8	19.30
	95	193.0	9.38	229.5	11.64	267.8	14.16	**285.9**	**15.51**	304.3	16.86	340.6	18.58	378.8	19.89
	100	193.0	10.15	229.5	12.59	267.8	15.28	285.9	16.72	304.3	17.37	340.6	19.44	378.8	20.44
	105	193.0	11.50	229.5	14.34	267.8	16.86	285.9	17.83	304.3	18.87	340.6	20.47	378.8	21.65
	110	193.0	12.96	229.5	16.26	267.8	17.83	285.9	18.92	304.3	20.47	340.6	21.33	368.0	23.28
	115	193.0	13.91	229.5	17.34	267.8	18.44	285.9	19.99	304.3	21.05	340.6	21.99	346.8	24.77
	118	193.0	14.77	229.5	18.41	267.8	19.61	285.9	21.19	276.8	21.05	285.6	18.64	283.1	21.02
	122	193.0	15.94	229.5	19.95	238.9	18.72	228.4	17.43	221.6	15.94	229.3	14.14	227.8	15.97
60%	-9.9	165.8	3.75	196.7	4.35	229.5	5.10	244.0	5.45	260.4	5.87	293.3	6.65	324.2	7.43
	-5	165.8	3.95	196.7	4.59	229.5	5.39	244.0	5.74	260.4	6.19	293.3	7.00	324.2	7.83
	0	165.8	4.10	196.7	4.76	229.5	5.59	244.0	5.99	260.4	6.45	293.3	7.28	324.2	8.14
	5	165.8	4.27	196.7	4.93	229.5	5.79	244.0	6.19	260.4	6.68	293.3	7.57	324.2	8.45
	10	165.8	4.38	196.7	5.08	229.5	5.96	244.0	6.37	260.4	6.86	293.3	7.77	324.2	8.69
	14	165.8	4.53	196.7	5.27	229.5	6.19	244.0	6.60	260.4	7.11	293.3	8.06	324.2	9.00
	20	165.8	4.67	196.7	5.45	229.5	6.39	244.0	6.83	260.4	7.34	293.3	8.32	324.2	9.32
	25	165.8	4.79	196.7	5.62	229.5	6.54	244.0	7.03	260.4	7.54	293.3	8.54	324.2	9.58
	30	165.8	4.90	196.7	5.77	229.5	6.71	244.0	7.22	260.4	7.72	293.3	8.77	324.2	9.84
	35	165.8	5.02	196.7	5.93	229.5	6.88	244.0	7.40	260.4	7.92	293.3	8.98	324.2	10.09
	40	165.8	5.16	196.7	6.08	229.5	7.08	244.0	7.60	260.4	8.14	293.3	9.23	324.2	10.35
	45	165.8	5.21	196.7	6.14	229.5	7.11	244.0	7.66	260.4	8.20	293.3	9.29	324.2	10.44
	50	165.8	5.25	196.7	6.19	229.5	7.20	244.0	7.74	260.4	8.26	293.3	9.38	324.2	10.53
	55	165.8	5.33	196.7	6.28	229.5	7.34	244.0	7.88	260.4	8.40	293.3	9.57	324.2	10.72
	60	165.8	5.50	196.7	6.51	229.5	7.59	244.0	8.17	260.4	8.74	293.3	9.89	324.2	11.15
	65	165.8	5.57	196.7	6.62	229.5	7.74	244.0	8.31	260.4	8.89	293.3	10.10	324.2	11.36
	70	165.8	5.71	196.7	6.80	229.5	7.94	244.0	8.52	260.4	9.14	293.3	10.38	324.2	11.79
	75	165.8	5.82	196.7	6.91	229.5	8.09	244.0	8.71	260.4	9.43	293.3	11.01	324.2	12.56
	80	165.8	6.19	196.7	7.54	229.5	9.06	244.0	9.89	260.4	10.72	293.3	12.33	324.2	14.19
	85	165.8	6.59	196.7	8.03	229.5	9.63	244.0	10.53	260.4	11.47	293.3	12.99	324.2	14.65
	90	165.8	7.37	196.7	9.06	229.5	10.90	244.0	11.90	260.4	12.88	293.3	14.51	324.2	15.97
	95	165.8	7.80	196.7	9.60	229.5	11.58	**244.0**	**12.70**	260.4	13.65	293.3	15.17	324.2	16.83
	100	165.8	8.37	196.7	10.32	229.5	12.47	244.0	13.67	260.4	14.25	293.3	16.08	324.2	17.55
	105	165.8	9.52	196.7	11.75	229.5	13.77	244.0	14.57	260.4	15.51	293.3	17.09	324.2	19.13
	110	165.8	10.72	196.7	13.33	229.5	14.85	244.0	15.46	260.4	16.75	293.3	18.27	324.2	20.87
	115	165.8	11.47	196.7	14.25	229.5	15.43	244.0	16.37	260.4	17.35	293.3	19.32	324.2	22.30
	118	165.8	12.15	196.7	15.11	229.5	16.40	244.0	17.38	260.4	18.46	285.6	18.64	283.1	21.02
	122	165.8	13.10	196.7	16.34	229.5	17.77	228.0	17.63	220.7	16.34	229.3	14.14	227.8	15.97

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Cooling Capacity ARUN408BTE4, ARUN408DTE4 / ARUB408BTE4, ARUB408DTE4

408,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
50%	-9.9	137.7	3.21	164.0	3.78	191.3	4.24	204.0	4.56	216.8	4.91	244.0	5.45	269.5	6.05
	-5	137.7	3.39	164.0	3.99	191.3	4.47	204.0	4.82	216.8	5.19	244.0	5.76	269.5	6.39
	0	137.7	3.53	164.0	4.16	191.3	4.65	204.0	5.02	216.8	5.39	244.0	5.99	269.5	6.63
	5	137.7	3.67	164.0	4.30	191.3	4.82	204.0	5.19	216.8	5.59	244.0	6.20	269.5	6.88
	10	137.7	3.76	164.0	4.44	191.3	4.96	204.0	5.34	216.8	5.76	244.0	6.39	269.5	7.08
	14	137.7	3.90	164.0	4.59	191.3	5.13	204.0	5.53	216.8	5.96	244.0	6.62	269.5	7.34
	20	137.7	4.04	164.0	4.73	191.3	5.36	204.0	5.73	216.8	6.16	244.0	6.85	269.5	7.62
	25	137.7	4.16	164.0	4.85	191.3	5.53	204.0	5.91	216.8	6.31	244.0	7.05	269.5	7.85
	30	137.7	4.30	164.0	4.96	191.3	5.71	204.0	6.08	216.8	6.48	244.0	7.25	269.5	8.08
	35	137.7	4.41	164.0	5.10	191.3	5.85	204.0	6.25	216.8	6.65	244.0	7.46	269.5	8.29
	40	137.7	4.51	164.0	5.24	191.3	6.00	204.0	6.39	216.8	6.82	244.0	7.63	269.5	8.49
	45	137.7	4.59	164.0	5.31	191.3	6.08	204.0	6.48	216.8	6.91	244.0	7.74	269.5	8.63
	50	137.7	4.64	164.0	5.39	191.3	6.17	204.0	6.57	216.8	7.02	244.0	7.86	269.5	8.74
	55	137.7	4.73	164.0	5.48	191.3	6.28	204.0	6.68	216.8	7.11	244.0	8.00	269.5	8.89
	60	137.7	4.84	164.0	5.62	191.3	6.48	204.0	6.91	216.8	7.37	244.0	8.26	269.5	9.23
	65	137.7	4.90	164.0	5.73	191.3	6.57	204.0	7.02	216.8	7.46	244.0	8.40	269.5	9.38
	70	137.7	5.04	164.0	5.82	191.3	6.71	204.0	7.22	216.8	7.66	244.0	8.65	269.5	9.69
	75	137.7	5.08	164.0	5.93	191.3	6.88	204.0	7.31	216.8	7.80	244.0	8.80	269.5	9.89
	80	137.7	5.24	164.0	6.28	191.3	7.37	204.0	7.95	216.8	8.55	244.0	9.83	269.5	11.21
	85	137.7	5.59	164.0	6.62	191.3	7.80	204.0	8.46	216.8	9.09	244.0	10.47	269.5	11.96
	90	137.7	6.22	164.0	7.40	191.3	8.80	204.0	9.49	216.8	10.23	244.0	11.81	269.5	13.53
	95	137.7	6.57	164.0	7.86	191.3	9.29	**204.0**	**10.09**	216.8	10.87	244.0	12.56	269.5	14.37
	100	137.7	6.91	164.0	8.31	191.3	9.83	204.0	10.67	216.8	11.52	244.0	13.33	269.5	15.26
	105	137.7	7.57	164.0	9.17	191.3	10.87	204.0	11.78	216.8	12.73	244.0	14.79	269.5	16.98
	110	137.7	8.35	164.0	10.12	191.3	12.05	204.0	13.10	216.8	14.19	244.0	16.51	269.5	18.98
	115	137.7	8.94	164.0	10.87	191.3	12.96	204.0	14.08	216.8	15.26	244.0	17.78	269.5	20.45
	118	137.7	9.66	164.0	11.79	191.3	14.08	204.0	15.31	216.8	16.63	244.0	18.64	269.5	21.02
	122	137.7	10.66	164.0	13.02	191.3	15.57	204.0	17.00	216.8	16.34	229.3	14.14	227.8	15.97

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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ARUN432BTE4, ARUN432DTE4 / ARUB432BTE4, ARUB432DTE4 Cooling Capacity

432,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
130%	-9.9	392.7	8.67	466.5	10.53	542.4	12.51	562.2	13.47	570.3	14.55	590.1	16.68	604.2	17.22
	-5	392.7	9.15	466.5	11.10	542.4	13.20	562.2	14.22	570.3	15.36	590.1	17.58	604.2	18.18
	0	392.7	9.51	466.5	11.55	542.4	13.71	562.2	14.79	570.3	15.96	590.1	18.30	604.2	18.90
	5	392.7	9.87	466.5	11.97	542.4	14.22	562.2	15.33	570.3	16.56	590.1	18.96	604.2	19.59
	10	392.7	10.14	466.5	12.33	542.4	14.64	562.2	15.78	570.3	17.01	590.1	19.53	604.2	20.16
	14	392.7	10.53	466.5	12.78	542.4	15.15	562.2	16.35	570.3	17.64	590.1	20.22	604.2	20.88
	20	392.7	10.71	466.5	12.96	542.4	15.39	562.2	16.59	570.3	17.88	590.1	20.49	604.2	21.21
	25	392.7	10.86	466.5	13.14	542.4	15.57	562.2	16.80	570.3	18.09	590.1	20.73	604.2	21.45
	30	392.7	11.01	466.5	13.32	542.4	15.75	562.2	17.01	570.3	18.30	590.1	20.97	604.2	21.69
	35	392.7	11.13	466.5	13.47	542.4	15.93	562.2	17.22	570.3	18.51	590.1	21.21	604.2	21.96
	40	392.7	11.28	466.5	13.62	542.4	16.11	562.2	17.43	570.3	18.72	590.1	21.48	604.2	22.23
	45	392.7	11.37	466.5	13.77	542.4	16.29	562.2	17.61	570.3	18.93	590.1	21.69	604.2	22.44
	50	392.7	11.49	466.5	13.92	542.4	16.44	562.2	17.79	570.3	19.11	590.1	21.90	604.2	22.68
	55	392.7	11.70	466.5	14.16	542.4	16.77	554.4	18.15	562.2	19.50	582.0	22.29	596.1	22.83
	60	392.7	12.06	466.5	14.67	534.3	17.46	542.1	18.87	548.4	20.25	567.9	22.98	582.0	23.10
	65	392.7	12.33	466.5	15.00	526.5	17.79	534.3	19.23	540.3	20.64	559.8	23.76	573.9	23.94
	70	392.7	11.85	466.5	14.40	516.6	17.73	522.6	19.50	530.4	21.39	549.9	23.76	564.0	24.00
	75	392.7	12.15	466.5	15.36	508.5	18.96	514.5	20.91	522.6	22.95	541.8	24.90	555.9	25.08
	80	392.7	13.80	466.5	17.49	494.4	21.69	500.4	23.94	508.5	26.31	527.7	27.03	541.8	27.27
	85	392.7	14.70	466.5	18.66	486.6	23.19	494.4	25.56	500.4	27.93	519.6	28.17	533.7	28.38
	90	392.7	16.65	458.7	21.21	472.5	26.31	478.5	29.10	486.6	30.12	505.5	30.36	519.6	30.66
	95	396.9	17.67	455.4	22.59	469.5	28.11	**477.6**	**31.05**	483.6	31.17	502.8	31.47	516.9	31.77
	100	396.9	19.11	447.3	24.42	461.4	30.45	469.5	32.70	475.5	32.88	496.8	33.18	510.9	33.48
	105	396.9	21.57	435.3	27.63	449.4	34.35	456.3	35.16	463.2	35.34	479.4	35.64	486.3	36.00
	110	396.9	24.21	417.3	31.14	434.7	37.47	436.2	37.65	442.5	37.77	451.8	38.16	453.6	38.52
	115	395.1	27.99	402.3	35.82	402.3	39.51	402.3	39.51	402.3	39.51	408.0	39.57	409.8	39.66
	118	343.5	23.73	349.8	30.36	350.1	33.21	350.1	33.51	350.1	33.51	355.2	33.57	353.7	33.63
	122	274.5	18.00	280.5	23.07	279.0	25.29	279.9	25.35	280.5	25.38	285.3	25.44	284.7	25.56
120%	-9.9	357.6	8.16	426.6	9.90	495.6	11.73	531.3	12.66	555.0	13.65	580.2	15.63	592.2	16.17
	-5	357.6	8.64	426.6	10.47	495.6	12.39	531.3	13.35	555.0	14.40	580.2	16.50	592.2	17.07
	0	357.6	8.97	426.6	10.89	495.6	12.87	531.3	13.89	555.0	14.97	580.2	17.16	592.2	17.76
	5	357.6	9.30	426.6	11.28	495.6	13.35	531.3	14.40	555.0	15.51	580.2	17.79	592.2	18.39
	10	357.6	9.57	426.6	11.61	495.6	13.74	531.3	14.82	555.0	15.96	580.2	18.30	592.2	18.93
	14	357.6	9.90	426.6	12.03	495.6	14.22	531.3	15.33	555.0	16.56	580.2	18.96	592.2	19.62
	20	357.6	10.08	426.6	12.21	495.6	14.43	531.3	15.57	555.0	16.77	580.2	19.23	592.2	19.89
	25	357.6	10.20	426.6	12.36	495.6	14.61	531.3	15.78	555.0	16.98	580.2	19.47	592.2	20.13
	30	357.6	10.32	426.6	12.51	495.6	14.79	531.3	15.99	555.0	17.16	580.2	19.68	592.2	20.37
	35	357.6	10.47	426.6	12.63	495.6	14.97	531.3	16.17	555.0	17.37	580.2	19.92	592.2	20.61
	40	357.6	10.59	426.6	12.81	495.6	15.15	531.3	16.38	555.0	17.61	580.2	20.19	592.2	20.88
	45	357.6	10.71	426.6	12.96	495.6	15.33	531.3	16.56	555.0	17.79	580.2	20.40	592.2	21.12
	50	357.6	10.83	426.6	13.11	495.6	15.48	531.3	16.74	555.0	18.00	580.2	20.64	592.2	21.36
	55	357.6	11.01	426.6	13.35	495.6	15.78	531.3	17.10	549.0	18.36	572.1	21.00	586.2	21.51
	60	357.6	11.37	426.6	13.83	495.6	16.44	527.4	17.76	533.4	19.08	558.0	21.66	570.0	22.02
	65	357.6	11.61	426.6	14.13	495.6	16.74	519.3	18.12	527.4	19.44	549.9	22.38	564.0	22.56
	70	357.6	11.37	426.6	13.83	495.6	17.01	509.7	18.72	515.4	20.55	540.0	22.83	552.0	23.04
	75	357.6	11.67	426.6	14.73	495.6	18.21	501.6	20.10	509.7	22.02	531.9	23.91	546.0	24.06
	80	357.6	13.26	426.6	16.80	481.8	20.82	487.8	22.98	493.8	25.26	517.8	25.95	529.8	26.19
	85	357.6	14.10	426.6	17.94	474.0	22.26	480.0	24.54	487.8	26.79	509.7	27.03	523.8	27.27
	90	357.6	15.99	426.6	20.37	460.2	25.26	466.2	27.93	471.9	28.92	495.6	29.13	507.6	29.43
	95	361.2	16.95	431.1	21.69	456.9	26.97	**462.9**	**29.82**	471.0	29.94	492.6	30.21	507.0	30.51
	100	361.2	18.36	431.1	23.46	449.1	29.25	456.9	31.38	462.9	31.56	486.6	31.86	498.9	32.13
	105	361.2	20.67	424.2	26.55	437.1	33.00	444.3	33.75	450.0	33.93	472.5	34.23	480.3	34.53
	110	361.2	23.22	413.4	29.91	426.9	35.97	428.1	36.15	434.4	36.27	447.9	36.63	449.7	36.99
	115	351.3	26.88	398.4	34.38	398.4	37.92	398.4	37.92	398.4	37.92	408.0	37.98	409.8	38.07
	118	313.5	23.73	346.2	29.13	346.8	31.89	346.8	32.19	346.8	32.19	355.2	32.25	353.7	32.28
	122	250.5	18.00	277.8	22.17	276.3	24.27	277.2	24.33	277.8	24.36	285.3	24.45	284.7	24.54

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Cooling Capacity ARUN432BTE4, ARUN432DTE4 / ARUB432BTE4, ARUB432DTE4

432,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
110%	-9.9	331.2	7.53	395.1	9.09	459.0	10.77	491.1	11.67	522.9	12.51	576.0	14.25	588.3	14.79
	-5	331.2	7.95	395.1	9.57	459.0	11.34	491.1	12.30	522.9	13.20	576.0	15.06	588.3	15.60
	0	331.2	8.25	395.1	9.96	459.0	11.82	491.1	12.81	522.9	13.71	576.0	15.66	588.3	16.23
	5	331.2	8.55	395.1	10.32	459.0	12.24	491.1	13.26	522.9	14.22	576.0	16.23	588.3	16.83
	10	331.2	8.82	395.1	10.62	459.0	12.60	491.1	13.65	522.9	14.64	576.0	16.68	588.3	17.31
	14	331.2	9.12	395.1	11.01	459.0	13.05	491.1	14.16	522.9	15.15	576.0	17.31	588.3	17.94
	20	331.2	9.27	395.1	11.19	459.0	13.26	491.1	14.34	522.9	15.39	576.0	17.58	588.3	18.21
	25	331.2	9.36	395.1	11.34	459.0	13.41	491.1	14.52	522.9	15.57	576.0	17.82	588.3	18.45
	30	331.2	9.48	395.1	11.49	459.0	13.56	491.1	14.67	522.9	15.78	576.0	18.09	588.3	18.69
	35	331.2	9.63	395.1	11.64	459.0	13.77	491.1	14.88	522.9	16.02	576.0	18.33	588.3	18.99
	40	331.2	9.75	395.1	11.82	459.0	13.95	491.1	15.09	522.9	16.23	576.0	18.60	588.3	19.23
	45	331.2	9.93	395.1	12.00	459.0	14.19	491.1	15.33	522.9	16.50	576.0	18.90	588.3	19.56
	50	331.2	10.08	395.1	12.21	459.0	14.43	491.1	15.60	522.9	16.77	576.0	19.20	588.3	19.86
	55	331.2	10.26	395.1	12.42	459.0	14.70	491.1	15.93	522.9	17.10	567.9	19.56	580.2	20.04
	60	331.2	10.59	395.1	12.87	459.0	15.30	491.1	16.53	522.9	17.76	553.8	20.16	565.8	20.34
	65	331.2	10.80	395.1	13.14	459.0	15.60	491.1	16.86	522.9	18.09	545.7	20.82	557.7	21.00
	70	331.2	10.92	395.1	13.26	459.0	16.32	491.1	17.94	513.0	19.71	535.5	21.87	547.5	22.11
	75	331.2	11.19	395.1	14.13	459.0	17.46	491.1	19.26	504.9	21.12	527.4	22.92	539.4	23.07
	80	327.9	12.72	391.2	16.11	454.5	19.98	480.0	22.05	486.0	24.24	507.9	24.87	519.9	25.11
	85	327.9	13.53	391.2	17.19	454.5	21.33	472.2	23.52	478.2	25.71	499.8	25.92	511.8	26.13
	90	327.9	15.33	391.2	19.53	452.4	24.24	458.4	26.79	464.1	27.72	485.7	27.93	497.7	28.20
	95	327.9	16.26	391.2	20.79	444.6	25.86	**450.3**	**28.59**	456.3	28.71	477.6	28.98	489.6	29.25
	100	327.9	17.61	391.2	22.50	438.6	28.05	444.6	30.09	450.3	30.27	471.6	30.54	483.6	30.81
	105	327.9	19.83	391.2	25.44	424.8	31.65	430.8	32.37	436.5	32.52	457.5	32.82	469.2	33.15
	110	327.9	22.29	391.2	28.68	411.6	34.50	413.1	34.65	419.1	34.77	432.0	35.13	433.8	35.46
	115	327.9	25.77	391.2	32.97	394.2	36.36	394.2	36.36	396.0	36.36	403.8	36.42	405.6	36.48
	118	316.8	23.49	340.2	27.93	343.2	30.57	343.2	30.84	344.7	30.84	351.6	30.90	350.1	30.96
	122	253.2	17.82	272.7	21.24	273.6	23.28	274.2	23.34	276.3	23.37	282.3	23.43	282.0	23.52
100%	-9.9	291.3	6.63	347.1	7.98	403.2	9.48	432.0	10.32	474.9	11.16	532.5	12.87	562.2	13.41
	-5	291.3	6.99	347.1	8.43	403.2	9.99	432.0	10.89	474.9	11.79	532.5	13.59	562.2	14.16
	0	291.3	7.26	347.1	8.76	403.2	10.38	432.0	11.31	474.9	12.27	532.5	14.13	562.2	14.73
	5	291.3	7.53	347.1	9.09	403.2	10.77	432.0	11.73	474.9	12.69	532.5	14.64	562.2	15.27
	10	291.3	7.74	347.1	9.36	403.2	11.07	432.0	12.09	474.9	13.08	532.5	15.09	562.2	15.69
	14	291.3	8.04	347.1	9.69	403.2	11.49	432.0	12.51	474.9	13.53	532.5	15.63	562.2	16.26
	20	291.3	8.28	347.1	9.99	403.2	11.85	432.0	12.87	474.9	13.98	532.5	16.08	562.2	16.74
	25	291.3	8.49	347.1	10.26	403.2	12.15	432.0	13.17	474.9	14.34	532.5	16.47	562.2	17.13
	30	291.3	8.70	347.1	10.53	403.2	12.45	432.0	13.47	474.9	14.70	532.5	16.83	562.2	17.52
	35	291.3	8.82	347.1	10.71	403.2	12.66	432.0	13.68	474.9	14.94	532.5	17.13	562.2	17.79
	40	291.3	8.97	347.1	10.86	403.2	12.84	432.0	13.89	474.9	15.15	532.5	17.37	562.2	18.06
	45	291.3	9.18	347.1	11.10	403.2	13.11	432.0	14.19	474.9	15.48	532.5	17.73	562.2	18.45
	50	291.3	9.36	347.1	11.31	403.2	13.38	432.0	14.49	474.9	15.78	532.5	18.09	562.2	18.84
	55	291.3	9.51	347.1	11.52	403.2	13.65	432.0	14.79	474.9	16.11	532.5	18.42	556.2	19.11
	60	291.3	9.81	347.1	11.94	403.2	14.22	432.0	15.36	474.9	16.74	530.4	18.99	540.3	19.44
	65	291.3	10.02	347.1	12.21	403.2	14.49	432.0	15.66	474.9	17.04	522.3	19.62	534.3	20.01
	70	291.3	10.35	347.1	12.57	403.2	15.45	432.0	17.01	474.9	18.93	512.4	21.03	522.3	21.42
	75	291.3	10.59	347.1	13.38	403.2	16.53	432.0	18.24	474.9	20.31	504.6	22.05	516.6	22.32
	80	291.3	12.06	347.1	15.24	403.2	18.93	432.0	20.88	474.9	23.31	490.5	23.94	500.7	24.27
	85	291.3	12.81	347.1	16.29	403.2	20.22	432.0	22.29	472.8	24.72	482.7	24.93	494.7	25.26
	90	291.3	14.52	347.1	18.51	403.2	22.95	432.0	25.38	456.9	26.67	468.9	26.88	478.8	27.27
	95	291.3	15.42	347.1	19.71	403.2	24.51	**432.0**	**27.09**	450.9	27.60	460.8	27.87	472.8	28.26
	100	291.3	16.65	347.1	21.24	403.2	26.49	424.2	28.44	443.1	29.04	454.8	29.31	465.0	29.70
	105	291.3	18.69	347.1	23.94	400.8	29.79	412.5	30.48	429.9	31.11	441.0	31.38	451.8	31.80
	110	291.3	20.88	347.1	26.88	396.3	32.34	405.3	32.52	413.4	33.09	420.0	33.42	427.5	33.90
	115	291.3	24.00	347.1	30.72	377.1	33.87	388.8	33.87	398.4	34.38	402.3	34.44	404.1	34.65
	118	291.3	24.21	304.5	28.80	328.5	28.47	338.4	28.74	347.1	29.16	350.1	29.22	348.9	29.40
	122	249.0	21.93	244.2	21.90	261.6	21.69	270.6	21.72	277.8	22.08	281.1	22.14	280.8	22.35

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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ARUN432BTE4, ARUN432DTE4 / ARUB432BTE4, ARUB432DTE4 Cooling Capacity

432,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
90%	-9.9	262.2	5.91	312.3	7.08	364.5	8.37	389.7	9.00	414.6	9.60	464.7	11.07	514.8	12.15
	-5	262.2	6.24	312.3	7.47	364.5	8.82	389.7	9.48	414.6	10.14	464.7	11.67	514.8	12.81
	0	262.2	6.48	312.3	7.77	364.5	9.18	389.7	9.87	414.6	10.56	464.7	12.15	514.8	13.32
	5	262.2	6.72	312.3	8.04	364.5	9.51	389.7	10.23	414.6	10.92	464.7	12.60	514.8	13.83
	10	262.2	6.90	312.3	8.28	364.5	9.78	389.7	10.53	414.6	11.25	464.7	12.96	514.8	14.22
	14	262.2	7.17	312.3	8.58	364.5	10.14	389.7	10.92	414.6	11.64	464.7	13.41	514.8	14.73
	20	262.2	7.41	312.3	8.91	364.5	10.53	389.7	11.34	414.6	12.15	464.7	13.89	514.8	15.30
	25	262.2	7.65	312.3	9.18	364.5	10.83	389.7	11.67	414.6	12.54	464.7	14.31	514.8	15.78
	30	262.2	7.86	312.3	9.45	364.5	11.16	389.7	12.03	414.6	12.96	464.7	14.70	514.8	16.23
	35	262.2	8.10	312.3	9.75	364.5	11.49	389.7	12.39	414.6	13.32	464.7	15.15	514.8	16.74
	40	262.2	8.34	312.3	10.02	364.5	11.82	389.7	12.75	414.6	13.74	464.7	15.60	514.8	17.22
	45	262.2	8.52	312.3	10.26	364.5	12.12	389.7	13.05	414.6	14.07	464.7	15.96	514.8	17.64
	50	262.2	8.73	312.3	10.50	364.5	12.39	389.7	13.35	414.6	14.37	464.7	16.32	514.8	18.03
	55	262.2	8.82	312.3	10.65	364.5	12.60	389.7	13.62	414.6	14.64	464.7	16.65	514.8	18.18
	60	262.2	9.15	312.3	11.10	364.5	13.08	389.7	14.16	414.6	15.24	464.7	17.28	510.6	18.39
	65	262.2	9.30	312.3	11.31	364.5	13.35	389.7	14.43	414.6	15.51	464.7	17.61	507.3	19.32
	70	262.2	9.57	312.3	11.61	364.5	13.83	389.7	15.24	414.6	16.62	464.7	19.65	497.7	20.76
	75	262.2	9.75	312.3	12.15	364.5	14.79	389.7	16.32	414.6	17.88	464.7	20.49	489.9	21.66
	80	262.2	10.92	312.3	13.77	364.5	16.89	389.7	18.63	414.6	20.40	464.7	22.65	476.4	23.58
	85	262.2	11.61	312.3	14.70	364.5	18.09	389.7	19.86	414.6	21.81	459.0	23.85	468.6	24.54
	90	262.2	13.14	312.3	16.62	364.5	20.49	389.7	22.59	414.6	24.81	445.5	26.10	455.1	26.49
	95	262.2	13.98	312.3	17.64	364.5	21.84	**389.7**	**24.12**	414.6	26.49	437.7	27.09	447.3	27.45
	100	262.2	14.46	312.3	18.39	364.5	22.77	389.7	25.05	414.6	27.06	432.0	28.26	439.8	28.56
	105	262.2	16.74	312.3	21.36	364.5	25.74	389.7	27.45	410.1	29.01	418.5	30.30	424.2	30.66
	110	262.2	19.23	312.3	24.63	364.5	28.23	389.7	29.64	393.3	31.47	398.7	32.52	401.7	32.91
	115	262.2	20.82	312.3	26.70	341.4	29.73	369.3	30.99	374.7	32.46	378.0	33.18	379.8	33.60
	118	262.2	22.11	304.5	28.80	297.3	24.99	321.6	26.31	326.1	27.54	329.1	28.14	327.9	28.50
	122	249.3	21.93	244.2	21.90	237.0	19.02	257.1	19.89	261.3	20.85	264.3	21.33	264.0	21.66
80%	-9.9	233.4	5.13	277.8	6.15	324.0	7.17	345.3	7.77	368.4	8.37	412.8	9.57	457.2	10.65
	-5	233.4	5.40	277.8	6.51	324.0	7.56	345.3	8.19	368.4	8.85	412.8	10.11	457.2	11.25
	0	233.4	5.61	277.8	6.75	324.0	7.86	345.3	8.52	368.4	9.21	412.8	10.50	457.2	11.70
	5	233.4	5.82	277.8	7.02	324.0	8.13	345.3	8.85	368.4	9.54	412.8	10.89	457.2	12.12
	10	233.4	6.00	277.8	7.20	324.0	8.37	345.3	9.09	368.4	9.81	412.8	11.19	457.2	12.48
	14	233.4	6.21	277.8	7.47	324.0	8.67	345.3	9.42	368.4	10.17	412.8	11.61	457.2	12.93
	20	233.4	6.45	277.8	7.74	324.0	9.03	345.3	9.78	368.4	10.53	412.8	12.03	457.2	13.44
	25	233.4	6.63	277.8	7.95	324.0	9.33	345.3	10.08	368.4	10.80	412.8	12.39	457.2	13.83
	30	233.4	6.84	277.8	8.19	324.0	9.60	345.3	10.38	368.4	11.10	412.8	12.72	457.2	14.25
	35	233.4	7.02	277.8	8.43	324.0	9.90	345.3	10.65	368.4	11.40	412.8	13.08	457.2	14.67
	40	233.4	7.20	277.8	8.64	324.0	10.14	345.3	10.95	368.4	11.70	412.8	13.44	457.2	15.06
	45	233.4	7.32	277.8	8.76	324.0	10.29	345.3	11.10	368.4	11.88	412.8	13.62	457.2	15.24
	50	233.4	7.41	277.8	8.88	324.0	10.41	345.3	11.25	368.4	12.03	412.8	13.80	457.2	15.45
	55	233.4	7.53	277.8	9.03	324.0	10.62	345.3	11.43	368.4	12.27	412.8	14.07	457.2	15.72
	60	233.4	7.80	277.8	9.33	324.0	10.98	345.3	11.85	368.4	12.75	412.8	14.55	457.2	16.38
	65	233.4	7.89	277.8	9.51	324.0	11.22	345.3	12.09	368.4	13.02	412.8	14.82	457.2	16.74
	70	233.4	8.13	277.8	9.78	324.0	11.55	345.3	12.45	368.4	13.56	412.8	15.99	457.2	18.51
	75	233.4	8.28	277.8	9.96	324.0	12.12	345.3	13.29	368.4	14.46	412.8	17.01	457.2	19.53
	80	233.4	9.06	277.8	11.34	324.0	13.80	345.3	15.09	368.4	16.47	412.8	19.56	457.2	21.81
	85	233.4	9.66	277.8	12.03	324.0	14.70	345.3	16.11	368.4	17.64	412.8	20.85	457.2	22.38
	90	233.4	10.86	277.8	13.65	324.0	16.62	345.3	18.30	368.4	20.04	412.8	22.92	449.7	23.70
	95	233.4	11.55	277.8	14.46	324.0	17.76	**345.3**	**19.41**	368.4	21.33	412.8	23.70	439.8	24.36
	100	233.4	12.45	277.8	15.57	324.0	19.14	345.3	20.79	368.4	22.17	412.8	24.69	430.2	25.14
	105	233.4	14.19	277.8	17.82	324.0	21.33	345.3	22.32	368.4	23.79	407.7	25.65	417.6	26.40
	110	233.4	16.11	277.8	20.31	324.0	22.62	345.3	23.85	368.4	25.62	393.3	26.61	395.4	27.75
	115	233.4	17.22	277.8	21.72	324.0	23.37	345.3	25.05	345.3	26.22	347.4	27.21	347.4	28.86
	118	233.4	18.30	277.8	23.07	297.3	24.99	303.3	23.79	300.6	22.26	302.4	23.07	299.7	24.48
	122	233.4	19.77	245.1	21.75	237.0	19.02	242.4	18.00	240.9	16.86	242.7	17.49	241.2	18.60

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Cooling Capacity ARUN432BTE4, ARUN432DTE4 / ARUB432BTE4, ARUB432DTE4

432,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
70%	-9.9	204.3	4.53	243.0	5.37	283.5	6.33	302.7	6.75	322.2	7.20	360.6	8.25	401.1	9.24
	-5	204.3	4.77	243.0	5.67	283.5	6.66	302.7	7.14	322.2	7.59	360.6	8.70	401.1	9.75
	0	204.3	4.95	243.0	5.88	283.5	6.93	302.7	7.41	322.2	7.92	360.6	9.06	401.1	10.14
	5	204.3	5.13	243.0	6.12	283.5	7.20	302.7	7.68	322.2	8.19	360.6	9.39	401.1	10.50
	10	204.3	5.28	243.0	6.27	283.5	7.38	302.7	7.92	322.2	8.43	360.6	9.66	401.1	10.80
	14	204.3	5.49	243.0	6.51	283.5	7.65	302.7	8.19	322.2	8.73	360.6	10.02	401.1	11.19
	20	204.3	5.67	243.0	6.72	283.5	7.89	302.7	8.46	322.2	9.03	360.6	10.32	401.1	11.58
	25	204.3	5.82	243.0	6.90	283.5	8.10	302.7	8.70	322.2	9.30	360.6	10.59	401.1	11.88
	30	204.3	5.97	243.0	7.08	283.5	8.31	302.7	8.91	322.2	9.54	360.6	10.86	401.1	12.21
	35	204.3	6.15	243.0	7.29	283.5	8.52	302.7	9.15	322.2	9.81	360.6	11.13	401.1	12.54
	40	204.3	6.30	243.0	7.47	283.5	8.73	302.7	9.39	322.2	10.05	360.6	11.43	401.1	12.87
	45	204.3	6.39	243.0	7.59	283.5	8.88	302.7	9.57	322.2	10.20	360.6	11.61	401.1	13.05
	50	204.3	6.51	243.0	7.71	283.5	9.03	302.7	9.72	322.2	10.38	360.6	11.82	401.1	13.29
	55	204.3	6.63	243.0	7.86	283.5	9.18	302.7	9.87	322.2	10.56	360.6	12.03	401.1	13.56
	60	204.3	6.81	243.0	8.13	283.5	9.51	302.7	10.23	322.2	10.95	360.6	12.48	401.1	14.07
	65	204.3	6.93	243.0	8.28	283.5	9.66	302.7	10.41	322.2	11.16	360.6	12.72	401.1	14.31
	70	204.3	7.11	243.0	8.49	283.5	9.96	302.7	10.71	322.2	11.52	360.6	13.17	401.1	15.21
	75	204.3	7.23	243.0	8.64	283.5	10.17	302.7	11.10	322.2	12.03	360.6	14.07	401.1	16.11
	80	204.3	7.80	243.0	9.57	283.5	11.55	302.7	12.60	322.2	13.65	360.6	15.57	401.1	17.85
	85	204.3	8.28	243.0	10.17	283.5	12.30	302.7	13.44	322.2	14.70	360.6	16.59	401.1	18.60
	90	204.3	9.30	243.0	11.49	283.5	13.92	302.7	15.21	322.2	16.62	360.6	18.48	401.1	20.19
	95	204.3	9.81	243.0	12.18	283.5	14.82	**302.7**	**16.23**	322.2	17.64	360.6	19.44	401.1	20.82
	100	204.3	10.62	243.0	13.17	283.5	15.99	302.7	17.49	322.2	18.18	360.6	20.34	401.1	21.39
	105	204.3	12.03	243.0	15.00	283.5	17.64	302.7	18.66	322.2	19.74	360.6	21.42	401.1	22.65
	110	204.3	13.56	243.0	17.01	283.5	18.66	302.7	19.80	322.2	21.42	360.6	22.32	389.7	24.36
	115	204.3	14.55	243.0	18.15	283.5	19.29	302.7	20.91	322.2	22.02	360.6	23.01	367.2	25.92
	118	204.3	15.45	243.0	19.26	283.5	20.52	302.7	22.17	293.1	22.02	302.4	19.50	299.7	21.99
	122	204.3	16.68	243.0	20.88	252.9	19.59	241.8	18.24	234.6	16.68	242.7	14.79	241.2	16.71
60%	-9.9	175.5	3.93	208.2	4.56	243.0	5.34	258.3	5.70	275.7	6.15	310.5	6.96	343.2	7.77
	-5	175.5	4.14	208.2	4.80	243.0	5.64	258.3	6.00	275.7	6.48	310.5	7.32	343.2	8.19
	0	175.5	4.29	208.2	4.98	243.0	5.85	258.3	6.27	275.7	6.75	310.5	7.62	343.2	8.52
	5	175.5	4.47	208.2	5.16	243.0	6.06	258.3	6.48	275.7	6.99	310.5	7.92	343.2	8.85
	10	175.5	4.59	208.2	5.31	243.0	6.24	258.3	6.66	275.7	7.17	310.5	8.13	343.2	9.09
	14	175.5	4.74	208.2	5.52	243.0	6.48	258.3	6.90	275.7	7.44	310.5	8.43	343.2	9.42
	20	175.5	4.89	208.2	5.70	243.0	6.69	258.3	7.14	275.7	7.68	310.5	8.70	343.2	9.75
	25	175.5	5.01	208.2	5.88	243.0	6.84	258.3	7.35	275.7	7.89	310.5	8.94	343.2	10.02
	30	175.5	5.13	208.2	6.03	243.0	7.02	258.3	7.56	275.7	8.07	310.5	9.18	343.2	10.29
	35	175.5	5.25	208.2	6.21	243.0	7.20	258.3	7.74	275.7	8.28	310.5	9.39	343.2	10.56
	40	175.5	5.40	208.2	6.36	243.0	7.41	258.3	7.95	275.7	8.52	310.5	9.66	343.2	10.83
	45	175.5	5.46	208.2	6.42	243.0	7.44	258.3	8.01	275.7	8.58	310.5	9.72	343.2	10.92
	50	175.5	5.49	208.2	6.48	243.0	7.53	258.3	8.10	275.7	8.64	310.5	9.81	343.2	11.01
	55	175.5	5.58	208.2	6.57	243.0	7.68	258.3	8.25	275.7	8.79	310.5	10.02	343.2	11.22
	60	175.5	5.76	208.2	6.81	243.0	7.95	258.3	8.55	275.7	9.15	310.5	10.35	343.2	11.67
	65	175.5	5.82	208.2	6.93	243.0	8.10	258.3	8.70	275.7	9.30	310.5	10.56	343.2	11.88
	70	175.5	5.97	208.2	7.11	243.0	8.31	258.3	8.91	275.7	9.57	310.5	10.86	343.2	12.33
	75	175.5	6.09	208.2	7.23	243.0	8.46	258.3	9.12	275.7	9.87	310.5	11.52	343.2	13.14
	80	175.5	6.48	208.2	7.89	243.0	9.48	258.3	10.35	275.7	11.22	310.5	12.90	343.2	14.85
	85	175.5	6.90	208.2	8.40	243.0	10.08	258.3	11.01	275.7	12.00	310.5	13.59	343.2	15.33
	90	175.5	7.71	208.2	9.48	243.0	11.40	258.3	12.45	275.7	13.47	310.5	15.18	343.2	16.71
	95	175.5	8.16	208.2	10.05	243.0	12.12	**258.3**	**13.29**	275.7	14.28	310.5	15.87	343.2	17.61
	100	175.5	8.76	208.2	10.80	243.0	13.05	258.3	14.31	275.7	14.91	310.5	16.83	343.2	18.36
	105	175.5	9.96	208.2	12.30	243.0	14.40	258.3	15.24	275.7	16.23	310.5	17.88	343.2	20.01
	110	175.5	11.22	208.2	13.95	243.0	15.54	258.3	16.17	275.7	17.52	310.5	19.11	343.2	21.84
	115	175.5	12.00	208.2	14.91	243.0	16.14	258.3	17.13	275.7	18.15	310.5	20.22	343.2	23.34
	118	175.5	12.72	208.2	15.81	243.0	17.16	258.3	18.18	275.7	19.32	302.4	19.50	299.7	21.99
	122	175.5	13.71	208.2	17.10	243.0	18.60	241.5	18.45	233.7	17.10	242.7	14.79	241.2	16.71

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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PERFORMANCE DATA

ARUN432BTE4, ARUN432DTE4 / ARUB432BTE4, ARUB432DTE4 Cooling Capacity

432,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
50%	-9.9	145.8	3.36	173.7	3.96	202.5	4.44	216.0	4.77	229.5	5.13	258.3	5.70	285.3	6.33
	-5	145.8	3.54	173.7	4.17	202.5	4.68	216.0	5.04	229.5	5.43	258.3	6.03	285.3	6.69
	0	145.8	3.69	173.7	4.35	202.5	4.86	216.0	5.25	229.5	5.64	258.3	6.27	285.3	6.93
	5	145.8	3.84	173.7	4.50	202.5	5.04	216.0	5.43	229.5	5.85	258.3	6.48	285.3	7.20
	10	145.8	3.93	173.7	4.65	202.5	5.19	216.0	5.58	229.5	6.03	258.3	6.69	285.3	7.41
	14	145.8	4.08	173.7	4.80	202.5	5.37	216.0	5.79	229.5	6.24	258.3	6.93	285.3	7.68
	20	145.8	4.23	173.7	4.95	202.5	5.61	216.0	6.00	229.5	6.45	258.3	7.17	285.3	7.98
	25	145.8	4.35	173.7	5.07	202.5	5.79	216.0	6.18	229.5	6.60	258.3	7.38	285.3	8.22
	30	145.8	4.50	173.7	5.19	202.5	5.97	216.0	6.36	229.5	6.78	258.3	7.59	285.3	8.46
	35	145.8	4.62	173.7	5.34	202.5	6.12	216.0	6.54	229.5	6.96	258.3	7.80	285.3	8.67
	40	145.8	4.71	173.7	5.49	202.5	6.27	216.0	6.69	229.5	7.14	258.3	7.98	285.3	8.88
	45	145.8	4.80	173.7	5.55	202.5	6.36	216.0	6.78	229.5	7.23	258.3	8.10	285.3	9.03
	50	145.8	4.86	173.7	5.64	202.5	6.45	216.0	6.87	229.5	7.35	258.3	8.22	285.3	9.15
	55	145.8	4.95	173.7	5.73	202.5	6.57	216.0	6.99	229.5	7.44	258.3	8.37	285.3	9.30
	60	145.8	5.07	173.7	5.88	202.5	6.78	216.0	7.23	229.5	7.71	258.3	8.64	285.3	9.66
	65	145.8	5.13	173.7	6.00	202.5	6.87	216.0	7.35	229.5	7.80	258.3	8.79	285.3	9.81
	70	145.8	5.28	173.7	6.09	202.5	7.02	216.0	7.56	229.5	8.01	258.3	9.06	285.3	10.14
	75	145.8	5.31	173.7	6.21	202.5	7.20	216.0	7.65	229.5	8.16	258.3	9.21	285.3	10.35
	80	145.8	5.49	173.7	6.57	202.5	7.71	216.0	8.31	229.5	8.94	258.3	10.29	285.3	11.73
	85	145.8	5.85	173.7	6.93	202.5	8.16	216.0	8.85	229.5	9.51	258.3	10.95	285.3	12.51
	90	145.8	6.51	173.7	7.74	202.5	9.21	216.0	9.93	229.5	10.71	258.3	12.36	285.3	14.16
	95	145.8	6.87	173.7	8.22	202.5	9.72	**216.0**	**10.56**	229.5	11.37	258.3	13.14	285.3	15.03
	100	145.8	7.23	173.7	8.70	202.5	10.29	216.0	11.16	229.5	12.06	258.3	13.95	285.3	15.96
	105	145.8	7.92	173.7	9.60	202.5	11.37	216.0	12.33	229.5	13.32	258.3	15.48	285.3	17.76
	110	145.8	8.73	173.7	10.59	202.5	12.60	216.0	13.71	229.5	14.85	258.3	17.28	285.3	19.86
	115	145.8	9.36	173.7	11.37	202.5	13.56	216.0	14.73	229.5	15.96	258.3	18.60	285.3	21.39
	118	145.8	10.11	173.7	12.33	202.5	14.73	216.0	16.02	229.5	17.40	258.3	19.50	285.3	21.99
	122	145.8	11.16	173.7	13.62	202.5	16.29	216.0	17.79	229.5	17.10	242.7	14.79	241.2	16.71

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Cooling Capacity ARUN456BTE4, ARUN456DTE4 / ARUB456BTE4, ARUB456DTE4

456,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
130%	-9.9	414.6	10.1	492.5	12.26	572.5	14.56	593.5	15.70	602.0	16.94	622.9	19.41	637.8	20.06
	-5	414.6	10.7	492.5	12.93	572.5	15.35	593.5	16.56	602.0	17.87	622.9	20.48	637.8	21.17
	0	414.6	11.1	492.5	13.45	572.5	15.97	593.5	17.24	602.0	18.59	622.9	21.30	637.8	22.02
	5	414.6	11.5	492.5	13.94	572.5	16.55	593.5	17.86	602.0	19.27	622.9	22.08	637.8	22.81
	10	414.6	11.8	492.5	14.34	572.5	17.02	593.5	18.38	602.0	19.82	622.9	22.71	637.8	23.46
	14	414.6	12.2	492.5	14.86	572.5	17.64	593.5	19.04	602.0	20.54	622.9	23.55	637.8	24.34
	20	414.6	12.46	492.5	15.11	572.5	17.90	593.5	19.33	602.0	20.81	622.9	23.88	637.8	24.67
	25	414.6	12.63	492.5	15.31	572.5	18.12	593.5	19.57	602.0	21.07	622.9	24.14	637.8	24.97
	30	414.6	12.80	492.5	15.50	572.5	18.32	593.5	19.82	602.0	21.30	622.9	24.41	637.8	25.26
	35	414.6	12.95	492.5	15.70	572.5	18.55	593.5	20.03	602.0	21.56	622.9	24.70	637.8	25.56
	40	414.6	13.12	492.5	15.87	572.5	18.78	593.5	20.29	602.0	21.82	622.9	25.00	637.8	25.88
	45	414.6	13.25	492.5	16.03	572.5	18.98	593.5	20.51	602.0	22.02	622.9	25.26	637.8	26.14
	50	414.6	13.38	492.5	16.19	572.5	19.14	593.5	20.71	602.0	22.25	622.9	25.52	637.8	26.40
	55	414.6	13.61	492.5	16.49	572.5	19.53	585.2	21.14	593.5	22.70	614.4	25.95	629.2	26.57
	60	414.6	14.04	492.5	17.08	564.0	20.34	572.2	21.96	578.9	23.59	599.5	26.77	614.4	26.87
	65	414.6	14.34	492.5	17.44	555.7	20.71	564.0	22.41	570.4	24.04	590.9	27.65	605.8	27.88
	70	414.6	13.81	492.5	16.78	545.3	20.64	551.6	22.71	559.9	24.90	580.4	27.68	595.3	27.94
	75	414.6	14.14	492.5	17.87	536.8	22.08	543.1	24.37	551.6	26.70	571.9	28.99	586.8	29.19
	80	414.6	16.07	492.5	20.35	521.9	25.26	528.3	27.88	536.8	30.65	557.0	31.47	571.9	31.74
	85	414.6	17.11	492.5	21.73	513.6	26.99	521.9	29.74	528.3	32.52	548.5	32.78	563.4	33.05
	90	414.6	19.40	484.2	24.70	498.8	30.65	505.1	33.89	513.6	35.07	533.6	35.34	548.5	35.69
	95	419.0	20.57	480.7	26.30	495.6	32.72	**504.1**	**36.16**	510.5	36.31	530.7	36.65	545.7	37.00
	100	419.0	22.25	472.2	28.43	487.1	35.46	495.6	38.06	502.0	38.28	524.3	38.63	539.3	38.97
	105	419.0	25.10	459.5	32.17	474.4	39.99	481.7	40.93	489.0	41.13	506.0	41.52	513.3	41.91
	110	419.0	28.17	440.5	36.26	458.9	43.64	460.4	43.84	467.1	43.98	476.9	44.43	478.8	44.85
	115	417.0	32.61	424.6	41.71	424.6	46.00	424.6	46.00	424.6	46.00	430.7	46.07	432.6	46.16
	118	362.6	27.62	369.2	35.34	369.6	38.67	369.6	39.03	369.6	39.03	375.0	39.10	373.4	39.16
	122	289.7	20.97	296.1	26.86	294.5	29.44	295.4	29.51	296.1	29.55	301.1	29.64	300.6	29.77
120%	-9.9	377.4	9.52	450.3	11.55	523.2	13.67	560.8	14.73	585.8	15.90	612.4	18.22	625.1	18.82
	-5	377.4	10.0	450.3	12.17	523.2	14.42	560.8	15.54	585.8	16.76	612.4	19.21	625.1	19.86
	0	377.4	10.4	450.3	12.66	523.2	14.99	560.8	16.16	585.8	17.44	612.4	19.99	625.1	20.65
	5	377.4	10.8	450.3	13.12	523.2	15.54	560.8	16.75	585.8	18.06	612.4	20.71	625.1	21.40
	10	377.4	11.1	450.3	13.51	523.2	15.99	560.8	17.24	585.8	18.59	612.4	21.31	625.1	22.02
	14	377.4	11.6	450.3	14.00	523.2	16.56	560.8	17.86	585.8	19.27	612.4	22.09	625.1	22.83
	20	377.4	11.72	450.3	14.20	523.2	16.81	560.8	18.13	585.8	19.54	612.4	22.41	625.1	23.16
	25	377.4	11.88	450.3	14.37	523.2	17.01	560.8	18.36	585.8	19.76	612.4	22.67	625.1	23.43
	30	377.4	12.03	450.3	14.56	523.2	17.21	560.8	18.61	585.8	19.99	612.4	22.91	625.1	23.72
	35	377.4	12.18	450.3	14.72	523.2	17.41	560.8	18.84	585.8	20.25	612.4	23.20	625.1	24.01
	40	377.4	12.33	450.3	14.92	523.2	17.64	560.8	19.07	585.8	20.51	612.4	23.49	625.1	24.31
	45	377.4	12.47	450.3	15.08	523.2	17.83	560.8	19.30	585.8	20.72	612.4	23.75	625.1	24.60
	50	377.4	12.60	450.3	15.25	523.2	18.03	560.8	19.50	585.8	20.97	612.4	24.02	625.1	24.86
	55	377.4	12.82	450.3	15.54	523.2	18.39	560.8	19.92	579.5	21.37	603.9	24.44	618.8	25.04
	60	377.4	13.22	450.3	16.09	523.2	19.14	556.7	20.68	563.0	22.21	589.0	25.20	601.7	25.65
	65	377.4	13.51	450.3	16.43	523.2	19.50	548.2	21.10	556.7	22.64	580.5	26.04	595.4	26.24
	70	377.4	13.25	450.3	16.10	523.2	19.80	538.0	21.79	544.1	23.92	570.0	26.57	582.7	26.83
	75	377.4	13.58	450.3	17.15	523.2	21.20	529.5	23.39	538.0	25.65	561.4	27.84	576.3	28.03
	80	377.4	15.44	450.3	19.54	508.6	24.25	514.9	26.76	521.2	29.41	546.5	30.20	559.2	30.49
	85	377.4	16.43	450.3	20.87	500.3	25.91	506.6	28.56	514.9	31.21	538.0	31.47	552.9	31.74
	90	377.4	18.62	450.3	23.72	485.8	29.41	492.1	32.53	498.2	33.66	523.1	33.93	535.8	34.25
	95	381.3	19.73	455.1	25.25	482.3	31.41	**488.7**	**34.72**	497.2	34.85	520.0	35.18	535.1	35.50
	100	381.3	21.37	455.1	27.29	474.0	34.05	482.3	36.54	488.7	36.74	513.6	37.07	526.6	37.42
	105	381.3	24.08	447.8	30.91	461.4	38.41	468.9	39.29	475.0	39.49	498.7	39.85	507.0	40.21
	110	381.3	27.06	436.4	34.81	450.6	41.88	451.9	42.08	458.6	42.24	472.8	42.64	474.7	43.05
	115	370.8	31.31	420.5	40.04	420.5	44.16	420.5	44.16	420.5	44.16	430.7	44.23	432.6	44.30
	118	331.0	27.62	365.5	33.93	366.1	37.13	366.1	37.46	366.1	37.46	375.0	37.53	373.4	37.59
	122	264.5	20.97	293.2	25.79	291.7	28.27	292.6	28.33	293.2	28.37	301.2	28.46	300.6	28.56

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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ARUN456BTE4, ARUN456DTE4 / ARUB456BTE4, ARUB456DTE4 Cooling Capacity

456,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
110%	-9.9	349.6	8.77	417.1	10.57	484.5	12.53	518.3	13.58	552.0	14.56	608.0	16.59	621.0	17.22
	-5	349.6	9.3	417.1	11.16	484.5	13.22	518.3	14.33	552.0	15.35	608.0	17.51	621.0	18.16
	0	349.6	9.6	417.1	11.61	484.5	13.75	518.3	14.91	552.0	15.97	608.0	18.22	621.0	18.91
	5	349.6	10.0	417.1	12.03	484.5	14.26	518.3	15.45	552.0	16.56	608.0	18.88	621.0	19.60
	10	349.6	10.3	417.1	12.37	484.5	14.66	518.3	15.90	552.0	17.04	608.0	19.43	621.0	20.16
	14	349.6	10.6	417.1	12.82	484.5	15.19	518.3	16.46	552.0	17.64	608.0	20.13	621.0	20.88
	20	349.6	10.79	417.1	13.02	484.5	15.41	518.3	16.69	552.0	17.92	608.0	20.48	621.0	21.21
	25	349.6	10.92	417.1	13.19	484.5	15.61	518.3	16.89	552.0	18.13	608.0	20.77	621.0	21.49
	30	349.6	11.05	417.1	13.35	484.5	15.80	518.3	17.08	552.0	18.36	608.0	21.04	621.0	21.76
	35	349.6	11.22	417.1	13.55	484.5	16.03	518.3	17.34	552.0	18.65	608.0	21.36	621.0	22.11
	40	349.6	11.36	417.1	13.74	484.5	16.26	518.3	17.57	552.0	18.88	608.0	21.66	621.0	22.38
	45	349.6	11.55	417.1	13.97	484.5	16.52	518.3	17.86	552.0	19.20	608.0	22.02	621.0	22.77
	50	349.6	11.74	417.1	14.20	484.5	16.79	518.3	18.16	552.0	19.53	608.0	22.38	621.0	23.13
	55	349.6	11.94	417.1	14.46	484.5	17.11	518.3	18.55	552.0	19.90	599.5	22.77	612.4	23.33
	60	349.6	12.33	417.1	14.98	484.5	17.83	518.3	19.27	552.0	20.68	584.5	23.46	597.3	23.69
	65	349.6	12.57	417.1	15.31	484.5	18.16	518.3	19.64	552.0	21.07	576.0	24.25	588.7	24.44
	70	349.6	12.70	417.1	15.44	484.5	19.00	518.3	20.90	541.5	22.93	565.2	25.48	578.0	25.72
	75	349.6	13.02	417.1	16.46	484.5	20.32	518.3	22.42	533.0	24.58	556.6	26.69	569.4	26.87
	80	346.1	14.79	412.9	18.74	479.7	23.26	506.7	25.66	513.0	28.20	536.1	28.96	548.8	29.22
	85	346.1	15.76	412.9	20.02	479.7	24.84	498.4	27.38	504.7	29.93	527.5	30.17	540.2	30.43
	90	346.1	17.86	412.9	22.74	477.5	28.20	483.8	31.18	489.9	32.26	512.6	32.52	525.4	32.85
	95	346.1	18.94	412.9	24.21	469.3	30.11	**475.4**	**33.28**	481.7	33.41	504.1	33.73	516.8	34.06
	100	346.1	20.49	412.9	26.18	462.9	32.65	469.3	35.04	475.4	35.23	497.8	35.56	510.5	35.89
	105	346.1	23.10	412.9	29.61	448.4	36.84	454.7	37.69	460.8	37.88	483.0	38.21	495.3	38.58
	110	346.1	25.94	412.9	33.38	434.5	40.17	436.0	40.37	442.4	40.50	456.0	40.89	457.9	41.29
	115	346.1	30.01	412.9	38.38	416.1	42.34	416.1	42.34	418.0	42.34	426.3	42.41	428.2	42.50
	118	334.4	27.35	359.1	32.52	362.3	35.60	362.3	35.92	363.9	35.92	371.2	35.99	369.6	36.05
	122	267.3	20.74	287.9	24.73	288.8	27.09	289.5	27.16	291.6	27.19	298.0	27.28	297.6	27.39
100%	-9.9	307.5	7.72	366.4	9.30	425.6	11.03	456.0	12.01	501.2	12.99	562.0	14.99	593.4	15.61
	-5	307.5	8.1	366.4	9.82	425.6	11.64	456.0	12.67	501.2	13.71	562.0	15.83	593.4	16.49
	0	307.5	8.5	366.4	10.21	425.6	12.10	456.0	13.19	501.2	14.27	562.0	16.46	593.4	17.14
	5	307.5	8.8	366.4	10.57	425.6	12.53	456.0	13.67	501.2	14.79	562.0	17.05	593.4	17.77
	10	307.5	9.0	366.4	10.89	425.6	12.90	456.0	14.06	501.2	15.21	562.0	17.54	593.4	18.29
	14	307.5	9.4	366.4	11.29	425.6	13.38	456.0	14.56	501.2	15.77	562.0	18.19	593.4	18.94
	20	307.5	9.65	366.4	11.65	425.6	13.80	456.0	14.98	501.2	16.26	562.0	18.72	593.4	19.47
	25	307.5	9.88	366.4	11.95	425.6	14.14	456.0	15.34	501.2	16.69	562.0	19.17	593.4	19.93
	30	307.5	10.14	366.4	12.27	425.6	14.50	456.0	15.67	501.2	17.11	562.0	19.60	593.4	20.38
	35	307.5	10.28	366.4	12.46	425.6	14.73	456.0	15.93	501.2	17.38	562.0	19.93	593.4	20.71
	40	307.5	10.47	366.4	12.66	425.6	14.96	456.0	16.19	501.2	17.66	562.0	20.23	593.4	21.04
	45	307.5	10.70	366.4	12.93	425.6	15.27	456.0	16.52	501.2	18.00	562.0	20.65	593.4	21.47
	50	307.5	10.89	366.4	13.18	425.6	15.58	456.0	16.85	501.2	18.39	562.0	21.07	593.4	21.92
	55	307.5	11.09	366.4	13.42	425.6	15.90	456.0	17.21	501.2	18.75	562.0	21.44	587.1	22.24
	60	307.5	11.45	366.4	13.90	425.6	16.55	456.0	17.87	501.2	19.50	559.9	22.12	570.3	22.64
	65	307.5	11.68	366.4	14.20	425.6	16.85	456.0	18.23	501.2	19.86	551.4	22.84	564.0	23.30
	70	307.5	12.04	366.4	14.63	425.6	18.00	456.0	19.80	501.2	22.05	540.9	24.50	551.4	24.93
	75	307.5	12.34	366.4	15.58	425.6	19.27	456.0	21.24	501.2	23.65	532.6	25.65	545.3	25.97
	80	307.5	14.03	366.4	17.76	425.6	22.02	456.0	24.31	501.2	27.12	517.8	27.85	528.5	28.24
	85	307.5	14.92	366.4	18.97	425.6	23.53	456.0	25.94	499.1	28.77	509.5	29.02	522.2	29.41
	90	307.5	16.91	366.4	21.56	425.6	26.73	456.0	29.55	482.3	31.04	494.9	31.28	505.4	31.74
	95	307.5	17.93	366.4	22.93	425.6	28.53	**456.0**	**31.54**	476.0	32.13	486.4	32.45	499.1	32.91
	100	307.5	19.37	366.4	24.74	425.6	30.85	447.8	33.11	467.8	33.80	480.1	34.12	490.9	34.59
	105	307.5	21.76	366.4	27.88	423.1	34.69	435.4	35.49	453.8	36.21	465.5	36.52	476.9	37.03
	110	307.5	24.32	366.4	31.31	418.3	37.66	427.8	37.85	436.4	38.54	443.3	38.93	451.3	39.49
	115	307.5	27.94	366.4	35.76	398.1	39.43	410.4	39.43	420.6	40.01	424.6	40.08	426.5	40.37
	118	307.5	28.20	321.4	33.54	346.7	33.15	357.2	33.44	366.3	33.96	369.6	34.02	368.2	34.25
	122	262.9	25.52	257.8	25.49	276.2	25.23	285.6	25.29	293.3	25.71	296.8	25.78	296.4	26.01

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Cooling Capacity ARUN456BTE4, ARUN456DTE4 / ARUB456BTE4, ARUB456DTE4

456,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
90%	-9.9	276.8	6.87	329.7	8.24	384.8	9.74	411.3	10.47	437.7	11.19	490.6	12.89	543.5	14.14
	-5	276.8	7.3	329.7	8.70	384.8	10.27	411.3	11.05	437.7	11.81	490.6	13.60	543.5	14.92
	0	276.8	7.6	329.7	9.04	384.8	10.69	411.3	11.49	437.7	12.27	490.6	14.14	543.5	15.53
	5	276.8	7.8	329.7	9.38	384.8	11.06	411.3	11.91	437.7	12.73	490.6	14.66	543.5	16.09
	10	276.8	8.1	329.7	9.65	384.8	11.39	411.3	12.26	437.7	13.09	490.6	15.08	543.5	16.55
	14	276.8	8.3	329.7	10.01	384.8	11.81	411.3	12.70	437.7	13.57	490.6	15.63	543.5	17.15
	20	276.8	8.64	329.7	10.37	384.8	12.24	411.3	13.19	437.7	14.13	490.6	16.19	543.5	17.80
	25	276.8	8.90	329.7	10.70	384.8	12.62	411.3	13.58	437.7	14.60	490.6	16.65	543.5	18.36
	30	276.8	9.16	329.7	11.00	384.8	12.99	411.3	14.00	437.7	15.08	490.6	17.11	543.5	18.91
	35	276.8	9.43	329.7	11.35	384.8	13.38	411.3	14.42	437.7	15.51	490.6	17.63	543.5	19.50
	40	276.8	9.71	329.7	11.68	384.8	13.78	411.3	14.85	437.7	16.00	490.6	18.16	543.5	20.06
	45	276.8	9.94	329.7	11.95	384.8	14.10	411.3	15.21	437.7	16.36	490.6	18.58	543.5	20.54
	50	276.8	10.15	329.7	12.21	384.8	14.40	411.3	15.54	437.7	16.72	490.6	19.01	543.5	20.97
	55	276.8	10.27	329.7	12.40	384.8	14.66	411.3	15.86	437.7	17.04	490.6	19.37	543.5	21.17
	60	276.8	10.66	329.7	12.92	384.8	15.22	411.3	16.49	437.7	17.73	490.6	20.12	539.0	21.42
	65	276.8	10.83	329.7	13.15	384.8	15.54	411.3	16.79	437.7	18.05	490.6	20.49	535.5	22.48
	70	276.8	11.16	329.7	13.54	384.8	16.10	411.3	17.73	437.7	19.37	490.6	22.87	525.3	24.15
	75	276.8	11.35	329.7	14.16	384.8	17.24	411.3	18.98	437.7	20.81	490.6	23.85	517.1	25.23
	80	276.8	12.72	329.7	16.04	384.8	19.67	411.3	21.69	437.7	23.75	490.6	26.37	502.9	27.45
	85	276.8	13.54	329.7	17.11	384.8	21.04	411.3	23.13	437.7	25.38	484.5	27.77	494.7	28.57
	90	276.8	15.28	329.7	19.37	384.8	23.88	411.3	26.31	437.7	28.89	470.3	30.39	480.4	30.85
	95	276.8	16.29	329.7	20.55	384.8	25.45	**411.3**	**28.07**	437.7	30.82	462.1	31.54	472.2	31.97
	100	276.8	16.82	329.7	21.43	384.8	26.50	411.3	29.18	437.7	31.51	456.0	32.91	464.2	33.27
	105	276.8	19.50	329.7	24.86	384.8	29.97	411.3	31.96	432.8	33.77	441.8	35.27	447.8	35.70
	110	276.8	22.38	329.7	28.66	384.8	32.88	411.3	34.51	415.2	36.62	420.8	37.88	424.1	38.31
	115	276.8	24.24	329.7	31.08	360.4	34.61	389.8	36.09	395.5	37.79	399.0	38.63	400.9	39.13
	118	276.8	25.75	321.4	33.54	313.8	29.11	339.5	30.62	344.2	32.07	347.4	32.78	346.1	33.20
	122	263.1	25.52	257.8	25.49	250.1	22.15	271.3	23.16	275.8	24.28	279.0	24.84	278.6	25.22
80%	-9.9	246.3	5.96	293.2	7.17	342.0	8.34	364.5	9.06	388.9	9.75	435.7	11.15	482.6	12.41
	-5	246.3	6.3	293.2	7.56	342.0	8.80	364.5	9.55	388.9	10.30	435.7	11.75	482.6	13.09
	0	246.3	6.5	293.2	7.88	342.0	9.16	364.5	9.94	388.9	10.70	435.7	12.23	482.6	13.62
	5	246.3	6.8	293.2	8.17	342.0	9.48	364.5	10.30	388.9	11.10	435.7	12.67	482.6	14.13
	10	246.3	7.0	293.2	8.40	342.0	9.75	364.5	10.60	388.9	11.42	435.7	13.05	482.6	14.53
	14	246.3	7.2	293.2	8.70	342.0	10.11	364.5	10.99	388.9	11.84	435.7	13.51	482.6	15.05
	20	246.3	7.49	293.2	9.02	342.0	10.51	364.5	11.39	388.9	12.24	435.7	14.00	482.6	15.64
	25	246.3	7.72	293.2	9.26	342.0	10.86	364.5	11.74	388.9	12.59	435.7	14.42	482.6	16.12
	30	246.3	7.95	293.2	9.53	342.0	11.19	364.5	12.07	388.9	12.92	435.7	14.82	482.6	16.59
	35	246.3	8.18	293.2	9.81	342.0	11.51	364.5	12.40	388.9	13.28	435.7	15.24	482.6	17.07
	40	246.3	8.40	293.2	10.05	342.0	11.81	364.5	12.75	388.9	13.64	435.7	15.64	482.6	17.51
	45	246.3	8.51	293.2	10.18	342.0	11.98	364.5	12.93	388.9	13.81	435.7	15.87	482.6	17.76
	50	246.3	8.63	293.2	10.34	342.0	12.14	364.5	13.09	388.9	14.01	435.7	16.07	482.6	18.00
	55	246.4	8.77	293.2	10.51	342.0	12.36	364.5	13.32	388.9	14.27	435.7	16.39	482.6	18.32
	60	246.4	9.06	293.2	10.86	342.0	12.79	364.5	13.80	388.9	14.85	435.7	16.95	482.6	19.05
	65	246.4	9.20	293.2	11.09	342.0	13.05	364.5	14.07	388.9	15.15	435.7	17.27	482.6	19.50
	70	246.4	9.46	293.2	11.39	342.0	13.45	364.5	14.50	388.9	15.77	435.7	18.62	482.6	21.56
	75	246.4	9.65	293.2	11.61	342.0	14.10	364.5	15.47	388.9	16.82	435.7	19.80	482.6	22.73
	80	246.4	10.56	293.2	13.19	342.0	16.07	364.5	17.57	388.9	19.18	435.7	22.77	482.6	25.39
	85	246.4	11.26	293.2	14.01	342.0	17.14	364.5	18.75	388.9	20.55	435.7	24.27	482.6	26.04
	90	246.4	12.66	293.2	15.90	342.0	19.37	364.5	21.30	388.9	23.36	435.7	26.67	474.7	27.61
	95	246.4	13.45	293.2	16.82	342.0	20.68	**364.5**	**22.61**	388.9	24.83	435.7	27.61	464.3	28.36
	100	246.3	14.50	293.2	18.13	342.0	22.29	364.5	24.21	388.9	25.82	435.7	28.73	454.1	29.28
	105	246.3	16.52	293.2	20.75	342.0	24.83	364.5	25.98	388.9	27.68	430.4	29.87	440.9	30.72
	110	246.4	18.75	293.2	23.66	342.0	26.34	364.5	27.75	388.9	29.84	415.2	30.98	417.4	32.30
	115	246.4	20.06	293.2	25.29	342.0	27.22	364.5	29.18	364.5	30.53	366.7	31.67	366.7	33.60
	118	246.4	21.30	293.2	26.86	313.8	29.11	320.1	27.68	317.3	25.91	319.2	26.87	316.4	28.50
	122	246.4	23.03	258.7	25.33	250.1	22.15	255.8	20.94	254.2	19.62	256.2	20.38	254.7	21.66

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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LG

ARUN456BTE4, ARUN456DTE4 / ARUB456BTE4, ARUB456DTE4 Cooling Capacity

456,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
70%	-9.9	215.7	5.26	256.5	6.25	299.3	7.36	319.6	7.88	340.1	8.38	380.7	9.62	423.4	10.76
	-5	215.7	5.6	256.5	6.60	299.3	7.76	319.6	8.31	340.1	8.86	380.7	10.14	423.4	11.35
	0	215.7	5.8	256.5	6.87	299.3	8.08	319.6	8.64	340.1	9.20	380.7	10.54	423.4	11.81
	5	215.7	6.0	256.5	7.10	299.3	8.37	319.6	8.96	340.1	9.55	380.7	10.93	423.4	12.24
	10	215.7	6.2	256.5	7.32	299.3	8.61	319.6	9.22	340.1	9.82	380.7	11.25	423.4	12.59
	14	215.7	6.4	256.5	7.59	299.3	8.93	319.6	9.55	340.1	10.17	380.7	11.65	423.4	13.05
	20	215.7	6.60	256.5	7.82	299.3	9.20	319.6	9.85	340.1	10.53	380.7	12.01	423.4	13.48
	25	215.7	6.78	256.5	8.05	299.3	9.43	319.6	10.12	340.1	10.83	380.7	12.33	423.4	13.84
	30	215.7	6.97	256.5	8.25	299.3	9.66	319.6	10.38	340.1	11.12	380.7	12.63	423.4	14.20
	35	215.7	7.16	256.5	8.48	299.3	9.94	319.6	10.66	340.1	11.42	380.7	12.96	423.4	14.60
	40	215.7	7.33	256.5	8.70	299.3	10.18	319.6	10.93	340.1	11.71	380.7	13.32	423.4	14.98
	45	215.7	7.45	256.5	8.83	299.3	10.34	319.6	11.13	340.1	11.88	380.7	13.54	423.4	15.21
	50	215.7	7.59	256.5	8.97	299.3	10.51	319.6	11.29	340.1	12.10	380.7	13.75	423.4	15.47
	55	215.7	7.72	256.5	9.16	299.3	10.69	319.6	11.48	340.1	12.30	380.7	14.01	423.4	15.77
	60	215.7	7.92	256.5	9.46	299.3	11.09	319.6	11.91	340.1	12.76	380.7	14.55	423.4	16.39
	65	215.7	8.05	256.5	9.65	299.3	11.26	319.6	12.14	340.1	13.02	380.7	14.82	423.4	16.65
	70	215.7	8.28	256.5	9.91	299.3	11.61	319.6	12.49	340.1	13.41	380.7	15.34	423.4	17.70
	75	215.7	8.41	256.5	10.08	299.3	11.84	319.6	12.92	340.1	14.01	380.7	16.39	423.4	18.74
	80	215.7	9.06	256.5	11.13	299.3	13.45	319.6	14.68	340.1	15.90	380.7	18.12	423.4	20.78
	85	215.7	9.65	256.5	11.84	299.3	14.33	319.6	15.64	340.1	17.14	380.7	19.30	423.4	21.66
	90	215.7	10.83	256.5	13.35	299.3	16.20	319.6	17.70	340.1	19.37	380.7	21.52	423.4	23.52
	95	215.7	11.42	256.5	14.20	299.3	17.27	**319.6**	**18.88**	340.1	20.55	380.7	22.64	423.4	24.22
	100	215.7	12.36	256.5	15.34	299.3	18.62	319.6	20.38	340.1	21.16	380.7	23.69	423.4	24.90
	105	215.7	14.00	256.5	17.47	299.3	20.54	319.6	21.73	340.1	23.00	380.7	24.96	423.4	26.37
	110	215.7	15.77	256.5	19.80	299.3	21.73	319.6	23.04	340.1	24.93	380.7	25.98	411.3	28.36
	115	215.7	16.95	256.5	21.11	299.3	22.48	319.6	24.35	340.1	25.65	380.7	26.77	387.6	30.17
	118	215.7	18.00	256.5	22.44	299.3	23.88	319.6	25.81	309.4	25.65	319.2	22.71	316.4	25.61
	122	215.7	19.43	256.5	24.30	267.0	22.80	255.3	21.23	247.7	19.43	256.2	17.21	254.7	19.46
60%	-9.9	185.3	4.55	219.8	5.30	256.5	6.21	272.7	6.64	291.1	7.14	327.8	8.09	362.3	9.04
	-5	185.3	4.8	219.8	5.59	256.5	6.55	272.7	7.00	291.1	7.53	327.8	8.54	362.3	9.55
	0	185.3	5.0	219.8	5.82	256.5	6.81	272.7	7.29	291.1	7.85	327.8	8.87	362.3	9.92
	5	185.3	5.2	219.8	6.02	256.5	7.07	272.7	7.55	291.1	8.12	327.8	9.20	362.3	10.30
	10	185.3	5.3	219.8	6.19	256.5	7.27	272.7	7.76	291.1	8.37	327.8	9.46	362.3	10.59
	14	185.3	5.5	219.8	6.42	256.5	7.53	272.7	8.05	291.1	8.67	327.8	9.81	362.3	10.96
	20	185.3	5.69	219.8	6.65	256.5	7.78	272.7	8.34	291.1	8.94	327.8	10.14	362.3	11.35
	25	185.3	5.83	219.8	6.84	256.5	7.98	272.7	8.57	291.1	9.19	327.8	10.41	362.3	11.68
	30	185.3	5.98	219.8	7.04	256.5	8.18	272.7	8.80	291.1	9.42	327.8	10.67	362.3	11.98
	35	185.3	6.12	219.8	7.23	256.5	8.38	272.7	9.03	291.1	9.65	327.8	10.95	362.3	12.30
	40	185.3	6.28	219.8	7.40	256.5	8.61	272.7	9.26	291.1	9.91	327.8	11.25	362.3	12.62
	45	185.3	6.34	219.8	7.47	256.5	8.67	272.7	9.33	291.1	10.01	327.8	11.32	362.3	12.70
	50	185.3	6.39	219.8	7.53	256.5	8.77	272.7	9.42	291.1	10.08	327.8	11.42	362.3	12.83
	55	185.3	6.48	219.8	7.66	256.5	8.93	272.7	9.59	291.1	10.24	327.8	11.65	362.3	13.05
	60	185.3	6.71	219.8	7.92	256.5	9.25	272.7	9.95	291.1	10.64	327.8	12.04	362.3	13.58
	65	185.3	6.80	219.8	8.05	256.5	9.42	272.7	10.11	291.1	10.83	327.8	12.30	362.3	13.84
	70	185.3	6.97	219.8	8.28	256.5	9.68	272.7	10.38	291.1	11.13	327.8	12.66	362.3	14.37
	75	185.3	7.10	219.8	8.41	256.5	9.85	272.7	10.60	291.1	11.48	327.8	13.41	362.3	15.31
	80	185.3	7.53	219.8	9.20	256.5	11.03	272.7	12.04	291.1	13.05	327.8	15.02	362.3	17.30
	85	185.3	8.02	219.8	9.78	256.5	11.74	272.7	12.83	291.1	13.97	327.8	15.81	362.3	17.84
	90	185.3	8.97	219.8	11.03	256.5	13.28	272.7	14.50	291.1	15.70	327.8	17.67	362.3	19.47
	95	185.3	9.52	219.8	11.69	256.5	14.10	**272.7**	**15.47**	291.1	16.62	327.8	18.48	362.3	20.51
	100	185.3	10.21	219.8	12.57	256.5	15.21	272.7	16.65	291.1	17.37	327.8	19.60	362.3	21.37
	105	185.3	11.61	219.8	14.33	256.5	16.78	272.7	17.76	291.1	18.88	327.8	20.81	362.3	23.30
	110	185.3	13.05	219.8	16.26	256.5	18.10	272.7	18.84	291.1	20.41	327.8	22.25	362.3	25.42
	115	185.3	13.97	219.8	17.34	256.5	18.81	272.7	19.93	291.1	21.14	327.8	23.53	362.3	27.16
	118	185.3	14.79	219.8	18.39	256.5	19.96	272.7	21.17	291.1	22.50	319.2	22.71	316.4	25.61
	122	185.3	15.94	219.8	19.89	256.5	21.63	254.9	21.47	246.7	19.89	256.2	17.21	254.7	19.46

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Cooling Capacity ARUN456BTE4, ARUN456DTE4 / ARUB456BTE4, ARUB456DTE4

456,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
50%	-9.9	153.9	3.92	183.3	4.61	213.8	5.17	228.0	5.56	242.3	5.99	272.7	6.64	301.2	7.36
	-5	153.9	4.1	183.3	4.87	213.8	5.44	228.0	5.86	242.3	6.31	272.7	7.00	301.2	7.78
	0	153.9	4.3	183.3	5.07	213.8	5.66	228.0	6.11	242.3	6.57	272.7	7.29	301.2	8.08
	5	153.9	4.5	183.3	5.24	213.8	5.86	228.0	6.32	242.3	6.81	272.7	7.56	301.2	8.38
	10	153.9	4.6	183.3	5.40	213.8	6.05	228.0	6.51	242.3	7.00	272.7	7.78	301.2	8.61
	14	153.9	4.8	183.3	5.59	213.8	6.25	228.0	6.74	242.3	7.26	272.7	8.05	301.2	8.93
	20	153.9	4.94	183.3	5.76	213.8	6.51	228.0	7.00	242.3	7.49	272.7	8.35	301.2	9.26
	25	153.9	5.07	183.3	5.92	213.8	6.74	228.0	7.20	242.3	7.69	272.7	8.60	301.2	9.55
	30	153.9	5.23	183.3	6.06	213.8	6.94	228.0	7.39	242.3	7.89	272.7	8.84	301.2	9.84
	35	153.9	5.36	183.3	6.22	213.8	7.13	228.0	7.59	242.3	8.11	272.7	9.09	301.2	10.08
	40	153.9	5.50	183.3	6.38	213.8	7.32	228.0	7.78	242.3	8.31	272.7	9.30	301.2	10.37
	45	153.9	5.59	183.3	6.47	213.8	7.42	228.0	7.89	242.3	8.41	272.7	9.43	301.2	10.50
	50	153.9	5.66	183.3	6.57	213.8	7.52	228.0	8.01	242.3	8.54	272.7	9.58	301.2	10.66
	55	153.9	5.79	183.3	6.68	213.8	7.65	228.0	8.12	242.3	8.67	272.7	9.75	301.2	10.83
	60	153.9	5.89	183.3	6.87	213.8	7.89	228.0	8.44	242.3	8.97	272.7	10.05	301.2	11.26
	65	153.9	5.96	183.3	6.97	213.8	8.01	228.0	8.54	242.3	9.09	272.7	10.24	301.2	11.45
	70	153.9	6.15	183.3	7.10	213.8	8.18	228.0	8.80	242.3	9.33	272.7	10.53	301.2	11.81
	75	153.9	6.19	183.3	7.23	213.8	8.37	228.0	8.90	242.3	9.52	272.7	10.70	301.2	12.04
	80	153.9	6.38	183.3	7.65	213.8	8.97	228.0	9.69	242.3	10.41	272.7	11.98	301.2	13.67
	85	153.9	6.80	183.3	8.08	213.8	9.52	228.0	10.30	242.3	11.09	272.7	12.76	301.2	14.56
	90	153.9	7.59	183.3	9.03	213.8	10.70	228.0	11.55	242.3	12.46	272.7	14.39	301.2	16.49
	95	153.9	8.01	183.3	9.58	213.8	11.32	**228.0**	**12.27**	242.3	13.25	272.7	15.28	301.2	17.51
	100	153.9	8.44	183.3	10.11	213.8	11.98	228.0	12.99	242.3	14.03	272.7	16.26	301.2	18.59
	105	153.9	9.20	183.3	11.16	213.8	13.25	228.0	14.36	242.3	15.51	272.7	18.00	301.2	20.68
	110	153.9	10.17	183.3	12.34	213.8	14.69	228.0	15.96	242.3	17.27	272.7	20.09	301.2	23.10
	115	153.9	10.89	183.3	13.25	213.8	15.77	228.0	17.15	242.3	18.59	272.7	21.66	301.2	24.93
	118	153.9	11.77	183.3	14.36	213.8	17.14	228.0	18.65	242.3	20.25	272.7	22.71	301.2	25.61
	122	153.9	12.99	183.3	15.87	213.8	18.95	228.0	20.71	242.3	19.89	256.2	17.21	254.7	19.46

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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LG

ARUN480BTE4, ARUN480DTE4 / ARUB480BTE4, ARUB480DTE4 Cooling Capacity

480,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
130%	-9.9	436.5	11.0	518.5	13.27	602.6	15.77	624.8	17.00	633.7	18.34	655.7	21.03	671.4	21.73
	-5	436.5	11.5	518.5	14.01	602.6	16.63	624.8	17.94	633.7	19.36	655.7	22.18	671.4	22.93
	0	436.5	12.0	518.5	14.57	602.6	17.30	624.8	18.67	633.7	20.14	655.7	23.07	671.4	23.85
	5	436.5	12.5	518.5	15.10	602.6	17.92	624.8	19.34	633.7	20.87	655.7	23.91	671.4	24.71
	10	436.5	12.8	518.5	15.54	602.6	18.44	624.8	19.90	633.7	21.46	655.7	24.60	671.4	25.41
	14	436.5	13.3	518.5	16.10	602.6	19.11	624.8	20.62	633.7	22.24	655.7	25.50	671.4	26.36
	20	436.5	13.49	518.5	16.36	602.6	19.39	624.8	20.93	633.7	22.54	655.7	25.86	671.4	26.72
	25	436.5	13.68	518.5	16.58	602.6	19.62	624.8	21.20	633.7	22.82	655.7	26.14	671.4	27.05
	30	436.5	13.87	518.5	16.78	602.6	19.84	624.8	21.46	633.7	23.07	655.7	26.44	671.4	27.36
	35	436.5	14.02	518.5	17.00	602.6	20.09	624.8	21.70	633.7	23.35	655.7	26.75	671.4	27.69
	40	436.5	14.21	518.5	17.19	602.6	20.34	624.8	21.98	633.7	23.63	655.7	27.08	671.4	28.03
	45	436.5	14.35	518.5	17.36	602.6	20.56	624.8	22.21	633.7	23.85	655.7	27.36	671.4	28.31
	50	436.5	14.49	518.5	17.53	602.6	20.73	624.8	22.43	633.7	24.10	655.7	27.64	671.4	28.59
	55	436.5	14.74	518.5	17.86	602.6	21.15	616.0	22.90	624.8	24.58	646.8	28.11	662.3	28.78
	60	436.5	15.21	518.5	18.50	593.7	22.02	602.3	23.79	609.4	25.55	631.1	29.00	646.8	29.11
	65	436.5	15.54	518.5	18.89	584.9	22.43	593.7	24.27	600.5	26.03	622.0	29.95	637.7	30.20
	70	436.5	14.96	518.5	18.17	574.0	22.35	580.6	24.60	589.4	26.97	610.9	29.98	626.6	30.26
	75	436.5	15.32	518.5	19.36	565.1	23.91	571.7	26.39	580.6	28.92	602.0	31.40	617.7	31.62
	80	436.5	17.41	518.5	22.04	549.4	27.36	556.2	30.20	565.1	33.19	586.3	34.08	602.0	34.38
	85	436.5	18.53	518.5	23.54	540.6	29.23	549.4	32.21	556.2	35.22	577.4	35.50	593.1	35.80
	90	436.5	21.01	509.7	26.75	525.1	33.19	531.7	36.70	540.6	37.98	561.7	38.28	577.4	38.65
	95	441.1	22.27	506.0	28.48	521.7	35.44	**530.6**	**39.17**	537.4	39.32	558.6	39.70	574.5	40.07
	100	441.1	24.10	497.1	30.79	512.8	38.40	521.7	41.23	528.5	41.46	551.8	41.83	567.7	42.21
	105	441.1	27.19	483.7	34.85	499.4	43.32	507.1	44.33	514.8	44.55	532.6	44.97	540.3	45.39
	110	441.1	30.51	463.7	39.28	483.1	47.26	484.6	47.48	491.7	47.64	502.0	48.12	504.0	48.57
	115	438.9	35.31	446.9	45.17	446.9	49.82	446.9	49.82	446.9	49.82	453.4	49.90	455.4	49.99
	118	381.7	29.92	388.6	38.28	389.1	41.88	389.1	42.27	389.1	42.27	394.8	42.35	393.1	42.41
	122	304.9	22.71	311.7	29.09	310.0	31.88	310.9	31.96	311.7	32.01	316.9	32.10	316.5	32.24
120%	-9.9	397.2	10.31	474.0	12.51	550.8	14.80	590.3	15.96	616.6	17.22	644.6	19.73	658.0	20.39
	-5	397.2	10.9	474.0	13.18	550.8	15.61	590.3	16.83	616.6	18.16	644.6	20.81	658.0	21.51
	0	397.2	11.3	474.0	13.71	550.8	16.24	590.3	17.50	616.6	18.89	644.6	21.65	658.0	22.37
	5	397.2	11.7	474.0	14.21	550.8	16.83	590.3	18.14	616.6	19.56	644.6	22.43	658.0	23.18
	10	397.2	12.1	474.0	14.63	550.8	17.31	590.3	18.67	616.6	20.14	644.6	23.09	658.0	23.85
	14	397.2	12.5	474.0	15.16	550.8	17.94	590.3	19.34	616.6	20.87	644.6	23.93	658.0	24.72
	20	397.2	12.70	474.0	15.38	550.8	18.20	590.3	19.64	616.6	21.17	644.6	24.27	658.0	25.08
	25	397.2	12.87	474.0	15.57	550.8	18.42	590.3	19.89	616.6	21.40	644.6	24.55	658.0	25.38
	30	397.2	13.02	474.0	15.77	550.8	18.64	590.3	20.15	616.6	21.65	644.6	24.82	658.0	25.69
	35	397.2	13.20	474.0	15.94	550.8	18.86	590.3	20.40	616.6	21.93	644.6	25.13	658.0	26.00
	40	397.2	13.35	474.0	16.16	550.8	19.11	590.3	20.65	616.6	22.21	644.6	25.44	658.0	26.33
	45	397.2	13.51	474.0	16.33	550.8	19.31	590.3	20.90	616.6	22.45	644.6	25.72	658.0	26.64
	50	397.2	13.65	474.0	16.52	550.8	19.53	590.3	21.12	616.6	22.71	644.6	26.02	658.0	26.92
	55	397.2	13.88	474.0	16.83	550.8	19.92	590.3	21.57	610.0	23.15	635.7	26.47	651.4	27.13
	60	397.2	14.32	474.0	17.42	550.8	20.73	586.0	22.40	592.6	24.05	620.0	27.30	633.4	27.78
	65	397.2	14.63	474.0	17.80	550.8	21.12	577.1	22.85	586.0	24.52	611.1	28.20	626.8	28.42
	70	397.2	14.35	474.0	17.44	550.8	21.45	566.3	23.60	572.8	25.91	600.0	28.78	613.4	29.06
	75	397.2	14.71	474.0	18.58	550.8	22.96	557.4	25.33	566.3	27.78	590.9	30.15	606.6	30.35
	80	397.2	16.72	474.0	21.17	535.4	26.27	542.0	28.98	548.6	31.85	575.2	32.71	588.6	33.02
	85	397.2	17.80	474.0	22.60	526.6	28.06	533.2	30.93	542.0	33.80	566.3	34.08	582.0	34.38
	90	397.2	20.17	474.0	25.69	511.4	31.85	518.0	35.24	524.5	36.45	550.6	36.75	564.0	37.09
	95	401.4	21.37	479.1	27.34	507.7	34.02	**514.5**	**37.61**	523.4	37.75	547.4	38.11	563.2	38.45
	100	401.4	23.15	479.1	29.56	498.9	36.87	507.7	39.57	514.5	39.79	540.6	40.15	554.3	40.52
	105	401.4	26.08	471.4	33.47	485.7	41.60	493.5	42.55	500.0	42.77	524.9	43.16	533.7	43.55
	110	401.4	29.31	459.4	37.70	474.3	45.36	475.7	45.58	482.8	45.75	497.7	46.19	499.7	46.62
	115	390.3	33.91	442.6	43.36	442.6	47.82	442.6	47.82	442.6	47.82	453.4	47.90	455.4	47.98
	118	348.5	29.92	384.8	36.75	385.4	40.21	385.4	40.57	385.4	40.57	394.8	40.65	393.1	40.71
	122	278.5	22.71	308.6	27.94	307.1	30.62	308.0	30.68	308.6	30.73	317.1	30.82	316.5	30.93

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Cooling Capacity ARUN480BTE4, ARUN480DTE4 / ARUB480BTE4, ARUB480DTE4

480,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
110%	-9.9	368.0	9.50	439.1	11.45	510.0	13.57	545.5	14.71	581.1	15.77	640.0	17.97	653.7	18.66
	-5	368.0	10.0	439.1	12.09	510.0	14.32	545.5	15.52	581.1	16.63	640.0	18.97	653.7	19.67
	0	368.0	10.4	439.1	12.57	510.0	14.90	545.5	16.14	581.1	17.30	640.0	19.73	653.7	20.48
	5	368.0	10.8	439.1	13.02	510.0	15.44	545.5	16.74	581.1	17.94	640.0	20.45	653.7	21.23
	10	368.0	11.1	439.1	13.40	510.0	15.88	545.5	17.22	581.1	18.45	640.0	21.04	653.7	21.84
	14	368.0	11.5	439.1	13.88	510.0	16.46	545.5	17.83	581.1	19.11	640.0	21.81	653.7	22.62
	20	368.0	11.68	439.1	14.10	510.0	16.69	545.5	18.08	581.1	19.40	640.0	22.18	653.7	22.98
	25	368.0	11.82	439.1	14.29	510.0	16.91	545.5	18.30	581.1	19.64	640.0	22.49	653.7	23.27
	30	368.0	11.96	439.1	14.46	510.0	17.11	545.5	18.50	581.1	19.89	640.0	22.79	653.7	23.57
	35	368.0	12.15	439.1	14.68	510.0	17.36	545.5	18.78	581.1	20.20	640.0	23.13	653.7	23.94
	40	368.0	12.31	439.1	14.88	510.0	17.61	545.5	19.03	581.1	20.45	640.0	23.46	653.7	24.24
	45	368.0	12.51	439.1	15.13	510.0	17.89	545.5	19.34	581.1	20.79	640.0	23.85	653.7	24.66
	50	368.0	12.71	439.1	15.38	510.0	18.19	545.5	19.67	581.1	21.15	640.0	24.24	653.7	25.05
	55	368.0	12.93	439.1	15.66	510.0	18.53	545.5	20.09	581.1	21.56	631.1	24.66	644.6	25.27
	60	368.0	13.35	439.1	16.22	510.0	19.31	545.5	20.87	581.1	22.40	615.2	25.41	628.8	25.66
	65	368.0	13.62	439.1	16.58	510.0	19.67	545.5	21.28	581.1	22.82	606.3	26.27	619.7	26.47
	70	368.0	13.76	439.1	16.72	510.0	20.57	545.5	22.63	570.0	24.83	594.9	27.59	608.5	27.86
	75	368.0	14.10	439.1	17.83	510.0	22.01	545.5	24.29	561.1	26.63	585.8	28.90	599.4	29.11
	80	364.3	16.02	434.6	20.29	504.9	25.19	533.4	27.80	540.0	30.54	564.3	31.37	577.7	31.65
	85	364.3	17.06	434.6	21.68	504.9	26.91	524.6	29.65	531.2	32.41	555.2	32.68	568.6	32.96
	90	364.3	19.34	434.6	24.63	502.6	30.54	509.2	33.77	515.7	34.94	539.5	35.22	553.1	35.58
	95	364.3	20.51	434.6	26.22	494.0	32.62	**500.5**	**36.05**	507.1	36.19	530.6	36.53	544.0	36.89
	100	364.3	22.20	434.6	28.36	487.2	35.36	494.0	37.95	500.5	38.15	524.0	38.51	537.4	38.87
	105	364.3	25.02	434.6	32.07	472.0	39.90	478.6	40.82	485.1	41.02	508.5	41.38	521.4	41.79
	110	364.3	28.09	434.6	36.16	457.4	43.50	458.9	43.72	465.7	43.86	480.0	44.28	482.0	44.72
	115	364.3	32.51	434.6	41.57	438.0	45.86	438.0	45.86	440.0	45.86	448.8	45.94	450.8	46.03
	118	352.0	29.62	378.0	35.22	381.4	38.56	381.4	38.90	383.1	38.90	390.8	38.98	389.1	39.04
	122	281.4	22.46	303.1	26.78	304.0	29.34	304.8	29.42	306.9	29.45	313.7	29.54	313.2	29.67
100%	-9.9	323.7	8.36	385.7	10.08	448.0	11.95	480.0	13.01	527.5	14.07	591.5	16.24	624.6	16.91
	-5	323.7	8.8	385.7	10.64	448.0	12.60	480.0	13.73	527.5	14.85	591.5	17.14	624.6	17.86
	0	323.7	9.2	385.7	11.06	448.0	13.10	480.0	14.29	527.5	15.46	591.5	17.83	624.6	18.56
	5	323.7	9.5	385.7	11.45	448.0	13.57	480.0	14.80	527.5	16.02	591.5	18.47	624.6	19.25
	10	323.7	9.8	385.7	11.79	448.0	13.98	480.0	15.22	527.5	16.47	591.5	19.00	624.6	19.81
	14	323.7	10.1	385.7	12.23	448.0	14.49	480.0	15.77	527.5	17.08	591.5	19.70	624.6	20.51
	20	323.7	10.45	385.7	12.62	448.0	14.94	480.0	16.22	527.5	17.61	591.5	20.28	624.6	21.09
	25	323.7	10.70	385.7	12.95	448.0	15.32	480.0	16.61	527.5	18.08	591.5	20.76	624.6	21.59
	30	323.7	10.98	385.7	13.29	448.0	15.71	480.0	16.97	527.5	18.53	591.5	21.23	624.6	22.07
	35	323.7	11.14	385.7	13.49	448.0	15.96	480.0	17.25	527.5	18.83	591.5	21.59	624.6	22.43
	40	323.7	11.34	385.7	13.71	448.0	16.21	480.0	17.53	527.5	19.12	591.5	21.92	624.6	22.79
	45	323.7	11.59	385.7	14.01	448.0	16.53	480.0	17.89	527.5	19.50	591.5	22.37	624.6	23.26
	50	323.7	11.79	385.7	14.27	448.0	16.88	480.0	18.25	527.5	19.92	591.5	22.82	624.6	23.74
	55	323.7	12.01	385.7	14.54	448.0	17.22	480.0	18.64	527.5	20.31	591.5	23.23	618.0	24.08
	60	323.7	12.40	385.7	15.05	448.0	17.92	480.0	19.36	527.5	21.12	589.4	23.96	600.3	24.52
	65	323.7	12.65	385.7	15.38	448.0	18.25	480.0	19.75	527.5	21.51	580.5	24.74	593.7	25.24
	70	323.7	13.04	385.7	15.85	448.0	19.50	480.0	21.45	527.5	23.88	569.4	26.53	580.5	27.00
	75	323.7	13.37	385.7	16.88	448.0	20.87	480.0	23.01	527.5	25.61	560.6	27.78	574.0	28.12
	80	323.7	15.19	385.7	19.23	448.0	23.85	480.0	26.33	527.5	29.37	545.1	30.17	556.3	30.59
	85	323.7	16.16	385.7	20.54	448.0	25.49	480.0	28.09	525.4	31.17	536.3	31.43	549.7	31.85
	90	323.7	18.31	385.7	23.35	448.0	28.95	480.0	32.01	507.7	33.61	520.9	33.88	532.0	34.38
	95	323.7	19.42	385.7	24.83	448.0	30.90	**480.0**	**34.16**	501.1	34.80	512.0	35.14	525.4	35.64
	100	323.7	20.98	385.7	26.80	448.0	33.41	471.4	35.86	492.5	36.61	505.4	36.95	516.8	37.47
	105	323.7	23.57	385.7	30.20	445.4	37.58	458.3	38.43	477.7	39.21	490.0	39.56	502.0	40.10
	110	323.7	26.35	385.7	33.91	440.3	40.79	450.3	40.99	459.4	41.74	466.6	42.16	475.1	42.77
	115	323.7	30.26	385.7	38.73	419.1	42.71	432.0	42.71	442.8	43.33	446.9	43.41	448.9	43.72
	118	323.7	30.54	338.3	36.33	364.9	35.91	376.0	36.22	385.5	36.78	389.1	36.84	387.5	37.09
	122	276.8	27.64	271.4	27.61	290.8	27.33	300.6	27.39	308.8	27.84	312.5	27.92	312.0	28.17

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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ARUN480BTE4, ARUN480DTE4 / ARUB480BTE4, ARUB480DTE4 Cooling Capacity

480,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
90%	-9.9	291.4	7.44	347.1	8.92	405.1	10.54	432.9	11.34	460.8	12.12	516.5	13.96	572.2	15.32
	-5	291.4	7.9	347.1	9.42	405.1	11.12	432.9	11.96	460.8	12.79	516.5	14.72	572.2	16.16
	0	291.4	8.2	347.1	9.80	405.1	11.57	432.9	12.45	460.8	13.29	516.5	15.32	572.2	16.81
	5	291.4	8.5	347.1	10.15	405.1	11.98	432.9	12.90	460.8	13.79	516.5	15.88	572.2	17.42
	10	291.4	8.7	347.1	10.45	405.1	12.34	432.9	13.27	460.8	14.18	516.5	16.33	572.2	17.92
	14	291.4	9.0	347.1	10.84	405.1	12.79	432.9	13.76	460.8	14.69	516.5	16.92	572.2	18.58
	20	291.4	9.36	347.1	11.23	405.1	13.26	432.9	14.29	460.8	15.30	516.5	17.53	572.2	19.28
	25	291.4	9.64	347.1	11.59	405.1	13.66	432.9	14.71	460.8	15.82	516.5	18.03	572.2	19.89
	30	291.4	9.92	347.1	11.92	405.1	14.07	432.9	15.16	460.8	16.33	516.5	18.53	572.2	20.48
	35	291.4	10.22	347.1	12.29	405.1	14.49	432.9	15.61	460.8	16.80	516.5	19.09	572.2	21.12
	40	291.4	10.51	347.1	12.65	405.1	14.93	432.9	16.08	460.8	17.33	516.5	19.67	572.2	21.73
	45	291.4	10.76	347.1	12.95	405.1	15.27	432.9	16.47	460.8	17.72	516.5	20.12	572.2	22.24
	50	291.4	11.00	347.1	13.23	405.1	15.60	432.9	16.83	460.8	18.11	516.5	20.59	572.2	22.71
	55	291.4	11.12	347.1	13.43	405.1	15.88	432.9	17.17	460.8	18.45	516.5	20.98	572.2	22.93
	60	291.4	11.54	347.1	13.99	405.1	16.49	432.9	17.86	460.8	19.20	516.5	21.79	567.4	23.19
	65	291.4	11.73	347.1	14.24	405.1	16.83	432.9	18.19	460.8	19.54	516.5	22.20	563.7	24.35
	70	291.4	12.09	347.1	14.66	405.1	17.44	432.9	19.20	460.8	20.98	516.5	24.77	552.9	26.16
	75	291.4	12.29	347.1	15.33	405.1	18.67	432.9	20.56	460.8	22.54	516.5	25.83	544.3	27.33
	80	291.4	13.77	347.1	17.38	405.1	21.31	432.9	23.49	460.8	25.72	516.5	28.56	529.4	29.73
	85	291.4	14.66	347.1	18.53	405.1	22.79	432.9	25.05	460.8	27.48	510.0	30.07	520.8	30.95
	90	291.4	16.55	347.1	20.98	405.1	25.86	432.9	28.50	460.8	31.29	495.1	32.91	505.7	33.41
	95	291.4	17.64	347.1	22.26	405.1	27.56	**432.9**	**30.40**	460.8	33.38	486.5	34.16	497.1	34.63
	100	291.4	18.22	347.1	23.21	405.1	28.70	432.9	31.60	460.8	34.13	480.0	35.64	488.6	36.03
	105	291.4	21.12	347.1	26.92	405.1	32.46	432.9	34.61	455.5	36.58	465.1	38.20	471.4	38.67
	110	291.4	24.24	347.1	31.04	405.1	35.61	432.9	37.37	437.1	39.67	442.9	41.02	446.5	41.49
	115	291.4	26.25	347.1	33.66	379.4	37.48	410.3	39.09	416.3	40.93	420.0	41.83	422.0	42.38
	118	291.4	27.89	338.3	36.33	330.3	31.52	357.4	33.16	362.3	34.74	365.7	35.50	364.3	35.95
	122	276.9	27.64	271.4	27.61	263.2	23.99	285.5	25.08	290.3	26.30	293.7	26.91	293.2	27.31
80%	-9.9	259.2	6.46	308.6	7.77	360.0	9.03	383.7	9.81	409.4	10.56	458.6	12.07	508.0	13.45
	-5	259.2	6.8	308.6	8.19	360.0	9.53	383.7	10.34	409.4	11.15	458.6	12.73	508.0	14.18
	0	259.2	7.1	308.6	8.53	360.0	9.92	383.7	10.76	409.4	11.59	458.6	13.24	508.0	14.76
	5	259.2	7.3	308.6	8.84	360.0	10.26	383.7	11.15	409.4	12.03	458.6	13.73	508.0	15.30
	10	259.2	7.6	308.6	9.09	360.0	10.56	383.7	11.48	409.4	12.37	458.6	14.13	508.0	15.74
	14	259.2	7.8	308.6	9.42	360.0	10.95	383.7	11.90	409.4	12.82	458.6	14.63	508.0	16.30
	20	259.2	8.11	308.6	9.76	360.0	11.39	383.7	12.34	409.4	13.26	458.6	15.16	508.0	16.94
	25	259.2	8.36	308.6	10.03	360.0	11.76	383.7	12.71	409.4	13.63	458.6	15.61	508.0	17.45
	30	259.2	8.61	308.6	10.33	360.0	12.12	383.7	13.07	409.4	13.99	458.6	16.05	508.0	17.97
	35	259.2	8.86	308.6	10.62	360.0	12.46	383.7	13.43	409.4	14.38	458.6	16.50	508.0	18.48
	40	259.2	9.09	308.6	10.89	360.0	12.79	383.7	13.80	409.4	14.77	458.6	16.94	508.0	18.97
	45	259.2	9.22	308.6	11.03	360.0	12.98	383.7	14.01	409.4	14.96	458.6	17.19	508.0	19.23
	50	259.2	9.34	308.6	11.20	360.0	13.15	383.7	14.18	409.4	15.18	458.6	17.41	508.0	19.50
	55	259.4	9.50	308.6	11.39	360.0	13.38	383.7	14.43	409.4	15.46	458.6	17.75	508.0	19.84
	60	259.4	9.81	308.6	11.76	360.0	13.85	383.7	14.94	409.4	16.08	458.6	18.36	508.0	20.64
	65	259.4	9.97	308.6	12.01	360.0	14.13	383.7	15.24	409.4	16.41	458.6	18.70	508.0	21.12
	70	259.4	10.25	308.6	12.34	360.0	14.57	383.7	15.71	409.4	17.08	458.6	20.17	508.0	23.35
	75	259.4	10.45	308.6	12.57	360.0	15.27	383.7	16.75	409.4	18.22	458.6	21.45	508.0	24.61
	80	259.4	11.43	308.6	14.29	360.0	17.41	383.7	19.03	409.4	20.78	458.6	24.66	508.0	27.50
	85	259.4	12.20	308.6	15.18	360.0	18.56	383.7	20.31	409.4	22.26	458.6	26.28	508.0	28.20
	90	259.4	13.71	308.6	17.22	360.0	20.98	383.7	23.07	409.4	25.30	458.6	28.89	499.7	29.90
	95	259.4	14.57	308.6	18.22	360.0	22.40	**383.7**	**24.49**	409.4	26.89	458.6	29.90	488.8	30.71
	100	259.2	15.71	308.6	19.64	360.0	24.15	383.7	26.22	409.4	27.97	458.6	31.12	478.0	31.71
	105	259.2	17.89	308.6	22.48	360.0	26.89	383.7	28.14	409.4	29.98	453.1	32.35	464.2	33.27
	110	259.4	20.31	308.6	25.63	360.0	28.53	383.7	30.06	409.4	32.32	437.1	33.55	439.4	34.99
	115	259.4	21.73	308.6	27.39	360.0	29.48	383.7	31.60	383.7	33.07	386.0	34.30	386.0	36.39
	118	259.4	23.07	308.6	29.09	330.3	31.52	336.9	29.98	334.0	28.06	336.0	29.11	333.1	30.87
	122	259.4	24.94	272.3	27.44	263.2	23.99	269.2	22.68	267.5	21.24	269.7	22.07	268.2	23.46

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Cooling Capacity ARUN480BTE4, ARUN480DTE4 / ARUB480BTE4, ARUB480DTE4

480,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
70%	-9.9	227.1	5.69	270.0	6.77	315.1	7.97	336.5	8.53	358.0	9.08	400.8	10.42	445.7	11.65
	-5	227.1	6.0	270.0	7.14	315.1	8.41	336.5	9.00	358.0	9.59	400.8	10.98	445.7	12.29
	0	227.1	6.2	270.0	7.44	315.1	8.75	336.5	9.36	358.0	9.97	400.8	11.42	445.7	12.79
	5	227.1	6.5	270.0	7.69	315.1	9.06	336.5	9.70	358.0	10.34	400.8	11.84	445.7	13.26
	10	227.1	6.7	270.0	7.92	315.1	9.33	336.5	9.98	358.0	10.64	400.8	12.18	445.7	13.63
	14	227.1	6.9	270.0	8.22	315.1	9.67	336.5	10.34	358.0	11.01	400.8	12.62	445.7	14.13
	20	227.1	7.14	270.0	8.47	315.1	9.97	336.5	10.67	358.0	11.40	400.8	13.01	445.7	14.60
	25	227.1	7.35	270.0	8.72	315.1	10.22	336.5	10.97	358.0	11.73	400.8	13.35	445.7	14.99
	30	227.1	7.55	270.0	8.94	315.1	10.47	336.5	11.25	358.0	12.04	400.8	13.68	445.7	15.38
	35	227.1	7.75	270.0	9.19	315.1	10.76	336.5	11.54	358.0	12.37	400.8	14.04	445.7	15.82
	40	227.1	7.94	270.0	9.42	315.1	11.03	336.5	11.84	358.0	12.68	400.8	14.43	445.7	16.22
	45	227.1	8.06	270.0	9.56	315.1	11.20	336.5	12.06	358.0	12.87	400.8	14.66	445.7	16.47
	50	227.1	8.22	270.0	9.72	315.1	11.39	336.5	12.23	358.0	13.10	400.8	14.90	445.7	16.75
	55	227.1	8.36	270.0	9.92	315.1	11.57	336.5	12.43	358.0	13.32	400.8	15.18	445.7	17.08
	60	227.1	8.58	270.0	10.25	315.1	12.01	336.5	12.90	358.0	13.82	400.8	15.75	445.7	17.75
	65	227.1	8.72	270.0	10.45	315.1	12.20	336.5	13.15	358.0	14.10	400.8	16.05	445.7	18.03
	70	227.1	8.97	270.0	10.73	315.1	12.57	336.5	13.52	358.0	14.52	400.8	16.61	445.7	19.17
	75	227.1	9.11	270.0	10.92	315.1	12.82	336.5	13.99	358.0	15.18	400.8	17.75	445.7	20.29
	80	227.1	9.81	270.0	12.06	315.1	14.57	336.5	15.89	358.0	17.22	400.8	19.62	445.7	22.51
	85	227.1	10.45	270.0	12.82	315.1	15.52	336.5	16.94	358.0	18.56	400.8	20.90	445.7	23.46
	90	227.1	11.73	270.0	14.46	315.1	17.55	336.5	19.17	358.0	20.98	400.8	23.30	445.7	25.47
	95	227.1	12.37	270.0	15.38	315.1	18.70	**336.5**	**20.45**	358.0	22.26	400.8	24.52	445.7	26.24
	100	227.1	13.38	270.0	16.61	315.1	20.17	336.5	22.07	358.0	22.91	400.8	25.66	445.7	26.97
	105	227.1	15.16	270.0	18.92	315.1	22.24	336.5	23.54	358.0	24.91	400.8	27.03	445.7	28.56
	110	227.1	17.08	270.0	21.45	315.1	23.54	336.5	24.96	358.0	27.00	400.8	28.14	432.9	30.71
	115	227.1	18.36	270.0	22.87	315.1	24.35	336.5	26.38	358.0	27.78	400.8	29.00	408.0	32.68
	118	227.1	19.50	270.0	24.30	315.1	25.86	336.5	27.95	325.7	27.78	336.0	24.60	333.1	27.73
	122	227.1	21.04	270.0	26.31	281.1	24.69	268.8	22.99	260.8	21.04	269.7	18.64	268.2	21.07
60%	-9.9	195.1	4.93	231.4	5.74	270.0	6.72	287.1	7.19	306.5	7.74	345.1	8.77	381.4	9.80
	-5	195.1	5.2	231.4	6.05	270.0	7.10	287.1	7.58	306.5	8.16	345.1	9.25	381.4	10.34
	0	195.1	5.4	231.4	6.30	270.0	7.38	287.1	7.89	306.5	8.50	345.1	9.61	381.4	10.75
	5	195.1	5.6	231.4	6.52	270.0	7.66	287.1	8.17	306.5	8.80	345.1	9.97	381.4	11.15
	10	195.1	5.8	231.4	6.71	270.0	7.88	287.1	8.41	306.5	9.06	345.1	10.25	381.4	11.46
	14	195.1	6.0	231.4	6.96	270.0	8.16	287.1	8.72	306.5	9.39	345.1	10.62	381.4	11.87
	20	195.1	6.16	231.4	7.21	270.0	8.42	287.1	9.03	306.5	9.69	345.1	10.98	381.4	12.29
	25	195.1	6.32	231.4	7.41	270.0	8.64	287.1	9.28	306.5	9.95	345.1	11.28	381.4	12.65
	30	195.1	6.47	231.4	7.63	270.0	8.86	287.1	9.53	306.5	10.20	345.1	11.56	381.4	12.98
	35	195.1	6.63	231.4	7.83	270.0	9.08	287.1	9.78	306.5	10.45	345.1	11.85	381.4	13.32
	40	195.1	6.80	231.4	8.02	270.0	9.33	287.1	10.03	306.5	10.73	345.1	12.18	381.4	13.66
	45	195.1	6.86	231.4	8.10	270.0	9.39	287.1	10.11	306.5	10.84	345.1	12.26	381.4	13.76
	50	195.1	6.93	231.4	8.16	270.0	9.50	287.1	10.20	306.5	10.92	345.1	12.37	381.4	13.90
	55	195.1	7.02	231.4	8.30	270.0	9.67	287.1	10.39	306.5	11.09	345.1	12.62	381.4	14.13
	60	195.1	7.27	231.4	8.58	270.0	10.01	287.1	10.78	306.5	11.53	345.1	13.04	381.4	14.71
	65	195.1	7.36	231.4	8.72	270.0	10.20	287.1	10.95	306.5	11.73	345.1	13.32	381.4	14.99
	70	195.1	7.55	231.4	8.97	270.0	10.48	287.1	11.25	306.5	12.06	345.1	13.71	381.4	15.57
	75	195.1	7.69	231.4	9.11	270.0	10.67	287.1	11.48	306.5	12.43	345.1	14.52	381.4	16.58
	80	195.1	8.16	231.4	9.97	270.0	11.95	287.1	13.04	306.5	14.13	345.1	16.27	381.4	18.73
	85	195.1	8.69	231.4	10.59	270.0	12.71	287.1	13.90	306.5	15.13	345.1	17.13	381.4	19.33
	90	195.1	9.72	231.4	11.95	270.0	14.38	287.1	15.71	306.5	17.00	345.1	19.14	381.4	21.09
	95	195.1	10.31	231.4	12.67	270.0	15.27	**287.1**	**16.75**	306.5	18.00	345.1	20.01	381.4	22.21
	100	195.1	11.06	231.4	13.62	270.0	16.47	287.1	18.03	306.5	18.81	345.1	21.23	381.4	23.15
	105	195.1	12.57	231.4	15.52	270.0	18.17	287.1	19.23	306.5	20.45	345.1	22.54	381.4	25.24
	110	195.1	14.13	231.4	17.61	270.0	19.61	287.1	20.40	306.5	22.10	345.1	24.10	381.4	27.53
	115	195.1	15.13	231.4	18.78	270.0	20.37	287.1	21.59	306.5	22.90	345.1	25.49	381.4	29.42
	118	195.1	16.02	231.4	19.92	270.0	21.62	287.1	22.93	306.5	24.36	336.0	24.60	333.1	27.73
	122	195.1	17.27	231.4	21.54	270.0	23.43	268.3	23.26	259.7	21.54	269.7	18.64	268.2	21.07

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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LG

ARUN480BTE4, ARUN480DTE4 / ARUB480BTE4, ARUB480DTE4 Cooling Capacity

480,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
50%	-9.9	162.0	4.24	192.9	4.99	225.1	5.60	240.0	6.02	255.1	6.49	287.1	7.19	317.1	7.97
	-5	162.0	4.5	192.9	5.27	225.1	5.90	240.0	6.35	255.1	6.83	287.1	7.58	317.1	8.42
	0	162.0	4.7	192.9	5.49	225.1	6.13	240.0	6.61	255.1	7.11	287.1	7.89	317.1	8.75
	5	162.0	4.8	192.9	5.68	225.1	6.35	240.0	6.85	255.1	7.38	287.1	8.19	317.1	9.08
	10	162.0	5.0	192.9	5.85	225.1	6.55	240.0	7.05	255.1	7.58	287.1	8.42	317.1	9.33
	14	162.0	5.2	192.9	6.05	225.1	6.77	240.0	7.30	255.1	7.86	287.1	8.72	317.1	9.67
	20	162.0	5.35	192.9	6.24	225.1	7.05	240.0	7.58	255.1	8.11	287.1	9.05	317.1	10.03
	25	162.0	5.49	192.9	6.41	225.1	7.30	240.0	7.80	255.1	8.33	287.1	9.31	317.1	10.34
	30	162.0	5.66	192.9	6.57	225.1	7.52	240.0	8.00	255.1	8.55	287.1	9.58	317.1	10.65
	35	162.0	5.80	192.9	6.74	225.1	7.72	240.0	8.22	255.1	8.78	287.1	9.84	317.1	10.92
	40	162.0	5.96	192.9	6.91	225.1	7.92	240.0	8.42	255.1	9.00	287.1	10.08	317.1	11.23
	45	162.0	6.05	192.9	7.00	225.1	8.03	240.0	8.55	255.1	9.11	287.1	10.22	317.1	11.37
	50	162.0	6.13	192.9	7.11	225.1	8.14	240.0	8.67	255.1	9.25	287.1	10.37	317.1	11.54
	55	162.0	6.27	192.9	7.24	225.1	8.28	240.0	8.80	255.1	9.39	287.1	10.56	317.1	11.73
	60	162.0	6.38	192.9	7.44	225.1	8.55	240.0	9.14	255.1	9.72	287.1	10.89	317.1	12.20
	65	162.0	6.46	192.9	7.55	225.1	8.67	240.0	9.25	255.1	9.84	287.1	11.09	317.1	12.40
	70	162.0	6.66	192.9	7.69	225.1	8.86	240.0	9.53	255.1	10.11	287.1	11.40	317.1	12.79
	75	162.0	6.71	192.9	7.83	225.1	9.06	240.0	9.64	255.1	10.31	287.1	11.59	317.1	13.04
	80	162.0	6.91	192.9	8.28	225.1	9.72	240.0	10.50	255.1	11.28	287.1	12.98	317.1	14.80
	85	162.0	7.36	192.9	8.75	225.1	10.31	240.0	11.15	255.1	12.01	287.1	13.82	317.1	15.77
	90	162.0	8.22	192.9	9.78	225.1	11.59	240.0	12.51	255.1	13.49	287.1	15.58	317.1	17.86
	95	162.0	8.67	192.9	10.37	225.1	12.26	**240.0**	**13.29**	255.1	14.35	287.1	16.55	317.1	18.97
	100	162.0	9.14	192.9	10.95	225.1	12.98	240.0	14.07	255.1	15.19	287.1	17.61	317.1	20.14
	105	162.0	9.97	192.9	12.09	225.1	14.35	240.0	15.55	255.1	16.80	287.1	19.50	317.1	22.40
	110	162.0	11.01	192.9	13.37	225.1	15.91	240.0	17.28	255.1	18.70	287.1	21.76	317.1	25.02
	115	162.0	11.79	192.9	14.35	225.1	17.08	240.0	18.58	255.1	20.14	287.1	23.46	317.1	27.00
	118	162.0	12.74	192.9	15.55	225.1	18.56	240.0	20.20	255.1	21.93	287.1	24.60	317.1	27.73
	122	162.0	14.07	192.9	17.19	225.1	20.53	240.0	22.43	255.1	21.54	269.7	18.64	268.2	21.07

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Cooling Capacity ARUN504BTE4, ARUN504DTE4 / ARUB504BTE4, ARUB504DTE4

504,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
130%	-9.9	458.4	11.8	544.5	14.28	632.7	16.98	656.1	18.30	665.4	19.74	688.5	22.65	705.0	23.40
	-5	458.4	12.4	544.5	15.09	632.7	17.91	656.1	19.32	665.4	20.85	688.5	23.88	705.0	24.69
	0	458.4	12.9	544.5	15.69	632.7	18.63	656.1	20.10	665.4	21.69	688.5	24.84	705.0	25.68
	5	458.4	13.4	544.5	16.26	632.7	19.29	656.1	20.82	665.4	22.47	688.5	25.74	705.0	26.61
	10	458.4	13.8	544.5	16.74	632.7	19.86	656.1	21.42	665.4	23.10	688.5	26.49	705.0	27.36
	14	458.4	14.3	544.5	17.34	632.7	20.58	656.1	22.20	665.4	23.94	688.5	27.45	705.0	28.38
	20	458.4	14.52	544.5	17.61	632.7	20.88	656.1	22.53	665.4	24.27	688.5	27.84	705.0	28.77
	25	458.4	14.73	544.5	17.85	632.7	21.12	656.1	22.83	665.4	24.57	688.5	28.14	705.0	29.13
	30	458.4	14.94	544.5	18.06	632.7	21.36	656.1	23.10	665.4	24.84	688.5	28.47	705.0	29.46
	35	458.4	15.09	544.5	18.30	632.7	21.63	656.1	23.37	665.4	25.14	688.5	28.80	705.0	29.82
	40	458.4	15.30	544.5	18.51	632.7	21.90	656.1	23.67	665.4	25.44	688.5	29.16	705.0	30.18
	45	458.4	15.45	544.5	18.69	632.7	22.14	656.1	23.91	665.4	25.68	688.5	29.46	705.0	30.48
	50	458.4	15.60	544.5	18.87	632.7	22.32	656.1	24.15	665.4	25.95	688.5	29.76	705.0	30.78
	55	458.4	15.87	544.5	19.23	632.7	22.77	646.8	24.66	656.1	26.46	679.2	30.27	695.4	30.99
	60	458.4	16.38	544.5	19.92	623.4	23.70	632.4	25.62	639.9	27.51	662.7	31.23	679.2	31.35
	65	458.4	16.74	544.5	20.34	614.1	24.15	623.4	26.13	630.6	28.02	653.1	32.25	669.6	32.52
	70	458.4	16.11	544.5	19.56	602.7	24.06	609.6	26.49	618.9	29.04	641.4	32.28	657.9	32.58
	75	458.4	16.50	544.5	20.85	593.4	25.74	600.3	28.41	609.6	31.14	632.1	33.81	648.6	34.05
	80	458.4	18.75	544.5	23.73	576.9	29.46	584.1	32.52	593.4	35.73	615.6	36.69	632.1	37.02
	85	458.4	19.95	544.5	25.35	567.6	31.47	576.9	34.68	584.1	37.92	606.3	38.22	622.8	38.55
	90	458.4	22.62	535.2	28.80	551.4	35.73	558.3	39.51	567.6	40.89	589.8	41.22	606.3	41.61
	95	463.2	23.97	531.3	30.66	547.8	38.16	**557.1**	**42.18**	564.3	42.33	586.5	42.75	603.3	43.14
	100	463.2	25.95	522.0	33.15	538.5	41.34	547.8	44.40	555.0	44.64	579.3	45.03	596.1	45.45
	105	463.2	29.28	507.9	37.53	524.4	46.65	532.5	47.73	540.6	47.97	559.2	48.42	567.3	48.87
	110	463.2	32.85	486.9	42.30	507.3	50.88	508.8	51.12	516.3	51.30	527.1	51.81	529.2	52.29
	115	460.8	38.01	469.2	48.63	469.2	53.64	469.2	53.64	469.2	53.64	476.1	53.73	478.2	53.82
	118	400.8	32.22	408.0	41.22	408.6	45.09	408.6	45.51	408.6	45.51	414.6	45.60	412.8	45.66
	122	320.1	24.45	327.3	31.32	325.5	34.32	326.4	34.41	327.3	34.47	332.7	34.56	332.4	34.71
120%	-9.9	417.0	11.10	497.7	13.47	578.4	15.93	619.8	17.19	647.4	18.54	676.8	21.24	690.9	21.96
	-5	417.0	11.7	497.7	14.19	578.4	16.80	619.8	18.12	647.4	19.56	676.8	22.41	690.9	23.16
	0	417.0	12.2	497.7	14.76	578.4	17.49	619.8	18.84	647.4	20.34	676.8	23.31	690.9	24.09
	5	417.0	12.6	497.7	15.30	578.4	18.12	619.8	19.53	647.4	21.06	676.8	24.15	690.9	24.96
	10	417.0	13.0	497.7	15.75	578.4	18.63	619.8	20.10	647.4	21.69	676.8	24.87	690.9	25.68
	14	417.0	13.5	497.7	16.32	578.4	19.32	619.8	20.82	647.4	22.47	676.8	25.77	690.9	26.61
	20	417.0	13.68	497.7	16.56	578.4	19.59	619.8	21.15	647.4	22.80	676.8	26.13	690.9	27.00
	25	417.0	13.86	497.7	16.77	578.4	19.83	619.8	21.42	647.4	23.04	676.8	26.43	690.9	27.33
	30	417.0	14.01	497.7	16.98	578.4	20.07	619.8	21.69	647.4	23.31	676.8	26.73	690.9	27.66
	35	417.0	14.22	497.7	17.16	578.4	20.31	619.8	21.96	647.4	23.61	676.8	27.06	690.9	27.99
	40	417.0	14.37	497.7	17.40	578.4	20.58	619.8	22.23	647.4	23.91	676.8	27.39	690.9	28.35
	45	417.0	14.55	497.7	17.58	578.4	20.79	619.8	22.50	647.4	24.18	676.8	27.69	690.9	28.68
	50	417.0	14.70	497.7	17.79	578.4	21.03	619.8	22.74	647.4	24.45	676.8	28.02	690.9	28.98
	55	417.0	14.94	497.7	18.12	578.4	21.45	619.8	23.22	640.5	24.93	667.5	28.50	684.0	29.22
	60	417.0	15.42	497.7	18.75	578.4	22.32	615.3	24.12	622.2	25.89	651.0	29.40	665.1	29.91
	65	417.0	15.75	497.7	19.17	578.4	22.74	606.0	24.60	615.3	26.40	641.7	30.36	658.2	30.60
	70	417.0	15.45	497.7	18.78	578.4	23.10	594.6	25.41	601.5	27.90	630.0	30.99	644.1	31.29
	75	417.0	15.84	497.7	20.01	578.4	24.72	585.3	27.27	594.6	29.91	620.4	32.46	636.9	32.67
	80	417.0	18.00	497.7	22.80	562.2	28.29	569.1	31.20	576.0	34.29	603.9	35.22	618.0	35.55
	85	417.0	19.17	497.7	24.33	552.9	30.21	559.8	33.30	569.1	36.39	594.6	36.69	611.1	37.02
	90	417.0	21.72	497.7	27.66	537.0	34.29	543.9	37.95	550.8	39.24	578.1	39.57	592.2	39.93
	95	421.5	23.01	503.1	29.43	533.1	36.63	**540.3**	**40.50**	549.6	40.65	574.8	41.04	591.3	41.40
	100	421.5	24.93	503.1	31.83	523.8	39.69	533.1	42.60	540.3	42.84	567.6	43.23	582.0	43.62
	105	421.5	28.08	495.0	36.03	510.0	44.79	518.1	45.81	525.0	46.05	551.1	46.47	560.4	46.89
	110	421.5	31.56	482.4	40.59	498.0	48.84	499.5	49.08	507.0	49.26	522.6	49.74	524.7	50.19
	115	409.8	36.51	464.7	46.68	464.7	51.48	464.7	51.48	464.7	51.48	476.1	51.57	478.2	51.66
	118	366.0	32.22	404.1	39.57	404.7	43.29	404.7	43.68	404.7	43.68	414.6	43.77	412.8	43.83
	122	292.5	24.45	324.0	30.09	322.5	32.97	323.4	33.03	324.0	33.09	333.0	33.18	332.4	33.30

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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ARUN504BTE4, ARUN504DTE4 / ARUB504BTE4, ARUB504DTE4 Cooling Capacity

504,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
110%	-9.9	386.4	10.23	461.1	12.33	535.5	14.61	572.7	15.84	610.2	16.98	672.0	19.35	686.4	20.10
	-5	386.4	10.8	461.1	13.02	535.5	15.42	572.7	16.71	610.2	17.91	672.0	20.43	686.4	21.18
	0	386.4	11.2	461.1	13.53	535.5	16.05	572.7	17.37	610.2	18.63	672.0	21.24	686.4	22.05
	5	386.4	11.6	461.1	14.01	535.5	16.62	572.7	18.03	610.2	19.32	672.0	22.02	686.4	22.86
	10	386.4	12.0	461.1	14.43	535.5	17.10	572.7	18.54	610.2	19.86	672.0	22.65	686.4	23.52
	14	386.4	12.4	461.1	14.94	535.5	17.73	572.7	19.20	610.2	20.58	672.0	23.49	686.4	24.36
	20	386.4	12.57	461.1	15.18	535.5	17.97	572.7	19.47	610.2	20.88	672.0	23.88	686.4	24.75
	25	386.4	12.72	461.1	15.39	535.5	18.21	572.7	19.71	610.2	21.15	672.0	24.21	686.4	25.05
	30	386.4	12.87	461.1	15.57	535.5	18.42	572.7	19.92	610.2	21.42	672.0	24.54	686.4	25.38
	35	386.4	13.08	461.1	15.81	535.5	18.69	572.7	20.22	610.2	21.75	672.0	24.90	686.4	25.77
	40	386.4	13.26	461.1	16.02	535.5	18.96	572.7	20.49	610.2	22.02	672.0	25.26	686.4	26.10
	45	386.4	13.47	461.1	16.29	535.5	19.26	572.7	20.82	610.2	22.38	672.0	25.68	686.4	26.55
	50	386.4	13.68	461.1	16.56	535.5	19.59	572.7	21.18	610.2	22.77	672.0	26.10	686.4	26.97
	55	386.4	13.92	461.1	16.86	535.5	19.95	572.7	21.63	610.2	23.22	662.7	26.55	676.8	27.21
	60	386.4	14.37	461.1	17.46	535.5	20.79	572.7	22.47	610.2	24.12	645.9	27.36	660.3	27.63
	65	386.4	14.67	461.1	17.85	535.5	21.18	572.7	22.92	610.2	24.57	636.6	28.29	650.7	28.50
	70	386.4	14.82	461.1	18.00	535.5	22.14	572.7	24.36	598.5	26.73	624.6	29.70	639.0	30.00
	75	386.4	15.18	461.1	19.20	535.5	23.70	572.7	26.16	589.2	28.68	615.0	31.11	629.4	31.35
	80	382.5	17.25	456.3	21.84	530.1	27.12	560.1	29.94	567.0	32.88	592.5	33.78	606.6	34.08
	85	382.5	18.36	456.3	23.34	530.1	28.98	550.8	31.92	557.7	34.89	582.9	35.19	597.0	35.49
	90	382.5	20.82	456.3	26.52	527.7	32.88	534.6	36.36	541.5	37.62	566.4	37.92	580.8	38.31
	95	382.5	22.08	456.3	28.23	518.7	35.13	**525.6**	**38.82**	532.5	38.97	557.1	39.33	571.2	39.72
	100	382.5	23.91	456.3	30.54	511.5	38.07	518.7	40.86	525.6	41.07	550.2	41.46	564.3	41.85
	105	382.5	26.94	456.3	34.53	495.6	42.96	502.5	43.95	509.4	44.16	534.0	44.55	547.5	45.00
	110	382.5	30.24	456.3	38.94	480.3	46.83	481.8	47.07	489.0	47.22	504.0	47.67	506.1	48.15
	115	382.5	35.01	456.3	44.76	459.9	49.38	459.9	49.38	462.0	49.38	471.3	49.47	473.4	49.56
	118	369.6	31.89	396.9	37.92	400.5	41.52	400.5	41.88	402.3	41.88	410.4	41.97	408.6	42.03
	122	295.5	24.18	318.3	28.83	319.2	31.59	320.1	31.68	322.2	31.71	329.4	31.80	328.8	31.95
100%	-9.9	339.9	9.00	405.0	10.86	470.4	12.87	504.0	14.01	553.8	15.15	621.0	17.49	655.8	18.21
	-5	339.9	9.5	405.0	11.46	470.4	13.56	504.0	14.79	553.8	15.99	621.0	18.45	655.8	19.23
	0	339.9	9.9	405.0	11.91	470.4	14.10	504.0	15.39	553.8	16.65	621.0	19.20	655.8	19.98
	5	339.9	10.2	405.0	12.33	470.4	14.61	504.0	15.93	553.8	17.25	621.0	19.89	655.8	20.73
	10	339.9	10.5	405.0	12.69	470.4	15.06	504.0	16.38	553.8	17.73	621.0	20.46	655.8	21.33
	14	339.9	10.9	405.0	13.17	470.4	15.60	504.0	16.98	553.8	18.39	621.0	21.21	655.8	22.08
	20	339.9	11.25	405.0	13.59	470.4	16.08	504.0	17.46	553.8	18.96	621.0	21.84	655.8	22.71
	25	339.9	11.52	405.0	13.95	470.4	16.50	504.0	17.88	553.8	19.47	621.0	22.35	655.8	23.25
	30	339.9	11.82	405.0	14.31	470.4	16.92	504.0	18.27	553.8	19.95	621.0	22.86	655.8	23.76
	35	339.9	12.00	405.0	14.52	470.4	17.19	504.0	18.57	553.8	20.28	621.0	23.25	655.8	24.15
	40	339.9	12.21	405.0	14.76	470.4	17.46	504.0	18.87	553.8	20.58	621.0	23.61	655.8	24.54
	45	339.9	12.48	405.0	15.09	470.4	17.79	504.0	19.26	553.8	21.00	621.0	24.09	655.8	25.05
	50	339.9	12.69	405.0	15.36	470.4	18.18	504.0	19.65	553.8	21.45	621.0	24.57	655.8	25.56
	55	339.9	12.93	405.0	15.66	470.4	18.54	504.0	20.07	553.8	21.87	621.0	25.02	648.9	25.92
	60	339.9	13.35	405.0	16.20	470.4	19.29	504.0	20.85	553.8	22.74	618.9	25.80	630.3	26.40
	65	339.9	13.62	405.0	16.56	470.4	19.65	504.0	21.27	553.8	23.16	609.6	26.64	623.4	27.18
	70	339.9	14.04	405.0	17.07	470.4	21.00	504.0	23.10	553.8	25.71	597.9	28.56	609.6	29.07
	75	339.9	14.40	405.0	18.18	470.4	22.47	504.0	24.78	553.8	27.57	588.6	29.91	602.7	30.27
	80	339.9	16.35	405.0	20.70	470.4	25.68	504.0	28.35	553.8	31.62	572.4	32.49	584.1	32.94
	85	339.9	17.40	405.0	22.11	470.4	27.45	504.0	30.24	551.7	33.57	563.1	33.84	577.2	34.29
	90	339.9	19.71	405.0	25.14	470.4	31.17	504.0	34.47	533.1	36.18	546.9	36.48	558.6	37.02
	95	339.9	20.91	405.0	26.73	470.4	33.27	**504.0**	**36.78**	526.2	37.47	537.6	37.83	551.7	38.37
	100	339.9	22.59	405.0	28.86	470.4	35.97	495.0	38.61	517.2	39.42	530.7	39.78	542.7	40.35
	105	339.9	25.38	405.0	32.52	467.7	40.47	481.2	41.37	501.6	42.21	514.5	42.60	527.1	43.17
	110	339.9	28.38	405.0	36.51	462.3	43.92	472.8	44.13	482.4	44.94	489.9	45.39	498.9	46.05
	115	339.9	32.58	405.0	41.70	440.1	45.99	453.6	45.99	465.0	46.65	469.2	46.74	471.3	47.07
	118	339.9	32.88	355.2	39.12	383.1	38.67	394.8	39.00	404.7	39.60	408.6	39.66	406.8	39.93
	122	290.7	29.76	285.0	29.73	305.4	29.43	315.6	29.49	324.3	29.97	328.2	30.06	327.6	30.33

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Cooling Capacity ARUN504BTE4, ARUN504DTE4 / ARUB504BTE4, ARUB504DTE4

504,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
90%	-9.9	306.0	8.01	364.5	9.60	425.4	11.34	454.5	12.21	483.9	13.05	542.4	15.03	600.9	16.50
	-5	306.0	8.5	364.5	10.14	425.4	11.97	454.5	12.87	483.9	13.77	542.4	15.84	600.9	17.40
	0	306.0	8.8	364.5	10.56	425.4	12.45	454.5	13.41	483.9	14.31	542.4	16.50	600.9	18.09
	5	306.0	9.1	364.5	10.92	425.4	12.90	454.5	13.89	483.9	14.85	542.4	17.10	600.9	18.75
	10	306.0	9.4	364.5	11.25	425.4	13.29	454.5	14.28	483.9	15.27	542.4	17.58	600.9	19.29
	14	306.0	9.7	364.5	11.67	425.4	13.77	454.5	14.82	483.9	15.81	542.4	18.21	600.9	20.01
	20	306.0	10.08	364.5	12.09	425.4	14.28	454.5	15.39	483.9	16.47	542.4	18.87	600.9	20.76
	25	306.0	10.38	364.5	12.48	425.4	14.70	454.5	15.84	483.9	17.04	542.4	19.41	600.9	21.42
	30	306.0	10.68	364.5	12.84	425.4	15.15	454.5	16.32	483.9	17.58	542.4	19.95	600.9	22.05
	35	306.0	11.01	364.5	13.23	425.4	15.60	454.5	16.80	483.9	18.09	542.4	20.55	600.9	22.74
	40	306.0	11.31	364.5	13.62	425.4	16.08	454.5	17.31	483.9	18.66	542.4	21.18	600.9	23.40
	45	306.0	11.58	364.5	13.95	425.4	16.44	454.5	17.73	483.9	19.08	542.4	21.66	600.9	23.94
	50	306.0	11.85	364.5	14.25	425.4	16.80	454.5	18.12	483.9	19.50	542.4	22.17	600.9	24.45
	55	306.0	11.97	364.5	14.46	425.4	17.10	454.5	18.48	483.9	19.86	542.4	22.59	600.9	24.69
	60	306.0	12.42	364.5	15.06	425.4	17.76	454.5	19.23	483.9	20.67	542.4	23.46	595.8	24.96
	65	306.0	12.63	364.5	15.33	425.4	18.12	454.5	19.59	483.9	21.03	542.4	23.91	591.9	26.22
	70	306.0	13.02	364.5	15.78	425.4	18.78	454.5	20.67	483.9	22.59	542.4	26.67	580.5	28.17
	75	306.0	13.23	364.5	16.50	425.4	20.10	454.5	22.14	483.9	24.27	542.4	27.81	571.5	29.43
	80	306.0	14.82	364.5	18.72	425.4	22.95	454.5	25.29	483.9	27.69	542.4	30.75	555.9	32.01
	85	306.0	15.78	364.5	19.95	425.4	24.54	454.5	26.97	483.9	29.58	535.5	32.37	546.9	33.33
	90	306.0	17.82	364.5	22.59	425.4	27.84	454.5	30.69	483.9	33.69	519.9	35.43	531.0	35.97
	95	306.0	18.99	364.5	23.97	425.4	29.67	**454.5**	**32.73**	483.9	35.94	510.9	36.78	522.0	37.29
	100	306.0	19.62	364.5	24.99	425.4	30.90	454.5	34.02	483.9	36.75	504.0	38.37	513.0	38.79
	105	306.0	22.74	364.5	28.98	425.4	34.95	454.5	37.26	478.2	39.39	488.4	41.13	495.0	41.64
	110	306.0	26.10	364.5	33.42	425.4	38.34	454.5	40.23	459.0	42.72	465.0	44.16	468.9	44.67
	115	306.0	28.26	364.5	36.24	398.4	40.35	430.8	42.09	437.1	44.07	441.0	45.03	443.1	45.63
	118	306.0	30.03	355.2	39.12	346.8	33.93	375.3	35.70	380.4	37.41	384.0	38.22	382.5	38.70
	122	290.7	29.76	285.0	29.73	276.3	25.83	299.7	27.00	304.8	28.32	308.4	28.98	307.8	29.40
80%	-9.9	272.1	6.96	324.0	8.37	378.0	9.72	402.9	10.56	429.9	11.37	481.5	12.99	533.4	14.49
	-5	272.1	7.3	324.0	8.82	378.0	10.26	402.9	11.13	429.9	12.00	481.5	13.71	533.4	15.27
	0	272.1	7.6	324.0	9.18	378.0	10.68	402.9	11.58	429.9	12.48	481.5	14.25	533.4	15.90
	5	272.1	7.9	324.0	9.51	378.0	11.04	402.9	12.00	429.9	12.96	481.5	14.79	533.4	16.47
	10	272.1	8.1	324.0	9.78	378.0	11.37	402.9	12.36	429.9	13.32	481.5	15.21	533.4	16.95
	14	272.1	8.4	324.0	10.14	378.0	11.79	402.9	12.81	429.9	13.80	481.5	15.75	533.4	17.55
	20	272.1	8.73	324.0	10.50	378.0	12.27	402.9	13.29	429.9	14.28	481.5	16.32	533.4	18.24
	25	272.1	9.00	324.0	10.80	378.0	12.66	402.9	13.68	429.9	14.67	481.5	16.80	533.4	18.78
	30	272.1	9.27	324.0	11.13	378.0	13.05	402.9	14.07	429.9	15.06	481.5	17.28	533.4	19.35
	35	272.1	9.54	324.0	11.43	378.0	13.41	402.9	14.46	429.9	15.48	481.5	17.76	533.4	19.89
	40	272.1	9.78	324.0	11.73	378.0	13.77	402.9	14.85	429.9	15.90	481.5	18.24	533.4	20.43
	45	272.1	9.93	324.0	11.88	378.0	13.98	402.9	15.09	429.9	16.11	481.5	18.51	533.4	20.70
	50	272.1	10.05	324.0	12.06	378.0	14.16	402.9	15.27	429.9	16.35	481.5	18.75	533.4	21.00
	55	272.4	10.23	324.0	12.27	378.0	14.40	402.9	15.54	429.9	16.65	481.5	19.11	533.4	21.36
	60	272.4	10.56	324.0	12.66	378.0	14.91	402.9	16.08	429.9	17.31	481.5	19.77	533.4	22.23
	65	272.4	10.74	324.0	12.93	378.0	15.21	402.9	16.41	429.9	17.67	481.5	20.13	533.4	22.74
	70	272.4	11.04	324.0	13.29	378.0	15.69	402.9	16.92	429.9	18.39	481.5	21.72	533.4	25.14
	75	272.4	11.25	324.0	13.53	378.0	16.44	402.9	18.03	429.9	19.62	481.5	23.10	533.4	26.49
	80	272.4	12.30	324.0	15.39	378.0	18.75	402.9	20.49	429.9	22.38	481.5	26.55	533.4	29.61
	85	272.4	13.14	324.0	16.35	378.0	19.98	402.9	21.87	429.9	23.97	481.5	28.29	533.4	30.36
	90	272.4	14.76	324.0	18.54	378.0	22.59	402.9	24.84	429.9	27.24	481.5	31.11	524.7	32.19
	95	272.4	15.69	324.0	19.62	378.0	24.12	**402.9**	**26.37**	429.9	28.95	481.5	32.19	513.3	33.06
	100	272.1	16.92	324.0	21.15	378.0	26.01	402.9	28.23	429.9	30.12	481.5	33.51	501.9	34.14
	105	272.1	19.26	324.0	24.21	378.0	28.95	402.9	30.30	429.9	32.28	475.8	34.83	487.5	35.82
	110	272.4	21.87	324.0	27.60	378.0	30.72	402.9	32.37	429.9	34.80	459.0	36.12	461.4	37.68
	115	272.4	23.40	324.0	29.49	378.0	31.74	402.9	34.02	402.9	35.61	405.3	36.93	405.3	39.18
	118	272.4	24.84	324.0	31.32	346.8	33.93	353.7	32.28	350.7	30.21	352.8	31.35	349.8	33.24
	122	272.4	26.85	285.9	29.55	276.3	25.83	282.6	24.42	280.8	22.86	283.2	23.76	281.7	25.26

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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ARUN504BTE4, ARUN504DTE4 / ARUB504BTE4, ARUB504DTE4 Cooling Capacity

504,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
70%	-9.9	238.5	6.12	283.5	7.29	330.9	8.58	353.4	9.18	375.9	9.78	420.9	11.22	468.0	12.54
	-5	238.5	6.5	283.5	7.68	330.9	9.06	353.4	9.69	375.9	10.32	420.9	11.82	468.0	13.23
	0	238.5	6.7	283.5	8.01	330.9	9.42	353.4	10.08	375.9	10.74	420.9	12.30	468.0	13.77
	5	238.5	7.0	283.5	8.28	330.9	9.75	353.4	10.44	375.9	11.13	420.9	12.75	468.0	14.28
	10	238.5	7.2	283.5	8.52	330.9	10.05	353.4	10.74	375.9	11.46	420.9	13.11	468.0	14.67
	14	238.5	7.4	283.5	8.85	330.9	10.41	353.4	11.13	375.9	11.85	420.9	13.59	468.0	15.21
	20	238.5	7.68	283.5	9.12	330.9	10.74	353.4	11.49	375.9	12.27	420.9	14.01	468.0	15.72
	25	238.5	7.92	283.5	9.39	330.9	11.01	353.4	11.82	375.9	12.63	420.9	14.37	468.0	16.14
	30	238.5	8.13	283.5	9.63	330.9	11.28	353.4	12.12	375.9	12.96	420.9	14.73	468.0	16.56
	35	238.5	8.34	283.5	9.90	330.9	11.58	353.4	12.42	375.9	13.32	420.9	15.12	468.0	17.04
	40	238.5	8.55	283.5	10.14	330.9	11.88	353.4	12.75	375.9	13.65	420.9	15.54	468.0	17.46
	45	238.5	8.67	283.5	10.29	330.9	12.06	353.4	12.99	375.9	13.86	420.9	15.78	468.0	17.73
	50	238.5	8.85	283.5	10.47	330.9	12.27	353.4	13.17	375.9	14.10	420.9	16.05	468.0	18.03
	55	238.5	9.00	283.5	10.68	330.9	12.45	353.4	13.38	375.9	14.34	420.9	16.35	468.0	18.39
	60	238.5	9.24	283.5	11.04	330.9	12.93	353.4	13.89	375.9	14.88	420.9	16.95	468.0	19.11
	65	238.5	9.39	283.5	11.25	330.9	13.14	353.4	14.16	375.9	15.18	420.9	17.28	468.0	19.41
	70	238.5	9.66	283.5	11.55	330.9	13.53	353.4	14.55	375.9	15.63	420.9	17.88	468.0	20.64
	75	238.5	9.81	283.5	11.76	330.9	13.80	353.4	15.06	375.9	16.35	420.9	19.11	468.0	21.84
	80	238.5	10.56	283.5	12.99	330.9	15.69	353.4	17.10	375.9	18.54	420.9	21.12	468.0	24.24
	85	238.5	11.25	283.5	13.80	330.9	16.71	353.4	18.24	375.9	19.98	420.9	22.50	468.0	25.26
	90	238.5	12.63	283.5	15.57	330.9	18.90	353.4	20.64	375.9	22.59	420.9	25.08	468.0	27.42
	95	238.5	13.32	283.5	16.56	330.9	20.13	**353.4**	**22.02**	375.9	23.97	420.9	26.40	468.0	28.26
	100	238.5	14.40	283.5	17.88	330.9	21.72	353.4	23.76	375.9	24.66	420.9	27.63	468.0	29.04
	105	238.5	16.32	283.5	20.37	330.9	23.94	353.4	25.35	375.9	26.82	420.9	29.10	468.0	30.75
	110	238.5	18.39	283.5	23.10	330.9	25.35	353.4	26.88	375.9	29.07	420.9	30.30	454.5	33.06
	115	238.5	19.77	283.5	24.63	330.9	26.22	353.4	28.41	375.9	29.91	420.9	31.23	428.4	35.19
	118	238.5	21.00	283.5	26.16	330.9	27.84	353.4	30.09	342.0	29.91	352.8	26.49	349.8	29.85
	122	238.5	22.65	283.5	28.32	295.2	26.58	282.3	24.75	273.9	22.65	283.2	20.07	281.7	22.68
60%	-9.9	204.9	5.31	243.0	6.18	283.5	7.23	301.5	7.74	321.9	8.34	362.4	9.45	400.5	10.56
	-5	204.9	5.6	243.0	6.51	283.5	7.65	301.5	8.16	321.9	8.79	362.4	9.96	400.5	11.13
	0	204.9	5.9	243.0	6.78	283.5	7.95	301.5	8.49	321.9	9.15	362.4	10.35	400.5	11.58
	5	204.9	6.1	243.0	7.02	283.5	8.25	301.5	8.79	321.9	9.48	362.4	10.74	400.5	12.00
	10	204.9	6.2	243.0	7.23	283.5	8.49	301.5	9.06	321.9	9.75	362.4	11.04	400.5	12.33
	14	204.9	6.5	243.0	7.50	283.5	8.79	301.5	9.39	321.9	10.11	362.4	11.43	400.5	12.78
	20	204.9	6.63	243.0	7.77	283.5	9.06	301.5	9.72	321.9	10.44	362.4	11.82	400.5	13.23
	25	204.9	6.81	243.0	7.98	283.5	9.30	301.5	9.99	321.9	10.71	362.4	12.15	400.5	13.62
	30	204.9	6.96	243.0	8.22	283.5	9.54	301.5	10.26	321.9	10.98	362.4	12.45	400.5	13.98
	35	204.9	7.14	243.0	8.43	283.5	9.78	301.5	10.53	321.9	11.25	362.4	12.75	400.5	14.34
	40	204.9	7.32	243.0	8.64	283.5	10.05	301.5	10.80	321.9	11.55	362.4	13.11	400.5	14.70
	45	204.9	7.38	243.0	8.73	283.5	10.11	301.5	10.89	321.9	11.67	362.4	13.20	400.5	14.82
	50	204.9	7.47	243.0	8.79	283.5	10.23	301.5	10.98	321.9	11.76	362.4	13.32	400.5	14.97
	55	204.9	7.56	243.0	8.94	283.5	10.41	301.5	11.19	321.9	11.94	362.4	13.59	400.5	15.21
	60	204.9	7.83	243.0	9.24	283.5	10.77	301.5	11.61	321.9	12.42	362.4	14.04	400.5	15.84
	65	204.9	7.92	243.0	9.39	283.5	10.98	301.5	11.79	321.9	12.63	362.4	14.34	400.5	16.14
	70	204.9	8.13	243.0	9.66	283.5	11.28	301.5	12.12	321.9	12.99	362.4	14.76	400.5	16.77
	75	204.9	8.28	243.0	9.81	283.5	11.49	301.5	12.36	321.9	13.38	362.4	15.63	400.5	17.85
	80	204.9	8.79	243.0	10.74	283.5	12.87	301.5	14.04	321.9	15.21	362.4	17.52	400.5	20.16
	85	204.9	9.36	243.0	11.40	283.5	13.68	301.5	14.97	321.9	16.29	362.4	18.45	400.5	20.82
	90	204.9	10.47	243.0	12.87	283.5	15.48	301.5	16.92	321.9	18.30	362.4	20.61	400.5	22.71
	95	204.9	11.10	243.0	13.65	283.5	16.44	**301.5**	**18.03**	321.9	19.38	362.4	21.54	400.5	23.91
	100	204.9	11.91	243.0	14.67	283.5	17.73	301.5	19.41	321.9	20.25	362.4	22.86	400.5	24.93
	105	204.9	13.53	243.0	16.71	283.5	19.56	301.5	20.70	321.9	22.02	362.4	24.27	400.5	27.18
	110	204.9	15.21	243.0	18.96	283.5	21.12	301.5	21.96	321.9	23.79	362.4	25.95	400.5	29.64
	115	204.9	16.29	243.0	20.22	283.5	21.93	301.5	23.25	321.9	24.66	362.4	27.45	400.5	31.68
	118	204.9	17.25	243.0	21.45	283.5	23.28	301.5	24.69	321.9	26.22	352.8	26.49	349.8	29.85
	122	204.9	18.60	243.0	23.19	283.5	25.23	281.7	25.05	272.7	23.19	283.2	20.07	281.7	22.68

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Cooling Capacity ARUN504BTE4, ARUN504DTE4 / ARUB504BTE4, ARUB504DTE4

504,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
50%	-9.9	170.1	4.56	202.5	5.37	236.4	6.03	252.0	6.48	267.9	6.99	301.5	7.74	333.0	8.58
	-5	170.1	4.8	202.5	5.67	236.4	6.36	252.0	6.84	267.9	7.35	301.5	8.16	333.0	9.06
	0	170.1	5.0	202.5	5.91	236.4	6.60	252.0	7.11	267.9	7.65	301.5	8.49	333.0	9.42
	5	170.1	5.2	202.5	6.12	236.4	6.84	252.0	7.38	267.9	7.95	301.5	8.82	333.0	9.78
	10	170.1	5.3	202.5	6.30	236.4	7.05	252.0	7.59	267.9	8.16	301.5	9.06	333.0	10.05
	14	170.1	5.6	202.5	6.51	236.4	7.29	252.0	7.86	267.9	8.46	301.5	9.39	333.0	10.41
	20	170.1	5.76	202.5	6.72	236.4	7.59	252.0	8.16	267.9	8.73	301.5	9.75	333.0	10.80
	25	170.1	5.91	202.5	6.90	236.4	7.86	252.0	8.40	267.9	8.97	301.5	10.02	333.0	11.13
	30	170.1	6.09	202.5	7.08	236.4	8.10	252.0	8.61	267.9	9.21	301.5	10.32	333.0	11.46
	35	170.1	6.24	202.5	7.26	236.4	8.31	252.0	8.85	267.9	9.45	301.5	10.59	333.0	11.76
	40	170.1	6.42	202.5	7.44	236.4	8.52	252.0	9.06	267.9	9.69	301.5	10.86	333.0	12.09
	45	170.1	6.51	202.5	7.53	236.4	8.64	252.0	9.21	267.9	9.81	301.5	11.01	333.0	12.24
	50	170.1	6.60	202.5	7.65	236.4	8.76	252.0	9.33	267.9	9.96	301.5	11.16	333.0	12.42
	55	170.1	6.75	202.5	7.80	236.4	8.91	252.0	9.48	267.9	10.11	301.5	11.37	333.0	12.63
	60	170.1	6.87	202.5	8.01	236.4	9.21	252.0	9.84	267.9	10.47	301.5	11.73	333.0	13.14
	65	170.1	6.96	202.5	8.13	236.4	9.33	252.0	9.96	267.9	10.59	301.5	11.94	333.0	13.35
	70	170.1	7.17	202.5	8.28	236.4	9.54	252.0	10.26	267.9	10.89	301.5	12.27	333.0	13.77
	75	170.1	7.23	202.5	8.43	236.4	9.75	252.0	10.38	267.9	11.10	301.5	12.48	333.0	14.04
	80	170.1	7.44	202.5	8.91	236.4	10.47	252.0	11.31	267.9	12.15	301.5	13.98	333.0	15.93
	85	170.1	7.92	202.5	9.42	236.4	11.10	252.0	12.00	267.9	12.93	301.5	14.88	333.0	16.98
	90	170.1	8.85	202.5	10.53	236.4	12.48	252.0	13.47	267.9	14.52	301.5	16.77	333.0	19.23
	95	170.1	9.33	202.5	11.16	236.4	13.20	**252.0**	**14.31**	267.9	15.45	301.5	17.82	333.0	20.43
	100	170.1	9.84	202.5	11.79	236.4	13.98	252.0	15.15	267.9	16.35	301.5	18.96	333.0	21.69
	105	170.1	10.74	202.5	13.02	236.4	15.45	252.0	16.74	267.9	18.09	301.5	21.00	333.0	24.12
	110	170.1	11.85	202.5	14.40	236.4	17.13	252.0	18.60	267.9	20.13	301.5	23.43	333.0	26.94
	115	170.1	12.69	202.5	15.45	236.4	18.39	252.0	20.01	267.9	21.69	301.5	25.26	333.0	29.07
	118	170.1	13.71	202.5	16.74	236.4	19.98	252.0	21.75	267.9	23.61	301.5	26.49	333.0	29.85
	122	170.1	15.15	202.5	18.51	236.4	22.11	252.0	24.15	267.9	23.19	283.2	20.07	281.7	22.68

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact synchronous operating range (heat recovery systems only).

The System Combination Ratio must be between 50–130%.

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

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PERFORMANCE DATA

ARUN072BTE4, ARUN072DTE4 / ARUB072BTE4, ARUB072DTE4 Heating Capacity

72,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
130	-12.6	-13.0	56.0	3.21	56.0	3.52	56.0	3.98	55.8	4.37	55.6	4.76	55.6	5.15	55.6	5.35	55.6	5.60
	-7.0	-7.6	61.0	3.68	61.0	3.98	61.0	4.45	60.8	4.83	60.6	5.22	60.6	5.62	60.6	5.81	60.6	6.07
	-4.0	-4.4	64.0	3.95	64.0	4.26	64.0	4.72	63.8	5.11	63.6	5.50	63.6	5.89	63.6	6.09	63.6	6.34
	0.0	-0.4	67.7	4.30	67.7	4.60	67.7	5.07	67.5	5.45	67.2	5.84	67.2	6.24	67.2	6.43	67.2	6.69
	5.0	4.5	72.3	4.72	72.3	5.03	72.3	5.50	72.1	5.88	71.8	6.27	71.8	6.67	71.8	6.86	71.8	7.12
	10.0	9.0	76.9	5.15	76.9	5.46	76.9	5.92	76.7	6.31	76.4	6.70	76.4	7.09	76.4	7.29	76.4	7.54
	15.0	14.0	81.5	5.57	81.5	5.88	81.5	6.34	81.2	6.73	80.9	7.12	80.9	7.51	80.9	7.71	80.9	7.96
	20.0	19.0	86.2	6.01	86.2	6.32	86.2	6.78	85.9	7.17	85.6	7.55	85.6	7.69	85.6	7.53	85.6	7.31
	25.0	23.0	90.8	6.44	90.8	6.75	90.8	7.21	90.5	7.43	90.2	7.66	90.2	7.33	90.2	7.17	90.2	6.95
	30.0	28.0	95.4	6.87	95.4	7.18	95.4	7.64	95.1	7.46	94.8	7.27	94.3	6.96	93.1	6.81	91.6	6.60
	35.0	32.0	100.1	7.67	100.1	7.60	100.1	7.51	99.7	7.20	99.4	6.89	97.4	6.60	93.4	6.45	88.0	6.24
	40.0	36.0	104.7	7.71	104.7	7.43	104.7	7.00	104.3	6.75	104.0	6.51	98.7	6.24	92.9	6.09	85.1	5.88
	45.0	41.0	108.2	6.86	108.2	6.71	108.2	6.50	106.6	6.31	105.1	6.12	98.7	5.87	92.9	5.72	85.1	5.53
	47.0	43.0	108.2	6.67	108.2	6.53	108.2	6.32	106.6	6.14	**105.1**	**5.96**	98.7	5.72	92.9	5.57	85.1	5.38
	50.0	46.0	108.2	6.43	108.2	6.29	108.2	6.09	106.6	5.92	105.1	5.74	98.7	5.50	92.9	5.37	85.1	5.18
	55.0	51.0	108.2	6.03	108.2	5.91	108.2	5.72	106.6	5.55	105.1	5.39	98.7	5.17	92.9	5.04	85.1	4.86
	60.0	56.0	108.2	5.61	108.2	5.49	108.2	5.32	106.6	5.16	105.1	5.01	98.7	4.80	92.9	4.68	85.1	4.52
120	-12.6	-13.0	55.6	3.68	55.6	3.98	55.6	4.45	55.4	4.60	55.2	4.76	55.2	5.36	55.2	5.48	55.2	5.66
	-7.0	-7.6	60.5	4.14	60.5	4.45	60.5	4.91	60.4	5.06	60.2	5.22	60.2	5.82	60.2	5.95	60.2	6.12
	-4.0	-4.4	63.5	4.42	63.5	4.72	63.5	5.19	63.3	5.34	63.1	5.50	63.1	6.10	63.1	6.22	63.1	6.40
	0.0	-0.4	67.2	4.76	67.2	5.07	67.2	5.53	67.0	5.68	66.8	5.84	66.8	6.44	66.8	6.57	66.8	6.74
	5.0	4.5	71.8	5.19	71.8	5.50	71.8	5.96	71.6	6.11	71.3	6.27	71.3	6.87	71.3	7.00	71.3	7.17
	10.0	9.0	76.4	5.62	76.4	5.92	76.4	6.39	76.1	6.54	75.9	6.70	75.9	7.30	75.9	7.42	75.9	7.60
	15.0	14.0	80.9	6.04	80.9	6.34	80.9	6.81	80.6	6.96	80.4	7.12	80.4	7.72	80.4	7.84	80.4	8.02
	20.0	19.0	85.6	6.47	85.6	6.78	85.6	7.24	85.3	7.51	85.0	7.77	85.0	7.54	85.0	7.44	85.0	7.30
	25.0	23.0	90.2	6.90	90.2	7.21	90.2	7.67	89.9	7.54	89.6	7.40	89.1	7.20	88.0	7.10	86.6	6.97
	30.0	28.0	94.7	7.73	94.7	7.64	94.7	7.50	94.5	7.27	94.2	7.03	91.9	6.85	87.6	6.76	81.9	6.63
	35.0	32.0	99.3	7.74	99.3	7.47	99.3	7.05	98.4	6.86	97.4	6.66	92.9	6.51	87.2	6.42	79.7	6.30
	40.0	36.0	103.9	7.08	103.9	6.89	103.9	6.60	101.3	6.45	98.6	6.29	92.9	6.17	87.2	6.08	79.7	5.96
	45.0	41.0	108.0	6.44	107.3	6.33	106.2	6.16	102.4	6.04	98.6	5.92	92.9	5.82	87.2	5.74	79.7	5.62
	47.0	43.0	108.0	6.27	107.3	6.16	106.2	5.99	102.4	5.88	**98.6**	**5.76**	92.9	5.67	87.2	5.59	79.7	5.47
	50.0	46.0	108.0	6.04	107.3	5.93	106.2	5.77	102.4	5.66	98.6	5.55	92.9	5.46	87.2	5.38	79.7	5.27
	55.0	51.0	108.0	5.67	107.3	5.57	106.2	5.42	102.4	5.31	98.6	5.21	92.9	5.13	87.2	5.05	79.7	4.95
	60.0	56.0	108.0	5.27	107.3	5.18	106.2	5.04	102.4	4.94	98.6	4.85	92.9	4.77	87.2	4.70	79.7	4.60
110	-12.6	-13.0	55.3	4.24	55.3	4.45	55.3	4.76	55.1	5.03	54.9	5.30	54.9	5.59	54.9	5.88	54.9	6.28
	-7.0	-7.6	60.2	4.70	60.2	4.91	60.2	5.22	60.0	5.49	59.8	5.76	59.8	6.05	59.8	6.35	59.8	6.74
	-4.0	-4.4	63.2	4.98	63.2	5.19	63.2	5.50	63.0	5.77	62.8	6.04	62.8	6.33	62.8	6.62	62.8	7.02
	0.0	-0.4	66.8	5.32	66.8	5.53	66.8	5.84	66.6	6.11	66.4	6.38	66.4	6.67	66.4	6.97	66.4	7.36
	5.0	4.5	71.4	5.75	71.4	5.96	71.4	6.27	71.2	6.54	70.9	6.81	70.9	7.10	70.9	7.40	70.9	7.79
	10.0	9.0	76.0	6.18	76.0	6.39	76.0	6.70	75.7	6.97	75.5	7.24	75.5	7.53	75.5	7.82	75.5	8.22
	15.0	14.0	80.4	6.60	80.4	6.81	80.4	7.12	80.2	7.39	79.9	7.66	79.9	7.70	79.8	7.45	79.7	7.13
	20.0	19.0	85.1	7.04	85.1	7.24	85.1	7.55	84.8	7.55	84.6	7.56	82.6	7.32	78.9	7.10	74.0	6.79
	25.0	23.0	89.7	7.71	89.7	7.67	89.7	7.62	88.8	7.40	88.0	7.17	83.3	6.96	78.6	6.75	72.3	6.47
	30.0	28.0	94.2	7.64	94.2	7.45	94.2	7.16	91.4	6.97	88.5	6.78	83.3	6.59	78.6	6.40	72.3	6.14
	35.0	32.0	100.1	7.06	98.8	6.91	96.9	6.69	92.7	6.54	88.5	6.40	83.3	6.22	78.6	6.05	72.3	5.81
	40.0	36.0	105.9	6.48	102.5	6.37	97.5	6.22	93.0	6.12	88.5	6.01	83.3	5.86	78.6	5.70	72.3	5.48
	45.0	41.0	106.9	5.91	103.1	5.85	97.5	5.76	93.0	5.70	88.5	5.63	83.3	5.49	78.6	5.35	72.3	5.16
	47.0	43.0	106.9	5.75	103.1	5.69	97.5	5.61	93.0	5.54	**88.5**	**5.48**	83.3	5.34	78.6	5.20	72.3	5.02
	50.0	46.0	106.9	5.54	103.1	5.48	97.5	5.40	93.0	5.34	88.5	5.28	83.3	5.15	78.6	5.01	72.3	4.83
	55.0	51.0	106.9	5.20	103.1	5.15	97.5	5.07	93.0	5.01	88.5	4.95	83.3	4.83	78.6	4.70	72.3	4.54
	60.0	56.0	106.9	4.84	103.1	4.79	97.5	4.72	93.0	4.66	88.5	4.61	83.3	4.49	78.6	4.37	72.3	4.22

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.
Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.
Nominal heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Heating Capacity ARUN072BTE4, ARUN072DTE4 / ARUB072BTE4, ARUB072DTE4

72,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
100	-12.6	-13.0	55.1	3.01	55.1	3.83	55.1	5.06	54.9	5.28	54.7	5.50	54.7	5.92	54.7	6.16	54.7	6.49
	-7.0	-7.6	60.0	3.47	60.0	4.30	60.0	5.53	59.8	5.74	59.6	5.96	59.6	6.38	59.6	6.63	59.6	6.95
	-4.0	-4.4	62.9	3.75	62.9	4.57	62.9	5.80	62.7	6.02	62.5	6.24	62.5	6.66	62.5	6.90	62.5	7.23
	0.0	-0.4	66.5	4.09	66.3	4.92	66.1	6.15	66.0	6.36	65.9	6.58	65.9	7.00	65.9	7.25	65.9	7.57
	5.0	4.5	70.9	4.52	70.9	5.34	70.9	6.58	70.7	6.79	70.5	7.01	70.5	7.43	70.5	7.67	70.5	8.00
	10.0	9.0	75.8	4.95	75.6	5.77	75.3	7.00	75.2	7.22	75.2	7.44	74.3	7.69	72.4	7.56	69.9	7.39
	15.0	14.0	80.0	5.37	80.0	6.19	80.0	7.42	79.8	7.46	79.6	7.49	76.2	7.36	71.8	7.13	65.8	6.84
	20.0	19.0	86.5	5.90	86.1	6.63	85.7	7.72	83.3	7.41	81.0	7.09	76.2	6.93	71.8	6.72	65.8	6.44
	25.0	23.0	92.0	6.54	90.7	6.78	88.7	7.13	84.9	6.92	81.0	6.71	76.2	6.52	71.8	6.32	65.8	6.05
	30.0	28.0	96.4	6.36	93.4	6.50	89.0	6.72	85.0	6.52	81.0	6.32	76.2	6.10	71.8	5.91	65.8	5.66
	35.0	32.0	98.0	6.17	94.4	6.22	89.0	6.30	85.0	6.12	81.0	5.93	76.2	5.69	71.8	5.51	65.8	5.27
	40.0	**36.0**	98.0	5.98	94.4	5.95	89.0	5.89	85.0	5.72	81.0	5.54	76.2	5.27	71.8	5.10	65.8	4.88
	45.0	**41.0**	98.0	5.78	94.4	5.66	89.0	5.49	85.0	5.32	81.0	5.16	76.2	4.86	71.8	4.70	65.8	4.49
	47.0	**43.0**	98.0	5.63	94.4	5.51	89.0	5.34	85.0	5.18	**81.0**	**5.02**	76.2	4.73	71.8	4.58	65.8	4.37
	50.0	46.0	98.0	5.42	94.4	5.31	89.0	5.14	85.0	4.99	81.0	4.83	76.2	4.56	71.8	4.41	65.8	4.21
	55.0	51.0	98.0	5.09	94.4	4.98	89.0	4.83	85.0	4.68	81.0	4.54	76.2	4.28	71.8	4.14	65.8	3.95
	60.0	56.0	98.0	4.73	94.4	4.63	89.0	4.49	85.0	4.35	81.0	4.22	76.2	3.98	71.8	3.85	65.8	3.68
90	-12.6	-13.0	54.8	4.50	54.8	4.66	54.8	4.89	54.7	5.14	54.5	5.40	54.5	5.87	54.5	6.26	54.5	6.77
	-7.0	-7.6	59.7	4.97	59.7	5.12	59.7	5.35	59.5	5.61	59.3	5.86	59.3	6.33	59.3	6.72	59.3	7.23
	-4.0	-4.4	62.7	5.24	62.7	5.40	62.7	5.63	62.5	5.88	62.3	6.14	62.3	6.61	62.3	7.00	62.3	7.51
	0.0	-0.4	66.5	5.59	66.3	5.74	66.1	5.97	66.0	6.23	65.9	6.48	65.7	6.96	65.3	7.34	64.8	7.86
	5.0	4.5	70.9	6.02	70.9	6.17	70.9	6.40	70.6	6.66	70.4	6.91	68.7	7.20	66.0	7.18	62.3	7.16
	10.0	9.0	75.8	6.44	75.6	6.60	75.3	6.83	74.5	7.08	73.8	7.34	69.8	7.06	65.6	6.74	59.9	6.32
	15.0	14.0	80.0	6.86	80.0	7.02	80.0	7.25	77.1	7.16	74.2	7.08	69.8	6.69	65.6	6.39	59.9	5.99
	20.0	19.0	88.6	7.50	85.7	7.35	81.3	7.13	77.8	6.90	74.2	6.68	69.8	6.32	65.6	6.03	59.9	5.65
	25.0	23.0	89.8	7.06	86.4	6.92	81.3	6.70	77.8	6.49	74.2	6.28	69.8	5.95	65.6	5.67	59.9	5.31
	30.0	28.0	89.8	6.61	86.4	6.48	81.3	6.28	77.8	6.08	74.2	5.89	69.8	5.58	65.6	5.32	59.9	4.97
	35.0	32.0	89.8	6.17	86.4	6.04	81.3	5.86	77.8	5.68	74.2	5.50	69.8	5.21	65.6	4.96	59.9	4.63
	40.0	36.0	89.8	5.72	86.4	5.61	81.3	5.43	77.8	5.27	74.2	5.10	69.8	4.84	65.6	4.61	59.9	4.30
	45.0	41.0	89.8	5.28	86.4	5.18	81.3	5.02	77.8	4.87	74.2	4.72	69.8	4.47	65.6	4.26	59.9	3.97
	47.0	43.0	89.8	5.14	86.4	5.04	81.3	4.88	77.8	4.74	**74.2**	**4.59**	69.8	4.35	65.6	4.14	59.9	3.86
	50.0	46.0	89.8	4.95	86.4	4.85	81.3	4.70	77.8	4.56	74.2	4.42	69.8	4.19	65.6	3.99	59.9	3.72
	55.0	51.0	89.8	4.65	86.4	4.55	81.3	4.41	77.8	4.28	74.2	4.15	69.8	3.94	65.6	3.75	59.9	3.49
	60.0	56.0	89.8	4.32	86.4	4.24	81.3	4.10	77.8	3.98	74.2	3.86	69.8	3.66	65.6	3.48	59.9	3.25
80	-12.6	-13.0	54.6	3.92	54.6	4.05	54.6	4.25	54.4	4.55	54.3	4.85	54.3	5.50	54.3	5.88	54.3	6.40
	-7.0	-7.6	59.5	4.38	59.5	4.51	59.5	4.71	59.3	5.02	59.1	5.32	59.1	5.93	59.1	6.26	59.1	6.70
	-4.0	-4.4	62.4	4.66	62.4	4.79	62.4	4.99	62.2	5.29	62.0	5.59	61.0	6.19	59.0	6.49	56.2	6.88
	0.0	-0.4	66.1	5.00	66.1	5.13	66.1	5.34	65.7	5.64	65.2	5.94	62.3	6.42	58.6	6.46	53.7	6.52
	5.0	4.5	70.8	5.43	70.8	5.56	70.8	5.76	68.6	6.06	66.4	6.37	62.3	6.28	58.6	6.09	53.7	5.84
	10.0	9.0	77.7	5.86	75.8	5.99	72.9	6.19	69.7	6.29	66.4	6.38	62.3	5.97	58.6	5.78	53.7	5.54
	15.0	14.0	80.4	6.34	77.4	6.41	72.9	6.53	69.7	6.29	66.4	6.05	62.3	5.66	58.6	5.48	53.7	5.24
	20.0	19.0	80.4	6.43	77.4	6.31	72.9	6.14	69.7	5.92	66.4	5.69	62.3	5.34	58.6	5.17	53.7	4.94
	25.0	23.0	80.4	6.04	77.4	5.93	72.9	5.77	69.7	5.56	66.4	5.35	62.3	5.03	58.6	4.86	53.7	4.64
	30.0	28.0	80.4	5.65	77.4	5.55	72.9	5.40	69.7	5.20	66.4	5.01	62.3	4.72	58.6	4.55	53.7	4.34
	35.0	32.0	80.4	5.26	77.4	5.17	72.9	5.02	69.7	4.84	66.4	4.66	62.3	4.40	58.6	4.25	53.7	4.04
	40.0	36.0	80.4	4.87	77.4	4.78	72.9	4.65	69.7	4.48	66.4	4.32	62.3	4.09	58.6	3.94	53.7	3.74
	45.0	41.0	80.4	4.49	77.4	4.41	72.9	4.28	69.7	4.13	66.4	3.98	62.3	3.78	58.6	3.64	53.7	3.44
	47.0	43.0	80.4	4.37	77.4	4.29	72.9	4.17	69.7	4.02	**66.4**	**3.88**	62.3	3.68	58.6	3.54	53.7	3.35
	50.0	46.0	80.4	4.21	77.4	4.13	72.9	4.01	69.7	3.87	66.4	3.73	62.3	3.55	58.6	3.41	53.7	3.23
	55.0	51.0	80.4	3.95	77.4	3.88	72.9	3.77	69.7	3.63	66.4	3.50	62.3	3.33	58.6	3.20	53.7	3.03
	60.0	56.0	80.4	3.68	77.4	3.61	72.9	3.50	69.7	3.38	66.4	3.26	62.3	3.10	58.6	2.98	53.7	2.82

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.
Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.
Nominal heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

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PERFORMANCE DATA

ARUN072BTE4, ARUN072DTE4 / ARUB072BTE4, ARUB072DTE4 Heating Capacity

72,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
70	-12.6	-13.0	54.6	3.74	54.6	3.95	54.6	4.25	54.4	4.58	54.3	4.91	53.0	5.56	50.2	5.95	46.6	6.48
	-7.0	-7.6	58.7	4.20	58.7	4.41	58.7	4.72	57.5	5.08	56.3	5.44	53.2	5.97	50.2	6.20	46.1	6.51
	-4.0	-4.4	61.1	4.48	61.1	4.69	61.1	4.99	58.7	5.37	56.3	5.75	53.2	6.21	50.2	6.35	46.1	6.54
	0.0	-0.4	65.6	4.82	64.1	5.03	62.0	5.34	59.1	5.74	56.3	6.14	53.2	6.16	50.2	6.06	46.1	5.92
	5.0	4.5	68.0	5.25	65.6	5.46	62.0	5.77	59.1	5.94	56.3	6.12	53.2	5.83	50.2	5.72	46.1	5.58
	10.0	9.0	68.1	5.68	65.6	5.89	62.0	6.19	59.1	5.99	56.3	5.78	53.2	5.51	50.2	5.39	46.1	5.23
	15.0	14.0	68.1	6.40	65.6	6.22	62.0	5.95	59.1	5.70	56.3	5.44	53.2	5.18	50.2	5.06	46.1	4.90
	20.0	19.0	68.1	5.98	65.6	5.81	62.0	5.56	59.1	5.33	56.3	5.10	53.2	4.85	50.2	4.72	46.1	4.55
	25.0	23.0	68.1	5.57	65.6	5.41	62.0	5.18	59.1	4.97	56.3	4.76	53.2	4.52	50.2	4.38	46.1	4.20
	30.0	28.0	68.1	5.16	65.6	5.02	62.0	4.81	59.1	4.61	56.3	4.41	53.2	4.19	50.2	4.05	46.1	3.86
	35.0	32.0	68.1	4.75	65.6	4.62	62.0	4.43	59.1	4.25	56.3	4.07	53.2	3.87	50.2	3.72	46.1	3.51
	40.0	36.0	68.1	4.34	65.6	4.22	62.0	4.05	59.1	3.89	56.3	3.73	53.2	3.54	50.2	3.38	46.1	3.17
	45.0	41.0	68.1	3.94	65.6	3.84	62.0	3.68	59.1	3.54	56.3	3.40	53.2	3.22	50.2	3.06	46.1	2.84
	47.0	43.0	68.1	3.84	65.6	3.74	62.0	3.59	59.1	3.45	**56.3**	**3.31**	53.2	3.14	50.2	2.98	46.1	2.76
	50.0	46.0	68.1	3.70	65.6	3.60	62.0	3.45	59.1	3.32	56.3	3.19	53.2	3.02	50.2	2.87	46.1	2.66
	55.0	51.0	68.1	3.47	65.6	3.38	62.0	3.24	59.1	3.12	56.3	2.99	53.2	2.83	50.2	2.69	46.1	2.50
	60.0	56.0	68.1	3.23	65.6	3.14	62.0	3.01	59.1	2.90	56.3	2.78	53.2	2.64	50.2	2.50	46.1	2.32
60	-12.6	-13.0	50.3	3.80	50.3	3.99	50.3	4.29	49.3	4.67	48.3	5.06	45.5	5.72	43.0	6.13	39.6	6.66
	-7.0	-7.6	54.3	4.26	53.9	4.46	53.3	4.75	50.8	5.14	48.3	5.54	45.5	5.81	43.0	6.07	39.6	6.41
	-4.0	-4.4	57.9	4.54	56.1	4.73	53.3	5.03	50.8	5.42	48.3	5.81	45.5	5.90	43.0	5.75	39.6	5.55
	0.0	-0.4	58.3	4.88	56.3	5.08	53.3	5.37	50.8	5.62	48.3	5.88	45.5	5.67	43.0	5.48	39.6	5.22
	5.0	4.5	58.3	5.31	56.3	5.51	53.3	5.80	50.8	5.67	48.3	5.55	45.5	5.34	43.0	5.15	39.6	4.90
	10.0	9.0	58.3	6.02	56.3	5.93	53.3	5.80	50.8	5.51	48.3	5.22	45.5	5.01	43.0	4.83	39.6	4.58
	15.0	14.0	58.3	5.85	56.3	5.68	53.3	5.43	50.8	5.16	48.3	4.90	45.5	4.69	43.0	4.51	39.6	4.26
	20.0	19.0	58.3	5.46	56.3	5.30	53.3	5.05	50.8	4.81	48.3	4.56	45.5	4.36	43.0	4.18	39.6	3.94
	25.0	23.0	58.3	5.08	56.3	4.92	53.3	4.68	50.8	4.45	48.3	4.23	45.5	4.03	43.0	3.85	39.6	3.61
	30.0	28.0	58.3	4.69	56.3	4.53	53.3	4.30	50.8	4.10	48.3	3.90	45.5	3.70	43.0	3.53	39.6	3.29
	35.0	32.0	58.3	4.31	56.3	4.15	53.3	3.93	50.8	3.75	48.3	3.57	45.5	3.37	43.0	3.20	39.6	2.97
	40.0	36.0	58.3	3.92	56.3	3.77	53.3	3.55	50.8	3.40	48.3	3.24	45.5	3.04	43.0	2.88	39.6	2.65
	45.0	41.0	58.3	3.55	56.3	3.41	53.3	3.19	50.8	3.06	48.3	2.92	45.5	2.73	43.0	2.56	39.6	2.34
	47.0	43.0	58.3	3.45	56.3	3.31	53.3	3.10	50.8	2.97	**48.3**	**2.84**	45.5	2.65	43.0	2.50	39.6	2.28
	50.0	46.0	58.3	3.33	56.3	3.19	53.3	2.99	50.8	2.87	48.3	2.74	45.5	2.56	43.0	2.40	39.6	2.20
	55.0	51.0	58.3	3.12	56.3	3.00	53.3	2.81	50.8	2.69	48.3	2.57	45.5	2.40	43.0	2.26	39.6	2.06
	60.0	56.0	58.3	2.90	56.3	2.79	53.3	2.61	50.8	2.50	48.3	2.39	45.5	2.23	43.0	2.10	39.6	1.92
50	-12.6	-13.0	48.8	3.43	47.0	3.74	44.3	4.20	42.3	4.59	40.3	4.99	37.9	5.26	35.7	5.52	32.8	5.86
	-7.0	-7.6	48.8	3.89	47.0	4.20	44.3	4.66	42.3	4.90	40.3	5.14	37.9	5.33	35.7	5.07	32.8	4.72
	-4.0	-4.4	48.8	4.17	47.0	4.48	44.3	4.94	42.3	5.18	40.3	5.42	37.9	5.14	35.7	4.88	32.8	4.55
	0.0	-0.4	48.8	4.51	47.0	4.82	44.3	5.28	42.3	5.25	40.3	5.22	37.9	4.90	35.7	4.65	32.8	4.33
	5.0	4.5	48.8	5.25	47.0	5.25	44.3	5.25	42.3	5.07	40.3	4.90	37.9	4.60	35.7	4.37	32.8	4.06
	10.0	9.0	48.8	5.49	47.0	5.26	44.3	4.91	42.3	4.74	40.3	4.58	37.9	4.30	35.7	4.08	32.8	3.79
	15.0	14.0	48.8	5.12	47.0	4.90	44.3	4.58	42.3	4.42	40.3	4.27	37.9	4.01	35.7	3.80	32.8	3.53
	20.0	19.0	48.8	4.74	47.0	4.54	44.3	4.24	42.3	4.09	40.3	3.94	37.9	3.70	35.7	3.51	32.8	3.26
	25.0	23.0	48.8	4.36	47.0	4.18	44.3	3.90	42.3	3.76	40.3	3.62	37.9	3.40	35.7	3.23	32.8	2.99
	30.0	28.0	48.8	3.98	47.0	3.82	44.3	3.57	42.3	3.43	40.3	3.30	37.9	3.10	35.7	2.94	32.8	2.72
	35.0	32.0	48.8	3.60	47.0	3.45	44.3	3.23	42.3	3.11	40.3	2.98	37.9	2.81	35.7	2.65	32.8	2.45
	40.0	36.0	48.8	3.23	47.0	3.09	44.3	2.89	42.3	2.78	40.3	2.66	37.9	2.51	35.7	2.37	32.8	2.18
	45.0	41.0	48.8	2.86	47.0	2.75	44.3	2.57	42.3	2.46	40.3	2.35	37.9	2.22	35.7	2.09	32.8	1.92
	47.0	43.0	48.8	2.79	47.0	2.67	44.3	2.50	42.3	2.40	**40.3**	**2.29**	37.9	2.16	35.7	2.04	32.8	1.87
	50.0	46.0	48.8	2.68	47.0	2.58	44.3	2.41	42.3	2.31	40.3	2.21	37.9	2.08	35.7	1.96	32.8	1.80
	55.0	51.0	48.8	2.52	47.0	2.42	44.3	2.26	42.3	2.17	40.3	2.07	37.9	1.95	35.7	1.84	32.8	1.69
	60.0	56.0	48.8	2.34	47.0	2.25	44.3	2.10	42.3	2.02	40.3	1.93	37.9	1.82	35.7	1.71	32.8	1.57

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.
Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.
Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Heating Capacity ARUN096BTE4, ARUN096DTE4 / ARUB096BTE4, ARUB096DTE4

96,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
130	-12.6	-13.0	69.2	5.13	69.2	5.42	69.2	5.86	68.9	6.22	68.7	6.59	68.7	6.96	68.7	7.15	68.7	7.39
	-7.0	-7.6	76.7	5.57	76.7	5.86	76.7	6.30	76.5	6.66	76.3	7.02	76.3	7.40	76.3	7.58	76.3	7.83
	-4.0	-4.4	81.3	5.83	81.3	6.12	81.3	6.56	81.0	6.92	80.8	7.29	80.8	7.66	80.8	7.85	80.8	8.09
	0.0	-0.4	86.9	6.15	86.9	6.44	86.9	6.88	86.6	7.25	86.4	7.61	86.4	7.99	86.4	8.17	86.4	8.41
	5.0	4.5	93.9	6.56	93.9	6.85	93.9	7.29	93.6	7.65	93.3	8.02	93.3	8.39	93.3	8.58	93.3	8.82
	10.0	9.0	101.0	6.96	101.0	7.26	101.0	7.69	100.6	8.06	100.3	8.42	100.3	8.80	100.3	8.98	100.3	9.23
	15.0	14.0	107.8	7.36	107.8	7.65	107.8	8.09	107.5	8.45	107.2	8.82	107.2	9.20	107.2	9.38	107.2	9.62
	20.0	19.0	115.0	7.77	115.0	8.07	115.0	8.50	114.6	8.87	114.3	9.23	114.3	9.37	114.3	9.23	114.3	9.04
	25.0	23.0	122.0	8.18	122.0	8.47	122.0	8.91	121.6	9.13	121.3	9.36	121.3	9.07	121.3	8.91	121.3	8.70
	30.0	28.0	129.0	8.58	129.0	8.88	129.0	9.31	128.6	9.19	128.2	9.06	127.0	8.76	124.3	8.59	120.8	8.37
	35.0	32.0	136.1	9.28	136.1	9.28	136.1	9.29	135.6	9.03	135.2	8.76	130.5	8.45	124.3	8.27	116.0	8.04
	40.0	36.0	142.9	9.51	142.9	9.30	142.9	8.98	141.3	8.72	139.7	8.47	131.7	8.14	123.9	7.95	113.5	7.70
	45.0	41.0	144.2	9.14	144.2	8.95	144.2	8.66	142.2	8.42	140.2	8.17	131.7	7.83	123.9	7.63	113.5	7.37
	47.0	43.0	144.2	8.99	144.2	8.80	144.2	8.51	142.2	8.27	**140.2**	**8.03**	131.7	7.70	123.9	7.50	113.5	7.24
	50.0	46.0	144.2	8.79	144.2	8.60	144.2	8.33	142.2	8.09	140.2	7.85	131.7	7.53	123.9	7.34	113.5	7.08
	55.0	51.0	144.2	8.49	144.2	8.31	144.2	8.04	142.2	7.81	140.2	7.58	131.7	7.27	123.9	7.09	113.5	6.84
	60.0	56.0	144.2	8.16	144.2	7.99	144.2	7.73	142.2	7.51	140.2	7.29	131.7	6.99	123.9	6.82	113.5	6.58
120	-12.6	-13.0	68.7	5.57	68.7	5.86	68.7	6.30	68.5	6.44	68.2	6.59	68.2	7.15	68.2	7.28	68.2	7.44
	-7.0	-7.6	76.2	6.00	76.2	6.30	76.2	6.73	76.0	6.88	75.7	7.02	75.7	7.59	75.7	7.71	75.7	7.88
	-4.0	-4.4	80.7	6.27	80.7	6.56	80.7	7.00	80.5	7.14	80.2	7.29	80.2	7.85	80.2	7.98	80.2	8.14
	0.0	-0.4	86.3	6.59	86.3	6.88	86.3	7.32	86.0	7.47	85.8	7.61	85.8	8.18	85.8	8.30	85.8	8.46
	5.0	4.5	93.3	7.00	93.3	7.29	93.3	7.73	93.0	7.87	92.7	8.02	92.7	8.58	92.7	8.71	92.7	8.87
	10.0	9.0	100.2	7.40	100.2	7.69	100.2	8.13	99.9	8.28	99.6	8.42	99.6	8.99	99.6	9.11	99.6	9.27
	15.0	14.0	107.1	7.80	107.1	8.09	107.1	8.53	106.7	8.67	106.4	8.82	106.4	9.39	106.4	9.51	106.4	9.67
	20.0	19.0	114.2	8.21	114.2	8.50	114.2	8.94	113.8	9.19	113.5	9.44	113.5	9.24	113.5	9.15	113.5	9.03
	25.0	23.0	121.2	8.62	121.2	8.91	121.2	9.35	120.8	9.24	120.4	9.13	119.5	8.95	117.5	8.85	114.8	8.72
	30.0	28.0	128.1	9.36	128.1	9.31	128.1	9.24	127.7	9.03	127.3	8.82	122.8	8.65	116.7	8.55	108.5	8.41
	35.0	32.0	135.1	9.46	135.1	9.24	135.1	8.90	133.0	8.71	130.8	8.52	123.8	8.36	116.3	8.25	106.2	8.11
	40.0	36.0	142.5	9.03	141.8	8.84	140.7	8.56	136.1	8.38	131.4	8.21	123.8	8.07	116.3	7.95	106.2	7.80
	45.0	41.0	144.0	8.60	143.0	8.44	141.5	8.21	136.5	8.06	131.4	7.90	123.8	7.77	116.3	7.65	106.2	7.50
	47.0	43.0	144.0	8.45	143.0	8.30	141.5	8.07	136.5	7.92	**131.4**	**7.76**	123.8	7.64	116.3	7.52	106.2	7.37
	50.0	46.0	144.0	8.26	143.0	8.12	141.5	7.90	136.5	7.74	131.4	7.59	123.8	7.47	116.3	7.36	106.2	7.21
	55.0	51.0	144.0	7.98	143.0	7.84	141.5	7.63	136.5	7.48	131.4	7.33	123.8	7.21	116.3	7.11	106.2	6.96
	60.0	56.0	144.0	7.67	143.0	7.54	141.5	7.33	136.5	7.19	131.4	7.05	123.8	6.94	116.3	6.83	106.2	6.69
110	-12.6	-13.0	68.3	6.10	68.3	6.30	68.3	6.59	68.1	6.84	67.9	7.10	67.9	7.37	67.9	7.65	67.9	8.03
	-7.0	-7.6	75.8	6.54	75.8	6.73	75.8	7.02	75.5	7.28	75.3	7.54	75.3	7.81	75.3	8.09	75.3	8.46
	-4.0	-4.4	80.3	6.80	80.3	7.00	80.3	7.29	80.0	7.54	79.8	7.80	79.8	8.07	79.8	8.35	79.8	8.73
	0.0	-0.4	85.8	7.13	85.8	7.32	85.8	7.61	85.6	7.87	85.3	8.12	85.3	8.40	85.3	8.68	85.3	9.05
	5.0	4.5	92.8	7.53	92.8	7.73	92.8	8.02	92.5	8.27	92.2	8.53	92.2	8.80	92.2	9.08	92.2	9.46
	10.0	9.0	99.7	7.94	99.7	8.13	99.7	8.42	99.4	8.68	99.1	8.93	99.1	9.21	99.1	9.49	99.1	9.86
	15.0	14.0	106.5	8.33	106.5	8.53	106.5	8.82	106.2	9.08	105.8	9.33	105.8	9.37	105.8	9.14	105.8	8.83
	20.0	19.0	113.6	8.75	113.6	8.94	113.6	9.23	113.2	9.24	112.9	9.25	110.1	9.02	105.2	8.80	98.6	8.50
	25.0	23.0	120.5	9.37	120.5	9.35	120.5	9.31	119.0	9.11	117.6	8.90	111.1	8.68	104.8	8.46	96.4	8.17
	30.0	28.0	127.5	9.34	127.4	9.17	127.3	8.90	122.7	8.73	118.0	8.55	111.1	8.34	104.8	8.13	96.4	7.85
	35.0	32.0	137.1	8.85	134.3	8.71	130.0	8.50	124.0	8.35	118.0	8.20	111.1	8.00	104.8	7.80	96.4	7.52
	40.0	36.0	142.6	8.36	137.5	8.25	130.0	8.09	124.0	7.97	118.0	7.85	111.1	7.66	104.8	7.46	96.4	7.20
	45.0	41.0	142.6	7.88	137.5	7.80	130.0	7.69	124.0	7.60	118.0	7.51	111.1	7.32	104.8	7.13	96.4	6.88
	47.0	43.0	142.6	7.75	137.5	7.67	130.0	7.55	124.0	7.47	**118.0**	**7.38**	111.1	7.20	104.8	7.01	96.4	6.76
	50.0	46.0	142.6	7.58	137.5	7.50	130.0	7.39	124.0	7.30	118.0	7.22	111.1	7.04	104.8	6.85	96.4	6.61
	55.0	51.0	142.6	7.32	137.5	7.24	130.0	7.14	124.0	7.05	118.0	6.97	111.1	6.80	104.8	6.62	96.4	6.38
	60.0	56.0	142.6	7.04	137.5	6.97	130.0	6.86	124.0	6.78	118.0	6.70	111.1	6.54	104.8	6.37	96.4	6.14

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.
Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.
Nominal heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

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PERFORMANCE DATA

ARUN096BTE4, ARUN096DTE4 / ARUB096BTE4, ARUB096DTE4 Heating Capacity

96,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
100	-12.6	-13.0	68.0	5.88	68.0	6.28	68.0	6.88	67.8	7.08	67.6	7.29	67.6	7.69	67.6	7.92	67.6	8.23
	-7.0	-7.6	75.5	6.32	75.5	6.72	75.5	7.32	75.2	7.52	75.0	7.73	75.0	8.12	75.0	8.36	75.0	8.66
	-4.0	-4.4	80.0	6.58	80.0	6.98	80.0	7.58	79.7	7.78	79.5	7.99	79.5	8.39	79.5	8.62	79.5	8.93
	0.0	-0.4	85.4	6.91	85.2	7.30	84.9	7.90	84.8	8.11	84.7	8.31	84.7	8.71	84.7	8.94	84.7	9.25
	5.0	4.5	92.1	7.31	92.1	7.71	92.1	8.31	91.8	8.51	91.6	8.72	91.6	9.12	91.6	9.35	91.6	9.66
	10.0	9.0	99.5	7.72	99.2	8.12	98.8	8.71	98.7	8.92	98.7	9.12	97.9	9.35	96.4	9.22	94.3	9.04
	15.0	14.0	105.9	8.11	105.9	8.51	105.9	9.11	105.6	9.14	105.4	9.16	101.7	9.02	95.7	8.78	87.8	8.47
	20.0	19.0	115.3	8.61	114.8	8.93	114.2	9.40	111.1	9.08	108.0	8.77	101.7	8.58	95.7	8.35	87.8	8.04
	25.0	23.0	122.6	9.14	120.9	9.02	118.3	8.84	113.1	8.62	108.0	8.39	101.7	8.16	95.7	7.93	87.8	7.63
	30.0	28.0	128.5	8.78	124.6	8.65	118.7	8.46	113.4	8.24	108.0	8.01	101.7	7.74	95.7	7.52	87.8	7.22
	35.0	32.0	130.6	8.43	125.9	8.29	118.7	8.08	113.4	7.85	108.0	7.63	101.7	7.32	95.7	7.10	87.8	6.81
	40.0	**36.0**	130.6	8.07	125.9	7.92	118.7	7.69	113.4	7.47	108.0	7.25	101.7	6.89	95.7	6.68	87.8	6.39
	45.0	41.0	130.6	7.71	125.9	7.55	118.7	7.32	113.4	7.10	108.0	6.88	101.7	6.48	95.7	6.27	87.8	5.99
	47.0	43.0	130.6	7.58	125.9	7.42	118.7	7.19	113.4	6.98	**108.0**	**6.76**	101.7	6.37	95.7	6.17	87.8	5.89
	50.0	46.0	130.6	7.41	125.9	7.26	118.7	7.03	113.4	6.82	108.0	6.61	101.7	6.23	95.7	6.03	87.8	5.76
	55.0	51.0	130.6	7.16	125.9	7.01	118.7	6.79	113.4	6.59	108.0	6.39	101.7	6.02	95.7	5.82	87.8	5.56
	60.0	56.0	130.6	6.89	125.9	6.74	118.7	6.53	113.4	6.34	108.0	6.14	101.7	5.79	95.7	5.60	87.8	5.35
90	-12.6	-13.0	67.7	6.24	67.7	6.39	67.7	6.61	67.5	6.85	67.3	7.09	67.3	7.53	67.3	7.90	67.3	8.39
	-7.0	-7.6	75.2	6.68	75.2	6.82	75.2	7.04	74.9	7.28	74.7	7.53	74.7	7.97	74.7	8.34	74.7	8.82
	-4.0	-4.4	79.6	6.94	79.6	7.09	79.6	7.31	79.4	7.55	79.1	7.79	79.1	8.24	79.1	8.60	79.1	9.09
	0.0	-0.4	85.4	7.27	85.2	7.41	84.9	7.63	84.8	7.87	84.6	8.11	84.6	8.56	84.6	8.92	84.6	9.41
	5.0	4.5	92.1	7.67	92.1	7.82	92.1	8.04	91.8	8.28	91.4	8.52	90.2	8.78	87.5	8.75	83.9	8.70
	10.0	9.0	99.5	8.08	99.2	8.22	98.8	8.44	98.4	8.68	98.0	8.92	92.9	8.62	87.5	8.29	80.2	7.84
	15.0	14.0	105.9	8.47	105.9	8.62	105.9	8.84	102.4	8.75	98.9	8.66	93.1	8.25	87.4	7.92	79.9	7.48
	20.0	19.0	118.1	9.08	114.2	8.94	108.4	8.72	103.7	8.49	98.9	8.25	93.1	7.86	87.4	7.54	79.9	7.11
	25.0	23.0	119.8	8.67	115.2	8.53	108.4	8.31	103.7	8.08	98.9	7.86	93.1	7.48	87.4	7.16	79.9	6.74
	30.0	28.0	119.8	8.26	115.2	8.12	108.4	7.90	103.7	7.68	98.9	7.46	93.1	7.10	87.4	6.79	79.9	6.38
	35.0	32.0	119.8	7.85	115.2	7.71	108.4	7.50	103.7	7.28	98.9	7.07	93.1	6.72	87.4	6.42	79.9	6.01
	40.0	36.0	119.8	7.45	115.2	7.30	108.4	7.09	103.7	6.88	98.9	6.67	93.1	6.34	87.4	6.04	79.9	5.65
	45.0	41.0	119.8	7.05	115.2	6.90	108.4	6.69	103.7	6.49	98.9	6.29	93.1	5.97	87.4	5.68	79.9	5.29
	47.0	43.0	119.8	6.92	115.2	6.78	108.4	6.58	103.7	6.38	**98.9**	**6.18**	93.1	5.86	87.4	5.58	79.9	5.20
	50.0	46.0	119.8	6.77	115.2	6.64	108.4	6.43	103.7	6.24	98.9	6.05	93.1	5.74	87.4	5.46	79.9	5.09
	55.0	51.0	119.8	6.54	115.2	6.41	108.4	6.21	103.7	6.03	98.9	5.84	93.1	5.54	87.4	5.27	79.9	4.91
	60.0	56.0	119.8	6.29	115.2	6.16	108.4	5.97	103.7	5.79	98.9	5.61	93.1	5.33	87.4	5.07	79.9	4.72
80	-12.6	-13.0	67.5	5.46	67.5	5.59	67.5	5.78	67.2	6.06	67.0	6.35	67.0	6.95	67.0	7.32	67.0	7.81
	-7.0	-7.6	74.9	5.90	74.9	6.03	74.9	6.22	74.6	6.50	74.4	6.78	74.4	7.37	74.4	7.68	74.4	8.09
	-4.0	-4.4	79.3	6.16	79.3	6.29	79.3	6.48	79.0	6.76	78.8	7.05	78.8	7.61	78.8	7.89	78.8	8.26
	0.0	-0.4	85.0	6.49	85.0	6.61	85.0	6.80	84.7	7.09	84.4	7.37	81.9	7.82	78.5	7.85	74.0	7.89
	5.0	4.5	92.3	6.89	92.3	7.02	92.3	7.21	90.1	7.49	88.0	7.78	83.1	7.67	78.1	7.46	71.5	7.19
	10.0	9.0	101.4	7.30	99.6	7.42	96.9	7.61	92.7	7.70	88.6	7.78	83.1	7.34	78.1	7.14	71.5	6.86
	15.0	14.0	107.1	7.75	103.2	7.82	97.3	7.93	92.9	7.68	88.6	7.43	83.1	7.02	78.1	6.81	71.5	6.54
	20.0	19.0	107.1	7.84	103.2	7.72	97.3	7.55	92.9	7.31	88.6	7.07	83.1	6.68	78.1	6.48	71.5	6.21
	25.0	23.0	107.1	7.47	103.2	7.35	97.3	7.18	92.9	6.95	88.6	6.72	83.1	6.35	78.1	6.15	71.5	5.89
	30.0	28.0	107.1	7.10	103.2	6.98	97.3	6.81	92.9	6.59	88.6	6.36	83.1	6.02	78.1	5.83	71.5	5.56
	35.0	32.0	107.1	6.73	103.2	6.61	97.3	6.44	92.9	6.22	88.6	6.01	83.1	5.69	78.1	5.50	71.5	5.24
	40.0	36.0	107.1	6.36	103.2	6.24	97.3	6.07	92.9	5.86	88.6	5.65	83.1	5.37	78.1	5.17	71.5	4.91
	45.0	41.0	107.1	5.99	103.2	5.88	97.3	5.71	92.9	5.51	88.6	5.31	83.1	5.05	78.1	4.85	71.5	4.59
	47.0	43.0	107.1	5.89	103.2	5.78	97.3	5.61	92.9	5.41	**88.6**	**5.22**	83.1	4.96	78.1	4.77	71.5	4.52
	50.0	46.0	107.1	5.76	103.2	5.65	97.3	5.49	92.9	5.30	88.6	5.10	83.1	4.85	78.1	4.66	71.5	4.42
	55.0	51.0	107.1	5.56	103.2	5.46	97.3	5.30	92.9	5.12	88.6	4.93	83.1	4.68	78.1	4.50	71.5	4.27
	60.0	56.0	107.1	5.35	103.2	5.25	97.3	5.10	92.9	4.92	88.6	4.74	83.1	4.50	78.1	4.33	71.5	4.10

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.
Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.
Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Heating Capacity ARUN096BTE4, ARUN096DTE4 / ARUB096BTE4, ARUB096DTE4

96,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
70	-12.6	-13.0	67.5	5.21	67.5	5.41	67.5	5.70	67.2	6.02	67.0	6.34	67.0	6.94	67.0	7.31	67.0	7.79
	-7.0	-7.6	74.9	5.65	74.9	5.84	74.9	6.14	74.6	6.48	74.4	6.83	71.0	7.33	66.9	7.55	61.5	7.85
	-4.0	-4.4	79.3	5.91	79.3	6.11	79.3	6.40	77.2	6.77	75.0	7.13	71.0	7.56	66.9	7.70	61.5	7.88
	0.0	-0.4	86.3	6.24	84.8	6.43	82.4	6.72	78.8	7.11	75.1	7.50	71.0	7.50	66.9	7.38	61.5	7.23
	5.0	4.5	90.7	6.64	87.5	6.84	82.6	7.13	78.8	7.29	75.1	7.45	71.0	7.14	66.9	7.01	61.5	6.85
	10.0	9.0	90.8	7.05	87.5	7.24	82.6	7.53	78.8	7.31	75.1	7.09	71.0	6.78	66.9	6.64	61.5	6.46
	15.0	14.0	90.8	7.74	87.5	7.55	82.6	7.27	78.8	7.00	75.1	6.73	71.0	6.43	66.9	6.28	61.5	6.08
	20.0	19.0	90.8	7.32	87.5	7.14	82.6	6.87	78.8	6.61	75.1	6.35	71.0	6.07	66.9	5.91	61.5	5.69
	25.0	23.0	90.8	6.90	87.5	6.73	82.6	6.47	78.8	6.23	75.1	5.99	71.0	5.71	66.9	5.54	61.5	5.31
	30.0	28.0	90.8	6.49	87.5	6.32	82.6	6.08	78.8	5.85	75.1	5.62	71.0	5.35	66.9	5.17	61.5	4.92
	35.0	32.0	90.8	6.07	87.5	5.92	82.6	5.69	78.8	5.47	75.1	5.25	71.0	5.00	66.9	4.80	61.5	4.54
	40.0	36.0	90.8	5.66	87.5	5.51	82.6	5.29	78.8	5.09	75.1	4.89	71.0	4.64	66.9	4.43	61.5	4.15
	45.0	41.0	90.8	5.26	87.5	5.12	82.6	4.91	78.8	4.72	75.1	4.53	71.0	4.30	66.9	4.08	61.5	3.78
	47.0	43.0	90.8	5.17	87.5	5.03	82.6	4.83	78.8	4.64	**75.1**	**4.46**	71.0	4.22	66.9	4.01	61.5	3.72
	50.0	46.0	90.8	5.05	87.5	4.92	82.6	4.72	78.8	4.54	75.1	4.36	71.0	4.13	66.9	3.92	61.5	3.64
	55.0	51.0	90.8	4.88	87.5	4.75	82.6	4.56	78.8	4.39	75.1	4.21	71.0	3.99	66.9	3.78	61.5	3.51
	60.0	56.0	90.8	4.69	87.5	4.57	82.6	4.39	78.8	4.22	75.1	4.05	71.0	3.83	66.9	3.64	61.5	3.38
60	-12.6	-13.0	67.1	5.20	67.1	5.38	67.1	5.66	65.7	6.02	64.4	6.38	60.6	6.99	57.3	7.35	52.9	7.84
	-7.0	-7.6	72.4	5.64	71.9	5.82	71.1	6.10	67.7	6.47	64.4	6.84	60.6	7.10	57.3	7.34	52.9	7.67
	-4.0	-4.4	77.2	5.90	74.8	6.08	71.1	6.36	67.7	6.73	64.4	7.10	60.6	7.17	57.3	7.00	52.9	6.77
	0.0	-0.4	77.7	6.22	75.1	6.41	71.1	6.68	67.7	6.92	64.4	7.15	60.6	6.91	57.3	6.69	52.9	6.40
	5.0	4.5	77.7	6.63	75.1	6.81	71.1	7.09	67.7	6.94	64.4	6.78	60.6	6.55	57.3	6.33	52.9	6.03
	10.0	9.0	77.7	7.32	75.1	7.22	71.1	7.06	67.7	6.74	64.4	6.42	60.6	6.18	57.3	5.96	52.9	5.67
	15.0	14.0	77.7	7.13	75.1	6.95	71.1	6.67	67.7	6.37	64.4	6.07	60.6	5.82	57.3	5.60	52.9	5.31
	20.0	19.0	77.7	6.72	75.1	6.54	71.1	6.26	67.7	5.98	64.4	5.70	60.6	5.45	57.3	5.23	52.9	4.94
	25.0	23.0	77.7	6.32	75.1	6.13	71.1	5.85	67.7	5.59	64.4	5.33	60.6	5.08	57.3	4.86	52.9	4.57
	30.0	28.0	77.7	5.92	75.1	5.73	71.1	5.45	67.7	5.21	64.4	4.97	60.6	4.72	57.3	4.50	52.9	4.21
	35.0	32.0	77.7	5.52	75.1	5.33	71.1	5.04	67.7	4.83	64.4	4.61	60.6	4.35	57.3	4.13	52.9	3.84
	40.0	36.0	77.7	5.12	75.1	4.93	71.1	4.64	67.7	4.44	64.4	4.25	60.6	3.99	57.3	3.77	52.9	3.47
	45.0	41.0	77.7	4.73	75.1	4.54	71.1	4.25	67.7	4.08	64.4	3.90	60.6	3.64	57.3	3.42	52.9	3.13
	47.0	43.0	77.7	4.65	75.1	4.46	71.1	4.18	67.7	4.01	**64.4**	**3.83**	60.6	3.57	57.3	3.36	52.9	3.07
	50.0	46.0	77.7	4.55	75.1	4.37	71.1	4.09	67.7	3.92	64.4	3.75	60.6	3.50	57.3	3.29	52.9	3.01
	55.0	51.0	77.7	4.39	75.1	4.22	71.1	3.95	67.7	3.78	64.4	3.62	60.6	3.38	57.3	3.17	52.9	2.90
	60.0	56.0	77.7	4.23	75.1	4.05	71.1	3.80	67.7	3.64	64.4	3.48	60.6	3.25	57.3	3.05	52.9	2.79
50	-12.6	-13.0	65.0	4.70	62.6	4.99	59.1	5.43	56.4	5.80	53.8	6.18	50.6	6.44	47.6	6.68	43.7	7.00
	-7.0	-7.6	65.0	5.14	62.6	5.43	59.1	5.87	56.4	6.10	53.8	6.32	50.6	6.48	47.6	6.18	43.7	5.78
	-4.0	-4.4	65.0	5.40	62.6	5.69	59.1	6.13	56.4	6.36	53.8	6.58	50.6	6.26	47.6	5.97	43.7	5.58
	0.0	-0.4	65.0	5.73	62.6	6.02	59.1	6.46	56.4	6.40	53.8	6.35	50.6	5.99	47.6	5.71	43.7	5.34
	5.0	4.5	65.0	6.45	62.6	6.42	59.1	6.39	56.4	6.19	53.8	5.99	50.6	5.65	47.6	5.38	43.7	5.03
	10.0	9.0	65.0	6.66	62.6	6.40	59.1	6.01	56.4	5.82	53.8	5.63	50.6	5.31	47.6	5.06	43.7	4.72
	15.0	14.0	65.0	6.26	62.6	6.02	59.1	5.65	56.4	5.47	53.8	5.28	50.6	4.98	47.6	4.74	43.7	4.41
	20.0	19.0	65.0	5.85	62.6	5.62	59.1	5.27	56.4	5.09	53.8	4.92	50.6	4.63	47.6	4.40	43.7	4.10
	25.0	23.0	65.0	5.44	62.6	5.22	59.1	4.90	56.4	4.73	53.8	4.56	50.6	4.30	47.6	4.08	43.7	3.79
	30.0	28.0	65.0	5.03	62.6	4.83	59.1	4.53	56.4	4.36	53.8	4.20	50.6	3.96	47.6	3.75	43.7	3.48
	35.0	32.0	65.0	4.62	62.6	4.43	59.1	4.16	56.4	4.00	53.8	3.84	50.6	3.62	47.6	3.43	43.7	3.17
	40.0	36.0	65.0	4.21	62.6	4.04	59.1	3.78	56.4	3.63	53.8	3.48	50.6	3.28	47.6	3.10	43.7	2.86
	45.0	41.0	65.0	3.82	62.6	3.66	59.1	3.43	56.4	3.28	53.8	3.14	50.6	2.96	47.6	2.79	43.7	2.57
	47.0	43.0	65.0	3.75	62.6	3.60	59.1	3.37	56.4	3.23	**53.8**	**3.08**	50.6	2.91	47.6	2.74	43.7	2.52
	50.0	46.0	65.0	3.67	62.6	3.52	59.1	3.30	56.4	3.16	53.8	3.02	50.6	2.85	47.6	2.68	43.7	2.47
	55.0	51.0	65.0	3.55	62.6	3.40	59.1	3.18	56.4	3.05	53.8	2.91	50.6	2.75	47.6	2.59	43.7	2.38
	60.0	56.0	65.0	3.41	62.6	3.27	59.1	3.06	56.4	2.93	53.8	2.80	50.6	2.64	47.6	2.49	43.7	2.29

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.
Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.
Nominal heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

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PERFORMANCE DATA

ARUN121BTE4, ARUN121DTE4 / ARUB121BTE4, ARUB121DTE4 Heating Capacity

121,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
130	-12.6	-13.0	97.4	7.40	97.4	7.73	97.4	8.23	97.1	8.65	96.8	9.07	96.4	9.50	95.6	9.71	94.6	9.99
	-7.0	-7.6	105.0	7.90	105.0	8.23	105.0	8.73	104.7	9.15	104.4	9.57	104.0	10.00	103.1	10.21	102.0	10.49
	-4.0	-4.4	109.6	8.20	109.6	8.53	109.6	9.04	109.3	9.45	108.9	9.87	108.5	10.30	107.6	10.51	106.5	10.79
	0.0	-0.4	115.3	8.57	115.3	8.91	115.3	9.41	114.9	9.82	114.6	10.24	114.1	10.67	113.2	10.88	112.0	11.16
	5.0	4.5	122.3	9.04	122.3	9.37	122.3	9.87	122.0	10.29	121.6	10.70	121.1	11.14	120.1	11.34	118.8	11.62
	10.0	9.0	129.4	9.50	129.4	9.83	129.4	10.33	129.0	10.75	128.6	11.17	128.1	11.60	127.1	11.81	125.7	12.09
	15.0	14.0	136.3	9.95	136.3	10.29	136.3	10.79	135.9	11.21	135.5	11.62	135.0	12.05	133.9	12.26	132.4	12.54
	20.0	19.0	143.5	10.43	143.5	10.76	143.5	11.26	143.1	11.68	142.6	12.10	142.1	12.26	141.0	12.11	139.4	11.90
	25.0	23.0	150.6	10.89	150.6	11.22	150.6	11.72	150.1	11.99	149.7	12.26	149.1	11.94	147.9	11.76	146.3	11.52
	30.0	28.0	157.7	11.35	157.7	11.69	157.7	12.19	157.2	12.08	156.7	11.97	156.0	11.61	154.4	11.41	152.4	11.14
	35.0	32.0	164.8	12.10	164.8	12.15	164.8	12.24	164.2	11.96	163.7	11.68	161.3	11.29	156.0	11.06	149.1	10.76
	40.0	36.0	171.8	12.51	171.8	12.31	171.8	12.01	171.3	11.69	170.7	11.38	164.2	10.96	155.0	10.71	142.6	10.38
	45.0	41.0	178.5	12.41	178.5	12.15	178.5	11.76	176.9	11.42	175.2	11.09	164.6	10.63	154.8	10.36	141.9	10.00
	47.0	43.0	179.6	12.24	179.6	11.99	179.6	11.60	177.4	11.27	**175.2**	**10.94**	164.6	10.49	154.8	10.22	141.9	9.87
	50.0	46.0	180.3	12.04	180.3	11.79	180.3	11.41	177.7	11.08	175.2	10.76	164.6	10.32	154.8	10.05	141.9	9.71
	55.0	51.0	180.3	11.76	180.3	11.51	180.3	11.14	177.7	10.82	175.2	10.50	164.6	10.07	154.8	9.81	141.9	9.47
	60.0	56.0	180.3	11.44	180.3	11.20	180.3	10.84	177.7	10.52	175.2	10.21	164.6	9.80	154.8	9.55	141.9	9.22
120	-12.6	-13.0	96.7	7.90	96.7	8.23	96.7	8.73	96.4	8.90	96.1	9.07	95.7	9.72	95.0	9.86	93.9	10.04
	-7.0	-7.6	104.3	8.40	104.3	8.73	104.3	9.24	104.0	9.40	103.6	9.57	103.2	10.22	102.4	10.36	101.3	10.54
	-4.0	-4.4	108.8	8.70	108.8	9.04	108.8	9.54	108.5	9.70	108.2	9.87	107.8	10.52	106.9	10.66	105.7	10.84
	0.0	-0.4	114.5	9.07	114.5	9.41	114.5	9.91	114.1	10.07	113.7	10.24	113.3	10.89	112.4	11.03	111.2	11.21
	5.0	4.5	121.5	9.54	121.5	9.87	121.5	10.37	121.1	10.54	120.7	10.70	120.3	11.35	119.3	11.49	118.0	11.68
	10.0	9.0	128.5	10.00	128.5	10.33	128.5	10.83	128.1	11.00	127.7	11.17	127.2	11.82	126.2	11.96	124.8	12.14
	15.0	14.0	135.4	10.45	135.4	10.79	135.4	11.29	134.9	11.46	134.5	11.62	134.0	12.27	132.9	12.41	131.5	12.60
	20.0	19.0	142.5	10.93	142.5	11.26	142.5	11.76	142.1	12.05	141.6	12.34	141.1	12.12	140.0	12.02	138.4	11.88
	25.0	23.0	149.5	11.39	149.5	11.72	149.5	12.23	149.1	12.12	148.6	12.01	147.7	11.81	145.8	11.69	143.3	11.54
	30.0	28.0	156.6	12.22	156.6	12.19	156.6	12.15	156.1	11.92	155.6	11.69	152.6	11.49	146.1	11.37	137.6	11.20
	35.0	32.0	163.6	12.40	163.6	12.16	163.6	11.82	162.6	11.59	161.7	11.37	154.6	11.18	145.4	11.04	133.2	10.86
	40.0	36.0	170.6	12.03	170.6	11.81	170.6	11.49	167.4	11.27	164.3	11.05	154.8	10.86	145.3	10.72	132.8	10.52
	45.0	41.0	177.5	11.67	177.3	11.46	176.9	11.15	170.6	10.94	164.3	10.72	154.8	10.55	145.3	10.39	132.8	10.18
	47.0	43.0	179.1	11.51	178.2	11.31	176.9	11.00	170.6	10.79	**164.3**	**10.58**	154.8	10.40	145.3	10.25	132.8	10.04
	50.0	46.0	180.1	11.32	178.8	11.12	176.9	10.82	170.6	10.61	164.3	10.40	154.8	10.23	145.3	10.08	132.8	9.88
	55.0	51.0	180.1	11.05	178.8	10.85	176.9	10.56	170.6	10.36	164.3	10.15	154.8	9.99	145.3	9.84	132.8	9.64
	60.0	56.0	180.1	10.75	178.8	10.56	176.9	10.27	170.6	10.08	164.3	9.88	154.8	9.72	145.3	9.57	132.8	9.38
110	-12.6	-13.0	96.2	8.51	96.2	8.73	96.2	9.07	95.9	9.36	95.6	9.65	95.2	9.97	94.5	10.29	93.4	10.72
	-7.0	-7.6	103.7	9.01	103.7	9.24	103.7	9.57	103.4	9.86	103.1	10.15	102.7	10.47	101.9	10.79	100.7	11.22
	-4.0	-4.4	108.2	9.31	108.2	9.54	108.2	9.87	107.9	10.16	107.6	10.45	107.2	10.77	106.3	11.09	105.1	11.52
	0.0	-0.4	113.8	9.68	113.8	9.91	113.8	10.24	113.5	10.53	113.1	10.83	112.7	11.14	111.8	11.46	110.6	11.89
	5.0	4.5	120.8	10.15	120.8	10.37	120.8	10.70	120.4	11.00	120.1	11.29	119.9	11.61	119.5	11.93	118.9	12.35
	10.0	9.0	127.8	10.61	127.8	10.83	127.8	11.17	127.4	11.46	127.0	11.75	127.0	12.07	127.0	12.39	127.0	12.82
	15.0	14.0	134.6	11.07	134.6	11.29	134.6	11.62	134.2	11.92	133.8	12.21	133.5	12.25	132.9	11.99	132.2	11.63
	20.0	19.0	141.8	11.54	141.8	11.76	141.8	12.10	141.3	12.11	140.9	12.12	137.6	11.86	131.5	11.59	123.3	11.24
	25.0	23.0	148.7	12.24	148.7	12.23	148.7	12.20	147.6	11.97	146.4	11.73	138.9	11.47	131.0	11.21	120.5	10.86
	30.0	28.0	155.7	12.24	155.7	12.04	155.7	11.75	151.6	11.55	147.5	11.35	138.9	11.09	131.0	10.83	120.5	10.48
	35.0	32.0	164.0	11.72	162.7	11.56	160.7	11.31	154.1	11.14	147.5	10.96	138.9	10.70	131.0	10.44	120.5	10.09
	40.0	36.0	174.5	11.20	169.7	11.07	162.5	10.87	155.0	10.72	147.5	10.57	138.9	10.32	131.0	10.06	120.5	9.71
	45.0	41.0	178.2	10.70	171.9	10.59	162.5	10.43	155.0	10.31	147.5	10.19	138.9	9.94	131.0	9.68	120.5	9.33
	47.0	43.0	178.2	10.55	171.9	10.45	162.5	10.29	155.0	10.17	**147.5**	**10.05**	138.9	9.80	131.0	9.55	120.5	9.21
	50.0	46.0	178.2	10.38	171.9	10.28	162.5	10.12	155.0	10.01	147.5	9.89	138.9	9.64	131.0	9.39	120.5	9.06
	55.0	51.0	178.2	10.13	171.9	10.03	162.5	9.88	155.0	9.77	147.5	9.65	138.9	9.41	131.0	9.17	120.5	8.84
	60.0	56.0	178.2	9.86	171.9	9.76	162.5	9.61	155.0	9.50	147.5	9.39	138.9	9.16	131.0	8.92	120.5	8.60

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.
Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.
Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Heating Capacity ARUN121BTE4, ARUN121DTE4 / ARUB121BTE4, ARUB121DTE4

121,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
100	-12.6	-13.0	95.8	8.95	95.8	9.13	95.8	9.40	95.5	9.64	95.2	9.87	94.8	10.33	94.1	10.59	93.0	10.94
	-7.0	-7.6	103.3	9.45	103.3	9.63	103.3	9.90	103.0	10.14	102.7	10.37	102.3	10.83	101.4	11.09	100.3	11.44
	-4.0	-4.4	107.8	9.75	107.8	9.93	107.8	10.20	107.5	10.44	107.1	10.67	106.7	11.13	105.9	11.39	104.7	11.75
	0.0	-0.4	113.2	10.13	113.0	10.31	112.7	10.57	112.5	10.81	112.3	11.04	111.9	11.50	111.0	11.76	109.8	12.12
	5.0	4.5	119.9	10.59	119.9	10.77	119.9	11.04	119.6	11.27	119.3	11.51	118.8	11.96	117.9	12.23	116.6	12.58
	10.0	9.0	127.5	11.05	127.1	11.23	126.6	11.50	126.5	11.74	126.5	11.97	124.6	12.23	120.5	12.06	115.1	11.84
	15.0	14.0	133.9	11.51	133.9	11.69	133.9	11.96	133.6	11.98	133.2	12.01	127.1	11.82	119.6	11.53	109.7	11.15
	20.0	19.0	144.1	12.08	143.6	12.16	142.8	12.28	138.9	11.92	135.0	11.55	127.1	11.31	119.6	11.02	109.7	10.64
	25.0	23.0	153.3	12.63	151.1	12.24	147.9	11.66	141.4	11.38	135.0	11.11	127.1	10.80	119.6	10.52	109.7	10.13
	30.0	28.0	160.6	12.08	155.7	11.74	148.4	11.22	141.7	10.94	135.0	10.66	127.1	10.30	119.6	10.01	109.7	9.63
	35.0	32.0	163.3	11.54	157.3	11.24	148.4	10.79	141.7	10.50	135.0	10.22	127.1	9.79	119.6	9.51	109.7	9.13
	40.0	**36.0**	163.3	11.00	157.3	10.74	148.4	10.36	141.7	10.06	135.0	9.77	127.1	9.29	119.6	9.00	109.7	8.62
	45.0	41.0	163.3	10.47	157.3	10.25	148.4	9.93	141.7	9.63	135.0	9.34	127.1	8.80	119.6	8.52	109.7	8.14
	47.0	43.0	163.3	10.33	157.3	10.11	148.4	9.80	141.7	9.50	**135.0**	**9.21**	127.1	8.68	119.6	8.40	109.7	8.03
	50.0	46.0	163.3	10.16	157.3	9.95	148.4	9.64	141.7	9.35	135.0	9.06	127.1	8.54	119.6	8.26	109.7	7.89
	55.0	51.0	163.3	9.91	157.3	9.71	148.4	9.41	141.7	9.12	135.0	8.84	127.1	8.33	119.6	8.06	109.7	7.71
	60.0	56.0	163.3	9.65	157.3	9.45	148.4	9.15	141.7	8.88	135.0	8.60	127.1	8.11	119.6	7.85	109.7	7.50
90	-12.6	-13.0	95.4	8.59	95.4	8.76	95.4	9.01	95.1	9.29	94.8	9.56	94.4	10.07	93.7	10.49	92.7	11.05
	-7.0	-7.6	102.9	9.09	102.9	9.26	102.9	9.51	102.6	9.79	102.2	10.06	101.8	10.57	101.0	10.99	99.9	11.55
	-4.0	-4.4	107.4	9.39	107.4	9.56	107.4	9.81	107.0	10.09	106.7	10.36	106.3	10.87	105.4	11.29	104.3	11.85
	0.0	-0.4	113.2	9.77	113.0	9.93	112.7	10.18	112.4	10.46	112.2	10.73	111.3	11.25	109.3	11.66	106.7	12.22
	5.0	4.5	119.9	10.23	119.9	10.40	119.9	10.65	119.5	10.92	119.1	11.20	115.1	11.49	109.7	11.44	102.6	11.37
	10.0	9.0	127.5	10.69	127.1	10.86	126.6	11.11	125.0	11.39	123.3	11.66	116.4	11.30	109.3	10.89	99.8	10.34
	15.0	14.0	133.9	11.15	133.9	11.31	133.9	11.56	128.8	11.45	123.6	11.34	116.4	10.85	109.3	10.44	99.8	9.89
	20.0	19.0	147.6	11.85	142.8	11.68	135.5	11.42	129.6	11.14	123.6	10.87	116.4	10.38	109.3	9.97	99.8	9.43
	25.0	23.0	149.7	11.39	144.1	11.21	135.5	10.95	129.6	10.67	123.6	10.40	116.4	9.92	109.3	9.52	99.8	8.98
	30.0	28.0	149.7	10.93	144.1	10.75	135.5	10.48	129.6	10.20	123.6	9.93	116.4	9.46	109.3	9.06	99.8	8.53
	35.0	32.0	149.7	10.47	144.1	10.29	135.5	10.01	129.6	9.74	123.6	9.46	116.4	9.00	109.3	8.60	99.8	8.07
	40.0	36.0	149.7	10.01	144.1	9.82	135.5	9.54	129.6	9.27	123.6	8.99	116.4	8.54	109.3	8.15	99.8	7.62
	45.0	41.0	149.7	9.56	144.1	9.37	135.5	9.08	129.6	8.81	123.6	8.54	116.4	8.10	109.3	7.71	99.8	7.18
	47.0	43.0	149.7	9.43	144.1	9.24	135.5	8.96	129.6	8.69	**123.6**	**8.42**	116.4	7.99	109.3	7.60	99.8	7.08
	50.0	46.0	149.7	9.28	144.1	9.09	135.5	8.81	129.6	8.55	123.6	8.28	116.4	7.86	109.3	7.48	99.8	6.97
	55.0	51.0	149.7	9.06	144.1	8.87	135.5	8.60	129.6	8.34	123.6	8.09	116.4	7.67	109.3	7.30	99.8	6.80
	60.0	56.0	149.7	8.81	144.1	8.63	135.5	8.37	129.6	8.12	123.6	7.87	116.4	7.46	109.3	7.10	99.8	6.62
80	-12.6	-13.0	95.0	7.54	95.0	7.68	95.0	7.90	94.7	8.22	94.4	8.55	94.1	9.25	93.3	9.66	92.3	10.22
	-7.0	-7.6	102.5	8.04	102.5	8.18	102.5	8.40	102.1	8.72	101.8	9.05	100.8	9.72	98.8	10.07	96.0	10.54
	-4.0	-4.4	106.9	8.34	106.9	8.48	106.9	8.70	106.6	9.03	106.3	9.35	103.5	10.00	97.8	10.32	90.1	10.74
	0.0	-0.4	112.3	8.71	112.3	8.85	112.3	9.07	111.1	9.40	109.9	9.72	103.8	10.24	97.7	10.26	89.4	10.30
	5.0	4.5	118.7	9.17	118.7	9.32	118.7	9.53	114.7	9.86	110.7	10.19	103.8	10.04	97.7	9.79	89.4	9.45
	10.0	9.0	127.9	9.64	125.4	9.78	121.6	10.00	116.1	10.09	110.7	10.18	103.8	9.64	97.7	9.38	89.4	9.04
	15.0	14.0	133.9	10.16	129.0	10.24	121.6	10.36	116.1	10.06	110.7	9.76	103.8	9.25	97.7	8.99	89.4	8.65
	20.0	19.0	133.9	10.26	129.0	10.12	121.6	9.91	116.1	9.62	110.7	9.32	103.8	8.84	97.7	8.58	89.4	8.24
	25.0	23.0	133.9	9.83	129.0	9.69	121.6	9.48	116.1	9.19	110.7	8.90	103.8	8.44	97.7	8.18	89.4	7.83
	30.0	28.0	133.9	9.40	129.0	9.26	121.6	9.04	116.1	8.76	110.7	8.47	103.8	8.04	97.7	7.78	89.4	7.43
	35.0	32.0	133.9	8.98	129.0	8.83	121.6	8.61	116.1	8.33	110.7	8.05	103.8	7.64	97.7	7.38	89.4	7.03
	40.0	36.0	133.9	8.55	129.0	8.40	121.6	8.17	116.1	7.90	110.7	7.62	103.8	7.24	97.7	6.97	89.4	6.62
	45.0	41.0	133.9	8.14	129.0	7.98	121.6	7.75	116.1	7.48	110.7	7.21	103.8	6.85	97.7	6.59	89.4	6.24
	47.0	43.0	133.9	8.03	129.0	7.87	121.6	7.64	116.1	7.38	**110.7**	**7.11**	103.8	6.76	97.7	6.50	89.4	6.15
	50.0	46.0	133.9	7.89	129.0	7.74	121.6	7.52	116.1	7.26	110.7	6.99	103.8	6.65	97.7	6.39	89.4	6.05
	55.0	51.0	133.9	7.71	129.0	7.56	121.6	7.34	116.1	7.08	110.7	6.83	103.8	6.49	97.7	6.24	89.4	5.91
	60.0	56.0	133.9	7.50	129.0	7.35	121.6	7.14	116.1	6.89	110.7	6.64	103.8	6.31	97.7	6.07	89.4	5.75

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.
Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.
Nominal heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

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ARUN121BTE4, ARUN121DTE4 / ARUB121BTE4, ARUB121DTE4 Heating Capacity

121,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
70	-12.6	-13.0	95.0	7.19	95.0	7.41	95.0	7.75	94.4	8.12	93.8	8.49	88.7	9.18	83.6	9.59	76.8	10.15
	-7.0	-7.6	97.8	7.69	97.8	7.91	97.8	8.25	95.8	8.65	93.8	9.06	88.7	9.62	83.6	9.88	76.8	10.21
	-4.0	-4.4	99.4	7.99	99.4	8.21	99.4	8.55	96.6	8.97	93.8	9.40	88.7	9.89	83.6	10.05	76.8	10.25
	0.0	-0.4	101.5	8.36	101.5	8.59	101.5	8.92	97.7	9.37	93.8	9.82	88.7	9.80	83.6	9.66	76.8	9.47
	5.0	4.5	108.7	8.83	106.4	9.05	102.9	9.38	98.4	9.57	93.8	9.75	88.7	9.36	83.6	9.20	76.8	8.98
	10.0	9.0	113.5	9.29	109.4	9.51	103.3	9.85	98.6	9.57	93.8	9.30	88.7	8.91	83.6	8.74	76.8	8.50
	15.0	14.0	113.5	10.09	109.4	9.86	103.3	9.52	98.6	9.19	93.8	8.86	88.7	8.48	83.6	8.28	76.8	8.02
	20.0	19.0	113.5	9.59	109.4	9.37	103.3	9.04	98.6	8.72	93.8	8.40	88.7	8.03	83.6	7.81	76.8	7.53
	25.0	23.0	113.5	9.09	109.4	8.88	103.3	8.56	98.6	8.25	93.8	7.94	88.7	7.58	83.6	7.35	76.8	7.05
	30.0	28.0	113.5	8.60	109.4	8.39	103.3	8.08	98.6	7.79	93.8	7.49	88.7	7.14	83.6	6.89	76.8	6.56
	35.0	32.0	113.5	8.11	109.4	7.91	103.3	7.61	98.6	7.32	93.8	7.04	88.7	6.70	83.6	6.43	76.8	6.08
	40.0	36.0	113.5	7.61	109.4	7.42	103.3	7.13	98.6	6.86	93.8	6.59	88.7	6.25	83.6	5.97	76.8	5.60
	45.0	41.0	113.5	7.14	109.4	6.95	103.3	6.67	98.6	6.41	93.8	6.16	88.7	5.83	83.6	5.53	76.8	5.14
	47.0	43.0	113.5	7.04	109.4	6.86	103.3	6.58	98.6	6.33	**93.8**	**6.07**	88.7	5.75	83.6	5.46	76.8	5.07
	50.0	46.0	113.5	6.92	109.4	6.74	103.3	6.47	98.6	6.22	93.8	5.97	88.7	5.66	83.6	5.37	76.8	4.98
	55.0	51.0	113.5	6.76	109.4	6.58	103.3	6.32	98.6	6.07	93.8	5.83	88.7	5.52	83.6	5.24	76.8	4.86
	60.0	56.0	113.5	6.57	109.4	6.40	103.3	6.15	98.6	5.91	93.8	5.67	88.7	5.37	83.6	5.10	76.8	4.73
60	-12.6	-13.0	83.8	7.12	83.8	7.34	83.8	7.65	82.2	8.06	80.5	8.47	75.8	9.16	71.6	9.57	66.1	10.12
	-7.0	-7.6	90.5	7.62	89.8	7.84	88.8	8.15	84.7	8.58	80.5	9.00	75.8	9.30	71.6	9.58	66.1	9.95
	-4.0	-4.4	96.5	7.92	93.4	8.14	88.8	8.45	84.7	8.88	80.5	9.30	75.8	9.37	71.6	9.15	66.1	8.85
	0.0	-0.4	97.2	8.30	93.8	8.51	88.8	8.82	84.7	9.08	80.5	9.34	75.8	9.04	71.6	8.76	66.1	8.39
	5.0	4.5	97.2	8.76	93.8	8.97	88.8	9.29	84.7	9.09	80.5	8.89	75.8	8.58	71.6	8.30	66.1	7.93
	10.0	9.0	97.2	9.56	93.8	9.43	88.8	9.24	84.7	8.84	80.5	8.43	75.8	8.13	71.6	7.84	66.1	7.47
	15.0	14.0	97.2	9.33	93.8	9.10	88.8	8.75	84.7	8.37	80.5	7.99	75.8	7.68	71.6	7.39	66.1	7.01
	20.0	19.0	97.2	8.83	93.8	8.60	88.8	8.24	84.7	7.89	80.5	7.53	75.8	7.21	71.6	6.92	66.1	6.54
	25.0	23.0	97.2	8.35	93.8	8.11	88.8	7.74	84.7	7.41	80.5	7.08	75.8	6.75	71.6	6.46	66.1	6.08
	30.0	28.0	97.2	7.86	93.8	7.62	88.8	7.25	84.7	6.94	80.5	6.63	75.8	6.29	71.6	6.00	66.1	5.61
	35.0	32.0	97.2	7.38	93.8	7.13	88.8	6.75	84.7	6.46	80.5	6.17	75.8	5.83	71.6	5.54	66.1	5.15
	40.0	36.0	97.2	6.89	93.8	6.63	88.8	6.25	84.7	5.99	80.5	5.72	75.8	5.37	71.6	5.08	66.1	4.68
	45.0	41.0	97.2	6.43	93.8	6.17	88.8	5.78	84.7	5.53	80.5	5.29	75.8	4.94	71.6	4.64	66.1	4.25
	47.0	43.0	97.2	6.34	93.8	6.08	88.8	5.70	84.7	5.46	**80.5**	**5.22**	75.8	4.87	71.6	4.58	66.1	4.19
	50.0	46.0	97.2	6.23	93.8	5.98	88.8	5.60	84.7	5.37	80.5	5.13	75.8	4.79	71.6	4.50	66.1	4.12
	55.0	51.0	97.2	6.09	93.8	5.84	88.8	5.47	84.7	5.24	80.5	5.01	75.8	4.68	71.6	4.40	66.1	4.02
	60.0	56.0	97.2	5.92	93.8	5.68	88.8	5.32	84.7	5.10	80.5	4.88	75.8	4.55	71.6	4.28	66.1	3.91
50	-12.6	-13.0	81.3	6.45	78.3	6.78	73.9	7.28	70.5	7.71	67.2	8.13	63.2	8.43	59.5	8.71	54.6	9.08
	-7.0	-7.6	81.3	6.95	78.3	7.28	73.9	7.78	70.5	8.04	67.2	8.30	63.2	8.46	59.5	8.09	54.6	7.59
	-4.0	-4.4	81.3	7.25	78.3	7.58	73.9	8.08	70.5	8.34	67.2	8.60	63.2	8.18	59.5	7.82	54.6	7.33
	0.0	-0.4	81.3	7.62	78.3	7.95	73.9	8.46	70.5	8.38	67.2	8.31	63.2	7.84	59.5	7.49	54.6	7.01
	5.0	4.5	81.3	8.46	78.3	8.42	73.9	8.35	70.5	8.10	67.2	7.85	63.2	7.42	59.5	7.07	54.6	6.62
	10.0	9.0	81.3	8.70	78.3	8.38	73.9	7.89	70.5	7.64	67.2	7.40	63.2	6.99	59.5	6.66	54.6	6.22
	15.0	14.0	81.3	8.21	78.3	7.90	73.9	7.43	70.5	7.19	67.2	6.96	63.2	6.57	59.5	6.26	54.6	5.84
	20.0	19.0	81.3	7.69	78.3	7.40	73.9	6.96	70.5	6.73	67.2	6.50	63.2	6.13	59.5	5.83	54.6	5.43
	25.0	23.0	81.3	7.18	78.3	6.91	73.9	6.49	70.5	6.27	67.2	6.05	63.2	5.71	59.5	5.42	54.6	5.04
	30.0	28.0	81.3	6.68	78.3	6.42	73.9	6.03	70.5	5.81	67.2	5.59	63.2	5.28	59.5	5.01	54.6	4.64
	35.0	32.0	81.3	6.17	78.3	5.93	73.9	5.56	70.5	5.35	67.2	5.14	63.2	4.85	59.5	4.59	54.6	4.25
	40.0	36.0	81.3	5.66	78.3	5.44	73.9	5.10	70.5	4.89	67.2	4.69	63.2	4.43	59.5	4.18	54.6	3.86
	45.0	41.0	81.3	5.18	78.3	4.97	73.9	4.66	70.5	4.46	67.2	4.26	63.2	4.02	59.5	3.79	54.6	3.48
	47.0	43.0	81.3	5.11	78.3	4.91	73.9	4.59	70.5	4.40	**67.2**	**4.20**	63.2	3.97	59.5	3.74	54.6	3.44
	50.0	46.0	81.3	5.03	78.3	4.83	73.9	4.52	70.5	4.33	67.2	4.13	63.2	3.90	59.5	3.68	54.6	3.38
	55.0	51.0	81.3	4.91	78.3	4.71	73.9	4.41	70.5	4.22	67.2	4.04	63.2	3.81	59.5	3.59	54.6	3.30
	60.0	56.0	81.3	4.78	78.3	4.58	73.9	4.29	70.5	4.11	67.2	3.93	63.2	3.71	59.5	3.49	54.6	3.21

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.
Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.
Nominal heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Heating Capacity ARUN144BTE4, ARUN144DTE4 / ARUB144BTE4, ARUB144DTE4

144,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
130	-12.6	-13.0	108.7	7.94	108.7	8.45	108.7	9.22	108.3	9.86	108.0	10.50	108.0	11.17	108.0	11.49	108.0	11.92
	-7.0	-7.6	119.2	8.71	119.2	9.22	119.2	9.99	118.8	10.63	118.5	11.28	118.5	11.94	118.5	12.26	118.5	12.69
	-4.0	-4.4	125.5	9.17	125.5	9.68	125.5	10.45	125.1	11.10	124.8	11.74	124.8	12.40	124.8	12.72	124.8	13.15
	0.0	-0.4	133.4	9.74	133.4	10.25	133.4	11.02	132.9	11.67	132.5	12.31	132.5	12.97	132.5	13.29	132.5	13.72
	5.0	4.5	143.1	10.45	143.1	10.97	143.1	11.74	142.7	12.38	142.2	13.02	142.2	13.69	142.2	14.01	142.2	14.44
	10.0	9.0	152.9	11.17	152.9	11.68	152.9	12.45	152.4	13.09	151.9	13.74	151.9	14.40	151.9	14.72	151.9	15.15
	15.0	14.0	162.4	11.87	162.4	12.38	162.4	13.15	161.9	13.79	161.4	14.44	161.4	15.10	161.4	15.42	161.4	15.85
	20.0	19.0	172.4	12.59	172.4	13.11	172.4	13.88	171.9	14.52	171.3	15.16	171.3	15.41	171.3	15.15	171.3	14.80
	25.0	23.0	182.2	13.31	182.2	13.82	182.2	14.59	181.6	14.98	181.0	15.37	181.0	14.84	181.0	14.57	181.0	14.21
	30.0	28.0	191.9	14.02	191.9	14.54	191.9	15.31	191.3	15.06	190.7	14.81	189.3	14.28	186.4	14.00	182.4	13.62
	35.0	32.0	201.7	15.28	201.7	15.25	201.7	15.21	201.1	14.73	200.4	14.26	195.2	13.72	186.6	13.43	175.2	13.03
	40.0	36.0	211.5	15.59	211.5	15.18	211.5	14.57	210.2	14.14	208.9	13.70	197.5	13.16	185.8	12.85	170.2	12.44
	45.0	41.0	216.3	14.71	216.3	14.40	216.3	13.94	213.3	13.54	210.3	13.14	197.5	12.60	185.8	12.28	170.2	11.85
	47.0	43.0	216.3	14.43	216.3	14.12	216.3	13.67	213.3	13.27	**210.3**	**12.88**	197.5	12.35	185.8	12.04	170.2	11.62
	50.0	46.0	216.3	14.06	216.3	13.76	216.3	13.32	213.3	12.94	210.3	12.56	197.5	12.04	185.8	11.74	170.2	11.33
	55.0	51.0	216.3	13.49	216.3	13.21	216.3	12.78	213.3	12.42	210.3	12.05	197.5	11.56	185.8	11.26	170.2	10.87
	60.0	56.0	216.3	12.88	216.3	12.61	216.3	12.20	213.3	11.85	210.3	11.50	197.5	11.03	185.8	10.75	170.2	10.38
120	-12.6	-13.0	107.9	8.71	107.9	9.22	107.9	9.99	107.6	10.25	107.2	10.50	107.2	11.50	107.2	11.72	107.2	12.00
	-7.0	-7.6	118.4	9.48	118.4	9.99	118.4	10.76	118.0	11.02	117.6	11.28	117.6	12.27	117.6	12.49	117.6	12.77
	-4.0	-4.4	124.6	9.94	124.6	10.45	124.6	11.22	124.3	11.48	123.9	11.74	123.9	12.74	123.9	12.95	123.9	13.24
	0.0	-0.4	132.4	10.51	132.4	11.02	132.4	11.80	132.0	12.05	131.6	12.31	131.6	13.31	131.6	13.52	131.6	13.81
	5.0	4.5	142.1	11.22	142.1	11.74	142.1	12.51	141.7	12.77	141.2	13.02	141.2	14.02	141.2	14.24	141.2	14.52
	10.0	9.0	151.8	11.94	151.8	12.45	151.8	13.22	151.3	13.48	150.8	13.74	150.8	14.74	150.8	14.95	150.8	15.24
	15.0	14.0	161.3	12.64	161.3	13.15	161.3	13.92	160.8	14.18	160.3	14.44	160.3	15.44	160.3	15.65	160.3	15.93
	20.0	19.0	171.2	13.37	171.2	13.88	171.2	14.65	170.7	15.09	170.1	15.52	170.1	15.17	170.1	15.00	170.1	14.78
	25.0	23.0	180.9	14.08	180.9	14.59	180.9	15.36	180.3	15.16	179.7	14.96	178.6	14.63	176.1	14.46	172.7	14.24
	30.0	28.0	190.6	15.41	190.6	15.31	190.6	15.15	190.0	14.78	189.4	14.40	183.9	14.10	175.1	13.93	163.4	13.70
	35.0	32.0	200.3	15.54	200.3	15.13	200.3	14.51	197.8	14.17	195.4	13.84	185.7	13.57	174.4	13.39	159.3	13.15
	40.0	36.0	210.0	14.68	210.0	14.35	210.0	13.86	203.6	13.57	197.1	13.27	185.7	13.04	174.4	12.85	159.3	12.61
	45.0	41.0	216.1	13.83	214.6	13.58	212.3	13.21	204.7	12.96	197.1	12.71	185.7	12.50	174.4	12.31	159.3	12.06
	47.0	43.0	216.1	13.56	214.6	13.32	212.3	12.96	204.7	12.71	**197.1**	**12.46**	185.7	12.26	174.4	12.07	159.3	11.83
	50.0	46.0	216.1	13.21	214.6	12.98	212.3	12.63	204.7	12.39	197.1	12.14	185.7	11.94	174.4	11.77	159.3	11.53
	55.0	51.0	216.1	12.68	214.6	12.46	212.3	12.12	204.7	11.89	197.1	11.65	185.7	11.46	174.4	11.29	159.3	11.06
	60.0	56.0	216.1	12.11	214.6	11.89	212.3	11.57	204.7	11.35	197.1	11.12	185.7	10.94	174.4	10.78	159.3	10.56
110	-12.6	-13.0	107.3	9.65	107.3	9.99	107.3	10.50	107.0	10.95	106.6	11.40	106.6	11.89	106.6	12.38	106.6	13.04
	-7.0	-7.6	117.7	10.42	117.7	10.76	117.7	11.28	117.4	11.73	117.0	12.18	117.0	12.66	117.0	13.15	117.0	13.81
	-4.0	-4.4	124.0	10.88	124.0	11.22	124.0	11.74	123.6	12.19	123.2	12.64	123.2	13.12	123.2	13.62	123.2	14.27
	0.0	-0.4	131.7	11.45	131.7	11.80	131.7	12.31	131.3	12.76	130.9	13.21	130.9	13.70	130.9	14.19	130.9	14.84
	5.0	4.5	141.3	12.17	141.3	12.51	141.3	13.02	140.9	13.47	140.4	13.92	140.4	14.41	140.4	14.90	140.4	15.56
	10.0	9.0	151.0	12.88	151.0	13.22	151.0	13.74	150.5	14.19	150.0	14.64	150.0	15.12	150.0	15.62	150.0	16.27
	15.0	14.0	160.4	13.58	160.4	13.92	160.4	14.44	159.9	14.89	159.4	15.34	159.4	15.40	159.4	14.99	159.4	14.45
	20.0	19.0	170.3	14.31	170.3	14.65	170.3	15.16	169.7	15.17	169.2	15.18	165.1	14.79	157.7	14.40	147.9	13.88
	25.0	23.0	179.9	15.41	179.9	15.36	179.9	15.30	178.0	14.93	176.1	14.56	166.6	14.19	157.2	13.81	144.6	13.31
	30.0	28.0	189.5	15.34	189.5	15.03	189.5	14.56	183.3	14.25	177.0	13.94	166.6	13.58	157.2	13.23	144.6	12.75
	35.0	32.0	202.5	14.44	199.2	14.20	194.3	13.82	185.6	13.57	177.0	13.32	166.6	12.98	157.2	12.64	144.6	12.19
	40.0	36.0	212.7	13.55	205.6	13.36	195.0	13.09	186.0	12.89	177.0	12.69	166.6	12.38	157.2	12.05	144.6	11.62
	45.0	41.0	213.8	12.68	206.3	12.55	195.0	12.36	186.0	12.22	177.0	12.08	166.6	11.78	157.2	11.47	144.6	11.06
	47.0	43.0	213.8	12.43	206.3	12.31	195.0	12.12	186.0	11.98	**177.0**	**11.84**	166.6	11.55	157.2	11.25	144.6	10.85
	50.0	46.0	213.8	12.12	206.3	12.00	195.0	11.82	186.0	11.68	177.0	11.54	166.6	11.26	157.2	10.96	144.6	10.57
	55.0	51.0	213.8	11.63	206.3	11.51	195.0	11.34	186.0	11.21	177.0	11.08	166.6	10.80	157.2	10.52	144.6	10.15
	60.0	56.0	213.8	11.10	206.3	10.99	195.0	10.83	186.0	10.70	177.0	10.57	166.6	10.31	157.2	10.04	144.6	9.69

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.
Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.
Nominal heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

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PERFORMANCE DATA

ARUN144BTE4, ARUN144DTE4 / ARUB144BTE4, ARUB144DTE4 Heating Capacity

144,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
100	-12.6	-13.0	106.9	8.77	106.9	9.67	106.9	11.02	106.5	11.38	106.2	11.74	106.2	12.44	106.2	12.85	106.2	13.39
	-7.0	-7.6	117.2	9.54	117.2	10.44	117.2	11.79	116.9	12.15	116.5	12.51	116.5	13.21	116.5	13.62	116.5	14.16
	-4.0	-4.4	123.5	10.00	123.5	10.90	123.5	12.25	123.1	12.61	122.7	12.97	122.7	13.68	122.7	14.08	122.7	14.62
	0.0	-0.4	131.0	10.57	130.7	11.47	130.3	12.82	130.1	13.18	130.0	13.54	130.0	14.25	130.0	14.65	130.0	15.20
	5.0	4.5	140.3	11.29	140.3	12.19	140.3	13.54	139.9	13.90	139.5	14.26	139.5	14.96	139.5	15.37	139.5	15.91
	10.0	9.0	150.6	12.00	150.2	12.90	149.6	14.25	149.5	14.61	149.4	14.97	147.9	15.38	144.7	15.15	140.5	14.84
	15.0	14.0	159.5	12.70	159.5	13.60	159.5	14.95	159.2	15.00	158.8	15.04	152.5	14.80	143.6	14.40	131.7	13.86
	20.0	19.0	172.9	13.58	172.3	14.33	171.3	15.45	166.7	14.91	162.0	14.37	152.5	14.05	143.6	13.66	131.7	13.14
	25.0	23.0	184.0	14.55	181.4	14.52	177.4	14.47	169.7	14.09	162.0	13.70	152.5	13.33	143.6	12.94	131.7	12.44
	30.0	28.0	192.7	14.02	186.9	13.93	178.1	13.79	170.0	13.42	162.0	13.04	152.5	12.60	143.6	12.23	131.7	11.73
	35.0	32.0	195.9	13.48	188.8	13.33	178.1	13.11	170.0	12.75	162.0	12.38	152.5	11.87	143.6	11.51	131.7	11.03
	40.0	**36.0**	195.9	12.95	188.8	12.74	178.1	12.44	170.0	12.08	162.0	11.72	**152.5**	11.14	143.6	10.79	131.7	10.33
	45.0	41.0	195.9	12.41	188.8	12.15	178.1	11.77	170.0	11.42	162.0	11.06	152.5	10.43	143.6	10.09	131.7	9.64
	47.0	43.0	195.9	12.17	188.8	11.92	178.1	11.54	170.0	11.20	**162.0**	**10.85**	152.5	10.23	143.6	9.90	131.7	9.45
	50.0	46.0	195.9	11.86	188.8	11.61	178.1	11.25	170.0	10.91	162.0	10.57	152.5	9.97	143.6	9.64	131.7	9.21
	55.0	51.0	195.9	11.38	188.8	11.15	178.1	10.80	170.0	10.47	162.0	10.15	152.5	9.57	143.6	9.26	131.7	8.84
	60.0	56.0	195.9	10.86	188.8	10.64	178.1	10.31	170.0	10.00	162.0	9.69	152.5	9.13	143.6	8.84	131.7	8.44
90	-12.6	-13.0	106.4	9.95	106.4	10.21	106.4	10.59	106.1	11.02	105.8	11.44	105.8	12.23	105.8	12.87	105.8	13.73
	-7.0	-7.6	116.8	10.72	116.8	10.98	116.8	11.37	116.4	11.79	116.0	12.21	116.0	13.00	116.0	13.64	116.0	14.50
	-4.0	-4.4	123.0	11.19	123.0	11.44	123.0	11.83	122.6	12.25	122.2	12.68	122.2	13.46	122.2	14.11	122.2	14.96
	0.0	-0.4	131.0	11.76	130.7	12.01	130.3	12.40	130.1	12.82	129.8	13.25	129.8	14.03	129.7	14.68	129.7	15.53
	5.0	4.5	140.3	12.47	140.3	12.73	140.3	13.11	139.8	13.54	139.3	13.96	136.9	14.43	132.1	14.38	125.6	14.31
	10.0	9.0	150.6	13.18	150.2	13.44	149.6	13.83	148.5	14.25	147.3	14.67	139.6	14.16	131.1	13.59	119.8	12.83
	15.0	14.0	159.5	13.88	159.5	14.14	159.5	14.53	153.9	14.37	148.4	14.22	139.6	13.52	131.1	12.97	119.8	12.22
	20.0	19.0	177.1	14.95	171.3	14.70	162.7	14.31	155.5	13.92	148.4	13.52	139.6	12.86	131.1	12.31	119.8	11.59
	25.0	23.0	179.7	14.23	172.9	13.97	162.7	13.60	155.5	13.22	148.4	12.84	139.6	12.20	131.1	11.67	119.8	10.97
	30.0	28.0	179.7	13.50	172.9	13.25	162.7	12.89	155.5	12.52	148.4	12.15	139.6	11.55	131.1	11.03	119.8	10.35
	35.0	32.0	179.7	12.77	172.9	12.53	162.7	12.17	155.5	11.82	148.4	11.47	139.6	10.89	131.1	10.40	119.8	9.73
	40.0	36.0	179.7	12.05	172.9	11.81	162.7	11.46	155.5	11.12	148.4	10.78	139.6	10.24	131.1	9.76	119.8	9.11
	45.0	41.0	179.7	11.33	172.9	11.10	162.7	10.76	155.5	10.44	148.4	10.12	139.6	9.60	131.1	9.13	119.8	8.51
	47.0	43.0	179.7	11.11	172.9	10.89	162.7	10.55	155.5	10.24	**148.4**	**9.92**	139.6	9.41	131.1	8.95	119.8	8.35
	50.0	46.0	179.7	10.83	172.9	10.61	162.7	10.29	155.5	9.98	148.4	9.67	139.6	9.17	131.1	8.73	119.8	8.13
	55.0	51.0	179.7	10.39	172.9	10.19	162.7	9.87	155.5	9.58	148.4	9.28	139.6	8.80	131.1	8.38	119.8	7.81
	60.0	56.0	179.7	9.92	172.9	9.72	162.7	9.42	155.5	9.14	148.4	8.86	139.6	8.40	131.1	8.00	119.8	7.45
80	-12.6	-13.0	106.0	8.70	106.0	8.92	106.0	9.25	105.7	9.75	105.3	10.26	105.3	11.33	105.3	11.97	105.3	12.83
	-7.0	-7.6	116.3	9.47	116.3	9.69	116.3	10.02	115.9	10.53	115.6	11.03	115.6	12.05	115.6	12.60	115.6	13.33
	-4.0	-4.4	122.5	9.93	122.5	10.15	122.5	10.49	122.1	10.99	121.7	11.49	120.6	12.49	118.2	12.98	115.0	13.63
	0.0	-0.4	130.3	10.50	130.3	10.72	130.3	11.06	129.8	11.56	129.2	12.06	123.9	12.86	117.5	12.92	108.9	13.00
	5.0	4.5	140.6	11.22	140.6	11.44	140.6	11.77	136.7	12.27	132.9	12.77	124.6	12.60	117.2	12.25	107.3	11.78
	10.0	9.0	154.2	11.93	150.9	12.15	145.8	12.49	139.3	12.63	132.9	12.78	124.6	12.04	117.2	11.69	107.3	11.23
	15.0	14.0	160.7	12.73	154.8	12.85	145.9	13.04	139.4	12.61	132.9	12.19	124.6	11.49	117.2	11.15	107.3	10.69
	20.0	19.0	160.7	12.88	154.8	12.68	145.9	12.38	139.4	11.98	132.9	11.57	124.6	10.91	117.2	10.58	107.3	10.13
	25.0	23.0	160.7	12.23	154.8	12.03	145.9	11.74	139.4	11.35	132.9	10.96	124.6	10.35	117.2	10.02	107.3	9.58
	30.0	28.0	160.7	11.58	154.8	11.39	145.9	11.10	139.4	10.72	132.9	10.35	124.6	9.79	117.2	9.46	107.3	9.03
	35.0	32.0	160.7	10.93	154.8	10.74	145.9	10.45	139.4	10.10	132.9	9.74	124.6	9.23	117.2	8.91	107.3	8.48
	40.0	36.0	160.7	10.28	154.8	10.09	145.9	9.81	139.4	9.47	132.9	9.13	124.6	8.66	117.2	8.35	107.3	7.93
	45.0	41.0	160.7	9.64	154.8	9.46	145.9	9.18	139.4	8.86	132.9	8.54	124.6	8.12	117.2	7.80	107.3	7.39
	47.0	43.0	160.7	9.45	154.8	9.28	145.9	9.01	139.4	8.69	**132.9**	**8.38**	124.6	7.96	117.2	7.65	107.3	7.25
	50.0	46.0	160.7	9.21	154.8	9.04	145.9	8.78	139.4	8.47	132.9	8.16	124.6	7.76	117.2	7.46	107.3	7.06
	55.0	51.0	160.7	8.84	154.8	8.68	145.9	8.42	139.4	8.13	132.9	7.83	124.6	7.44	117.2	7.16	107.3	6.78
	60.0	56.0	160.7	8.44	154.8	8.28	145.9	8.04	139.4	7.76	132.9	7.48	124.6	7.11	117.2	6.83	107.3	6.47

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.
Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.
Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Heating Capacity ARUN144BTE4, ARUN144DTE4 / ARUB144BTE4, ARUB144DTE4

144,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
70	-12.6	-13.0	106.0	8.30	106.0	8.64	106.0	9.16	105.7	9.71	105.3	10.27	104.0	11.34	101.2	11.99	97.4	12.85
	-7.0	-7.6	116.3	9.07	116.3	9.41	116.3	9.93	114.4	10.54	112.6	11.15	106.4	12.02	100.3	12.41	92.2	12.93
	-4.0	-4.4	122.5	9.53	122.5	9.88	122.5	10.39	117.5	11.03	112.6	11.67	106.4	12.43	100.3	12.67	92.2	12.98
	0.0	-0.4	132.1	10.10	128.9	10.45	123.9	10.96	118.3	11.64	112.6	12.32	106.4	12.33	100.3	12.13	92.2	11.88
	5.0	4.5	136.2	10.82	131.3	11.16	123.9	11.67	118.3	11.96	112.6	12.25	106.4	11.72	100.3	11.51	92.2	11.23
	10.0	9.0	136.2	11.53	131.3	11.87	123.9	12.39	118.3	12.01	112.6	11.63	106.4	11.12	100.3	10.89	92.2	10.59
	15.0	14.0	136.2	12.74	131.3	12.42	123.9	11.94	118.3	11.48	112.6	11.02	106.4	10.53	100.3	10.28	92.2	9.95
	20.0	19.0	136.2	12.01	131.3	11.71	123.9	11.25	118.3	10.82	112.6	10.39	106.4	9.91	100.3	9.64	92.2	9.29
	25.0	23.0	136.2	11.30	131.3	11.01	123.9	10.58	118.3	10.17	112.6	9.76	106.4	9.31	100.3	9.02	92.2	8.65
	30.0	28.0	136.2	10.58	131.3	10.31	123.9	9.90	118.3	9.52	112.6	9.14	106.4	8.70	100.3	8.40	92.2	8.00
	35.0	32.0	136.2	9.86	131.3	9.61	123.9	9.23	118.3	8.87	112.6	8.52	106.4	8.10	100.3	7.78	92.2	7.35
	40.0	36.0	136.2	9.15	131.3	8.91	123.9	8.56	118.3	8.23	112.6	7.90	106.4	7.49	100.3	7.15	92.2	6.71
	45.0	41.0	136.2	8.46	131.3	8.24	123.9	7.91	118.3	7.60	112.6	7.29	106.4	6.91	100.3	6.56	92.2	6.09
	47.0	43.0	136.2	8.29	131.3	8.08	123.9	7.75	118.3	7.45	**112.6**	**7.15**	106.4	6.78	100.3	6.43	92.2	5.97
	50.0	46.0	136.2	8.08	131.3	7.87	123.9	7.56	118.3	7.26	112.6	6.97	106.4	6.60	100.3	6.27	92.2	5.82
	55.0	51.0	136.2	7.76	131.3	7.55	123.9	7.25	118.3	6.97	112.6	6.69	106.4	6.34	100.3	6.01	92.2	5.58
	60.0	56.0	136.2	7.40	131.3	7.21	123.9	6.92	118.3	6.65	112.6	6.39	106.4	6.05	100.3	5.74	92.2	5.33
60	-12.6	-13.0	100.6	8.31	100.6	8.64	100.6	9.13	98.6	9.76	96.6	10.39	91.0	11.48	86.0	12.13	79.3	12.99
	-7.0	-7.6	108.6	9.08	107.8	9.41	106.6	9.90	101.6	10.55	96.6	11.21	91.0	11.66	86.0	12.09	79.3	12.66
	-4.0	-4.4	115.8	9.54	112.1	9.87	106.6	10.36	101.6	11.01	96.6	11.67	91.0	11.79	86.0	11.50	79.3	11.12
	0.0	-0.4	116.6	10.12	112.6	10.44	106.6	10.93	101.6	11.34	96.6	11.75	91.0	11.36	86.0	10.99	79.3	10.50
	5.0	4.5	116.6	10.83	112.6	11.16	106.6	11.64	101.6	11.39	96.6	11.14	91.0	10.74	86.0	10.38	79.3	9.89
	10.0	9.0	116.6	12.04	112.6	11.87	106.6	11.61	101.6	11.07	96.6	10.53	91.0	10.13	86.0	9.76	79.3	9.28
	15.0	14.0	116.6	11.72	112.6	11.41	106.6	10.94	101.6	10.43	96.6	9.93	91.0	9.53	86.0	9.16	79.3	8.68
	20.0	19.0	116.6	11.02	112.6	10.71	106.6	10.24	101.6	9.77	96.6	9.30	91.0	8.90	86.0	8.54	79.3	8.06
	25.0	23.0	116.6	10.33	112.6	10.02	106.6	9.56	101.6	9.12	96.6	8.69	91.0	8.28	86.0	7.92	79.3	7.45
	30.0	28.0	116.6	9.65	112.6	9.34	106.6	8.87	101.6	8.48	96.6	8.08	91.0	7.67	86.0	7.31	79.3	6.83
	35.0	32.0	116.6	8.96	112.6	8.65	106.6	8.19	101.6	7.83	96.6	7.47	91.0	7.05	86.0	6.70	79.3	6.22
	40.0	36.0	116.6	8.28	112.6	7.97	106.6	7.50	101.6	7.18	96.6	6.86	91.0	6.44	86.0	6.08	79.3	5.61
	45.0	41.0	116.6	7.61	112.6	7.31	106.6	6.84	101.6	6.56	96.6	6.27	91.0	5.85	86.0	5.50	79.3	5.03
	47.0	43.0	116.6	7.47	112.6	7.16	106.6	6.71	101.6	6.43	**96.6**	**6.15**	91.0	5.74	86.0	5.39	79.3	4.93
	50.0	46.0	116.6	7.28	112.6	6.98	106.6	6.54	101.6	6.27	96.6	5.99	91.0	5.59	86.0	5.26	79.3	4.81
	55.0	51.0	116.6	6.98	112.6	6.70	106.6	6.28	101.6	6.01	96.6	5.75	91.0	5.37	86.0	5.04	79.3	4.61
	60.0	56.0	116.6	6.67	112.6	6.40	106.6	5.99	101.6	5.74	96.6	5.49	91.0	5.12	86.0	4.82	79.3	4.40
50	-12.6	-13.0	97.5	7.52	94.0	8.03	88.6	8.80	84.6	9.46	80.6	10.11	75.9	10.57	71.4	11.00	65.5	11.57
	-7.0	-7.6	97.5	8.29	94.0	8.80	88.6	9.57	84.6	9.97	80.6	10.37	75.9	10.65	71.4	10.16	65.5	9.49
	-4.0	-4.4	97.5	8.75	94.0	9.26	88.6	10.03	84.6	10.43	80.6	10.83	75.9	10.28	71.4	9.80	65.5	9.16
	0.0	-0.4	97.5	9.32	94.0	9.83	88.6	10.60	84.6	10.52	80.6	10.44	75.9	9.83	71.4	9.37	65.5	8.75
	5.0	4.5	97.5	10.58	94.0	10.55	88.6	10.50	84.6	10.17	80.6	9.84	75.9	9.27	71.4	8.82	65.5	8.23
	10.0	9.0	97.5	10.96	94.0	10.53	88.6	9.87	84.6	9.56	80.6	9.24	75.9	8.70	71.4	8.28	65.5	7.72
	15.0	14.0	97.5	10.28	94.0	9.87	88.6	9.26	84.6	8.95	80.6	8.65	75.9	8.14	71.4	7.74	65.5	7.21
	20.0	19.0	97.5	9.58	94.0	9.19	88.6	8.62	84.6	8.33	80.6	8.03	75.9	7.57	71.4	7.19	65.5	6.68
	25.0	23.0	97.5	8.88	94.0	8.53	88.6	7.99	84.6	7.71	80.6	7.43	75.9	7.00	71.4	6.64	65.5	6.17
	30.0	28.0	97.5	8.19	94.0	7.86	88.6	7.37	84.6	7.10	80.6	6.83	75.9	6.44	71.4	6.10	65.5	5.65
	35.0	32.0	97.5	7.50	94.0	7.20	88.6	6.74	84.6	6.48	80.6	6.23	75.9	5.87	71.4	5.55	65.5	5.13
	40.0	36.0	97.5	6.80	94.0	6.53	88.6	6.12	84.6	5.87	80.6	5.62	75.9	5.30	71.4	5.01	65.5	4.62
	45.0	41.0	97.5	6.14	94.0	5.89	88.6	5.52	84.6	5.28	80.6	5.05	75.9	4.77	71.4	4.49	65.5	4.13
	47.0	43.0	97.5	6.02	94.0	5.78	88.6	5.41	84.6	5.18	**80.6**	**4.95**	75.9	4.67	71.4	4.40	65.5	4.05
	50.0	46.0	97.5	5.87	94.0	5.63	88.6	5.27	84.6	5.05	80.6	4.83	75.9	4.55	71.4	4.29	65.5	3.94
	55.0	51.0	97.5	5.64	94.0	5.41	88.6	5.06	84.6	4.85	80.6	4.63	75.9	4.37	71.4	4.12	65.5	3.79
	60.0	56.0	97.5	5.38	94.0	5.16	88.6	4.83	84.6	4.63	80.6	4.42	75.9	4.17	71.4	3.93	65.5	3.61

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.
Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.
Nominal heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

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LG

ARUN168BTE4, ARUN168DTE4 / ARUB168BTE4, ARUB168DTE4 Heating Capacity

168,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
130	-12.6	-13.0	122.9	12.73	122.9	13.05	122.9	13.53	122.6	13.94	122.2	14.34	122.2	14.76	122.2	14.96	122.2	15.23
	-7.0	-7.6	135.9	13.21	135.9	13.53	135.9	14.02	135.5	14.42	135.0	14.82	135.0	15.24	135.0	15.44	135.0	15.71
	-4.0	-4.4	143.7	13.50	143.7	13.82	143.7	14.31	143.2	14.71	142.8	15.11	142.8	15.53	142.8	15.73	142.8	16.00
	0.0	-0.4	153.3	13.86	153.3	14.18	153.3	14.67	152.8	15.07	152.3	15.47	152.3	15.89	152.3	16.09	152.3	16.36
	5.0	4.5	165.2	14.31	165.2	14.63	165.2	15.11	164.7	15.52	164.2	15.92	164.2	16.34	164.2	16.54	164.2	16.81
	10.0	9.0	177.2	14.76	177.2	15.08	177.2	15.56	176.7	15.96	176.1	16.37	176.1	16.78	176.1	16.98	176.1	17.25
	15.0	14.0	189.0	15.19	189.0	15.52	189.0	16.00	188.4	16.40	187.8	16.81	187.8	17.22	187.8	17.42	187.8	17.69
	20.0	19.0	201.2	15.65	201.2	15.97	201.2	16.46	200.6	16.86	200.0	17.26	200.0	17.45	200.0	17.32	200.0	17.16
	25.0	23.0	213.2	16.10	213.2	16.42	213.2	16.90	212.5	17.20	211.9	17.49	211.9	17.23	211.9	17.05	211.9	16.80
	30.0	28.0	225.2	16.55	225.2	16.87	225.2	17.35	224.5	17.37	223.8	17.38	221.8	17.01	217.5	16.77	211.8	16.45
	35.0	32.0	237.2	17.08	237.2	17.32	237.2	17.67	236.4	17.47	235.7	17.28	228.2	16.79	217.6	16.49	203.5	16.09
	40.0	36.0	249.2	18.00	249.2	17.96	249.2	17.90	246.7	17.54	244.3	17.17	230.4	16.58	216.8	16.22	198.6	15.74
	45.0	41.0	252.4	19.10	252.4	18.69	252.4	18.09	248.8	17.57	245.3	17.05	230.4	16.35	216.8	15.94	198.6	15.39
	47.0	43.0	252.4	18.97	252.4	18.57	252.4	17.97	248.8	17.46	**245.3**	**16.94**	230.4	16.25	216.8	15.84	198.6	15.29
	50.0	46.0	252.4	18.87	252.4	18.48	252.4	17.88	248.8	17.37	245.3	16.86	230.4	16.16	216.8	15.76	198.6	15.21
	55.0	51.0	252.4	18.79	252.4	18.40	252.4	17.80	248.8	17.29	245.3	16.78	230.4	16.09	216.8	15.69	198.6	15.14
	60.0	56.0	252.4	18.68	252.4	18.29	252.4	17.70	248.8	17.19	245.3	16.68	230.4	16.00	216.8	15.60	198.6	15.06
120	-12.6	-13.0	122.1	13.21	122.1	13.53	122.1	14.02	121.7	14.18	121.3	14.34	121.3	14.97	121.3	15.10	121.3	15.28
	-7.0	-7.6	134.9	13.70	134.9	14.02	134.9	14.50	134.5	14.66	134.1	14.82	134.1	15.45	134.1	15.58	134.1	15.76
	-4.0	-4.4	142.6	13.99	142.6	14.31	142.6	14.79	142.2	14.95	141.8	15.11	141.8	15.74	141.8	15.87	141.8	16.05
	0.0	-0.4	152.2	14.34	152.2	14.67	152.2	15.15	151.7	15.31	151.2	15.47	151.2	16.10	151.2	16.23	151.2	16.41
	5.0	4.5	164.1	14.79	164.1	15.11	164.1	15.60	163.6	15.76	163.0	15.92	163.0	16.55	163.0	16.68	163.0	16.86
	10.0	9.0	176.0	15.24	176.0	15.56	176.0	16.04	175.4	16.21	174.9	16.37	174.9	16.99	174.9	17.13	174.9	17.31
	15.0	14.0	187.6	15.68	187.6	16.00	187.6	16.48	187.1	16.64	186.5	16.81	186.5	17.43	186.5	17.57	186.5	17.75
	20.0	19.0	199.8	16.13	199.8	16.46	199.8	16.94	199.2	17.22	198.5	17.51	198.5	17.35	198.5	17.25	198.5	17.13
	25.0	23.0	211.7	16.58	211.7	16.90	211.7	17.39	211.0	17.35	210.4	17.30	208.8	17.12	205.5	17.00	201.1	16.83
	30.0	28.0	223.6	17.28	223.6	17.35	223.6	17.46	222.9	17.28	222.2	17.10	214.7	16.90	204.2	16.74	190.2	16.54
	35.0	32.0	235.5	17.69	235.5	17.56	235.5	17.36	232.1	17.13	228.6	16.90	216.7	16.68	203.5	16.49	185.9	16.24
	40.0	36.0	248.4	17.84	247.4	17.61	245.9	17.27	237.9	16.98	230.0	16.70	216.7	16.45	203.5	16.24	185.9	15.95
	45.0	41.0	252.1	17.95	250.3	17.63	247.7	17.15	238.8	16.82	230.0	16.49	216.7	16.22	203.5	15.98	185.9	15.66
	47.0	43.0	252.1	17.83	250.3	17.52	247.7	17.04	238.8	16.71	**230.0**	**16.39**	216.7	16.12	203.5	15.88	185.9	15.56
	50.0	46.0	252.1	17.74	250.3	17.43	247.7	16.95	238.8	16.63	230.0	16.30	216.7	16.04	203.5	15.80	185.9	15.47
	55.0	51.0	252.1	17.66	250.3	17.35	247.7	16.88	238.8	16.56	230.0	16.23	216.7	15.97	203.5	15.73	185.9	15.41
	60.0	56.0	252.1	17.56	250.3	17.25	247.7	16.78	238.8	16.46	230.0	16.14	216.7	15.87	203.5	15.63	185.9	15.32
110	-12.6	-13.0	121.4	13.80	121.4	14.02	121.4	14.34	121.0	14.62	120.7	14.90	120.7	15.21	120.7	15.52	120.7	15.93
	-7.0	-7.6	134.2	14.29	134.2	14.50	134.2	14.82	133.8	15.11	133.4	15.39	133.4	15.69	133.4	16.00	133.4	16.41
	-4.0	-4.4	141.9	14.58	141.9	14.79	141.9	15.11	141.4	15.40	141.0	15.68	141.0	15.98	141.0	16.29	141.0	16.70
	0.0	-0.4	151.3	14.93	151.3	15.15	151.3	15.47	150.9	15.75	150.4	16.04	150.4	16.34	150.4	16.65	150.4	17.06
	5.0	4.5	163.2	15.38	163.2	15.60	163.2	15.92	162.7	16.20	162.2	16.48	162.2	16.79	162.2	17.10	162.2	17.51
	10.0	9.0	175.0	15.83	175.0	16.04	175.0	16.37	174.5	16.65	173.9	16.93	173.9	17.24	173.9	17.54	173.9	17.96
	15.0	14.0	186.6	16.27	186.6	16.48	186.6	16.81	186.0	17.09	185.5	17.37	185.5	17.41	185.5	17.15	185.5	16.81
	20.0	19.0	198.7	16.72	198.7	16.94	198.7	17.26	198.1	17.29	197.5	17.31	192.6	17.05	184.0	16.77	172.6	16.39
	25.0	23.0	210.5	17.38	210.5	17.39	210.5	17.40	208.1	17.19	205.6	16.98	194.4	16.70	183.4	16.39	168.7	15.98
	30.0	28.0	222.4	17.46	222.4	17.30	222.4	17.06	214.5	16.86	206.5	16.66	194.4	16.34	183.4	16.01	168.7	15.57
	35.0	32.0	238.8	17.13	234.2	16.96	227.3	16.72	216.9	16.52	206.5	16.33	194.4	15.99	183.4	15.64	168.7	15.16
	40.0	36.0	249.1	16.79	240.5	16.63	227.5	16.38	217.0	16.19	206.5	16.00	194.4	15.63	183.4	15.26	168.7	14.76
	45.0	41.0	249.5	16.46	240.7	16.29	227.5	16.05	217.0	15.86	206.5	15.68	194.4	15.29	183.4	14.89	168.7	14.36
	47.0	43.0	249.5	16.35	240.7	16.19	227.5	15.95	217.0	15.76	**206.5**	**15.57**	194.4	15.19	183.4	14.79	168.7	14.27
	50.0	46.0	249.5	16.27	240.7	16.10	227.5	15.86	217.0	15.68	206.5	15.49	194.4	15.11	183.4	14.72	168.7	14.19
	55.0	51.0	249.5	16.20	240.7	16.04	227.5	15.79	217.0	15.61	206.5	15.43	194.4	15.05	183.4	14.65	168.7	14.13
	60.0	56.0	249.5	16.10	240.7	15.94	227.5	15.70	217.0	15.52	206.5	15.34	194.4	14.96	183.4	14.57	168.7	14.05

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.
Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.
Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Heating Capacity ARUN168BTE4, ARUN168DTE4 / ARUB168BTE4, ARUB168DTE4

168,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
100	-12.6	-13.0	120.9	16.75	120.9	15.92	120.9	14.66	120.5	14.89	120.2	15.11	120.2	15.55	120.2	15.81	120.2	16.15
	-7.0	-7.6	133.7	17.23	133.7	16.40	133.7	15.15	133.2	15.37	132.8	15.60	132.8	16.04	132.8	16.29	132.8	16.63
	-4.0	-4.4	141.3	17.52	141.3	16.69	141.3	15.44	140.8	15.66	140.4	15.89	140.4	16.33	140.4	16.58	140.4	16.92
	0.0	-0.4	150.5	17.88	150.2	17.05	149.8	15.79	149.6	16.02	149.4	16.24	149.4	16.69	149.4	16.94	149.4	17.28
	5.0	4.5	162.0	18.33	162.0	17.49	162.0	16.24	161.6	16.47	161.1	16.69	161.1	17.13	161.1	17.39	161.1	17.73
	10.0	9.0	174.6	18.78	174.1	17.94	173.4	16.69	173.3	16.91	173.2	17.14	171.8	17.37	168.7	17.17	164.6	16.91
	15.0	14.0	185.6	19.22	185.6	18.38	185.6	17.13	185.1	17.14	184.7	17.15	177.9	16.91	167.5	16.57	153.6	16.11
	20.0	19.0	201.7	19.77	201.0	18.84	199.9	17.45	194.4	17.06	189.0	16.67	177.9	16.33	167.5	15.97	153.6	15.50
	25.0	23.0	214.6	20.09	211.6	18.80	207.0	16.87	198.0	16.54	189.0	16.21	177.9	15.77	167.5	15.39	153.6	14.89
	30.0	28.0	224.9	19.08	218.0	18.03	207.7	16.47	198.4	16.10	189.0	15.74	177.9	15.20	167.5	14.81	153.6	14.29
	35.0	32.0	228.6	18.07	220.2	17.27	207.7	16.07	198.4	15.67	189.0	15.27	177.9	14.64	167.5	14.23	153.6	13.69
	40.0	**36.0**	228.6	17.06	220.2	16.50	207.7	15.67	198.4	15.24	189.0	14.81	177.9	14.08	167.5	13.65	153.6	13.09
	45.0	41.0	228.6	16.10	220.2	15.77	207.7	15.28	198.4	14.82	189.0	14.36	177.9	13.54	167.5	13.10	153.6	12.52
	47.0	43.0	228.6	16.00	220.2	15.67	207.7	15.18	198.4	14.72	**189.0**	**14.27**	177.9	13.45	167.5	13.02	153.6	12.44
	50.0	46.0	228.6	15.92	220.2	15.59	207.7	15.10	198.4	14.65	189.0	14.20	177.9	13.38	167.5	12.95	153.6	12.37
	55.0	51.0	228.6	15.85	220.2	15.52	207.7	15.04	198.4	14.59	189.0	14.13	177.9	13.32	167.5	12.89	153.6	12.32
	60.0	56.0	228.6	15.76	220.2	15.43	207.7	14.95	198.4	14.50	189.0	14.05	177.9	13.24	167.5	12.82	153.6	12.25
90	-12.6	-13.0	120.4	13.59	120.4	13.75	120.4	13.99	120.0	14.26	119.7	14.53	119.7	15.02	119.7	15.42	119.7	15.96
	-7.0	-7.6	133.1	14.07	133.1	14.24	133.1	14.48	132.7	14.74	132.3	15.01	132.3	15.50	132.3	15.91	132.3	16.44
	-4.0	-4.4	140.7	14.36	140.7	14.53	140.7	14.77	140.3	15.03	139.8	15.30	139.8	15.79	139.8	16.20	139.8	16.73
	0.0	-0.4	150.5	14.72	150.2	14.88	149.8	15.13	149.5	15.39	149.2	15.66	149.2	16.15	149.2	16.55	149.2	17.09
	5.0	4.5	162.0	15.17	162.0	15.33	162.0	15.57	161.4	15.84	160.8	16.10	158.5	16.36	153.4	16.26	146.7	16.13
	10.0	9.0	174.6	15.62	174.1	15.78	173.4	16.02	172.5	16.29	171.6	16.55	162.7	16.11	153.0	15.62	140.1	14.96
	15.0	14.0	185.6	16.06	185.6	16.22	185.6	16.46	179.3	16.33	173.1	16.20	162.9	15.60	153.0	15.09	139.7	14.41
	20.0	19.0	206.6	16.74	199.9	16.57	189.8	16.31	181.4	15.99	173.1	15.67	162.9	15.06	153.0	14.54	139.7	13.84
	25.0	23.0	209.6	16.33	201.7	16.13	189.8	15.84	181.4	15.50	173.1	15.16	162.9	14.54	153.0	14.00	139.7	13.27
	30.0	28.0	209.6	15.92	201.7	15.70	189.8	15.37	181.4	15.01	173.1	14.65	162.9	14.01	153.0	13.45	139.7	12.71
	35.0	32.0	209.6	15.52	201.7	15.27	189.8	14.89	181.4	14.51	173.1	14.13	162.9	13.49	153.0	12.91	139.7	12.14
	40.0	36.0	209.6	15.11	201.7	14.83	189.8	14.42	181.4	14.02	173.1	13.62	162.9	12.96	153.0	12.37	139.7	11.58
	45.0	41.0	209.6	14.71	201.7	14.42	189.8	13.97	181.4	13.55	173.1	13.13	162.9	12.46	153.0	11.85	139.7	11.05
	47.0	43.0	209.6	14.62	201.7	14.32	189.8	13.88	181.4	13.46	**173.1**	**13.05**	162.9	12.38	153.0	11.78	139.7	10.98
	50.0	46.0	209.6	14.54	201.7	14.25	189.8	13.81	181.4	13.39	173.1	12.98	162.9	12.32	153.0	11.72	139.7	10.92
	55.0	51.0	209.6	14.48	201.7	14.19	189.8	13.75	181.4	13.34	173.1	12.92	162.9	12.26	153.0	11.67	139.7	10.87
	60.0	56.0	209.6	14.39	201.7	14.10	189.8	13.67	181.4	13.26	173.1	12.85	162.9	12.19	153.0	11.60	139.7	10.81
80	-12.6	-13.0	119.9	11.97	119.9	12.11	119.9	12.32	119.6	12.63	119.2	12.95	119.2	13.62	119.2	14.02	119.2	14.56
	-7.0	-7.6	132.6	12.45	132.6	12.59	132.6	12.80	132.1	13.12	131.7	13.43	131.7	14.08	131.7	14.42	131.7	14.87
	-4.0	-4.4	140.1	12.74	140.1	12.88	140.1	13.09	139.7	13.41	139.3	13.72	138.9	14.35	138.1	14.65	137.0	15.06
	0.0	-0.4	149.8	13.10	149.8	13.24	149.8	13.45	149.3	13.77	148.9	14.08	143.8	14.56	137.3	14.56	128.7	14.55
	5.0	4.5	162.3	13.55	162.3	13.69	162.3	13.90	158.4	14.21	154.4	14.53	145.4	14.31	136.7	13.99	125.2	13.58
	10.0	9.0	178.3	14.00	174.9	14.14	169.8	14.35	162.4	14.41	155.0	14.48	145.4	13.83	136.7	13.51	125.2	13.08
	15.0	14.0	187.5	14.50	180.6	14.58	170.2	14.69	162.6	14.34	155.0	14.00	145.4	13.37	136.7	13.03	125.2	12.59
	20.0	19.0	187.5	14.60	180.6	14.45	170.2	14.22	162.6	13.86	155.0	13.50	145.4	12.88	136.7	12.54	125.2	12.07
	25.0	23.0	187.5	14.18	180.6	14.01	170.2	13.75	162.6	13.38	155.0	13.01	145.4	12.41	136.7	12.05	125.2	11.57
	30.0	28.0	187.5	13.76	180.6	13.57	170.2	13.29	162.6	12.91	155.0	12.53	145.4	11.93	136.7	11.56	125.2	11.07
	35.0	32.0	187.5	13.34	180.6	13.13	170.2	12.83	162.6	12.43	155.0	12.04	145.4	11.46	136.7	11.08	125.2	10.57
	40.0	36.0	187.5	12.92	180.6	12.70	170.2	12.36	162.6	11.96	155.0	11.55	145.4	10.99	136.7	10.59	125.2	10.07
	45.0	41.0	187.5	12.52	180.6	12.28	170.2	11.92	162.6	11.51	155.0	11.09	145.4	10.54	136.7	10.13	125.2	9.59
	47.0	43.0	187.5	12.44	180.6	12.20	170.2	11.84	162.6	11.43	**155.0**	**11.02**	145.4	10.47	136.7	10.07	125.2	9.53
	50.0	46.0	187.5	12.37	180.6	12.14	170.2	11.78	162.6	11.37	155.0	10.96	145.4	10.41	136.7	10.01	125.2	9.48
	55.0	51.0	187.5	12.32	180.6	12.08	170.2	11.73	162.6	11.32	155.0	10.91	145.4	10.37	136.7	9.97	125.2	9.44
	60.0	56.0	187.5	12.25	180.6	12.01	170.2	11.66	162.6	11.26	155.0	10.85	145.4	10.31	136.7	9.91	125.2	9.39

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.
Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.
Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

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PERFORMANCE DATA

ARUN168BTE4, ARUN168DTE4 / ARUB168BTE4, ARUB168DTE4 Heating Capacity

168,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
70	-12.6	-13.0	119.9	11.42	119.9	11.63	119.9	11.95	119.6	12.34	119.2	12.72	119.1	13.38	118.9	13.77	118.6	14.30
	-7.0	-7.6	132.6	11.90	132.6	12.12	132.6	12.44	132.0	12.85	131.4	13.27	124.2	13.81	117.0	14.06	107.5	14.38
	-4.0	-4.4	140.1	12.19	140.1	12.41	140.1	12.73	135.8	13.16	131.4	13.60	124.2	14.07	117.0	14.22	107.5	14.43
	0.0	-0.4	152.0	12.55	149.1	12.76	144.6	13.09	138.0	13.55	131.4	14.01	124.2	13.92	117.0	13.74	107.5	13.49
	5.0	4.5	158.8	13.00	153.1	13.21	144.6	13.53	138.0	13.70	131.4	13.87	124.2	13.37	117.0	13.15	107.5	12.87
	10.0	9.0	158.8	13.44	153.1	13.66	144.6	13.98	138.0	13.65	131.4	13.31	124.2	12.81	117.0	12.57	107.5	12.24
	15.0	14.0	158.8	14.26	153.1	13.99	144.6	13.59	138.0	13.18	131.4	12.77	124.2	12.27	117.0	12.00	107.5	11.63
	20.0	19.0	158.8	13.70	153.1	13.43	144.6	13.02	138.0	12.61	131.4	12.21	124.2	11.71	117.0	11.40	107.5	10.99
	25.0	23.0	158.8	13.15	153.1	12.87	144.6	12.46	138.0	12.06	131.4	11.65	124.2	11.15	117.0	10.81	107.5	10.36
	30.0	28.0	158.8	12.60	153.1	12.32	144.6	11.90	138.0	11.50	131.4	11.10	124.2	10.60	117.0	10.23	107.5	9.74
	35.0	32.0	158.8	12.05	153.1	11.77	144.6	11.35	138.0	10.95	131.4	10.54	124.2	10.04	117.0	9.65	107.5	9.11
	40.0	36.0	158.8	11.50	153.1	11.21	144.6	10.79	138.0	10.39	131.4	9.99	124.2	9.49	117.0	9.06	107.5	8.49
	45.0	41.0	158.8	10.98	153.1	10.69	144.6	10.26	138.0	9.87	131.4	9.47	124.2	8.97	117.0	8.51	107.5	7.90
	47.0	43.0	158.8	10.91	153.1	10.62	144.6	10.20	138.0	9.80	**131.4**	**9.41**	124.2	8.91	117.0	8.46	107.5	7.85
	50.0	46.0	158.8	10.85	153.1	10.57	144.6	10.14	138.0	9.75	131.4	9.36	124.2	8.87	117.0	8.41	107.5	7.81
	55.0	51.0	158.8	10.80	153.1	10.52	144.6	10.10	138.0	9.71	131.4	9.32	124.2	8.83	117.0	8.38	107.5	7.78
	60.0	56.0	158.8	10.74	153.1	10.46	144.6	10.04	138.0	9.65	131.4	9.26	124.2	8.78	117.0	8.33	107.5	7.73
60	-12.6	-13.0	117.3	11.17	117.3	11.37	117.3	11.68	115.0	12.07	112.7	12.46	106.1	13.10	100.3	13.49	92.5	14.01
	-7.0	-7.6	126.7	11.65	125.8	11.85	124.4	12.16	118.6	12.57	112.7	12.98	106.1	13.27	100.3	13.54	92.5	13.90
	-4.0	-4.4	135.1	11.94	130.8	12.14	124.4	12.45	118.6	12.86	112.7	13.27	106.1	13.30	100.3	13.00	92.5	12.61
	0.0	-0.4	136.0	12.30	131.4	12.50	124.4	12.81	118.6	13.03	112.7	13.26	106.1	12.87	100.3	12.50	92.5	12.02
	5.0	4.5	136.0	12.75	131.4	12.95	124.4	13.26	118.6	12.97	112.7	12.68	106.1	12.28	100.3	11.90	92.5	11.40
	10.0	9.0	136.0	13.57	131.4	13.40	124.4	13.14	118.6	12.63	112.7	12.11	106.1	11.69	100.3	11.30	92.5	10.79
	15.0	14.0	136.0	13.27	131.4	12.98	124.4	12.54	118.6	12.04	112.7	11.55	106.1	11.11	100.3	10.71	92.5	10.19
	20.0	19.0	136.0	12.69	131.4	12.38	124.4	11.91	118.6	11.44	112.7	10.97	106.1	10.51	100.3	10.10	92.5	9.56
	25.0	23.0	136.0	12.13	131.4	11.80	124.4	11.30	118.6	10.85	112.7	10.39	106.1	9.92	100.3	9.50	92.5	8.95
	30.0	28.0	136.0	11.56	131.4	11.21	124.4	10.69	118.6	10.25	112.7	9.82	106.1	9.33	100.3	8.90	92.5	8.33
	35.0	32.0	136.0	10.99	131.4	10.62	124.4	10.07	118.6	9.66	112.7	9.25	106.1	8.74	100.3	8.30	92.5	7.72
	40.0	36.0	136.0	10.42	131.4	10.04	124.4	9.46	118.6	9.07	112.7	8.68	106.1	8.15	100.3	7.70	92.5	7.10
	45.0	41.0	136.0	9.88	131.4	9.48	124.4	8.88	118.6	8.51	112.7	8.14	106.1	7.60	100.3	7.14	92.5	6.53
	47.0	43.0	136.0	9.82	131.4	9.42	124.4	8.83	118.6	8.46	**112.7**	**8.09**	106.1	7.55	100.3	7.09	92.5	6.49
	50.0	46.0	136.0	9.77	131.4	9.37	124.4	8.78	118.6	8.41	112.7	8.05	106.1	7.51	100.3	7.06	92.5	6.45
	55.0	51.0	136.0	9.73	131.4	9.33	124.4	8.74	118.6	8.38	112.7	8.01	106.1	7.47	100.3	7.03	92.5	6.43
	60.0	56.0	136.0	9.67	131.4	9.28	124.4	8.69	118.6	8.33	112.7	7.96	106.1	7.43	100.3	6.98	92.5	6.39
50	-12.6	-13.0	113.8	10.12	109.6	10.45	103.4	10.93	98.7	11.34	94.1	11.75	88.5	12.04	83.4	12.31	76.4	12.66
	-7.0	-7.6	113.8	10.61	109.6	10.93	103.4	11.41	98.7	11.66	94.1	11.91	88.5	12.00	83.4	11.51	76.4	10.85
	-4.0	-4.4	113.8	10.90	109.6	11.22	103.4	11.70	98.7	11.95	94.1	12.20	88.5	11.64	83.4	11.15	76.4	10.50
	0.0	-0.4	113.8	11.25	109.6	11.58	103.4	12.06	98.7	11.93	94.1	11.81	88.5	11.19	83.4	10.72	76.4	10.08
	5.0	4.5	113.8	12.13	109.6	12.02	103.4	11.87	98.7	11.54	94.1	11.22	88.5	10.63	83.4	10.17	76.4	9.55
	10.0	9.0	113.8	12.33	109.6	11.91	103.4	11.28	98.7	10.95	94.1	10.63	88.5	10.07	83.4	9.62	76.4	9.02
	15.0	14.0	113.8	11.71	109.6	11.31	103.4	10.70	98.7	10.38	94.1	10.05	88.5	9.52	83.4	9.09	76.4	8.51
	20.0	19.0	113.8	11.07	109.6	10.68	103.4	10.09	98.7	9.77	94.1	9.46	88.5	8.95	83.4	8.53	76.4	7.97
	25.0	23.0	113.8	10.45	109.6	10.07	103.4	9.50	98.7	9.18	94.1	8.87	88.5	8.39	83.4	7.98	76.4	7.44
	30.0	28.0	113.8	9.82	109.6	9.45	103.4	8.90	98.7	8.59	94.1	8.28	88.5	7.83	83.4	7.44	76.4	6.91
	35.0	32.0	113.8	9.19	109.6	8.84	103.4	8.31	98.7	8.00	94.1	7.69	88.5	7.27	83.4	6.89	76.4	6.38
	40.0	36.0	113.8	8.56	109.6	8.23	103.4	7.72	98.7	7.41	94.1	7.10	88.5	6.71	83.4	6.34	76.4	5.85
	45.0	41.0	113.8	7.98	109.6	7.65	103.4	7.16	98.7	6.86	94.1	6.55	88.5	6.19	83.4	5.83	76.4	5.36
	47.0	43.0	113.8	7.92	109.6	7.60	103.4	7.12	98.7	6.81	**94.1**	**6.51**	88.5	6.15	83.4	5.79	76.4	5.32
	50.0	46.0	113.8	7.88	109.6	7.56	103.4	7.08	98.7	6.78	94.1	6.48	88.5	6.11	83.4	5.76	76.4	5.30
	55.0	51.0	113.8	7.85	109.6	7.53	103.4	7.05	98.7	6.75	94.1	6.45	88.5	6.09	83.4	5.74	76.4	5.27
	60.0	56.0	113.8	7.80	109.6	7.48	103.4	7.01	98.7	6.71	94.1	6.41	88.5	6.05	83.4	5.70	76.4	5.24

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.
Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.
Nominal heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Heating Capacity ARUN192BTE4, ARUN192DTE4 / ARUB192BTE4, ARUB192DTE4

192,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
130	-12.6	-13.0	153.4	10.61	153.4	11.25	153.4	12.21	152.9	13.02	152.4	13.83	152.0	14.65	151.2	15.06	150.2	15.59
	-7.0	-7.6	166.0	11.58	166.0	12.21	166.0	13.18	165.5	13.98	165.0	14.79	164.6	15.62	163.7	16.02	162.6	16.56
	-4.0	-4.4	173.6	12.15	173.6	12.79	173.6	13.76	173.1	14.56	172.5	15.37	172.1	16.19	171.2	16.60	170.1	17.13
	0.0	-0.4	183.0	12.87	183.0	13.51	183.0	14.48	182.4	15.27	181.8	16.08	181.3	16.91	180.4	17.31	179.2	17.85
	5.0	4.5	194.6	13.76	194.6	14.40	194.6	15.37	194.1	16.17	193.4	16.97	192.9	17.81	191.9	18.20	190.6	18.74
	10.0	9.0	206.3	14.65	206.3	15.29	206.3	16.25	205.7	17.06	205.0	17.87	204.5	18.69	203.5	19.10	202.1	19.63
	15.0	14.0	217.8	15.52	217.8	16.17	217.8	17.13	217.1	17.94	216.4	18.74	215.9	19.56	214.8	19.97	213.3	20.50
	20.0	19.0	229.7	16.44	229.7	17.08	229.7	18.04	229.0	18.85	228.2	19.65	227.7	19.95	226.6	19.64	225.0	19.21
	25.0	23.0	241.4	17.33	241.4	17.97	241.4	18.93	240.6	19.42	239.9	19.92	239.3	19.27	238.1	18.93	236.5	18.47
	30.0	28.0	253.1	18.22	253.1	18.87	253.1	19.83	252.3	19.54	251.5	19.24	250.3	18.57	247.5	18.22	244.0	17.74
	35.0	32.0	264.9	19.77	264.9	19.75	264.9	19.75	263.9	19.16	263.1	18.57	258.7	17.89	249.4	17.51	237.1	17.00
	40.0	36.0	276.5	20.22	276.5	19.74	276.5	19.01	275.6	18.44	274.7	17.89	262.9	17.20	247.9	16.80	227.7	16.26
	45.0	41.0	286.7	19.27	286.7	18.86	286.7	18.26	283.5	17.73	280.3	17.21	263.3	16.50	247.7	16.08	227.0	15.53
	47.0	43.0	287.8	18.91	287.8	18.52	287.8	17.92	284.0	17.41	**280.3**	**16.90**	263.3	16.21	247.7	15.79	227.0	15.25
	50.0	46.0	288.5	18.47	288.5	18.08	288.5	17.50	284.3	17.00	280.3	16.50	263.3	15.82	247.7	15.42	227.0	14.89
	55.0	51.0	288.5	17.79	288.5	17.42	288.5	16.86	284.3	16.37	280.3	15.89	263.3	15.24	247.7	14.85	227.0	14.33
	60.0	56.0	288.5	17.05	288.5	16.69	288.5	16.16	284.3	15.68	280.3	15.22	263.3	14.60	247.7	14.23	227.0	13.74
120	-12.6	-13.0	152.3	11.58	152.3	12.21	152.3	13.18	151.8	13.50	151.3	13.83	150.9	15.08	150.2	15.34	149.1	15.70
	-7.0	-7.6	164.8	12.54	164.8	13.18	164.8	14.15	164.4	14.46	163.8	14.79	163.4	16.04	162.6	16.31	161.5	16.66
	-4.0	-4.4	172.3	13.12	172.3	13.76	172.3	14.73	171.8	15.04	171.3	15.37	170.9	16.62	170.0	16.88	168.8	17.24
	0.0	-0.4	181.7	13.83	181.7	14.48	181.7	15.44	181.1	15.75	180.5	16.08	180.1	17.33	179.2	17.60	178.0	17.95
	5.0	4.5	193.3	14.73	193.3	15.37	193.3	16.33	192.7	16.65	192.0	16.97	191.6	18.22	190.6	18.49	189.3	18.85
	10.0	9.0	204.9	15.62	204.9	16.25	204.9	17.22	204.2	17.54	203.6	17.87	203.1	19.12	202.1	19.38	200.7	19.74
	15.0	14.0	216.3	16.49	216.3	17.13	216.3	18.10	215.5	18.42	214.9	18.74	214.4	19.99	213.3	20.25	211.9	20.62
	20.0	19.0	228.1	17.40	228.1	18.04	228.1	19.00	227.4	19.56	226.6	20.11	226.1	19.66	225.0	19.46	223.4	19.18
	25.0	23.0	239.7	18.29	239.7	18.93	239.7	19.90	239.0	19.66	238.2	19.41	236.8	19.01	233.8	18.79	229.9	18.51
	30.0	28.0	251.3	19.95	251.3	19.83	251.3	19.65	250.6	19.19	249.8	18.72	244.5	18.34	233.7	18.13	219.5	17.83
	35.0	32.0	262.9	20.14	262.9	19.63	262.9	18.87	261.0	18.45	259.1	18.03	247.5	17.69	232.6	17.46	212.9	17.16
	40.0	36.0	274.5	19.11	274.5	18.70	274.5	18.09	268.7	17.72	262.9	17.34	247.7	17.03	232.5	16.80	212.5	16.48
	45.0	41.0	285.5	18.11	284.6	17.79	283.1	17.31	273.0	16.98	262.9	16.64	247.7	16.37	232.5	16.13	212.5	15.80
	47.0	43.0	287.1	17.78	285.5	17.47	283.1	16.99	273.0	16.67	**262.9**	**16.34**	247.7	16.07	232.5	15.84	212.5	15.51
	50.0	46.0	288.1	17.36	286.1	17.05	283.1	16.59	273.0	16.27	262.9	15.95	247.7	15.69	232.5	15.46	212.5	15.15
	55.0	51.0	288.1	16.72	286.1	16.42	283.1	15.98	273.0	15.67	262.9	15.36	247.7	15.12	232.5	14.89	212.5	14.59
	60.0	56.0	288.1	16.02	286.1	15.74	283.1	15.31	273.0	15.02	262.9	14.73	247.7	14.49	232.5	14.27	212.5	13.98
110	-12.6	-13.0	151.5	12.75	151.5	13.18	151.5	13.83	151.0	14.39	150.5	14.95	150.1	15.56	149.4	16.17	148.3	17.00
	-7.0	-7.6	163.9	13.71	163.9	14.15	163.9	14.79	163.4	15.35	162.9	15.91	162.5	16.52	161.7	17.14	160.5	17.96
	-4.0	-4.4	171.4	14.29	171.4	14.73	171.4	15.37	170.9	15.93	170.4	16.49	170.0	17.10	169.1	17.71	167.9	18.54
	0.0	-0.4	180.6	15.00	180.6	15.44	180.6	16.08	180.1	16.64	179.5	17.21	179.1	17.81	178.2	18.43	177.0	19.25
	5.0	4.5	192.2	15.90	192.2	16.33	192.2	16.97	191.6	17.54	191.0	18.10	190.8	18.71	190.4	19.33	189.8	20.14
	10.0	9.0	203.8	16.79	203.8	17.22	203.8	17.87	203.1	18.43	202.5	18.99	202.5	19.60	202.5	20.21	202.5	21.04
	15.0	14.0	215.0	17.67	215.0	18.10	215.0	18.74	214.4	19.31	213.7	19.87	213.4	19.95	212.7	19.44	211.9	18.76
	20.0	19.0	226.9	18.58	226.9	19.00	226.9	19.65	226.1	19.66	225.5	19.68	220.2	19.18	210.4	18.69	197.3	18.03
	25.0	23.0	238.4	19.95	238.4	19.90	238.4	19.82	236.4	19.37	234.4	18.90	222.2	18.43	209.6	17.96	192.8	17.33
	30.0	28.0	249.9	19.88	249.9	19.49	249.9	18.91	243.0	18.52	236.0	18.13	222.2	17.68	209.6	17.23	192.8	16.62
	35.0	32.0	264.1	18.78	261.5	18.47	257.6	18.00	246.8	17.68	236.0	17.36	222.2	16.92	209.6	16.49	192.8	15.90
	40.0	36.0	280.4	17.68	272.2	17.44	260.0	17.09	248.0	16.84	236.0	16.58	222.2	16.18	209.6	15.76	192.8	15.19
	45.0	41.0	285.1	16.61	275.0	16.44	260.0	16.19	248.0	16.01	236.0	15.82	222.2	15.43	209.6	15.03	192.8	14.49
	47.0	43.0	285.1	16.30	275.0	16.14	260.0	15.90	248.0	15.71	**236.0**	**15.53**	222.2	15.14	209.6	14.75	192.8	14.23
	50.0	46.0	285.1	15.92	275.0	15.76	260.0	15.52	248.0	15.35	236.0	15.17	222.2	14.79	209.6	14.40	192.8	13.89
	55.0	51.0	285.1	15.33	275.0	15.18	260.0	14.95	248.0	14.78	236.0	14.60	222.2	14.24	209.6	13.87	192.8	13.38
	60.0	56.0	285.1	14.70	275.0	14.55	260.0	14.33	248.0	14.16	236.0	14.00	222.2	13.65	209.6	13.29	192.8	12.82

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.
Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.
Nominal heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

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PERFORMANCE DATA

ARUN192BTE4, ARUN192DTE4 / ARUB192BTE4, ARUB192DTE4 Heating Capacity

192,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
100	-12.6	-13.0	150.9	11.96	150.9	12.96	150.9	14.46	150.4	14.92	149.9	15.37	149.5	16.25	148.8	16.75	147.7	17.43
	-7.0	-7.6	163.3	12.92	163.3	13.93	163.3	15.43	162.8	15.88	162.3	16.33	161.9	17.21	161.0	17.72	159.9	18.39
	-4.0	-4.4	170.7	13.50	170.7	14.50	170.7	16.00	170.2	16.46	169.6	16.91	169.2	17.79	168.4	18.29	167.2	18.98
	0.0	-0.4	179.7	14.22	179.3	15.23	178.8	16.72	178.5	17.17	178.2	17.62	177.8	18.50	176.9	19.01	175.7	19.69
	5.0	4.5	190.8	15.11	190.8	16.11	190.8	17.62	190.3	18.06	189.8	18.52	189.3	19.39	188.4	19.90	187.1	20.58
	10.0	9.0	203.3	16.00	202.7	17.00	201.9	18.50	201.7	18.96	201.7	19.41	198.9	19.92	192.9	19.62	185.0	19.23
	15.0	14.0	213.9	16.88	213.9	17.88	213.9	19.38	213.4	19.44	212.8	19.50	203.3	19.18	191.4	18.66	175.5	17.99
	20.0	19.0	230.6	17.98	229.7	18.79	228.5	20.00	222.2	19.33	216.0	18.64	203.3	18.24	191.4	17.74	175.5	17.08
	25.0	23.0	245.3	19.17	241.8	19.02	236.6	18.79	226.3	18.30	216.0	17.82	203.3	17.32	191.4	16.84	175.5	16.18
	30.0	28.0	257.0	18.44	249.1	18.24	237.4	17.94	226.7	17.46	216.0	16.98	203.3	16.40	191.4	15.92	175.5	15.29
	35.0	32.0	261.3	17.71	251.7	17.46	237.4	17.09	226.7	16.62	216.0	16.15	203.3	15.48	191.4	15.02	175.5	14.40
	40.0	36.0	261.3	16.98	251.7	16.69	237.4	16.25	226.7	15.78	216.0	15.31	203.3	14.56	191.4	14.10	175.5	13.50
	45.0	41.0	261.3	16.25	251.7	15.91	237.4	15.42	226.7	14.95	216.0	14.50	203.3	13.66	191.4	13.22	175.5	12.63
	47.0	43.0	261.3	15.96	251.7	15.62	237.4	15.14	226.7	14.68	**216.0**	**14.23**	203.3	13.41	191.4	12.98	175.5	12.40
	50.0	46.0	261.3	15.58	251.7	15.26	237.4	14.78	226.7	14.34	216.0	13.89	203.3	13.10	191.4	12.67	175.5	12.10
	55.0	51.0	261.3	15.00	251.7	14.69	237.4	14.24	226.7	13.80	216.0	13.38	203.3	12.61	191.4	12.20	175.5	11.66
	60.0	56.0	261.3	14.38	251.7	14.08	237.4	13.64	226.7	13.23	216.0	12.82	203.3	12.09	191.4	11.70	175.5	11.18
90	-12.6	-13.0	150.2	13.09	150.2	13.42	150.2	13.90	149.8	14.43	149.3	14.96	148.9	15.94	148.2	16.75	147.2	17.82
	-7.0	-7.6	162.6	14.06	162.6	14.38	162.6	14.86	162.1	15.40	161.5	15.92	161.1	16.90	160.3	17.71	159.2	18.78
	-4.0	-4.4	170.1	14.63	170.1	14.96	170.1	15.44	169.5	15.97	169.0	16.50	168.6	17.48	167.7	18.29	166.6	19.36
	0.0	-0.4	179.7	15.36	179.3	15.67	178.8	16.15	178.4	16.69	178.1	17.21	177.0	18.21	174.6	19.00	171.5	20.08
	5.0	4.5	190.8	16.25	190.8	16.57	190.8	17.05	190.1	17.58	189.5	18.11	183.8	18.69	175.7	18.62	164.9	18.53
	10.0	9.0	203.3	17.13	202.7	17.46	201.9	17.94	199.5	18.47	197.1	19.00	186.2	18.36	174.9	17.63	159.7	16.66
	15.0	14.0	213.9	18.01	213.9	18.33	213.9	18.81	205.9	18.61	197.8	18.42	186.2	17.54	174.9	16.83	159.7	15.88
	20.0	19.0	236.2	19.35	228.5	19.03	216.8	18.55	207.4	18.04	197.8	17.55	186.2	16.70	174.9	16.00	159.7	15.08
	25.0	23.0	239.5	18.45	230.5	18.13	216.8	17.65	207.4	17.16	197.8	16.68	186.2	15.87	174.9	15.19	159.7	14.29
	30.0	28.0	239.5	17.54	230.5	17.23	216.8	16.76	207.4	16.28	197.8	15.82	186.2	15.04	174.9	14.38	159.7	13.50
	35.0	32.0	239.5	16.64	230.5	16.33	216.8	15.87	207.4	15.42	197.8	14.96	186.2	14.21	174.9	13.56	159.7	12.70
	40.0	36.0	239.5	15.73	230.5	15.43	216.8	14.97	207.4	14.54	197.8	14.09	186.2	13.38	174.9	12.76	159.7	11.92
	45.0	41.0	239.5	14.84	230.5	14.55	216.8	14.10	207.4	13.68	197.8	13.26	186.2	12.57	174.9	11.97	159.7	11.15
	47.0	43.0	239.5	14.57	230.5	14.28	216.8	13.84	207.4	13.43	**197.8**	**13.01**	186.2	12.34	174.9	11.74	159.7	10.94
	50.0	46.0	239.5	14.23	230.5	13.94	216.8	13.51	207.4	13.11	197.8	12.70	186.2	12.05	174.9	11.47	159.7	10.69
	55.0	51.0	239.5	13.71	230.5	13.42	216.8	13.01	207.4	12.62	197.8	12.24	186.2	11.61	174.9	11.05	159.7	10.29
	60.0	56.0	239.5	13.13	230.5	12.87	216.8	12.47	207.4	12.10	197.8	11.73	186.2	11.12	174.9	10.58	159.7	9.87
80	-12.6	-13.0	149.6	11.46	149.6	11.73	149.6	12.15	149.1	12.77	148.7	13.40	148.4	14.75	147.6	15.54	146.6	16.62
	-7.0	-7.6	162.0	12.42	162.0	12.69	162.0	13.11	161.4	13.74	160.9	14.37	159.9	15.65	157.9	16.33	155.1	17.24
	-4.0	-4.4	169.3	13.00	169.3	13.27	169.3	13.69	168.8	14.32	168.3	14.94	164.5	16.19	156.8	16.81	146.3	17.62
	0.0	-0.4	178.4	13.71	178.4	13.98	178.4	14.41	176.8	15.04	175.1	15.66	166.1	16.66	156.3	16.72	143.1	16.82
	5.0	4.5	189.5	14.60	189.5	14.88	189.5	15.29	183.3	15.92	177.1	16.56	166.1	16.32	156.3	15.88	143.1	15.29
	10.0	9.0	205.6	15.50	201.2	15.77	194.5	16.19	185.8	16.38	177.1	16.56	166.1	15.61	156.3	15.16	143.1	14.58
	15.0	14.0	214.3	16.50	206.4	16.65	194.5	16.89	185.8	16.35	177.1	15.81	166.1	14.91	156.3	14.47	143.1	13.89
	20.0	19.0	214.3	16.69	206.4	16.43	194.5	16.05	185.8	15.54	177.1	15.01	166.1	14.18	156.3	13.75	143.1	13.18
	25.0	23.0	214.3	15.87	206.4	15.62	194.5	15.25	185.8	14.75	177.1	14.25	166.1	13.47	156.3	13.04	143.1	12.47
	30.0	28.0	214.3	15.05	206.4	14.81	194.5	14.44	185.8	13.96	177.1	13.48	166.1	12.76	156.3	12.33	143.1	11.77
	35.0	32.0	214.3	14.24	206.4	14.00	194.5	13.63	185.8	13.17	177.1	12.71	166.1	12.04	156.3	11.63	143.1	11.07
	40.0	36.0	214.3	13.42	206.4	13.18	194.5	12.82	185.8	12.38	177.1	11.94	166.1	11.33	156.3	10.91	143.1	10.36
	45.0	41.0	214.3	12.63	206.4	12.39	194.5	12.03	185.8	11.61	177.1	11.19	166.1	10.63	156.3	10.23	143.1	9.68
	47.0	43.0	214.3	12.40	206.4	12.16	194.5	11.81	185.8	11.40	**177.1**	**10.99**	166.1	10.44	156.3	10.04	143.1	9.50
	50.0	46.0	214.3	12.10	206.4	11.87	194.5	11.53	185.8	11.13	177.1	10.72	166.1	10.20	156.3	9.80	143.1	9.28
	55.0	51.0	214.3	11.66	206.4	11.44	194.5	11.11	185.8	10.71	177.1	10.33	166.1	9.82	156.3	9.44	143.1	8.94
	60.0	56.0	214.3	11.18	206.4	10.96	194.5	10.64	185.8	10.27	177.1	9.90	166.1	9.41	156.3	9.05	143.1	8.57

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.
Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.
Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Heating Capacity ARUN192BTE4, ARUN192DTE4 / ARUB192BTE4, ARUB192DTE4

192,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
70	-12.6	-13.0	149.6	10.93	149.6	11.36	149.6	12.00	148.8	12.70	148.1	13.40	141.7	14.74	133.8	15.54	123.4	16.63
	-7.0	-7.6	156.5	11.89	156.5	12.32	156.5	12.97	153.3	13.73	150.1	14.50	141.9	15.59	133.8	16.08	122.9	16.72
	-4.0	-4.4	160.5	12.47	160.5	12.90	160.5	13.54	155.3	14.34	150.1	15.15	141.9	16.10	133.8	16.40	122.9	16.79
	0.0	-0.4	167.1	13.18	165.6	13.62	163.5	14.26	156.8	15.11	150.1	15.96	141.9	15.96	133.8	15.72	122.9	15.39
	5.0	4.5	176.7	14.08	172.0	14.51	164.9	15.15	157.5	15.51	150.1	15.87	141.9	15.19	133.8	14.92	122.9	14.56
	10.0	9.0	181.6	14.97	175.0	15.40	165.3	16.04	157.7	15.56	150.1	15.08	141.9	14.42	133.8	14.13	122.9	13.73
	15.0	14.0	181.6	16.49	175.0	16.08	165.3	15.47	157.7	14.89	150.1	14.30	141.9	13.66	133.8	13.34	122.9	12.92
	20.0	19.0	181.6	15.57	175.0	15.18	165.3	14.60	157.7	14.05	150.1	13.50	141.9	12.88	133.8	12.53	122.9	12.08
	25.0	23.0	181.6	14.66	175.0	14.29	165.3	13.74	157.7	13.22	150.1	12.70	141.9	12.10	133.8	11.73	122.9	11.25
	30.0	28.0	181.6	13.76	175.0	13.41	165.3	12.89	157.7	12.40	150.1	11.90	141.9	11.33	133.8	10.94	122.9	10.42
	35.0	32.0	181.6	12.86	175.0	12.53	165.3	12.04	157.7	11.57	150.1	11.11	141.9	10.57	133.8	10.15	122.9	9.59
	40.0	36.0	181.6	11.95	175.0	11.64	165.3	11.18	157.7	10.75	150.1	10.32	141.9	9.79	133.8	9.35	122.9	8.77
	45.0	41.0	181.6	11.08	175.0	10.79	165.3	10.35	157.7	9.95	150.1	9.56	141.9	9.05	133.8	8.59	122.9	7.98
	47.0	43.0	181.6	10.88	175.0	10.60	165.3	10.17	157.7	9.78	**150.1**	**9.38**	141.9	8.89	133.8	8.44	122.9	7.83
	50.0	46.0	181.6	10.62	175.0	10.34	165.3	9.92	157.7	9.54	150.1	9.16	141.9	8.68	133.8	8.24	122.9	7.64
	55.0	51.0	181.6	10.23	175.0	9.96	165.3	9.56	157.7	9.19	150.1	8.82	141.9	8.35	133.8	7.93	122.9	7.36
	60.0	56.0	181.6	9.80	175.0	9.54	165.3	9.16	157.7	8.81	150.1	8.45	141.9	8.01	133.8	7.60	122.9	7.05
60	-12.6	-13.0	134.1	10.92	134.1	11.33	134.1	11.94	131.5	12.73	128.8	13.53	121.3	14.88	114.6	15.70	105.7	16.78
	-7.0	-7.6	144.8	11.88	143.7	12.30	142.1	12.90	135.5	13.72	128.8	14.54	121.3	15.11	114.6	15.65	105.7	16.36
	-4.0	-4.4	154.4	12.46	149.5	12.87	142.1	13.48	135.5	14.30	128.8	15.11	121.3	15.27	114.6	14.90	105.7	14.40
	0.0	-0.4	155.5	13.18	150.1	13.59	142.1	14.19	135.5	14.70	128.8	15.22	121.3	14.71	114.6	14.24	105.7	13.61
	5.0	4.5	155.5	14.07	150.1	14.48	142.1	15.09	135.5	14.76	128.8	14.44	121.3	13.92	114.6	13.45	105.7	12.83
	10.0	9.0	155.5	15.58	150.1	15.36	142.1	15.04	135.5	14.35	128.8	13.65	121.3	13.14	114.6	12.67	105.7	12.05
	15.0	14.0	155.5	15.18	150.1	14.78	142.1	14.18	135.5	13.53	128.8	12.89	121.3	12.37	114.6	11.90	105.7	11.27
	20.0	19.0	155.5	14.29	150.1	13.90	142.1	13.29	135.5	12.70	128.8	12.09	121.3	11.57	114.6	11.10	105.7	10.48
	25.0	23.0	155.5	13.43	150.1	13.03	142.1	12.42	135.5	11.86	128.8	11.31	121.3	10.78	114.6	10.31	105.7	9.69
	30.0	28.0	155.5	12.55	150.1	12.15	142.1	11.55	135.5	11.04	128.8	10.53	121.3	9.99	114.6	9.53	105.7	8.90
	35.0	32.0	155.5	11.69	150.1	11.28	142.1	10.68	135.5	10.21	128.8	9.74	121.3	9.20	114.6	8.74	105.7	8.12
	40.0	36.0	155.5	10.81	150.1	10.40	142.1	9.80	135.5	9.39	128.8	8.96	121.3	8.41	114.6	7.96	105.7	7.33
	45.0	41.0	155.5	9.98	150.1	9.58	142.1	8.97	135.5	8.59	128.8	8.21	121.3	7.67	114.6	7.20	105.7	6.59
	47.0	43.0	155.5	9.79	150.1	9.39	142.1	8.80	135.5	8.43	**128.8**	**8.06**	121.3	7.52	114.6	7.08	105.7	6.47
	50.0	46.0	155.5	9.56	150.1	9.17	142.1	8.59	135.5	8.24	128.8	7.87	121.3	7.35	114.6	6.90	105.7	6.32
	55.0	51.0	155.5	9.21	150.1	8.84	142.1	8.28	135.5	7.93	128.8	7.58	121.3	7.08	114.6	6.66	105.7	6.08
	60.0	56.0	155.5	8.82	150.1	8.47	142.1	7.93	135.5	7.60	128.8	7.27	121.3	6.78	114.6	6.38	105.7	5.83
50	-12.6	-13.0	130.1	9.88	125.3	10.52	118.2	11.48	112.8	12.30	107.5	13.12	101.1	13.69	95.2	14.23	87.4	14.94
	-7.0	-7.6	130.1	10.84	125.3	11.48	118.2	12.44	112.8	12.94	107.5	13.44	101.1	13.79	95.2	13.16	87.4	12.31
	-4.0	-4.4	130.1	11.42	125.3	12.06	118.2	13.02	112.8	13.52	107.5	14.02	101.1	13.32	95.2	12.70	87.4	11.88
	0.0	-0.4	130.1	12.13	125.3	12.77	118.2	13.74	112.8	13.63	107.5	13.53	101.1	12.74	95.2	12.14	87.4	11.34
	5.0	4.5	130.1	13.71	125.3	13.67	118.2	13.60	112.8	13.17	107.5	12.75	101.1	12.02	95.2	11.44	87.4	10.68
	10.0	9.0	130.1	14.19	125.3	13.64	118.2	12.80	112.8	12.38	107.5	11.98	101.1	11.29	95.2	10.74	87.4	10.01
	15.0	14.0	130.1	13.33	125.3	12.80	118.2	12.01	112.8	11.61	107.5	11.23	101.1	10.58	95.2	10.06	87.4	9.37
	20.0	19.0	130.1	12.43	125.3	11.94	118.2	11.20	112.8	10.82	107.5	10.44	101.1	9.83	95.2	9.34	87.4	8.69
	25.0	23.0	130.1	11.54	125.3	11.09	118.2	10.39	112.8	10.03	107.5	9.67	101.1	9.11	95.2	8.65	87.4	8.03
	30.0	28.0	130.1	10.66	125.3	10.24	118.2	9.60	112.8	9.24	107.5	8.89	101.1	8.38	95.2	7.95	87.4	7.36
	35.0	32.0	130.1	9.77	125.3	9.38	118.2	8.79	112.8	8.46	107.5	8.12	101.1	7.66	95.2	7.24	87.4	6.70
	40.0	36.0	130.1	8.89	125.3	8.53	118.2	7.99	112.8	7.67	107.5	7.35	101.1	6.94	95.2	6.55	87.4	6.04
	45.0	41.0	130.1	8.04	125.3	7.72	118.2	7.23	112.8	6.92	107.5	6.61	101.1	6.24	95.2	5.88	87.4	5.40
	47.0	43.0	130.1	7.90	125.3	7.58	118.2	7.09	112.8	6.80	**107.5**	**6.49**	101.1	6.13	95.2	5.78	87.4	5.31
	50.0	46.0	130.1	7.71	125.3	7.41	118.2	6.93	112.8	6.64	107.5	6.34	101.1	5.98	95.2	5.64	87.4	5.18
	55.0	51.0	130.1	7.43	125.3	7.13	118.2	6.67	112.8	6.39	107.5	6.11	101.1	5.76	95.2	5.43	87.4	4.99
	60.0	56.0	130.1	7.12	125.3	6.83	118.2	6.39	112.8	6.13	107.5	5.86	101.1	5.53	95.2	5.20	87.4	4.78

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.
Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.
Nominal heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

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PERFORMANCE DATA

ARUN216BTE4, ARUN216DTE4 / ARUB216BTE4, ARUB216DTE4 Heating Capacity

216,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
130	-12.6	-13.0	164.7	11.15	164.7	11.97	164.7	13.20	164.1	14.23	163.6	15.26	163.6	16.32	163.6	16.84	163.6	17.52
	-7.0	-7.6	180.2	12.39	180.2	13.20	180.2	14.44	179.6	15.46	179.1	16.50	179.1	17.56	179.1	18.07	179.1	18.76
	-4.0	-4.4	189.5	13.12	189.5	13.94	189.5	15.17	188.9	16.21	188.4	17.24	188.4	18.29	188.4	18.81	188.4	19.49
	0.0	-0.4	201.1	14.04	201.1	14.85	201.1	16.09	200.4	17.12	199.7	18.15	199.7	19.21	199.7	19.72	199.7	20.41
	5.0	4.5	215.4	15.17	215.4	16.00	215.4	17.24	214.8	18.26	214.0	19.29	214.0	20.36	214.0	20.87	214.0	21.56
	10.0	9.0	229.8	16.32	229.8	17.14	229.8	18.37	229.1	19.40	228.3	20.44	228.3	21.49	228.3	22.01	228.3	22.69
	15.0	14.0	243.9	17.44	243.9	18.26	243.9	19.49	243.1	20.52	242.3	21.56	242.3	22.61	242.3	23.13	242.3	23.81
	20.0	19.0	258.6	18.60	258.6	19.43	258.6	20.66	257.8	21.69	256.9	22.71	256.9	23.10	256.9	22.68	256.9	22.11
	25.0	23.0	273.0	19.75	273.0	20.57	273.0	21.80	272.1	22.41	271.2	23.03	271.2	22.17	271.2	21.74	271.2	21.16
	30.0	28.0	287.3	20.89	287.3	21.72	287.3	22.95	286.4	22.52	285.5	22.08	283.6	21.24	279.5	20.81	274.0	20.22
	35.0	32.0	301.8	22.95	301.8	22.85	301.8	22.72	300.8	21.93	299.8	21.15	292.6	20.32	280.0	19.88	263.2	19.27
	40.0	36.0	316.2	23.30	316.2	22.61	316.2	21.57	314.5	20.89	312.9	20.21	296.2	19.40	278.7	18.94	255.3	18.32
	45.0	41.0	324.5	21.57	324.5	21.11	324.5	20.44	319.9	19.85	315.4	19.26	296.2	18.47	278.7	18.00	255.3	17.38
	47.0	43.0	324.5	21.10	324.5	20.65	324.5	19.99	319.9	19.41	**315.4**	**18.84**	296.2	18.07	278.7	17.61	255.3	17.00
	50.0	46.0	324.5	20.49	324.5	20.05	324.5	19.41	319.9	18.86	315.4	18.30	296.2	17.54	278.7	17.11	255.3	16.51
	55.0	51.0	324.5	19.52	324.5	19.12	324.5	18.50	319.9	17.97	315.4	17.44	296.2	16.73	278.7	16.30	255.3	15.73
	60.0	56.0	324.5	18.49	324.5	18.10	324.5	17.52	319.9	17.01	315.4	16.51	296.2	15.83	278.7	15.43	255.3	14.90
120	-12.6	-13.0	163.5	12.39	163.5	13.20	163.5	14.44	163.0	14.85	162.4	15.26	162.4	16.86	162.4	17.20	162.4	17.66
	-7.0	-7.6	178.9	13.62	178.9	14.44	178.9	15.67	178.4	16.08	177.8	16.50	177.8	18.09	177.8	18.44	177.8	18.89
	-4.0	-4.4	188.1	14.36	188.1	15.17	188.1	16.41	187.6	16.82	187.0	17.24	187.0	18.84	187.0	19.17	187.0	19.64
	0.0	-0.4	199.6	15.27	199.6	16.09	199.6	17.33	199.0	17.73	198.4	18.15	198.4	19.75	198.4	20.09	198.4	20.55
	5.0	4.5	213.9	16.41	213.9	17.24	213.9	18.47	213.3	18.88	212.5	19.29	212.5	20.89	212.5	21.24	212.5	21.69
	10.0	9.0	228.2	17.56	228.2	18.37	228.2	19.61	227.4	20.02	226.7	20.44	226.7	22.04	226.7	22.37	226.7	22.84
	15.0	14.0	242.2	18.68	242.2	19.49	242.2	20.73	241.4	21.14	240.7	21.56	240.7	23.16	240.7	23.49	240.7	23.95
	20.0	19.0	256.8	19.84	256.8	20.66	256.8	21.89	256.0	22.60	255.1	23.29	255.1	22.71	255.1	22.44	255.1	22.08
	25.0	23.0	271.1	20.98	271.1	21.80	271.1	23.03	270.2	22.70	269.3	22.36	267.7	21.83	264.1	21.56	259.3	21.21
	30.0	28.0	285.3	23.14	285.3	22.95	285.3	22.65	284.5	22.05	283.6	21.43	275.8	20.95	262.7	20.69	245.3	20.33
	35.0	32.0	299.6	23.28	299.6	22.60	299.6	21.56	296.2	21.03	292.8	20.50	278.6	20.08	261.6	19.81	239.0	19.45
	40.0	36.0	313.9	21.76	313.9	21.24	313.9	20.46	304.9	20.02	295.7	19.56	278.6	19.21	261.6	18.93	239.0	18.57
	45.0	41.0	324.1	20.27	321.9	19.91	318.5	19.37	307.1	19.00	295.7	18.63	278.6	18.32	261.6	18.05	239.0	17.68
	47.0	43.0	324.1	19.83	321.9	19.48	318.5	18.95	307.1	18.59	**295.7**	**18.22**	278.6	17.93	261.6	17.66	239.0	17.30
	50.0	46.0	324.1	19.25	321.9	18.91	318.5	18.40	307.1	18.05	295.7	17.69	278.6	17.40	261.6	17.15	239.0	16.80
	55.0	51.0	324.1	18.35	321.9	18.03	318.5	17.54	307.1	17.20	295.7	16.86	278.6	16.59	261.6	16.34	239.0	16.01
	60.0	56.0	324.1	17.38	321.9	17.07	318.5	16.61	307.1	16.29	295.7	15.97	278.6	15.71	261.6	15.48	239.0	15.16
110	-12.6	-13.0	162.6	13.89	162.6	14.44	162.6	15.26	162.1	15.98	161.5	16.70	161.5	17.48	161.5	18.26	161.5	19.32
	-7.0	-7.6	177.9	15.12	177.9	15.67	177.9	16.50	177.4	17.22	176.8	17.94	176.8	18.71	176.8	19.50	176.8	20.55
	-4.0	-4.4	187.2	15.86	187.2	16.41	187.2	17.24	186.6	17.96	186.0	18.68	186.0	19.45	186.0	20.24	186.0	21.29
	0.0	-0.4	198.5	16.77	198.5	17.33	198.5	18.15	197.9	18.87	197.3	19.59	197.3	20.37	197.3	21.16	197.3	22.20
	5.0	4.5	212.7	17.92	212.7	18.47	212.7	19.29	212.1	20.01	211.3	20.73	211.3	21.51	211.3	22.30	211.3	23.35
	10.0	9.0	227.0	19.06	227.0	19.61	227.0	20.44	226.2	21.16	225.5	21.88	225.5	22.65	225.5	23.44	225.5	24.49
	15.0	14.0	240.8	20.18	240.8	20.73	240.8	21.56	240.1	22.28	239.3	23.00	239.3	23.10	239.2	22.44	239.1	21.58
	20.0	19.0	255.4	21.35	255.4	21.89	255.4	22.71	254.5	22.72	253.8	22.74	247.7	22.11	236.6	21.50	221.9	20.67
	25.0	23.0	269.6	23.12	269.6	23.03	269.6	22.92	266.8	22.33	264.1	21.73	249.9	21.15	235.8	20.56	216.9	19.78
	30.0	28.0	283.7	22.98	283.7	22.48	283.7	21.72	274.7	21.22	265.5	20.72	249.9	20.17	235.8	19.63	216.9	18.89
	35.0	32.0	302.6	21.50	298.0	21.11	291.2	20.51	278.3	20.11	265.5	19.72	249.9	19.20	235.8	18.69	216.9	18.00
	40.0	36.0	318.6	20.03	308.1	19.73	292.5	19.31	279.0	19.01	265.5	18.70	249.9	18.24	235.8	17.75	216.9	17.10
	45.0	41.0	320.7	18.59	309.4	18.40	292.5	18.12	279.0	17.92	265.5	17.71	249.9	17.27	235.8	16.82	216.9	16.22
	47.0	43.0	320.7	18.18	309.4	18.00	292.5	17.73	279.0	17.52	**265.5**	**17.32**	249.9	16.89	235.8	16.45	216.9	15.87
	50.0	46.0	320.7	17.66	309.4	17.48	292.5	17.22	279.0	17.02	265.5	16.82	249.9	16.41	235.8	15.97	216.9	15.40
	55.0	51.0	320.7	16.83	309.4	16.66	292.5	16.41	279.0	16.22	265.5	16.03	249.9	15.63	235.8	15.22	216.9	14.69
	60.0	56.0	320.7	15.94	309.4	15.78	292.5	15.55	279.0	15.36	265.5	15.18	249.9	14.80	235.8	14.41	216.9	13.91

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.
Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.
Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Heating Capacity ARUN216BTE4, ARUN216DTE4 / ARUB216BTE4, ARUB216DTE4

216,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
100	-12.6	-13.0	162.0	11.78	162.0	13.50	162.0	16.08	161.4	16.66	160.9	17.24	160.9	18.36	160.9	19.01	160.9	19.88
	-7.0	-7.6	177.2	13.01	177.2	14.74	177.2	17.32	176.7	17.89	176.1	18.47	176.1	19.59	176.1	20.25	176.1	21.11
	-4.0	-4.4	186.4	13.75	186.4	15.47	186.4	18.05	185.8	18.63	185.2	19.21	185.2	20.34	185.2	20.98	185.2	21.85
	0.0	-0.4	197.5	14.66	197.0	16.39	196.4	18.97	196.1	19.54	195.9	20.12	195.9	21.25	195.9	21.90	195.9	22.77
	5.0	4.5	211.2	15.81	211.2	17.53	211.2	20.12	210.6	20.69	210.0	21.27	210.0	22.39	210.0	23.04	210.0	23.91
	10.0	9.0	226.4	16.95	225.8	18.67	224.9	21.25	224.7	21.83	224.6	22.41	222.2	23.07	217.1	22.71	210.4	22.23
	15.0	14.0	239.5	18.07	239.5	19.79	239.5	22.37	239.0	22.46	238.4	22.53	228.7	22.16	215.4	21.53	197.5	20.70
	20.0	19.0	259.4	19.48	258.4	20.96	257.0	23.17	250.0	22.32	243.0	21.46	228.7	20.98	215.4	20.38	197.5	19.58
	25.0	23.0	276.0	21.09	272.1	21.30	266.1	21.60	254.6	21.01	243.0	20.41	228.7	19.85	215.4	19.26	197.5	18.49
	30.0	28.0	289.1	20.38	280.3	20.43	267.1	20.51	255.0	19.94	243.0	19.36	228.7	18.70	215.4	18.14	197.5	17.39
	35.0	32.0	293.9	19.65	283.2	19.55	267.1	19.41	255.0	18.87	243.0	18.31	228.7	17.56	215.4	17.02	197.5	16.30
	40.0	36.0	293.9	18.93	283.2	18.69	267.1	18.33	255.0	17.80	243.0	17.26	228.7	16.41	215.4	15.89	197.5	15.21
	45.0	41.0	293.9	18.19	283.2	17.81	267.1	17.26	255.0	16.74	243.0	16.22	228.7	15.29	215.4	14.79	197.5	14.13
	47.0	43.0	293.9	17.80	283.2	17.43	267.1	16.88	255.0	16.38	**243.0**	**15.87**	228.7	14.96	215.4	14.48	197.5	13.82
	50.0	46.0	293.9	17.28	283.2	16.92	267.1	16.39	255.0	15.90	243.0	15.40	228.7	14.53	215.4	14.05	197.5	13.42
	55.0	51.0	293.9	16.47	283.2	16.13	267.1	15.63	255.0	15.15	243.0	14.69	228.7	13.85	215.4	13.40	197.5	12.79
	60.0	56.0	293.9	15.59	283.2	15.27	267.1	14.80	255.0	14.35	243.0	13.91	228.7	13.11	215.4	12.69	197.5	12.12
90	-12.6	-13.0	161.2	14.45	161.2	14.87	161.2	15.48	160.8	16.16	160.3	16.84	160.3	18.10	160.3	19.13	160.3	20.50
	-7.0	-7.6	176.5	15.69	176.5	16.10	176.5	16.72	175.9	17.40	175.3	18.07	175.3	19.33	175.3	20.36	175.3	21.73
	-4.0	-4.4	185.7	16.43	185.7	16.84	185.7	17.46	185.1	18.13	184.5	18.82	184.5	20.07	184.5	21.11	184.5	22.47
	0.0	-0.4	197.5	17.35	197.0	17.75	196.4	18.37	196.1	19.05	195.7	19.73	195.5	20.99	195.0	22.02	194.5	23.39
	5.0	4.5	211.2	18.49	211.2	18.90	211.2	19.51	210.4	20.20	209.7	20.87	205.6	21.63	198.1	21.56	187.9	21.47
	10.0	9.0	226.4	19.62	225.8	20.04	224.9	20.66	223.0	21.33	221.1	22.01	209.4	21.22	196.7	20.33	179.7	19.15
	15.0	14.0	239.5	20.74	239.5	21.16	239.5	21.78	231.0	21.53	222.6	21.30	209.4	20.21	196.7	19.36	179.7	18.21
	20.0	19.0	265.7	22.45	257.0	22.05	244.0	21.44	233.3	20.82	222.6	20.20	209.4	19.18	196.7	18.34	179.7	17.24
	25.0	23.0	269.5	21.29	259.3	20.89	244.0	20.30	233.3	19.71	222.6	19.12	209.4	18.15	196.7	17.34	179.7	16.28
	30.0	28.0	269.5	20.11	259.3	19.73	244.0	19.17	233.3	18.60	222.6	18.04	209.4	17.13	196.7	16.35	179.7	15.32
	35.0	32.0	269.5	18.94	259.3	18.57	244.0	18.03	233.3	17.50	222.6	16.97	209.4	16.10	196.7	15.36	179.7	14.36
	40.0	36.0	269.5	17.77	259.3	17.42	244.0	16.89	233.3	16.39	222.6	15.88	209.4	15.08	196.7	14.37	179.7	13.41
	45.0	41.0	269.5	16.61	259.3	16.28	244.0	15.78	233.3	15.31	222.6	14.84	209.4	14.07	196.7	13.39	179.7	12.48
	47.0	43.0	269.5	16.25	259.3	15.93	244.0	15.43	233.3	14.98	**222.6**	**14.51**	209.4	13.76	196.7	13.09	179.7	12.21
	50.0	46.0	269.5	15.78	259.3	15.46	244.0	14.99	233.3	14.54	222.6	14.09	209.4	13.36	196.7	12.72	179.7	11.85
	55.0	51.0	269.5	15.04	259.3	14.74	244.0	14.28	233.3	13.86	222.6	13.43	209.4	12.74	196.7	12.13	179.7	11.30
	60.0	56.0	269.5	14.24	259.3	13.96	244.0	13.52	233.3	13.12	222.6	12.72	209.4	12.06	196.7	11.48	179.7	10.70
80	-12.6	-13.0	160.6	12.62	160.6	12.97	160.6	13.50	160.1	14.30	159.6	15.11	159.6	16.83	159.6	17.85	159.6	19.23
	-7.0	-7.6	175.8	13.85	175.8	14.20	175.8	14.73	175.2	15.55	174.7	16.35	174.7	17.98	174.7	18.86	174.7	20.03
	-4.0	-4.4	184.9	14.59	184.9	14.94	184.9	15.48	184.3	16.28	183.7	17.08	181.6	18.68	177.2	19.47	171.2	20.51
	0.0	-0.4	196.4	15.50	196.4	15.85	196.4	16.40	195.5	17.20	194.4	18.00	186.2	19.28	176.1	19.38	162.6	19.52
	5.0	4.5	211.4	16.65	211.4	17.00	211.4	17.53	205.3	18.33	199.3	19.14	186.9	18.88	175.8	18.34	161.0	17.62
	10.0	9.0	231.9	17.79	226.7	18.14	218.7	18.68	209.0	18.92	199.3	19.16	186.9	18.01	175.8	17.47	161.0	16.77
	15.0	14.0	241.1	19.07	232.2	19.26	218.8	19.57	209.1	18.90	199.3	18.24	186.9	17.15	175.8	16.63	161.0	15.93
	20.0	19.0	241.1	19.31	232.2	18.99	218.8	18.52	209.1	17.90	199.3	17.26	186.9	16.25	175.8	15.75	161.0	15.07
	25.0	23.0	241.1	18.27	232.2	17.96	218.8	17.51	209.1	16.91	199.3	16.31	186.9	15.38	175.8	14.88	161.0	14.22
	30.0	28.0	241.1	17.23	232.2	16.94	218.8	16.50	209.1	15.92	199.3	15.36	186.9	14.51	175.8	14.01	161.0	13.37
	35.0	32.0	241.1	16.19	232.2	15.91	218.8	15.47	209.1	14.94	199.3	14.40	186.9	13.63	175.8	13.16	161.0	12.52
	40.0	36.0	241.1	15.15	232.2	14.87	218.8	14.46	209.1	13.95	199.3	13.45	186.9	12.75	175.8	12.29	161.0	11.67
	45.0	41.0	241.1	14.13	232.2	13.87	218.8	13.46	209.1	12.99	199.3	12.52	186.9	11.90	175.8	11.44	161.0	10.83
	47.0	43.0	241.1	13.82	232.2	13.57	218.8	13.18	209.1	12.71	**199.3**	**12.26**	186.9	11.64	175.8	11.19	161.0	10.60
	50.0	46.0	241.1	13.42	232.2	13.17	218.8	12.79	209.1	12.34	199.3	11.89	186.9	11.31	175.8	10.87	161.0	10.29
	55.0	51.0	241.1	12.79	232.2	12.56	218.8	12.19	209.1	11.76	199.3	11.33	186.9	10.77	175.8	10.36	161.0	9.81
	60.0	56.0	241.1	12.12	232.2	11.89	218.8	11.54	209.1	11.14	199.3	10.74	186.9	10.21	175.8	9.81	161.0	9.29

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.
Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.
Nominal heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

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PERFORMANCE DATA

ARUN216BTE4, ARUN216DTE4 / ARUB216BTE4, ARUB216DTE4 Heating Capacity

216,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
70	-12.6	-13.0	160.6	12.04	160.6	12.59	160.6	13.41	160.1	14.29	159.6	15.18	157.0	16.90	151.4	17.94	144.0	19.33
	-7.0	-7.6	175.0	13.27	175.0	13.82	175.0	14.65	171.9	15.62	168.9	16.59	159.6	17.99	150.5	18.61	138.3	19.44
	-4.0	-4.4	183.6	14.01	183.6	14.57	183.6	15.38	176.2	16.40	168.9	17.42	159.6	18.64	150.5	19.02	138.3	19.52
	0.0	-0.4	197.7	14.92	193.0	15.48	185.9	16.30	177.4	17.38	168.9	18.46	159.6	18.49	150.5	18.19	138.3	17.80
	5.0	4.5	204.2	16.07	196.9	16.62	185.9	17.44	177.4	17.90	168.9	18.37	159.6	17.55	150.5	17.23	138.3	16.81
	10.0	9.0	204.3	17.21	196.9	17.76	185.9	18.58	177.4	18.00	168.9	17.41	159.6	16.63	150.5	16.28	138.3	15.82
	15.0	14.0	204.3	19.14	196.9	18.64	185.9	17.89	177.4	17.18	168.9	16.46	159.6	15.71	150.5	15.34	138.3	14.85
	20.0	19.0	204.3	17.99	196.9	17.52	185.9	16.81	177.4	16.15	168.9	15.49	159.6	14.76	150.5	14.36	138.3	13.84
	25.0	23.0	204.3	16.87	196.9	16.42	185.9	15.76	177.4	15.14	168.9	14.52	159.6	13.83	150.5	13.40	138.3	12.85
	30.0	28.0	204.3	15.74	196.9	15.33	185.9	14.71	177.4	14.13	168.9	13.55	159.6	12.89	150.5	12.45	138.3	11.86
	35.0	32.0	204.3	14.61	196.9	14.23	185.9	13.66	177.4	13.12	168.9	12.59	159.6	11.97	150.5	11.50	138.3	10.86
	40.0	36.0	204.3	13.49	196.9	13.13	185.9	12.61	177.4	12.12	168.9	11.63	159.6	11.03	150.5	10.53	138.3	9.88
	45.0	41.0	204.3	12.40	196.9	12.08	185.9	11.59	177.4	11.14	168.9	10.69	159.6	10.13	150.5	9.62	138.3	8.93
	47.0	43.0	204.3	12.13	196.9	11.82	185.9	11.34	177.4	10.90	**168.9**	**10.46**	159.6	9.92	150.5	9.41	138.3	8.73
	50.0	46.0	204.3	11.78	196.9	11.47	185.9	11.01	177.4	10.58	168.9	10.16	159.6	9.62	150.5	9.14	138.3	8.48
	55.0	51.0	204.3	11.23	196.9	10.93	185.9	10.49	177.4	10.09	168.9	9.68	159.6	9.17	150.5	8.70	138.3	8.08
	60.0	56.0	204.3	10.63	196.9	10.35	185.9	9.93	177.4	9.55	168.9	9.17	159.6	8.69	150.5	8.24	138.3	7.65
60	-12.6	-13.0	150.9	12.11	150.9	12.63	150.9	13.42	147.9	14.43	144.9	15.45	136.5	17.20	129.0	18.26	118.9	19.65
	-7.0	-7.6	162.9	13.34	161.7	13.87	159.9	14.65	152.4	15.69	144.9	16.75	136.5	17.47	129.0	18.16	118.9	19.07
	-4.0	-4.4	173.7	14.08	168.2	14.60	159.9	15.39	152.4	16.43	144.9	17.48	136.5	17.69	129.0	17.25	118.9	16.67
	0.0	-0.4	174.9	15.00	168.9	15.52	159.9	16.30	152.4	16.96	144.9	17.63	136.5	17.03	129.0	16.47	118.9	15.72
	5.0	4.5	174.9	16.14	168.9	16.67	159.9	17.44	152.4	17.06	144.9	16.69	136.5	16.08	129.0	15.53	118.9	14.79
	10.0	9.0	174.9	18.06	168.9	17.80	159.9	17.41	152.4	16.58	144.9	15.75	136.5	15.14	129.0	14.59	118.9	13.86
	15.0	14.0	174.9	17.57	168.9	17.09	159.9	16.37	152.4	15.59	144.9	14.83	136.5	14.22	129.0	13.67	118.9	12.94
	20.0	19.0	174.9	16.48	168.9	16.01	159.9	15.29	152.4	14.58	144.9	13.86	136.5	13.26	129.0	12.72	118.9	12.00
	25.0	23.0	174.9	15.41	168.9	14.94	159.9	14.24	152.4	13.57	144.9	12.92	136.5	12.31	129.0	11.77	118.9	11.06
	30.0	28.0	174.9	14.34	168.9	13.87	159.9	13.17	152.4	12.58	144.9	11.98	136.5	11.37	129.0	10.84	118.9	10.12
	35.0	32.0	174.9	13.27	168.9	12.80	159.9	12.12	152.4	11.58	144.9	11.04	136.5	10.42	129.0	9.90	118.9	9.19
	40.0	36.0	174.9	12.20	168.9	11.74	159.9	11.05	152.4	10.58	144.9	10.10	136.5	9.48	129.0	8.96	118.9	8.26
	45.0	41.0	174.9	11.16	168.9	10.72	159.9	10.03	152.4	9.62	144.9	9.19	136.5	8.58	129.0	8.06	118.9	7.37
	47.0	43.0	174.9	10.92	168.9	10.47	159.9	9.81	152.4	9.40	**144.9**	**8.99**	136.5	8.39	129.0	7.89	118.9	7.21
	50.0	46.0	174.9	10.61	168.9	10.17	159.9	9.53	152.4	9.14	144.9	8.73	136.5	8.15	129.0	7.66	118.9	7.01
	55.0	51.0	174.9	10.10	168.9	9.70	159.9	9.09	152.4	8.70	144.9	8.32	136.5	7.77	129.0	7.30	118.9	6.67
	60.0	56.0	174.9	9.57	168.9	9.19	159.9	8.60	152.4	8.24	144.9	7.88	136.5	7.35	129.0	6.92	118.9	6.32
50	-12.6	-13.0	146.3	10.95	141.0	11.77	132.9	13.00	126.9	14.05	120.9	15.10	113.8	15.83	107.1	16.52	98.3	17.43
	-7.0	-7.6	146.3	12.18	141.0	13.00	132.9	14.23	126.9	14.87	120.9	15.51	113.8	15.98	107.1	15.23	98.3	14.21
	-4.0	-4.4	146.3	12.92	141.0	13.74	132.9	14.97	126.9	15.61	120.9	16.25	113.8	15.42	107.1	14.68	98.3	13.71
	0.0	-0.4	146.3	13.83	141.0	14.65	132.9	15.88	126.9	15.77	120.9	15.66	113.8	14.73	107.1	14.02	98.3	13.08
	5.0	4.5	146.3	15.83	141.0	15.80	132.9	15.75	126.9	15.24	120.9	14.74	113.8	13.87	107.1	13.19	98.3	12.29
	10.0	9.0	146.3	16.45	141.0	15.79	132.9	14.78	126.9	14.30	120.9	13.82	113.8	13.00	107.1	12.36	98.3	11.51
	15.0	14.0	146.3	15.40	141.0	14.77	132.9	13.84	126.9	13.37	120.9	12.92	113.8	12.15	107.1	11.54	98.3	10.74
	20.0	19.0	146.3	14.32	141.0	13.73	132.9	12.86	126.9	12.42	120.9	11.97	113.8	11.27	107.1	10.70	98.3	9.94
	25.0	23.0	146.3	13.24	141.0	12.71	132.9	11.89	126.9	11.47	120.9	11.05	113.8	10.40	107.1	9.87	98.3	9.16
	30.0	28.0	146.3	12.17	141.0	11.68	132.9	10.94	126.9	10.53	120.9	10.13	113.8	9.54	107.1	9.04	98.3	8.37
	35.0	32.0	146.3	11.10	141.0	10.65	132.9	9.97	126.9	9.59	120.9	9.21	113.8	8.68	107.1	8.20	98.3	7.58
	40.0	36.0	146.3	10.03	141.0	9.62	132.9	9.01	126.9	8.65	120.9	8.28	113.8	7.81	107.1	7.38	98.3	6.80
	45.0	41.0	146.3	9.00	141.0	8.64	132.9	8.09	126.9	7.74	120.9	7.40	113.8	6.99	107.1	6.58	98.3	6.05
	47.0	43.0	146.3	8.81	141.0	8.45	132.9	7.91	126.9	7.58	**120.9**	**7.24**	113.8	6.83	107.1	6.44	98.3	5.92
	50.0	46.0	146.3	8.55	141.0	8.21	132.9	7.68	126.9	7.36	120.9	7.04	113.8	6.63	107.1	6.25	98.3	5.74
	55.0	51.0	146.3	8.16	141.0	7.83	132.9	7.32	126.9	7.02	120.9	6.70	113.8	6.32	107.1	5.96	98.3	5.48
	60.0	56.0	146.3	7.72	141.0	7.41	132.9	6.93	126.9	6.65	120.9	6.35	113.8	5.99	107.1	5.64	98.3	5.18

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.
Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.
Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Heating Capacity ARUN240BTE4, ARUN240DTE4 / ARUB240BTE4, ARUB240DTE4

240,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
130	-12.6	-13.0	177.9	13.07	177.9	13.87	177.9	15.08	177.2	16.08	176.7	17.09	176.7	18.13	176.7	18.64	176.7	19.31
	-7.0	-7.6	195.9	14.28	195.9	15.08	195.9	16.29	195.3	17.29	194.8	18.30	194.8	19.34	194.8	19.84	194.8	20.52
	-4.0	-4.4	206.8	15.00	206.8	15.80	206.8	17.01	206.1	18.02	205.6	19.03	205.6	20.06	205.6	20.57	205.6	21.24
	0.0	-0.4	220.3	15.89	220.3	16.69	220.3	17.90	219.5	18.92	218.9	19.92	218.9	20.96	218.9	21.46	218.9	22.13
	5.0	4.5	237.0	17.01	237.0	17.82	237.0	19.03	236.3	20.03	235.5	21.04	235.5	22.08	235.5	22.59	235.5	23.26
	10.0	9.0	253.9	18.13	253.9	18.94	253.9	20.14	253.0	21.15	252.2	22.16	252.2	23.20	252.2	23.70	252.2	24.38
	15.0	14.0	270.2	19.23	270.2	20.03	270.2	21.24	269.4	22.24	268.6	23.26	268.6	24.30	268.6	24.80	268.6	25.47
	20.0	19.0	287.4	20.36	287.4	21.18	287.4	22.38	286.5	23.39	285.6	24.39	285.6	24.78	285.6	24.38	285.6	23.84
	25.0	23.0	304.2	21.49	304.2	22.29	304.2	23.50	303.2	24.11	302.3	24.73	302.3	23.91	302.3	23.48	302.3	22.91
	30.0	28.0	320.9	22.60	320.9	23.42	320.9	24.62	319.9	24.25	318.9	23.87	316.3	23.04	310.7	22.59	303.2	21.99
	35.0	32.0	337.8	24.56	337.8	24.53	337.8	24.50	336.7	23.76	335.6	23.02	325.7	22.17	310.9	21.70	291.2	21.07
	40.0	36.0	354.4	25.10	354.4	24.48	354.4	23.55	351.5	22.86	348.6	22.17	329.2	21.30	309.7	20.80	283.7	20.14
	45.0	41.0	360.5	23.85	360.5	23.35	360.5	22.60	355.5	21.96	350.5	21.31	329.2	20.43	309.7	19.91	283.7	19.22
	47.0	43.0	360.5	23.42	360.5	22.92	360.5	22.18	355.5	21.54	**350.5**	**20.91**	329.2	20.05	309.7	19.54	283.7	18.86
	50.0	46.0	360.5	22.85	360.5	22.36	360.5	21.65	355.5	21.03	350.5	20.41	329.2	19.57	309.7	19.08	283.7	18.41
	55.0	51.0	360.5	21.98	360.5	21.52	360.5	20.82	355.5	20.23	350.5	19.63	329.2	18.83	309.7	18.35	283.7	17.71
	60.0	56.0	360.5	21.04	360.5	20.60	360.5	19.93	355.5	19.36	350.5	18.79	329.2	18.02	309.7	17.57	283.7	16.96
120	-12.6	-13.0	176.6	14.28	176.6	15.08	176.6	16.29	176.1	16.69	175.4	17.09	175.4	18.65	175.4	19.00	175.4	19.44
	-7.0	-7.6	194.6	15.48	194.6	16.29	194.6	17.49	194.0	17.90	193.3	18.30	193.3	19.86	193.3	20.20	193.3	20.65
	-4.0	-4.4	205.3	16.21	205.3	17.01	205.3	18.22	204.8	18.62	204.1	19.03	204.1	20.59	204.1	20.93	204.1	21.38
	0.0	-0.4	218.7	17.10	218.7	17.90	218.7	19.12	218.0	19.52	217.4	19.92	217.4	21.49	217.4	21.82	217.4	22.27
	5.0	4.5	235.4	18.22	235.4	19.03	235.4	20.24	234.7	20.64	233.9	21.04	233.9	22.60	233.9	22.95	233.9	23.39
	10.0	9.0	252.0	19.34	252.0	20.14	252.0	21.35	251.2	21.76	250.4	22.16	250.4	23.73	250.4	24.06	250.4	24.51
	15.0	14.0	268.4	20.44	268.4	21.24	268.4	22.45	267.5	22.85	266.7	23.26	266.7	24.83	266.7	25.16	266.7	25.60
	20.0	19.0	285.4	21.58	285.4	22.38	285.4	23.59	284.5	24.28	283.6	24.96	283.6	24.41	283.6	24.15	283.6	23.81
	25.0	23.0	302.1	22.70	302.1	23.50	302.1	24.71	301.1	24.40	300.1	24.09	298.1	23.58	293.6	23.31	287.5	22.96
	30.0	28.0	318.7	24.77	318.7	24.62	318.7	24.39	317.7	23.81	316.7	23.22	306.7	22.75	291.8	22.48	271.9	22.11
	35.0	32.0	335.4	25.00	335.4	24.37	335.4	23.41	330.8	22.88	326.2	22.36	309.5	21.93	290.7	21.64	265.5	21.26
	40.0	36.0	352.5	23.71	351.8	23.19	350.7	22.42	339.7	21.95	328.5	21.48	309.5	21.11	290.7	20.80	265.5	20.41
	45.0	41.0	360.1	22.43	357.6	22.02	353.8	21.42	341.2	21.02	328.5	20.61	309.5	20.27	290.7	19.96	265.5	19.56
	47.0	43.0	360.1	22.01	357.6	21.62	353.8	21.03	341.2	20.63	**328.5**	**20.22**	309.5	19.90	290.7	19.59	265.5	19.20
	50.0	46.0	360.1	21.47	357.6	21.10	353.8	20.53	341.2	20.13	328.5	19.73	309.5	19.41	290.7	19.13	265.5	18.74
	55.0	51.0	360.1	20.66	357.6	20.30	353.8	19.75	341.2	19.37	328.5	18.98	309.5	18.67	290.7	18.40	265.5	18.02
	60.0	56.0	360.1	19.78	357.6	19.43	353.8	18.90	341.2	18.54	328.5	18.17	309.5	17.88	290.7	17.61	265.5	17.25
110	-12.6	-13.0	175.6	15.75	175.6	16.29	175.6	17.09	175.1	17.79	174.5	18.50	174.5	19.26	174.5	20.03	174.5	21.07
	-7.0	-7.6	193.5	16.96	193.5	17.49	193.5	18.30	192.9	19.01	192.3	19.72	192.3	20.47	192.3	21.24	192.3	22.27
	-4.0	-4.4	204.3	17.68	204.3	18.22	204.3	19.03	203.6	19.73	203.0	20.44	203.0	21.19	203.0	21.97	203.0	23.00
	0.0	-0.4	217.5	18.58	217.5	19.12	217.5	19.92	216.9	20.63	216.2	21.33	216.2	22.10	216.2	22.87	216.2	23.89
	5.0	4.5	234.1	19.70	234.1	20.24	234.1	21.04	233.4	21.74	232.6	22.45	232.6	23.21	232.6	23.98	232.6	25.02
	10.0	9.0	250.7	20.82	250.7	21.35	250.7	22.16	249.9	22.87	249.1	23.57	249.1	24.33	249.1	25.11	249.1	26.13
	15.0	14.0	266.9	21.91	266.9	22.45	266.9	23.26	266.1	23.97	265.2	24.67	265.2	24.77	265.2	24.13	265.2	23.28
	20.0	19.0	283.9	23.06	283.9	23.59	283.9	24.39	282.9	24.41	282.1	24.43	275.2	23.81	262.9	23.20	246.5	22.38
	25.0	23.0	300.4	24.78	300.4	24.71	300.4	24.61	297.0	24.04	293.7	23.46	277.7	22.87	262.0	22.27	241.0	21.48
	30.0	28.0	317.0	24.68	316.9	24.20	316.8	23.46	306.0	22.98	295.0	22.49	277.7	21.92	262.0	21.36	241.0	20.60
	35.0	32.0	339.6	23.29	333.5	22.91	324.3	22.32	309.6	21.92	295.0	21.52	277.7	20.98	262.0	20.44	241.0	19.71
	40.0	36.0	355.3	21.91	343.1	21.61	325.0	21.18	310.0	20.86	295.0	20.54	277.7	20.04	262.0	19.51	241.0	18.82
	45.0	41.0	356.4	20.56	343.8	20.35	325.0	20.05	310.0	19.82	295.0	19.59	277.7	19.10	262.0	18.60	241.0	17.94
	47.0	43.0	356.4	20.18	343.8	19.98	325.0	19.67	310.0	19.45	**295.0**	**19.22**	277.7	18.75	262.0	18.26	241.0	17.61
	50.0	46.0	356.4	19.70	343.8	19.50	325.0	19.21	310.0	18.98	295.0	18.76	277.7	18.30	262.0	17.81	241.0	17.18
	55.0	51.0	356.4	18.95	343.8	18.75	325.0	18.48	310.0	18.26	295.0	18.05	277.7	17.60	262.0	17.14	241.0	16.53
	60.0	56.0	356.4	18.14	343.8	17.96	325.0	17.69	310.0	17.48	295.0	17.27	277.7	16.85	262.0	16.41	241.0	15.83

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.
Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.
Nominal heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

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PERFORMANCE DATA

ARUN240BTE4, ARUN240DTE4 / ARUB240BTE4, ARUB240DTE4 Heating Capacity

240,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
100	-12.6	-13.0	174.9	14.65	174.9	15.95	174.9	17.90	174.3	18.46	173.8	19.03	173.8	20.13	173.8	20.77	173.8	21.62
	-7.0	-7.6	192.7	15.86	192.7	17.16	192.7	19.11	192.1	19.67	191.5	20.24	191.5	21.33	191.5	21.98	191.5	22.82
	-4.0	-4.4	203.5	16.58	203.5	17.88	203.5	19.83	202.8	20.39	202.2	20.96	202.2	22.07	202.2	22.70	202.2	23.55
	0.0	-0.4	216.4	17.48	215.9	18.77	215.2	20.72	214.9	21.29	214.7	21.85	214.7	22.96	214.7	23.59	214.7	24.45
	5.0	4.5	232.4	18.60	232.4	19.90	232.4	21.85	231.7	22.41	231.1	22.98	231.1	24.08	231.1	24.72	231.1	25.57
	10.0	9.0	250.1	19.72	249.4	21.02	248.4	22.96	248.2	23.53	248.1	24.09	245.8	24.73	241.1	24.37	234.8	23.88
	15.0	14.0	265.4	20.81	265.4	22.11	265.4	24.06	264.8	24.14	264.2	24.20	254.2	23.82	239.3	23.18	219.5	22.33
	20.0	19.0	288.2	22.19	287.1	23.26	285.5	24.85	277.8	23.99	270.0	23.14	254.2	22.63	239.3	22.01	219.5	21.18
	25.0	23.0	306.6	23.69	302.3	23.54	295.7	23.31	282.8	22.71	270.0	22.09	254.2	21.49	239.3	20.87	219.5	20.07
	30.0	28.0	321.2	22.80	311.5	22.58	296.8	22.25	283.4	21.66	270.0	21.05	254.2	20.34	239.3	19.75	219.5	18.95
	35.0	32.0	326.5	21.91	314.7	21.62	296.8	21.19	283.4	20.60	270.0	20.01	254.2	19.19	239.3	18.61	219.5	17.84
	40.0	36.0	326.5	21.02	314.7	20.66	296.8	20.13	283.4	19.55	270.0	18.97	254.2	18.03	239.3	17.47	219.5	16.72
	45.0	41.0	326.5	20.12	314.7	19.70	296.8	19.09	283.4	18.52	270.0	17.94	254.2	16.91	239.3	16.36	219.5	15.63
	47.0	43.0	326.5	19.75	314.7	19.34	296.8	18.73	283.4	18.18	**270.0**	**17.61**	254.2	16.60	239.3	16.07	219.5	15.34
	50.0	46.0	326.5	19.27	314.7	18.87	296.8	18.28	283.4	17.73	270.0	17.18	254.2	16.20	239.3	15.67	219.5	14.97
	55.0	51.0	326.5	18.54	314.7	18.16	296.8	17.59	283.4	17.06	270.0	16.54	254.2	15.59	239.3	15.08	219.5	14.40
	60.0	56.0	326.5	17.75	314.7	17.38	296.8	16.84	283.4	16.34	270.0	15.83	254.2	14.92	239.3	14.44	219.5	13.79
90	-12.6	-13.0	174.1	16.19	174.1	16.60	174.1	17.20	173.6	17.87	173.1	18.53	173.1	19.76	173.1	20.77	173.1	22.12
	-7.0	-7.6	192.0	17.40	192.0	17.80	192.0	18.41	191.3	19.07	190.7	19.74	190.7	20.97	190.7	21.98	190.7	23.32
	-4.0	-4.4	202.6	18.13	202.6	18.53	202.6	19.14	202.0	19.80	201.3	20.47	201.3	21.70	201.3	22.71	201.3	24.05
	0.0	-0.4	216.4	19.03	215.9	19.42	215.2	20.03	214.9	20.69	214.4	21.36	214.4	22.59	214.3	23.60	214.3	24.94
	5.0	4.5	232.4	20.14	232.4	20.55	232.4	21.15	231.6	21.82	230.7	22.48	227.1	23.21	219.6	23.13	209.5	23.01
	10.0	9.0	250.1	21.26	249.4	21.66	248.4	22.27	246.9	22.93	245.3	23.59	232.5	22.78	218.6	21.88	200.0	20.67
	15.0	14.0	265.4	22.35	265.4	22.76	265.4	23.37	256.3	23.12	247.3	22.88	232.7	21.77	218.5	20.89	199.7	19.70
	20.0	19.0	295.2	24.03	285.5	23.64	271.1	23.03	259.2	22.41	247.3	21.77	232.7	20.72	218.5	19.85	199.7	18.70
	25.0	23.0	299.5	22.90	288.1	22.50	271.1	21.91	259.2	21.30	247.3	20.70	232.7	19.68	218.5	18.83	199.7	17.71
	30.0	28.0	299.5	21.76	288.1	21.37	271.1	20.79	259.2	20.20	247.3	19.61	232.7	18.65	218.5	17.82	199.7	16.73
	35.0	32.0	299.5	20.62	288.1	20.24	271.1	19.67	259.2	19.10	247.3	18.54	232.7	17.61	218.5	16.82	199.7	15.74
	40.0	36.0	299.5	19.50	288.1	19.11	271.1	18.55	259.2	18.00	247.3	17.45	232.7	16.58	218.5	15.80	199.7	14.76
	45.0	41.0	299.5	18.38	288.1	18.00	271.1	17.45	259.2	16.93	247.3	16.41	232.7	15.57	218.5	14.81	199.7	13.80
	47.0	43.0	299.5	18.03	288.1	17.67	271.1	17.13	259.2	16.62	**247.3**	**16.10**	232.7	15.27	218.5	14.53	199.7	13.55
	50.0	46.0	299.5	17.60	288.1	17.25	271.1	16.72	259.2	16.22	247.3	15.72	232.7	14.91	218.5	14.19	199.7	13.22
	55.0	51.0	299.5	16.93	288.1	16.60	271.1	16.08	259.2	15.61	247.3	15.12	232.7	14.34	218.5	13.65	199.7	12.72
	60.0	56.0	299.5	16.21	288.1	15.88	271.1	15.39	259.2	14.93	247.3	14.47	232.7	13.73	218.5	13.07	199.7	12.17
80	-12.6	-13.0	173.5	14.16	173.5	14.51	173.5	15.03	172.9	15.81	172.3	16.61	172.3	18.28	172.3	19.29	172.3	20.64
	-7.0	-7.6	191.2	15.37	191.2	15.72	191.2	16.24	190.5	17.03	190.0	17.81	190.0	19.42	190.0	20.28	190.0	21.42
	-4.0	-4.4	201.8	16.09	201.8	16.44	201.8	16.97	201.1	17.75	200.5	18.54	199.4	20.10	197.0	20.87	193.8	21.89
	0.0	-0.4	215.3	16.99	215.3	17.33	215.3	17.86	214.5	18.65	213.6	19.43	205.8	20.68	196.0	20.77	182.9	20.89
	5.0	4.5	232.9	18.11	232.9	18.46	232.9	18.98	226.8	19.76	220.9	20.55	207.7	20.27	195.3	19.71	178.8	18.97
	10.0	9.0	255.6	19.23	250.5	19.57	242.7	20.10	232.0	20.33	221.5	20.56	207.7	19.38	195.3	18.83	178.8	18.09
	15.0	14.0	267.8	20.48	258.0	20.67	243.2	20.97	232.3	20.29	221.5	19.62	207.7	18.51	195.3	17.96	178.8	17.23
	20.0	19.0	267.8	20.72	258.0	20.40	243.2	19.93	232.3	19.29	221.5	18.64	207.7	17.59	195.3	17.06	178.8	16.34
	25.0	23.0	267.8	19.70	258.0	19.38	243.2	18.92	232.3	18.30	221.5	17.68	207.7	16.70	195.3	16.17	178.8	15.47
	30.0	28.0	267.8	18.68	258.0	18.37	243.2	17.91	232.3	17.31	221.5	16.71	207.7	15.81	195.3	15.29	178.8	14.59
	35.0	32.0	267.8	17.66	258.0	17.35	243.2	16.89	232.3	16.32	221.5	15.75	207.7	14.92	195.3	14.41	178.8	13.72
	40.0	36.0	267.8	16.64	258.0	16.33	243.2	15.88	232.3	15.33	221.5	14.78	207.7	14.03	195.3	13.52	178.8	12.84
	45.0	41.0	267.8	15.63	258.0	15.34	243.2	14.89	232.3	14.37	221.5	13.85	207.7	13.17	195.3	12.65	178.8	11.98
	47.0	43.0	267.8	15.34	258.0	15.06	243.2	14.62	232.3	14.10	**221.5**	**13.60**	207.7	12.92	195.3	12.42	178.8	11.77
	50.0	46.0	267.8	14.97	258.0	14.69	243.2	14.27	232.3	13.77	221.5	13.26	207.7	12.61	195.3	12.12	178.8	11.48
	55.0	51.0	267.8	14.40	258.0	14.14	243.2	13.72	232.3	13.25	221.5	12.76	207.7	12.12	195.3	11.66	178.8	11.05
	60.0	56.0	267.8	13.79	258.0	13.53	243.2	13.14	232.3	12.68	221.5	12.22	207.7	11.61	195.3	11.16	178.8	10.57

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.
Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.
Nominal heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Heating Capacity ARUN240BTE4, ARUN240DTE4 / ARUB240BTE4, ARUB240DTE4

240,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
70	-12.6	-13.0	173.5	13.51	173.5	14.05	173.5	14.86	172.9	15.73	172.3	16.61	171.0	18.28	168.2	19.30	164.4	20.64
	-7.0	-7.6	191.2	14.72	191.2	15.25	191.2	16.07	189.0	17.02	187.0	17.98	177.4	19.35	167.2	19.96	153.7	20.78
	-4.0	-4.4	201.8	15.44	201.8	15.99	201.8	16.79	194.7	17.80	187.6	18.80	177.4	19.99	167.2	20.37	153.7	20.86
	0.0	-0.4	218.4	16.34	213.7	16.88	206.3	17.68	197.1	18.75	187.7	19.82	177.4	19.83	167.2	19.51	153.7	19.11
	5.0	4.5	226.9	17.46	218.8	18.00	206.5	18.80	197.1	19.25	187.7	19.70	177.4	18.86	167.2	18.52	153.7	18.08
	10.0	9.0	227.0	18.58	218.8	19.11	206.5	19.92	197.1	19.32	187.7	18.72	177.4	17.90	167.2	17.53	153.7	17.05
	15.0	14.0	227.0	20.48	218.8	19.97	206.5	19.21	197.1	18.48	187.7	17.75	177.4	16.96	167.2	16.56	153.7	16.03
	20.0	19.0	227.0	19.33	218.8	18.85	206.5	18.12	197.1	17.43	187.7	16.74	177.4	15.98	167.2	15.55	153.7	14.98
	25.0	23.0	227.0	18.20	218.8	17.74	206.5	17.05	197.1	16.40	187.7	15.75	177.4	15.02	167.2	14.56	153.7	13.96
	30.0	28.0	227.0	17.07	218.8	16.63	206.5	15.98	197.1	15.37	187.7	14.76	177.4	14.05	167.2	13.57	153.7	12.92
	35.0	32.0	227.0	15.93	218.8	15.53	206.5	14.92	197.1	14.34	187.7	13.77	177.4	13.10	167.2	12.58	153.7	11.89
	40.0	36.0	227.0	14.81	218.8	14.42	206.5	13.85	197.1	13.32	187.7	12.79	177.4	12.13	167.2	11.58	153.7	10.86
	45.0	41.0	227.0	13.72	218.8	13.36	206.5	12.82	197.1	12.32	187.7	11.82	177.4	11.21	167.2	10.64	153.7	9.87
	47.0	43.0	227.0	13.46	218.8	13.11	206.5	12.58	197.1	12.09	**187.7**	**11.61**	177.4	11.00	167.2	10.44	153.7	9.69
	50.0	46.0	227.0	13.13	218.8	12.79	206.5	12.28	197.1	11.80	187.7	11.33	177.4	10.73	167.2	10.19	153.7	9.46
	55.0	51.0	227.0	12.64	218.8	12.30	206.5	11.81	197.1	11.36	187.7	10.90	177.4	10.33	167.2	9.79	153.7	9.09
	60.0	56.0	227.0	12.09	218.8	11.78	206.5	11.31	197.1	10.87	187.7	10.44	177.4	9.88	167.2	9.38	153.7	8.71
60	-12.6	-13.0	167.7	13.51	167.7	14.02	167.7	14.79	164.3	15.78	161.0	16.77	151.6	18.47	143.3	19.48	132.2	20.83
	-7.0	-7.6	181.0	14.72	179.7	15.23	177.7	16.00	169.3	17.02	161.0	18.05	151.6	18.76	143.3	19.43	132.2	20.33
	-4.0	-4.4	193.0	15.44	186.9	15.95	177.7	16.72	169.3	17.74	161.0	18.77	151.6	18.96	143.3	18.50	132.2	17.89
	0.0	-0.4	194.3	16.34	187.7	16.85	177.7	17.61	169.3	18.26	161.0	18.90	151.6	18.27	143.3	17.68	132.2	16.90
	5.0	4.5	194.3	17.46	187.7	17.97	177.7	18.73	169.3	18.33	161.0	17.92	151.6	17.29	143.3	16.71	132.2	15.92
	10.0	9.0	194.3	19.36	187.7	19.09	177.7	18.67	169.3	17.81	161.0	16.95	151.6	16.31	143.3	15.72	132.2	14.95
	15.0	14.0	194.3	18.85	187.7	18.36	177.7	17.61	169.3	16.80	161.0	16.00	151.6	15.35	143.3	14.76	132.2	13.99
	20.0	19.0	194.3	17.74	187.7	17.25	177.7	16.50	169.3	15.75	161.0	15.00	151.6	14.35	143.3	13.77	132.2	13.00
	25.0	23.0	194.3	16.65	187.7	16.15	177.7	15.41	169.3	14.71	161.0	14.02	151.6	13.36	143.3	12.78	132.2	12.02
	30.0	28.0	194.3	15.57	187.7	15.07	177.7	14.32	169.3	13.69	161.0	13.05	151.6	12.39	143.3	11.81	132.2	11.04
	35.0	32.0	194.3	14.48	187.7	13.98	177.7	13.23	169.3	12.66	161.0	12.08	151.6	11.40	143.3	10.83	132.2	10.06
	40.0	36.0	194.3	13.40	187.7	12.90	177.7	12.14	169.3	11.62	161.0	11.11	151.6	10.43	143.3	9.85	132.2	9.08
	45.0	41.0	194.3	12.34	187.7	11.85	177.7	11.09	169.3	10.64	161.0	10.17	151.6	9.49	143.3	8.92	132.2	8.16
	47.0	43.0	194.3	12.12	187.7	11.62	177.7	10.89	169.3	10.44	**161.0**	**9.98**	151.6	9.31	143.3	8.75	132.2	8.00
	50.0	46.0	194.3	11.83	187.7	11.35	177.7	10.63	169.3	10.19	161.0	9.74	151.6	9.09	143.3	8.55	132.2	7.82
	55.0	51.0	194.3	11.37	187.7	10.92	177.7	10.23	169.3	9.79	161.0	9.37	151.6	8.75	143.3	8.21	132.2	7.51
	60.0	56.0	194.3	10.90	187.7	10.45	177.7	9.79	169.3	9.38	161.0	8.97	151.6	8.37	143.3	7.87	132.2	7.19
50	-12.6	-13.0	162.5	12.22	156.6	13.02	147.7	14.23	141.0	15.26	134.4	16.29	126.5	17.01	119.0	17.68	109.2	18.57
	-7.0	-7.6	162.5	13.43	156.6	14.23	147.7	15.44	141.0	16.07	134.4	16.69	126.5	17.13	119.0	16.34	109.2	15.27
	-4.0	-4.4	162.5	14.15	156.6	14.95	147.7	16.16	141.0	16.79	134.4	17.41	126.5	16.54	119.0	15.77	109.2	14.74
	0.0	-0.4	162.5	15.05	156.6	15.85	147.7	17.06	141.0	16.92	134.4	16.79	126.5	15.82	119.0	15.08	109.2	14.09
	5.0	4.5	162.5	17.03	156.6	16.97	147.7	16.89	141.0	16.36	134.4	15.83	126.5	14.92	119.0	14.20	109.2	13.26
	10.0	9.0	162.5	17.62	156.6	16.93	147.7	15.88	141.0	15.38	134.4	14.87	126.5	14.01	119.0	13.34	109.2	12.44
	15.0	14.0	162.5	16.54	156.6	15.89	147.7	14.91	141.0	14.42	134.4	13.93	126.5	13.12	119.0	12.48	109.2	11.62
	20.0	19.0	162.5	15.43	156.6	14.81	147.7	13.89	141.0	13.42	134.4	12.95	126.5	12.20	119.0	11.59	109.2	10.78
	25.0	23.0	162.5	14.32	156.6	13.75	147.7	12.89	141.0	12.44	134.4	11.99	126.5	11.30	119.0	10.72	109.2	9.96
	30.0	28.0	162.5	13.22	156.6	12.69	147.7	11.90	141.0	11.46	134.4	11.03	126.5	10.40	119.0	9.85	109.2	9.13
	35.0	32.0	162.5	12.12	156.6	11.63	147.7	10.90	141.0	10.48	134.4	10.07	126.5	9.49	119.0	8.98	109.2	8.30
	40.0	36.0	162.5	11.01	156.6	10.57	147.7	9.90	141.0	9.50	134.4	9.10	126.5	8.58	119.0	8.11	109.2	7.48
	45.0	41.0	162.5	9.96	156.6	9.55	147.7	8.95	141.0	8.56	134.4	8.19	126.5	7.73	119.0	7.28	109.2	6.70
	47.0	43.0	162.5	9.77	156.6	9.38	147.7	8.78	141.0	8.41	**134.4**	**8.03**	126.5	7.58	119.0	7.14	109.2	6.57
	50.0	46.0	162.5	9.54	156.6	9.15	147.7	8.57	141.0	8.21	134.4	7.85	126.5	7.40	119.0	6.97	109.2	6.41
	55.0	51.0	162.5	9.19	156.6	8.81	147.7	8.24	141.0	7.90	134.4	7.54	126.5	7.12	119.0	6.71	109.2	6.17
	60.0	56.0	162.5	8.79	156.6	8.43	147.7	7.89	141.0	7.56	134.4	7.22	126.5	6.81	119.0	6.42	109.2	5.90

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.
Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.
Nominal heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

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PERFORMANCE DATA

ARUN264BTE4, ARUN264DTE4 / ARUB264BTE4, ARUB264DTE4 Heating Capacity

264,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
130	-12.6	-13.0	206.1	15.34	206.1	16.18	206.1	17.45	205.4	18.51	204.8	19.57	204.4	20.67	203.6	21.20	202.6	21.91
	-7.0	-7.6	224.2	16.61	224.2	17.45	224.2	18.72	223.5	19.78	222.9	20.85	222.5	21.94	221.6	22.47	220.5	23.18
	-4.0	-4.4	235.1	17.37	235.1	18.21	235.1	19.49	234.4	20.55	233.7	21.61	233.3	22.70	232.4	23.23	231.3	23.94
	0.0	-0.4	248.7	18.31	248.7	19.16	248.7	20.43	247.8	21.49	247.1	22.55	246.6	23.64	245.7	24.17	244.5	24.88
	5.0	4.5	265.4	19.49	265.4	20.34	265.4	21.61	264.7	22.67	263.8	23.72	263.3	24.83	262.3	25.35	261.0	26.06
	10.0	9.0	282.3	20.67	282.3	21.51	282.3	22.78	281.4	23.84	280.5	24.91	280.0	26.00	279.0	26.53	277.6	27.24
	15.0	14.0	298.7	21.82	298.7	22.67	298.7	23.94	297.8	25.00	296.9	26.06	296.4	27.15	295.3	27.68	293.8	28.39
	20.0	19.0	315.9	23.02	315.9	23.87	315.9	25.14	315.0	26.20	313.9	27.26	313.4	27.67	312.3	27.26	310.7	26.70
	25.0	23.0	332.8	24.20	332.8	25.04	332.8	26.31	331.7	26.97	330.7	27.63	330.1	26.78	328.9	26.33	327.3	25.73
	30.0	28.0	349.6	25.37	349.6	26.23	349.6	27.50	348.5	27.14	347.4	26.78	345.3	25.89	340.8	25.41	334.8	24.76
	35.0	32.0	366.5	27.38	366.5	27.40	366.5	27.45	365.3	26.69	364.1	25.94	356.5	25.01	342.6	24.49	324.3	23.79
	40.0	36.0	383.3	28.10	383.3	27.49	383.3	26.58	381.5	25.83	379.6	25.08	361.7	24.12	340.8	23.56	312.8	22.82
	45.0	41.0	394.8	27.12	394.8	26.55	394.8	25.70	390.2	24.96	385.5	24.23	362.1	23.23	340.6	22.64	312.1	21.85
	47.0	43.0	395.9	26.67	395.9	26.11	395.9	25.27	390.7	24.54	**385.5**	**23.82**	362.1	22.84	340.6	22.26	312.1	21.49
	50.0	46.0	396.6	26.10	396.6	25.55	396.6	24.73	391.0	24.02	385.5	23.32	362.1	22.36	340.6	21.79	312.1	21.04
	55.0	51.0	396.6	25.25	396.6	24.72	396.6	23.92	391.0	23.24	385.5	22.55	362.1	21.63	340.6	21.07	312.1	20.34
	60.0	56.0	396.6	24.32	396.6	23.81	396.6	23.04	391.0	22.37	385.5	21.71	362.1	20.83	340.6	20.30	312.1	19.60
120	-12.6	-13.0	204.6	16.61	204.6	17.45	204.6	18.72	204.0	19.15	203.3	19.57	202.9	21.22	202.2	21.58	201.1	22.04
	-7.0	-7.6	222.7	17.88	222.7	18.72	222.7	20.00	222.0	20.42	221.2	20.85	220.8	22.49	220.0	22.85	218.9	23.31
	-4.0	-4.4	233.4	18.64	233.4	19.49	233.4	20.76	232.8	21.18	232.1	21.61	231.7	23.26	230.8	23.61	229.6	24.08
	0.0	-0.4	246.9	19.58	246.9	20.43	246.9	21.71	246.1	22.12	245.3	22.55	244.9	24.20	244.0	24.55	242.8	25.02
	5.0	4.5	263.6	20.76	263.6	21.61	263.6	22.88	262.8	23.31	261.9	23.72	261.5	25.37	260.5	25.73	259.2	26.20
	10.0	9.0	280.3	21.94	280.3	22.78	280.3	24.05	279.4	24.48	278.5	24.91	278.0	26.56	277.0	26.91	275.6	27.38
	15.0	14.0	296.7	23.09	296.7	23.94	296.7	25.21	295.7	25.64	294.8	26.06	294.3	27.71	293.2	28.06	291.8	28.53
	20.0	19.0	313.7	24.30	313.7	25.14	313.7	26.41	312.8	27.14	311.7	27.86	311.2	27.29	310.1	27.02	308.5	26.66
	25.0	23.0	330.4	25.47	330.4	26.31	330.4	27.59	329.4	27.28	328.3	26.97	326.3	26.44	321.9	26.15	316.0	25.78
	30.0	28.0	347.2	27.63	347.2	27.50	347.2	27.30	346.1	26.70	345.0	26.09	336.5	25.59	321.2	25.30	301.0	24.90
	35.0	32.0	363.9	27.94	363.9	27.29	363.9	26.33	360.4	25.76	357.1	25.21	340.3	24.75	319.8	24.43	292.5	24.01
	40.0	36.0	380.6	26.71	380.6	26.16	380.6	25.35	371.0	24.84	361.4	24.32	340.5	23.90	319.7	23.57	292.1	23.13
	45.0	41.0	393.6	25.50	391.9	25.04	389.2	24.36	375.3	23.90	361.4	23.43	340.5	23.05	319.7	22.70	292.1	22.24
	47.0	43.0	395.2	25.07	392.8	24.63	389.2	23.96	375.3	23.50	**361.4**	**23.04**	340.5	22.66	319.7	22.32	292.1	21.87
	50.0	46.0	396.2	24.53	393.4	24.10	389.2	23.45	375.3	23.00	361.4	22.54	340.5	22.17	319.7	21.85	292.1	21.41
	55.0	51.0	396.2	23.73	393.4	23.31	389.2	22.68	375.3	22.25	361.4	21.80	340.5	21.45	319.7	21.13	292.1	20.70
	60.0	56.0	396.2	22.86	393.4	22.45	389.2	21.84	375.3	21.43	361.4	21.00	340.5	20.66	319.7	20.35	292.1	19.94
110	-12.6	-13.0	203.5	18.16	203.5	18.72	203.5	19.57	202.9	20.31	202.2	21.05	201.8	21.86	201.1	22.67	200.0	23.76
	-7.0	-7.6	221.4	19.43	221.4	20.00	221.4	20.85	220.8	21.59	220.1	22.33	219.7	23.13	218.9	23.94	217.7	25.03
	-4.0	-4.4	232.2	20.19	232.2	20.76	232.2	21.61	231.5	22.35	230.8	23.09	230.4	23.89	229.5	24.71	228.3	25.79
	0.0	-0.4	245.5	21.13	245.5	21.71	245.5	22.55	244.8	23.29	244.0	24.04	243.6	24.84	242.7	25.65	241.5	26.73
	5.0	4.5	262.1	22.32	262.1	22.88	262.1	23.72	261.3	24.47	260.5	25.21	260.3	26.02	259.9	26.83	259.3	27.91
	10.0	9.0	278.8	23.49	278.8	24.05	278.8	24.91	277.9	25.65	277.0	26.39	277.0	27.19	277.0	28.01	277.0	29.09
	15.0	14.0	295.0	24.65	295.0	25.21	295.0	26.06	294.1	26.81	293.2	27.55	292.9	27.65	292.3	26.98	291.6	26.08
	20.0	19.0	312.1	25.85	312.1	26.41	312.1	27.26	311.0	27.28	310.1	27.30	302.7	26.65	289.2	25.99	271.2	25.12
	25.0	23.0	328.6	27.65	328.6	27.59	328.6	27.50	325.6	26.90	322.5	26.29	305.5	25.66	288.2	25.02	265.1	24.17
	30.0	28.0	345.2	27.58	345.2	27.07	345.2	26.31	334.9	25.80	324.5	25.29	305.5	24.67	288.2	24.06	265.1	23.23
	35.0	32.0	366.5	26.16	361.9	25.76	355.0	25.13	339.7	24.71	324.5	24.28	305.5	23.68	288.2	23.08	265.1	22.28
	40.0	36.0	387.2	24.75	375.3	24.43	357.5	23.96	341.0	23.61	324.5	23.26	305.5	22.70	288.2	22.11	265.1	21.33
	45.0	41.0	392.0	23.38	378.2	23.14	357.5	22.79	341.0	22.53	324.5	22.27	305.5	21.72	288.2	21.15	265.1	20.39
	47.0	43.0	392.0	22.98	378.2	22.76	357.5	22.41	341.0	22.15	**324.5**	**21.89**	305.5	21.35	288.2	20.80	265.1	20.06
	50.0	46.0	392.0	22.50	378.2	22.28	357.5	21.94	341.0	21.69	324.5	21.43	305.5	20.90	288.2	20.35	265.1	19.63
	55.0	51.0	392.0	21.76	378.2	21.54	357.5	21.22	341.0	20.98	324.5	20.73	305.5	20.21	288.2	19.69	265.1	18.99
	60.0	56.0	392.0	20.96	378.2	20.75	357.5	20.44	341.0	20.20	324.5	19.96	305.5	19.47	288.2	18.96	265.1	18.29

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.
Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.
Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Heating Capacity ARUN264BTE4, ARUN264DTE4 / ARUB264BTE4, ARUB264DTE4

264,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
100	-12.6	-13.0	202.7	17.72	202.7	18.80	202.7	20.42	202.0	21.02	201.4	21.61	201.0	22.77	200.3	23.44	199.2	24.33
	-7.0	-7.6	220.5	18.99	220.5	20.07	220.5	21.69	219.9	22.29	219.2	22.88	218.8	24.04	217.9	24.71	216.8	25.60
	-4.0	-4.4	231.3	19.75	231.3	20.83	231.3	22.45	230.6	23.05	229.8	23.64	229.4	24.81	228.6	25.47	227.4	26.37
	0.0	-0.4	244.2	20.70	243.7	21.78	243.0	23.39	242.6	23.99	242.3	24.58	241.9	25.75	241.0	26.41	239.8	27.32
	5.0	4.5	260.2	21.88	260.2	22.96	260.2	24.58	259.5	25.17	258.8	25.77	258.3	26.92	257.4	27.60	256.1	28.49
	10.0	9.0	278.1	23.05	277.3	24.13	276.2	25.75	276.0	26.35	275.9	26.94	272.5	27.61	265.2	27.21	255.6	26.68
	15.0	14.0	293.4	24.21	293.4	25.29	293.4	26.91	292.8	26.98	292.0	27.05	279.6	26.62	263.2	25.93	241.4	25.01
	20.0	19.0	317.0	25.66	315.9	26.49	314.1	27.73	305.6	26.83	297.0	25.92	279.6	25.36	263.2	24.68	241.4	23.78
	25.0	23.0	337.3	27.18	332.5	26.76	325.3	26.13	311.1	25.47	297.0	24.81	279.6	24.13	263.2	23.46	241.4	22.57
	30.0	28.0	353.3	26.10	342.6	25.67	326.5	25.01	311.7	24.36	297.0	23.70	279.6	22.90	263.2	22.24	241.4	21.36
	35.0	32.0	359.2	25.02	346.1	24.57	326.5	23.90	311.7	23.25	297.0	22.60	279.6	21.66	263.2	21.02	241.4	20.16
	40.0	36.0	359.2	23.95	346.1	23.48	326.5	22.80	311.7	22.14	297.0	21.49	279.6	20.43	263.2	19.79	241.4	18.95
	45.0	41.0	359.2	22.88	346.1	22.40	326.5	21.70	311.7	21.05	297.0	20.40	279.6	19.23	263.2	18.61	241.4	17.78
	47.0	43.0	359.2	22.50	346.1	22.03	326.5	21.34	311.7	20.70	**297.0**	**20.06**	279.6	18.91	263.2	18.30	241.4	17.48
	50.0	46.0	359.2	22.02	346.1	21.56	326.5	20.89	311.7	20.26	297.0	19.63	279.6	18.51	263.2	17.90	241.4	17.10
	55.0	51.0	359.2	21.29	346.1	20.86	326.5	20.21	311.7	19.59	297.0	18.99	279.6	17.90	263.2	17.32	241.4	16.55
	60.0	56.0	359.2	20.51	346.1	20.09	326.5	19.46	311.7	18.88	297.0	18.29	279.6	17.24	263.2	16.69	241.4	15.94
90	-12.6	-13.0	201.8	18.54	201.8	18.97	201.8	19.60	201.2	20.31	200.6	21.00	200.2	22.30	199.5	23.36	198.5	24.78
	-7.0	-7.6	219.7	19.81	219.7	20.24	219.7	20.88	219.0	21.58	218.2	22.27	217.8	23.57	217.0	24.63	215.9	26.05
	-4.0	-4.4	230.4	20.58	230.4	21.00	230.4	21.64	229.6	22.34	228.9	23.04	228.5	24.33	227.6	25.40	226.5	26.81
	0.0	-0.4	244.2	21.53	243.7	21.94	243.0	22.58	242.5	23.28	242.0	23.98	241.1	25.28	239.0	26.34	236.4	27.75
	5.0	4.5	260.2	22.70	260.2	23.13	260.2	23.76	259.3	24.46	258.4	25.16	252.0	25.92	241.8	25.82	228.2	25.68
	10.0	9.0	278.1	23.87	277.3	24.30	276.2	24.94	273.5	25.64	270.6	26.33	256.0	25.46	240.4	24.48	219.6	23.17
	15.0	14.0	293.4	25.03	293.4	25.45	293.4	26.09	282.7	25.82	272.0	25.56	256.0	24.37	240.4	23.41	219.6	22.11
	20.0	19.0	324.7	26.80	314.1	26.38	298.2	25.73	285.1	25.06	272.0	24.39	256.0	23.24	240.4	22.28	219.6	21.02
	25.0	23.0	329.4	25.62	317.0	25.18	298.2	24.55	285.1	23.89	272.0	23.24	256.0	22.12	240.4	21.19	219.6	19.95
	30.0	28.0	329.4	24.43	317.0	24.00	298.2	23.37	285.1	22.72	272.0	22.08	256.0	21.01	240.4	20.09	219.6	18.88
	35.0	32.0	329.4	23.24	317.0	22.82	298.2	22.18	285.1	21.56	272.0	20.93	256.0	19.89	240.4	19.00	219.6	17.80
	40.0	36.0	329.4	22.06	317.0	21.63	298.2	21.00	285.1	20.39	272.0	19.77	256.0	18.78	240.4	17.91	219.6	16.73
	45.0	41.0	329.4	20.89	317.0	20.47	298.2	19.84	285.1	19.25	272.0	18.66	256.0	17.70	240.4	16.84	219.6	15.69
	47.0	43.0	329.4	20.54	317.0	20.13	298.2	19.51	285.1	18.93	**272.0**	**18.34**	256.0	17.40	240.4	16.55	219.6	15.43
	50.0	46.0	329.4	20.11	317.0	19.70	298.2	19.10	285.1	18.53	272.0	17.95	256.0	17.03	240.4	16.21	219.6	15.10
	55.0	51.0	329.4	19.45	317.0	19.06	298.2	18.47	285.1	17.92	272.0	17.37	256.0	16.47	240.4	15.68	219.6	14.61
	60.0	56.0	329.4	18.73	317.0	18.35	298.2	17.79	285.1	17.26	272.0	16.73	256.0	15.86	240.4	15.10	219.6	14.07
80	-12.6	-13.0	201.0	16.24	201.0	16.60	201.0	17.15	200.4	17.97	199.7	18.81	199.4	20.58	198.6	21.63	197.6	23.05
	-7.0	-7.6	218.8	17.51	218.8	17.87	218.8	18.42	218.0	19.25	217.4	20.08	216.4	21.77	214.4	22.67	211.6	23.87
	-4.0	-4.4	229.4	18.27	229.4	18.63	229.4	19.19	228.7	20.02	228.0	20.84	224.1	22.49	216.0	23.30	205.1	24.37
	0.0	-0.4	242.6	19.21	242.6	19.57	242.6	20.13	240.9	20.96	239.1	21.78	227.7	23.10	215.2	23.18	198.3	23.30
	5.0	4.5	259.3	20.39	259.3	20.76	259.3	21.30	251.4	22.13	243.6	22.96	228.4	22.64	214.9	22.04	196.7	21.23
	10.0	9.0	282.1	21.57	276.3	21.93	267.4	22.49	255.4	22.72	243.6	22.96	228.4	21.68	214.9	21.07	196.7	20.27
	15.0	14.0	294.6	22.89	283.8	23.09	267.5	23.40	255.5	22.67	243.6	21.95	228.4	20.74	214.9	20.14	196.7	19.34
	20.0	19.0	294.6	23.14	283.8	22.80	267.5	22.29	255.5	21.60	243.6	20.89	228.4	19.75	214.9	19.16	196.7	18.37
	25.0	23.0	294.6	22.06	283.8	21.72	267.5	21.22	255.5	20.54	243.6	19.86	228.4	18.79	214.9	18.20	196.7	17.41
	30.0	28.0	294.6	20.98	283.8	20.65	267.5	20.14	255.5	19.48	243.6	18.82	228.4	17.83	214.9	17.24	196.7	16.46
	35.0	32.0	294.6	19.91	283.8	19.57	267.5	19.06	255.5	18.43	243.6	17.79	228.4	16.87	214.9	16.29	196.7	15.51
	40.0	36.0	294.6	18.83	283.8	18.49	267.5	17.98	255.5	17.37	243.6	16.75	228.4	15.90	214.9	15.32	196.7	14.55
	45.0	41.0	294.6	17.78	283.8	17.44	267.5	16.93	255.5	16.34	243.6	15.75	228.4	14.97	214.9	14.39	196.7	13.63
	47.0	43.0	294.6	17.48	283.8	17.15	267.5	16.65	255.5	16.07	**243.6**	**15.49**	228.4	14.72	214.9	14.15	196.7	13.40
	50.0	46.0	294.6	17.10	283.8	16.78	267.5	16.30	255.5	15.73	243.6	15.15	228.4	14.41	214.9	13.85	196.7	13.11
	55.0	51.0	294.6	16.55	283.8	16.24	267.5	15.76	255.5	15.21	243.6	14.66	228.4	13.93	214.9	13.40	196.7	12.69
	60.0	56.0	294.6	15.94	283.8	15.63	267.5	15.18	255.5	14.65	243.6	14.12	228.4	13.42	214.9	12.90	196.7	12.22

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.
Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.
Nominal heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

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PERFORMANCE DATA

ARUN264BTE4, ARUN264DTE4 / ARUB264BTE4, ARUB264DTE4 Heating Capacity

264,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
70	-12.6	-13.0	201.0	15.49	201.0	16.05	201.0	16.91	200.1	17.83	199.1	18.76	192.7	20.52	184.8	21.58	174.2	23.00
	-7.0	-7.6	214.1	16.76	214.1	17.32	214.1	18.18	210.2	19.19	206.4	20.21	195.1	21.64	183.9	22.29	169.0	23.14
	-4.0	-4.4	221.9	17.52	221.9	18.09	221.9	18.94	214.1	20.00	206.4	21.07	195.1	22.32	183.9	22.72	169.0	23.23
	0.0	-0.4	233.6	18.46	230.4	19.04	225.4	19.88	216.0	21.01	206.4	22.14	195.1	22.13	183.9	21.79	169.0	21.35
	5.0	4.5	244.9	19.65	237.7	20.21	226.8	21.05	216.7	21.53	206.4	22.00	195.1	21.08	183.9	20.71	169.0	20.21
	10.0	9.0	249.7	20.82	240.7	21.38	227.2	22.24	216.9	21.58	206.4	20.93	195.1	20.03	183.9	19.63	169.0	19.09
	15.0	14.0	249.7	22.83	240.7	22.28	227.2	21.46	216.9	20.67	206.4	19.88	195.1	19.01	183.9	18.56	169.0	17.97
	20.0	19.0	249.7	21.60	240.7	21.08	227.2	20.29	216.9	19.54	206.4	18.79	195.1	17.94	183.9	17.45	169.0	16.82
	25.0	23.0	249.7	20.39	240.7	19.89	227.2	19.14	216.9	18.42	206.4	17.70	195.1	16.89	183.9	16.37	169.0	15.70
	30.0	28.0	249.7	19.18	240.7	18.70	227.2	17.98	216.9	17.31	206.4	16.63	195.1	15.84	183.9	15.29	169.0	14.56
	35.0	32.0	249.7	17.97	240.7	17.52	227.2	16.84	216.9	16.19	206.4	15.56	195.1	14.80	183.9	14.21	169.0	13.43
	40.0	36.0	249.7	16.76	240.7	16.33	227.2	15.69	216.9	15.09	206.4	14.49	195.1	13.74	183.9	13.12	169.0	12.31
	45.0	41.0	249.7	15.60	240.7	15.19	227.2	14.58	216.9	14.01	206.4	13.45	195.1	12.74	183.9	12.09	169.0	11.23
	47.0	43.0	249.7	15.33	240.7	14.94	227.2	14.33	216.9	13.78	**206.4**	**13.22**	195.1	12.53	183.9	11.89	169.0	11.04
	50.0	46.0	249.7	15.00	240.7	14.61	227.2	14.03	216.9	13.48	206.4	12.94	195.1	12.26	183.9	11.64	169.0	10.80
	55.0	51.0	249.7	14.52	240.7	14.13	227.2	13.57	216.9	13.04	206.4	12.52	195.1	11.86	183.9	11.25	169.0	10.44
	60.0	56.0	249.7	13.97	240.7	13.61	227.2	13.07	216.9	12.56	206.4	12.06	195.1	11.42	183.9	10.84	169.0	10.06
60	-12.6	-13.0	184.4	15.43	184.4	15.98	184.4	16.78	180.8	17.82	177.1	18.86	166.8	20.64	157.6	21.70	145.4	23.11
	-7.0	-7.6	199.1	16.70	197.6	17.25	195.4	18.05	186.3	19.13	177.1	20.21	166.8	20.96	157.6	21.67	145.4	22.61
	-4.0	-4.4	212.3	17.46	205.5	18.01	195.4	18.81	186.3	19.89	177.1	20.97	166.8	21.16	157.6	20.65	145.4	19.97
	0.0	-0.4	213.8	18.42	206.4	18.95	195.4	19.75	186.3	20.42	177.1	21.09	166.8	20.40	157.6	19.75	145.4	18.89
	5.0	4.5	213.8	19.59	206.4	20.13	195.4	20.93	186.3	20.48	177.1	20.03	166.8	19.32	157.6	18.68	145.4	17.82
	10.0	9.0	213.8	21.60	206.4	21.30	195.4	20.85	186.3	19.91	177.1	18.96	166.8	18.26	157.6	17.60	145.4	16.75
	15.0	14.0	213.8	21.05	206.4	20.51	195.4	19.69	186.3	18.80	177.1	17.92	166.8	17.21	157.6	16.55	145.4	15.69
	20.0	19.0	213.8	19.85	206.4	19.31	195.4	18.48	186.3	17.66	177.1	16.83	166.8	16.11	157.6	15.46	145.4	14.60
	25.0	23.0	213.8	18.68	206.4	18.13	195.4	17.30	186.3	16.53	177.1	15.77	166.8	15.03	157.6	14.38	145.4	13.53
	30.0	28.0	213.8	17.51	206.4	16.96	195.4	16.12	186.3	15.42	177.1	14.71	166.8	13.96	157.6	13.31	145.4	12.44
	35.0	32.0	213.8	16.34	206.4	15.78	195.4	14.94	186.3	14.29	177.1	13.64	166.8	12.88	157.6	12.24	145.4	11.37
	40.0	36.0	213.8	15.17	206.4	14.60	195.4	13.75	186.3	13.17	177.1	12.58	166.8	11.81	157.6	11.16	145.4	10.29
	45.0	41.0	213.8	14.04	206.4	13.48	195.4	12.62	186.3	12.09	177.1	11.56	166.8	10.79	157.6	10.14	145.4	9.28
	47.0	43.0	213.8	13.81	206.4	13.24	195.4	12.41	186.3	11.89	**177.1**	**11.37**	166.8	10.61	157.6	9.97	145.4	9.12
	50.0	46.0	213.8	13.51	206.4	12.96	195.4	12.14	186.3	11.64	177.1	11.12	166.8	10.38	157.6	9.76	145.4	8.93
	55.0	51.0	213.8	13.07	206.4	12.54	195.4	11.75	186.3	11.25	177.1	10.76	166.8	10.05	157.6	9.44	145.4	8.63
	60.0	56.0	213.8	12.59	206.4	12.08	195.4	11.31	186.3	10.84	177.1	10.37	166.8	9.67	157.6	9.10	145.4	8.31
50	-12.6	-13.0	178.8	13.97	172.3	14.81	162.5	16.08	155.1	17.17	147.8	18.24	139.1	19.00	130.9	19.71	120.1	20.65
	-7.0	-7.6	178.8	15.24	172.3	16.08	162.5	17.35	155.1	18.01	147.8	18.67	139.1	19.11	130.9	18.25	120.1	17.08
	-4.0	-4.4	178.8	16.00	172.3	16.84	162.5	18.11	155.1	18.77	147.8	19.43	139.1	18.46	130.9	17.62	120.1	16.49
	0.0	-0.4	178.8	16.94	172.3	17.78	162.5	19.06	155.1	18.90	147.8	18.75	139.1	17.67	130.9	16.86	120.1	15.76
	5.0	4.5	178.8	19.04	172.3	18.97	162.5	18.85	155.1	18.27	147.8	17.69	139.1	16.69	130.9	15.89	120.1	14.85
	10.0	9.0	178.8	19.66	172.3	18.91	162.5	17.76	155.1	17.20	147.8	16.64	139.1	15.69	130.9	14.94	120.1	13.94
	15.0	14.0	178.8	18.49	172.3	17.77	162.5	16.69	155.1	16.14	147.8	15.61	139.1	14.71	130.9	14.00	120.1	13.05
	20.0	19.0	178.8	17.27	172.3	16.59	162.5	15.58	155.1	15.06	147.8	14.53	139.1	13.70	130.9	13.02	120.1	12.11
	25.0	23.0	178.8	16.06	172.3	15.44	162.5	14.48	155.1	13.98	147.8	13.48	139.1	12.71	130.9	12.06	120.1	11.21
	30.0	28.0	178.8	14.87	172.3	14.28	162.5	13.40	155.1	12.91	147.8	12.42	139.1	11.72	130.9	11.11	120.1	10.29
	35.0	32.0	178.8	13.67	172.3	13.13	162.5	12.30	155.1	11.83	147.8	11.37	139.1	10.72	130.9	10.14	120.1	9.38
	40.0	36.0	178.8	12.46	172.3	11.97	162.5	11.22	155.1	10.76	147.8	10.31	139.1	9.73	130.9	9.19	120.1	8.48
	45.0	41.0	178.8	11.32	172.3	10.86	162.5	10.18	155.1	9.74	147.8	9.31	139.1	8.79	130.9	8.28	120.1	7.61
	47.0	43.0	178.8	11.13	172.3	10.69	162.5	10.00	155.1	9.58	**147.8**	**9.15**	139.1	8.64	130.9	8.14	120.1	7.49
	50.0	46.0	178.8	10.90	172.3	10.46	162.5	9.79	155.1	9.38	147.8	8.96	139.1	8.45	130.9	7.97	120.1	7.32
	55.0	51.0	178.8	10.55	172.3	10.12	162.5	9.47	155.1	9.07	147.8	8.67	139.1	8.18	130.9	7.71	120.1	7.09
	60.0	56.0	178.8	10.16	172.3	9.74	162.5	9.12	155.1	8.74	147.8	8.35	139.1	7.88	130.9	7.42	120.1	6.82

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.
Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.
Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Heating Capacity ARUN288BTE4, ARUN288DTE4 / ARUB288BTE4, ARUB288DTE4

288,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
130	-12.6	-13.0	217.4	15.88	217.4	16.90	217.4	18.44	216.6	19.72	216.0	21.00	216.0	22.34	216.0	22.98	216.0	23.84
	-7.0	-7.6	238.4	17.42	238.4	18.44	238.4	19.98	237.6	21.26	237.0	22.56	237.0	23.88	237.0	24.52	237.0	25.38
	-4.0	-4.4	251.0	18.34	251.0	19.36	251.0	20.90	250.2	22.20	249.6	23.48	249.6	24.80	249.6	25.44	249.6	26.30
	0.0	-0.4	266.8	19.48	266.8	20.50	266.8	22.04	265.8	23.34	265.0	24.62	265.0	25.94	265.0	26.58	265.0	27.44
	5.0	4.5	286.2	20.90	286.2	21.94	286.2	23.48	285.4	24.76	284.4	26.04	284.4	27.38	284.4	28.02	284.4	28.88
	10.0	9.0	305.8	22.34	305.8	23.36	305.8	24.90	304.8	26.18	303.8	27.48	303.8	28.80	303.8	29.44	303.8	30.30
	15.0	14.0	324.8	23.74	324.8	24.76	324.8	26.30	323.8	27.58	322.8	28.88	322.8	30.20	322.8	30.84	322.8	31.70
	20.0	19.0	344.8	25.18	344.8	26.22	344.8	27.76	343.8	29.04	342.6	30.32	342.6	30.82	342.6	30.30	342.6	29.60
	25.0	23.0	364.4	26.62	364.4	27.64	364.4	29.18	363.2	29.96	362.0	30.74	362.0	29.68	362.0	29.14	362.0	28.42
	30.0	28.0	383.8	28.04	383.8	29.08	383.8	30.62	382.6	30.12	381.4	29.62	378.6	28.56	372.8	28.00	364.8	27.24
	35.0	32.0	403.4	30.56	403.4	30.50	403.4	30.42	402.2	29.46	400.8	28.52	390.4	27.44	373.2	26.86	350.4	26.06
	40.0	36.0	423.0	31.18	423.0	30.36	423.0	29.14	420.4	28.28	417.8	27.40	395.0	26.32	371.6	25.70	340.4	24.88
	45.0	41.0	432.6	29.42	432.6	28.80	432.6	27.88	426.6	27.08	420.6	26.28	395.0	25.20	371.6	24.56	340.4	23.70
	47.0	43.0	432.6	28.86	432.6	28.24	432.6	27.34	426.6	26.54	**420.6**	**25.76**	395.0	24.70	371.6	24.08	340.4	23.24
	50.0	46.0	432.6	28.12	432.6	27.52	432.6	26.64	426.6	25.88	420.6	25.12	395.0	24.08	371.6	23.48	340.4	22.66
	55.0	51.0	432.6	26.98	432.6	26.42	432.6	25.56	426.6	24.84	420.6	24.10	395.0	23.12	371.6	22.52	340.4	21.74
	60.0	56.0	432.6	25.76	432.6	25.22	432.6	24.40	426.6	23.70	420.6	23.00	395.0	22.06	371.6	21.50	340.4	20.76
120	-12.6	-13.0	215.8	17.42	215.8	18.44	215.8	19.98	215.2	20.50	214.4	21.00	214.4	23.00	214.4	23.44	214.4	24.00
	-7.0	-7.6	236.8	18.96	236.8	19.98	236.8	21.52	236.0	22.04	235.2	22.56	235.2	24.54	235.2	24.98	235.2	25.54
	-4.0	-4.4	249.2	19.88	249.2	20.90	249.2	22.44	248.6	22.96	247.8	23.48	247.8	25.48	247.8	25.90	247.8	26.48
	0.0	-0.4	264.8	21.02	264.8	22.04	264.8	23.60	264.0	24.10	263.2	24.62	263.2	26.62	263.2	27.04	263.2	27.62
	5.0	4.5	284.2	22.44	284.2	23.48	284.2	25.02	283.4	25.54	282.4	26.04	282.4	28.04	282.4	28.48	282.4	29.04
	10.0	9.0	303.6	23.88	303.6	24.90	303.6	26.44	302.6	26.96	301.6	27.48	301.6	29.48	301.6	29.90	301.6	30.48
	15.0	14.0	322.6	25.28	322.6	26.30	322.6	27.84	321.6	28.36	320.6	28.88	320.6	30.88	320.6	31.30	320.6	31.86
	20.0	19.0	342.4	26.74	342.4	27.76	342.4	29.30	341.4	30.18	340.2	31.04	340.2	30.34	340.2	30.00	340.2	29.56
	25.0	23.0	361.8	28.16	361.8	29.18	361.8	30.72	360.6	30.32	359.4	29.92	357.2	29.26	352.2	28.92	345.4	28.48
	30.0	28.0	381.2	30.82	381.2	30.62	381.2	30.30	380.0	29.56	378.8	28.80	367.8	28.20	350.2	27.86	326.8	27.40
	35.0	32.0	400.6	31.08	400.6	30.26	400.6	29.02	395.6	28.34	390.8	27.68	371.4	27.14	348.8	26.78	318.6	26.30
	40.0	36.0	420.0	29.36	420.0	28.70	420.0	27.72	407.2	27.14	394.2	26.54	371.4	26.08	348.8	25.70	318.6	25.22
	45.0	41.0	432.2	27.66	429.2	27.16	424.6	26.42	409.4	25.92	394.2	25.42	371.4	25.00	348.8	24.62	318.6	24.12
	47.0	43.0	432.2	27.12	429.2	26.64	424.6	25.92	409.4	25.42	**394.2**	**24.92**	371.4	24.52	348.8	24.14	318.6	23.66
	50.0	46.0	432.2	26.42	429.2	25.96	424.6	25.26	409.4	24.78	394.2	24.28	371.4	23.88	348.8	23.54	318.6	23.06
	55.0	51.0	432.2	25.36	429.2	24.92	424.6	24.24	409.4	23.78	394.2	23.30	371.4	22.92	348.8	22.58	318.6	22.12
	60.0	56.0	432.2	24.22	429.2	23.78	424.6	23.14	409.4	22.70	394.2	22.24	371.4	21.88	348.8	21.56	318.6	21.12
110	-12.6	-13.0	214.6	19.30	214.6	19.98	214.6	21.00	214.0	21.90	213.2	22.80	213.2	23.78	213.2	24.76	213.2	26.08
	-7.0	-7.6	235.4	20.84	235.4	21.52	235.4	22.56	234.8	23.46	234.0	24.36	234.0	25.32	234.0	26.30	234.0	27.62
	-4.0	-4.4	248.0	21.76	248.0	22.44	248.0	23.48	247.2	24.38	246.4	25.28	246.4	26.24	246.4	27.24	246.4	28.54
	0.0	-0.4	263.4	22.90	263.4	23.60	263.4	24.62	262.6	25.52	261.8	26.42	261.8	27.40	261.8	28.38	261.8	29.68
	5.0	4.5	282.6	24.34	282.6	25.02	282.6	26.04	281.8	26.94	280.8	27.84	280.8	28.82	280.8	29.80	280.8	31.12
	10.0	9.0	302.0	25.76	302.0	26.44	302.0	27.48	301.0	28.38	300.0	29.28	300.0	30.24	300.0	31.24	300.0	32.54
	15.0	14.0	320.8	27.16	320.8	27.84	320.8	28.88	319.8	29.78	318.8	30.68	318.8	30.80	318.8	29.98	318.8	28.90
	20.0	19.0	340.6	28.62	340.6	29.30	340.6	30.32	339.4	30.34	338.4	30.36	330.2	29.58	315.4	28.80	295.8	27.76
	25.0	23.0	359.8	30.82	359.8	30.72	359.8	30.60	356.0	29.86	352.2	29.12	333.2	28.38	314.4	27.62	289.2	26.62
	30.0	28.0	379.0	30.68	379.0	30.06	379.0	29.12	366.6	28.50	354.0	27.88	333.2	27.16	314.4	26.46	289.2	25.50
	35.0	32.0	405.0	28.88	398.4	28.40	388.6	27.64	371.2	27.14	354.0	26.64	333.2	25.96	314.4	25.28	289.2	24.38
	40.0	36.0	425.4	27.10	411.2	26.72	390.0	26.18	372.0	25.78	354.0	25.38	333.2	24.76	314.4	24.10	289.2	23.24
	45.0	41.0	427.6	25.36	412.6	25.10	390.0	24.72	372.0	24.44	354.0	24.16	333.2	23.56	314.4	22.94	289.2	22.12
	47.0	43.0	427.6	24.86	412.6	24.62	390.0	24.24	372.0	23.96	**354.0**	**23.68**	333.2	23.10	314.4	22.50	289.2	21.70
	50.0	46.0	427.6	24.24	412.6	24.00	390.0	23.64	372.0	23.36	354.0	23.08	333.2	22.52	314.4	21.92	289.2	21.14
	55.0	51.0	427.6	23.26	412.6	23.02	390.0	22.68	372.0	22.42	354.0	22.16	333.2	21.60	314.4	21.04	289.2	20.30
	60.0	56.0	427.6	22.20	412.6	21.98	390.0	21.66	372.0	21.40	354.0	21.14	333.2	20.62	314.4	20.08	289.2	19.38

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.
Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.
Nominal heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

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PERFORMANCE DATA

ARUN288BTE4, ARUN288DTE4 / ARUB288BTE4, ARUB288DTE4 Heating Capacity

288,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
100	-12.6	-13.0	213.8	17.54	213.8	19.34	213.8	22.04	213.0	22.76	212.4	23.48	212.4	24.88	212.4	25.70	212.4	26.78
	-7.0	-7.6	234.4	19.08	234.4	20.88	234.4	23.58	233.8	24.30	233.0	25.02	233.0	26.42	233.0	27.24	233.0	28.32
	-4.0	-4.4	247.0	20.00	247.0	21.80	247.0	24.50	246.2	25.22	245.4	25.94	245.4	27.36	245.4	28.16	245.4	29.24
	0.0	-0.4	262.0	21.14	261.4	22.94	260.6	25.64	260.2	26.36	260.0	27.08	260.0	28.50	260.0	29.30	260.0	30.40
	5.0	4.5	280.6	22.58	280.6	24.38	280.6	27.08	279.8	27.80	279.0	28.52	279.0	29.92	279.0	30.74	279.0	31.82
	10.0	9.0	301.2	24.00	300.4	25.80	299.2	28.50	299.0	29.22	298.8	29.94	295.8	30.76	289.4	30.30	281.0	29.68
	15.0	14.0	319.0	25.40	319.0	27.20	319.0	29.90	318.4	30.00	317.6	30.08	305.0	29.60	287.2	28.80	263.4	27.72
	20.0	19.0	345.8	27.16	344.6	28.66	342.6	30.90	333.4	29.82	324.0	28.74	305.0	28.10	287.2	27.32	263.4	26.28
	25.0	23.0	368.0	29.10	362.8	29.04	354.8	28.94	339.4	28.18	324.0	27.40	305.0	26.66	287.2	25.88	263.4	24.88
	30.0	28.0	385.4	28.04	373.8	27.86	356.2	27.58	340.0	26.84	324.0	26.08	305.0	25.20	287.2	24.46	263.4	23.46
	35.0	32.0	391.8	26.96	377.6	26.66	356.2	26.22	340.0	25.50	324.0	24.76	305.0	23.74	287.2	23.02	263.4	22.06
	40.0	36.0	391.8	25.90	377.6	25.48	356.2	24.88	340.0	24.16	324.0	23.44	305.0	22.28	287.2	21.58	263.4	20.66
	45.0	41.0	391.8	24.82	377.6	24.30	356.2	23.54	340.0	22.84	324.0	22.12	305.0	20.86	287.2	20.18	263.4	19.28
	47.0	43.0	391.8	24.34	377.6	23.84	356.2	23.08	340.0	22.40	**324.0**	**21.70**	305.0	20.46	287.2	19.80	263.4	18.90
	50.0	46.0	391.8	23.72	377.6	23.22	356.2	22.50	340.0	21.82	324.0	21.14	305.0	19.94	287.2	19.28	263.4	18.42
	55.0	51.0	391.8	22.76	377.6	22.30	356.2	21.60	340.0	20.94	324.0	20.30	305.0	19.14	287.2	18.52	263.4	17.68
	60.0	56.0	391.8	21.72	377.6	21.28	356.2	20.62	340.0	20.00	324.0	19.38	305.0	18.26	287.2	17.68	263.4	16.88
90	-12.6	-13.0	212.8	19.90	212.8	20.42	212.8	21.18	212.2	22.04	211.6	22.88	211.6	24.46	211.6	25.74	211.6	27.46
	-7.0	-7.6	233.6	21.44	233.6	21.96	233.6	22.74	232.8	23.58	232.0	24.42	232.0	26.00	232.0	27.28	232.0	29.00
	-4.0	-4.4	246.0	22.38	246.0	22.88	246.0	23.66	245.2	24.50	244.4	25.36	244.4	26.92	244.4	28.22	244.4	29.92
	0.0	-0.4	262.0	23.52	261.4	24.02	260.6	24.80	260.2	25.64	259.6	26.50	259.6	28.06	259.4	29.36	259.4	31.06
	5.0	4.5	280.6	24.94	280.6	25.46	280.6	26.22	279.6	27.08	278.6	27.92	273.8	28.86	264.2	28.76	251.2	28.62
	10.0	9.0	301.2	26.36	300.4	26.88	299.2	27.66	297.0	28.50	294.6	29.34	279.2	28.32	262.2	27.18	239.6	25.66
	15.0	14.0	319.0	27.76	319.0	28.28	319.0	29.06	307.8	28.74	296.8	28.44	279.2	27.04	262.2	25.94	239.6	24.44
	20.0	19.0	354.2	29.90	342.6	29.40	325.4	28.62	311.0	27.84	296.8	27.04	279.2	25.72	262.2	24.62	239.6	23.18
	25.0	23.0	359.4	28.46	345.8	27.94	325.4	27.20	311.0	26.44	296.8	25.68	279.2	24.40	262.2	23.34	239.6	21.94
	30.0	28.0	359.4	27.00	345.8	26.50	325.4	25.78	311.0	25.04	296.8	24.30	279.2	23.10	262.2	22.06	239.6	20.70
	35.0	32.0	359.4	25.54	345.8	25.06	325.4	24.34	311.0	23.64	296.8	22.94	279.2	21.78	262.2	20.80	239.6	19.46
	40.0	36.0	359.4	24.10	345.8	23.62	325.4	22.92	311.0	22.24	296.8	21.56	279.2	20.48	262.2	19.52	239.6	18.22
	45.0	41.0	359.4	22.66	345.8	22.20	325.4	21.52	311.0	20.88	296.8	20.24	279.2	19.20	262.2	18.26	239.6	17.02
	47.0	43.0	359.4	22.22	345.8	21.78	325.4	21.10	311.0	20.48	**296.8**	**19.84**	279.2	18.82	262.2	17.90	239.6	16.70
	50.0	46.0	359.4	21.66	345.8	21.22	325.4	20.58	311.0	19.96	296.8	19.34	279.2	18.34	262.2	17.46	239.6	16.26
	55.0	51.0	359.4	20.78	345.8	20.38	325.4	19.74	311.0	19.16	296.8	18.56	279.2	17.60	262.2	16.76	239.6	15.62
	60.0	56.0	359.4	19.84	345.8	19.44	325.4	18.84	311.0	18.28	296.8	17.72	279.2	16.80	262.2	16.00	239.6	14.90
80	-12.6	-13.0	212.0	17.40	212.0	17.84	212.0	18.50	211.4	19.50	210.6	20.52	210.6	22.66	210.6	23.94	210.6	25.66
	-7.0	-7.6	232.6	18.94	232.6	19.38	232.6	20.04	231.8	21.06	231.2	22.06	231.2	24.10	231.2	25.20	231.2	26.66
	-4.0	-4.4	245.0	19.86	245.0	20.30	245.0	20.98	244.2	21.98	243.4	22.98	241.2	24.98	236.4	25.96	230.0	27.26
	0.0	-0.4	260.6	21.00	260.6	21.44	260.6	22.12	259.6	23.12	258.4	24.12	247.8	25.72	235.0	25.84	217.8	26.00
	5.0	4.5	281.2	22.44	281.2	22.88	281.2	23.54	273.4	24.54	265.8	25.54	249.2	25.20	234.4	24.50	214.6	23.56
	10.0	9.0	308.4	23.86	301.8	24.30	291.6	24.98	278.6	25.26	265.8	25.56	249.2	24.08	234.4	23.38	214.6	22.46
	15.0	14.0	321.4	25.46	309.6	25.70	291.8	26.08	278.8	25.22	265.8	24.38	249.2	22.98	234.4	22.30	214.6	21.38
	20.0	19.0	321.4	25.76	309.6	25.36	291.8	24.76	278.8	23.96	265.8	23.14	249.2	21.82	234.4	21.16	214.6	20.26
	25.0	23.0	321.4	24.46	309.6	24.06	291.8	23.48	278.8	22.70	265.8	21.92	249.2	20.70	234.4	20.04	214.6	19.16
	30.0	28.0	321.4	23.16	309.6	22.78	291.8	22.20	278.8	21.44	265.8	20.70	249.2	19.58	234.4	18.92	214.6	18.06
	35.0	32.0	321.4	21.86	309.6	21.48	291.8	20.90	278.8	20.20	265.8	19.48	249.2	18.46	234.4	17.82	214.6	16.96
	40.0	36.0	321.4	20.56	309.6	20.18	291.8	19.62	278.8	18.94	265.8	18.26	249.2	17.32	234.4	16.70	214.6	15.86
	45.0	41.0	321.4	19.28	309.6	18.92	291.8	18.36	278.8	17.72	265.8	17.08	249.2	16.24	234.4	15.60	214.6	14.78
	47.0	43.0	321.4	18.90	309.6	18.56	291.8	18.02	278.8	17.38	**265.8**	**16.76**	249.2	15.92	234.4	15.30	214.6	14.50
	50.0	46.0	321.4	18.42	309.6	18.08	291.8	17.56	278.8	16.94	265.8	16.32	249.2	15.52	234.4	14.92	214.6	14.12
	55.0	51.0	321.4	17.68	309.6	17.36	291.8	16.84	278.8	16.26	265.8	15.66	249.2	14.88	234.4	14.32	214.6	13.56
	60.0	56.0	321.4	16.88	309.6	16.56	291.8	16.08	278.8	15.52	265.8	14.96	249.2	14.22	234.4	13.66	214.6	12.94

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.
Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.
Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Heating Capacity ARUN288BTE4, ARUN288DTE4 / ARUB288BTE4, ARUB288DTE4

288,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
70	-12.6	-13.0	212.0	16.60	212.0	17.28	212.0	18.32	211.4	19.42	210.6	20.54	208.0	22.68	202.4	23.98	194.8	25.70
	-7.0	-7.6	232.6	18.14	232.6	18.82	232.6	19.86	228.8	21.08	225.2	22.30	212.8	24.04	200.6	24.82	184.4	25.86
	-4.0	-4.4	245.0	19.06	245.0	19.76	245.0	20.78	235.0	22.06	225.2	23.34	212.8	24.86	200.6	25.34	184.4	25.96
	0.0	-0.4	264.2	20.20	257.8	20.90	247.8	21.92	236.6	23.28	225.2	24.64	212.8	24.66	200.6	24.26	184.4	23.76
	5.0	4.5	272.4	21.64	262.6	22.32	247.8	23.34	236.6	23.92	225.2	24.50	212.8	23.44	200.6	23.02	184.4	22.46
	10.0	9.0	272.4	23.06	262.6	23.74	247.8	24.78	236.6	24.02	225.2	23.26	212.8	22.24	200.6	21.78	184.4	21.18
	15.0	14.0	272.4	25.48	262.6	24.84	247.8	23.88	236.6	22.96	225.2	22.04	212.8	21.06	200.6	20.56	184.4	19.90
	20.0	19.0	272.4	24.02	262.6	23.42	247.8	22.50	236.6	21.64	225.2	20.78	212.8	19.82	200.6	19.28	184.4	18.58
	25.0	23.0	272.4	22.60	262.6	22.02	247.8	21.16	236.6	20.34	225.2	19.52	212.8	18.62	200.6	18.04	184.4	17.30
	30.0	28.0	272.4	21.16	262.6	20.62	247.8	19.80	236.6	19.04	225.2	18.28	212.8	17.40	200.6	16.80	184.4	16.00
	35.0	32.0	272.4	19.72	262.6	19.22	247.8	18.46	236.6	17.74	225.2	17.04	212.8	16.20	200.6	15.56	184.4	14.70
	40.0	36.0	272.4	18.30	262.6	17.82	247.8	17.12	236.6	16.46	225.2	15.80	212.8	14.98	200.6	14.30	184.4	13.42
	45.0	41.0	272.4	16.92	262.6	16.48	247.8	15.82	236.6	15.20	225.2	14.58	212.8	13.82	200.6	13.12	184.4	12.18
	47.0	43.0	272.4	16.58	262.6	16.16	247.8	15.50	236.6	14.90	**225.2**	**14.30**	212.8	13.56	200.6	12.86	184.4	11.94
	50.0	46.0	272.4	16.16	262.6	15.74	247.8	15.12	236.6	14.52	225.2	13.94	212.8	13.20	200.6	12.54	184.4	11.64
	55.0	51.0	272.4	15.52	262.6	15.10	247.8	14.50	236.6	13.94	225.2	13.38	212.8	12.68	200.6	12.02	184.4	11.16
	60.0	56.0	272.4	14.80	262.6	14.42	247.8	13.84	236.6	13.30	225.2	12.78	212.8	12.10	200.6	11.48	184.4	10.66
60	-12.6	-13.0	201.2	16.62	201.2	17.28	201.2	18.26	197.2	19.52	193.2	20.78	182.0	22.96	172.0	24.26	158.6	25.98
	-7.0	-7.6	217.2	18.16	215.6	18.82	213.2	19.80	203.2	21.10	193.2	22.42	182.0	23.32	172.0	24.18	158.6	25.32
	-4.0	-4.4	231.6	19.08	224.2	19.74	213.2	20.72	203.2	22.02	193.2	23.34	182.0	23.58	172.0	23.00	158.6	22.24
	0.0	-0.4	233.2	20.24	225.2	20.88	213.2	21.86	203.2	22.68	193.2	23.50	182.0	22.72	172.0	21.98	158.6	21.00
	5.0	4.5	233.2	21.66	225.2	22.32	213.2	23.28	203.2	22.78	193.2	22.28	182.0	21.48	172.0	20.76	158.6	19.78
	10.0	9.0	233.2	24.08	225.2	23.74	213.2	23.22	203.2	22.14	193.2	21.06	182.0	20.26	172.0	19.52	158.6	18.56
	15.0	14.0	233.2	23.44	225.2	22.82	213.2	21.88	203.2	20.86	193.2	19.86	182.0	19.06	172.0	18.32	158.6	17.36
	20.0	19.0	233.2	22.04	225.2	21.42	213.2	20.48	203.2	19.54	193.2	18.60	182.0	17.80	172.0	17.08	158.6	16.12
	25.0	23.0	233.2	20.66	225.2	20.04	213.2	19.12	203.2	18.24	193.2	17.38	182.0	16.56	172.0	15.84	158.6	14.90
	30.0	28.0	233.2	19.30	225.2	18.68	213.2	17.74	203.2	16.96	193.2	16.16	182.0	15.34	172.0	14.62	158.6	13.66
	35.0	32.0	233.2	17.92	225.2	17.30	213.2	16.38	203.2	15.66	193.2	14.94	182.0	14.10	172.0	13.40	158.6	12.44
	40.0	36.0	233.2	16.56	225.2	15.94	213.2	15.00	203.2	14.36	193.2	13.72	182.0	12.88	172.0	12.16	158.6	11.22
	45.0	41.0	233.2	15.22	225.2	14.62	213.2	13.68	203.2	13.12	193.2	12.54	182.0	11.70	172.0	11.00	158.6	10.06
	47.0	43.0	233.2	14.94	225.2	14.32	213.2	13.42	203.2	12.86	**193.2**	**12.30**	182.0	11.48	172.0	10.78	158.6	9.86
	50.0	46.0	233.2	14.56	225.2	13.96	213.2	13.08	203.2	12.54	193.2	11.98	182.0	11.18	172.0	10.52	158.6	9.62
	55.0	51.0	233.2	13.96	225.2	13.40	213.2	12.56	203.2	12.02	193.2	11.50	182.0	10.74	172.0	10.08	158.6	9.22
	60.0	56.0	233.2	13.34	225.2	12.80	213.2	11.98	203.2	11.48	193.2	10.98	182.0	10.24	172.0	9.64	158.6	8.80
50	-12.6	-13.0	195.0	15.04	188.0	16.06	177.2	17.60	169.2	18.92	161.2	20.22	151.8	21.14	142.8	22.00	131.0	23.14
	-7.0	-7.6	195.0	16.58	188.0	17.60	177.2	19.14	169.2	19.94	161.2	20.74	151.8	21.30	142.8	20.32	131.0	18.98
	-4.0	-4.4	195.0	17.50	188.0	18.52	177.2	20.06	169.2	20.86	161.2	21.66	151.8	20.56	142.8	19.60	131.0	18.32
	0.0	-0.4	195.0	18.64	188.0	19.66	177.2	21.20	169.2	21.04	161.2	20.88	151.8	19.66	142.8	18.74	131.0	17.50
	5.0	4.5	195.0	21.16	188.0	21.10	177.2	21.00	169.2	20.34	161.2	19.68	151.8	18.54	142.8	17.64	131.0	16.46
	10.0	9.0	195.0	21.92	188.0	21.06	177.2	19.74	169.2	19.12	161.2	18.48	151.8	17.40	142.8	16.56	131.0	15.44
	15.0	14.0	195.0	20.56	188.0	19.74	177.2	18.52	169.2	17.90	161.2	17.30	151.8	16.28	142.8	15.48	131.0	14.42
	20.0	19.0	195.0	19.16	188.0	18.38	177.2	17.24	169.2	16.66	161.2	16.06	151.8	15.14	142.8	14.38	131.0	13.36
	25.0	23.0	195.0	17.76	188.0	17.06	177.2	15.98	169.2	15.42	161.2	14.86	151.8	14.00	142.8	13.28	131.0	12.34
	30.0	28.0	195.0	16.38	188.0	15.72	177.2	14.74	169.2	14.20	161.2	13.66	151.8	12.88	142.8	12.20	131.0	11.30
	35.0	32.0	195.0	15.00	188.0	14.40	177.2	13.48	169.2	12.96	161.2	12.46	151.8	11.74	142.8	11.10	131.0	10.26
	40.0	36.0	195.0	13.60	188.0	13.06	177.2	12.24	169.2	11.74	161.2	11.24	151.8	10.60	142.8	10.02	131.0	9.24
	45.0	41.0	195.0	12.28	188.0	11.78	177.2	11.04	169.2	10.56	161.2	10.10	151.8	9.54	142.8	8.98	131.0	8.26
	47.0	43.0	195.0	12.04	188.0	11.56	177.2	10.82	169.2	10.36	**161.2**	**9.90**	151.8	9.34	142.8	8.80	131.0	8.10
	50.0	46.0	195.0	11.74	188.0	11.26	177.2	10.54	169.2	10.10	161.2	9.66	151.8	9.10	142.8	8.58	131.0	7.88
	55.0	51.0	195.0	11.28	188.0	10.82	177.2	10.12	169.2	9.70	161.2	9.26	151.8	8.74	142.8	8.24	131.0	7.58
	60.0	56.0	195.0	10.76	188.0	10.32	177.2	9.66	169.2	9.26	161.2	8.84	151.8	8.34	142.8	7.86	131.0	7.22

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.
Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.
Nominal heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

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PERFORMANCE DATA

ARUN313BTE4, ARUN313DTE4 / ARUB313BTE4, ARUB313DTE4 Heating Capacity

312,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
130	-12.6	-13.0	231.6	20.67	231.6	21.5	231.6	22.75	230.9	23.8	230.2	24.84	230.2	25.93	230.2	26.45	230.2	27.15
	-7.0	-7.6	255.1	21.92	255.1	22.75	255.1	24.01	254.3	25.05	253.5	26.1	253.5	27.18	253.5	27.7	253.5	28.4
	-4.0	-4.4	269.2	22.67	269.2	23.5	269.2	24.76	268.3	25.81	267.6	26.85	267.6	27.93	267.6	28.45	267.6	29.15
	0.0	-0.4	286.7	23.6	286.7	24.43	286.7	25.69	285.7	26.74	284.8	27.78	284.8	28.86	284.8	29.38	284.8	30.08
	5.0	4.5	308.3	24.76	308.3	25.6	308.3	26.85	307.4	27.9	306.4	28.94	306.4	30.03	306.4	30.55	306.4	31.25
	10.0	9.0	330.1	25.93	330.1	26.76	330.1	28.01	329.1	29.05	328	30.11	328	31.18	328	31.7	328	32.4
	15.0	14.0	351.4	27.06	351.4	27.9	351.4	29.15	350.3	30.19	349.2	31.25	349.2	32.32	349.2	32.84	349.2	33.54
	20.0	19.0	373.6	28.24	373.6	29.08	373.6	30.34	372.5	31.38	371.3	32.42	371.3	32.86	371.3	32.47	371.3	31.96
	25.0	23.0	395.4	29.41	395.4	30.24	395.4	31.49	394.1	32.18	392.9	32.86	392.9	32.07	392.9	31.62	392.9	31.01
	30.0	28.0	417.1	30.57	417.1	31.41	417.1	32.66	415.8	32.43	414.5	32.19	411.1	31.29	403.9	30.77	394.2	30.07
	35.0	32.0	438.9	32.36	438.9	32.57	438.9	32.88	437.5	32.2	436.1	31.54	423.4	30.51	404.2	29.92	378.7	29.12
	40.0	36.0	460.7	33.59	460.7	33.14	460.7	32.47	456.9	31.68	453.2	30.87	427.9	29.74	402.6	29.07	368.8	28.18
	45.0	41.0	468.7	33.81	468.7	33.09	468.7	32.03	462.1	31.11	455.6	30.19	427.9	28.95	402.6	28.22	368.8	27.24
	47.0	43.0	468.7	33.4	468.7	32.69	468.7	31.64	462.1	30.73	**455.6**	**29.82**	427.9	28.6	402.6	27.88	368.8	26.91
	50.0	46.0	468.7	32.93	468.7	32.24	468.7	31.2	462.1	30.31	455.6	29.42	427.9	28.2	402.6	27.5	368.8	26.54
	55.0	51.0	468.7	32.28	468.7	31.61	468.7	30.58	462.1	29.71	455.6	28.83	427.9	27.65	402.6	26.95	368.8	26.01
	60.0	56.0	468.7	31.56	468.7	30.9	468.7	29.9	462.1	29.04	455.6	28.18	427.9	27.03	402.6	26.35	368.8	25.44
120	-12.6	-13.0	230	21.92	230	22.75	230	24.01	229.3	24.43	228.5	24.84	228.5	26.47	228.5	26.82	228.5	27.28
	-7.0	-7.6	253.3	23.18	253.3	24.01	253.3	25.26	252.5	25.68	251.7	26.1	251.7	27.72	251.7	28.07	251.7	28.53
	-4.0	-4.4	267.2	23.93	267.2	24.76	267.2	26.01	266.5	26.43	265.7	26.85	265.7	28.48	265.7	28.82	265.7	29.29
	0.0	-0.4	284.6	24.85	284.6	25.69	284.6	26.95	283.7	27.36	282.8	27.78	282.8	29.41	282.8	29.75	282.8	30.22
	5.0	4.5	306.2	26.01	306.2	26.85	306.2	28.11	305.3	28.53	304.2	28.94	304.2	30.57	304.2	30.92	304.2	31.38
	10.0	9.0	327.8	27.18	327.8	28.01	327.8	29.26	326.7	29.69	325.7	30.11	325.7	31.73	325.7	32.08	325.7	32.55
	15.0	14.0	348.9	28.32	348.9	29.15	348.9	30.4	347.9	30.82	346.8	31.25	346.8	32.87	346.8	33.22	346.8	33.68
	20.0	19.0	371	29.5	371	30.34	371	31.59	369.9	32.31	368.6	33.03	368.6	32.52	368.6	32.25	368.6	31.91
	25.0	23.0	392.6	30.66	392.6	31.49	392.6	32.75	391.3	32.51	390.1	32.26	387.4	31.75	381.6	31.46	373.8	31.07
	30.0	28.0	414.2	32.69	414.2	32.66	414.2	32.61	412.9	32.06	411.6	31.5	398.6	31	379.3	30.67	353.6	30.24
	35.0	32.0	435.8	33.23	435.8	32.69	435.8	31.87	429.9	31.3	424	30.74	402.4	30.25	377.9	29.88	345.2	29.39
	40.0	36.0	458.4	32.52	457.4	31.96	455.9	31.13	441.5	30.55	427.1	29.97	402.4	29.49	377.9	29.09	345.2	28.56
	45.0	41.0	468.2	31.78	464.9	31.21	460	30.36	443.5	29.78	427.1	29.2	402.4	28.72	377.9	28.29	345.2	27.72
	47.0	43.0	468.2	31.39	464.9	30.84	460	30	443.5	29.42	**427.1**	**28.85**	402.4	28.38	377.9	27.95	345.2	27.39
	50.0	46.0	468.2	30.95	464.9	30.41	460	29.58	443.5	29.02	427.1	28.44	402.4	27.98	377.9	27.57	345.2	27
	55.0	51.0	468.2	30.34	464.9	29.81	460	29	443.5	28.45	427.1	27.88	402.4	27.43	377.9	27.02	345.2	26.47
	60.0	56.0	468.2	29.67	464.9	29.14	460	28.35	443.5	27.81	427.1	27.26	402.4	26.81	377.9	26.41	345.2	25.88
110	-12.6	-13.0	228.7	23.45	228.7	24.01	228.7	24.84	228	25.57	227.3	26.3	227.3	27.1	227.3	27.9	227.3	28.97
	-7.0	-7.6	251.9	24.71	251.9	25.26	251.9	26.1	251.2	26.84	250.4	27.57	250.4	28.35	250.4	29.15	250.4	30.22
	-4.0	-4.4	265.9	25.46	265.9	26.01	265.9	26.85	265	27.59	264.2	28.32	264.2	29.1	264.2	29.91	264.2	30.97
	0.0	-0.4	283	26.38	283	26.95	283	27.78	282.2	28.51	281.3	29.25	281.3	30.04	281.3	30.84	281.3	31.9
	5.0	4.5	304.5	27.55	304.5	28.11	304.5	28.94	303.6	29.67	302.6	30.4	302.6	31.2	302.6	32	302.6	33.07
	10.0	9.0	326	28.71	326	29.26	326	30.11	325	30.84	323.9	31.57	323.9	32.36	323.9	33.16	323.9	34.23
	15.0	14.0	347	29.85	347	30.4	347	31.25	345.9	31.98	344.9	32.71	344.9	32.81	344.9	32.14	344.9	31.26
	20.0	19.0	369	31.03	369	31.59	369	32.42	367.8	32.46	366.7	32.49	357.7	31.84	341.7	31.17	320.5	30.27
	25.0	23.0	390.4	32.79	390.4	32.75	390.4	32.7	386.1	32.12	381.7	31.54	361	30.89	340.6	30.2	313.3	29.29
	30.0	28.0	411.9	32.8	411.9	32.33	411.9	31.62	397.8	31.11	383.5	30.6	361	29.92	340.6	29.24	313.3	28.32
	35.0	32.0	441.3	31.57	433.4	31.16	421.6	30.54	402.5	30.09	383.5	29.65	361	28.97	340.6	28.28	313.3	27.35
	40.0	36.0	461.8	30.34	446.1	29.99	422.5	29.47	403	29.08	383.5	28.69	361	28.01	340.6	27.31	313.3	26.38
	45.0	41.0	463.3	29.14	447	28.84	422.5	28.41	403	28.08	383.5	27.76	361	27.07	340.6	26.36	313.3	25.42
	47.0	43.0	463.3	28.78	447	28.5	422.5	28.07	403	27.74	**383.5**	**27.41**	361	26.74	340.6	26.04	313.3	25.12
	50.0	46.0	463.3	28.39	447	28.1	422.5	27.68	403	27.36	383.5	27.03	361	26.37	340.6	25.68	313.3	24.76
	55.0	51.0	463.3	27.83	447	27.55	422.5	27.13	403	26.82	383.5	26.51	361	25.85	340.6	25.17	313.3	24.28
	60.0	56.0	463.3	27.2	447	26.93	422.5	26.53	403	26.22	383.5	25.91	361	25.27	340.6	24.61	313.3	23.74

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.
Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.
Nominal heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Heating Capacity ARUN313BTE4, ARUN313DTE4 / ARUB313BTE4, ARUB313DTE4

313,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
100	-12.6	-13.0	227.8	25.52	227.8	25.59	227.8	25.68	227	26.27	226.4	26.85	226.4	27.99	226.4	28.66	226.4	29.54
	-7.0	-7.6	250.9	26.77	250.9	26.84	250.9	26.94	250.1	27.52	249.3	28.11	249.3	29.25	249.3	29.91	249.3	30.79
	-4.0	-4.4	264.8	27.52	264.8	27.59	264.8	27.69	263.9	28.27	263.1	28.86	263.1	30.01	263.1	30.66	263.1	31.54
	0.0	-0.4	281.5	28.45	280.9	28.52	280.1	28.61	279.7	29.2	279.4	29.78	279.4	30.94	279.4	31.59	279.4	32.48
	5.0	4.5	302.3	29.62	302.3	29.68	302.3	29.78	301.5	30.37	300.6	30.95	300.6	32.09	300.6	32.76	300.6	33.64
	10.0	9.0	325.2	30.78	324.3	30.84	323	30.94	322.8	31.52	322.6	32.11	319.7	32.75	313.4	32.32	305.1	31.75
	15.0	14.0	345.1	31.92	345.1	31.98	345.1	32.08	344.3	32.14	343.5	32.19	330.4	31.71	311.1	30.97	285.3	29.97
	20.0	19.0	374.6	33.35	373.3	33.17	371.2	32.9	361.1	31.97	351	31.04	330.4	30.38	311.1	29.63	285.3	28.64
	25.0	23.0	398.6	34.64	393	33.32	384.4	31.34	367.7	30.63	351	29.91	330.4	29.1	311.1	28.33	285.3	27.33
	30.0	28.0	417.6	33.1	404.9	31.96	385.8	30.26	368.4	29.52	351	28.78	330.4	27.8	311.1	27.04	285.3	26.02
	35.0	32.0	424.5	31.55	409	30.6	385.8	29.18	368.4	28.42	351	27.65	330.4	26.51	311.1	25.74	285.3	24.72
	40.0	36.0	424.5	30.01	409	29.24	385.8	28.11	368.4	27.32	351	26.53	330.4	25.22	311.1	24.44	285.3	23.42
	45.0	41.0	424.5	28.51	409	27.92	385.8	27.05	368.4	26.24	351	25.42	330.4	23.97	311.1	23.19	285.3	22.16
	47.0	43.0	424.5	28.17	409	27.59	385.8	26.72	368.4	25.92	**351**	**25.12**	330.4	23.68	311.1	22.92	285.3	21.89
	50.0	46.0	424.5	27.78	409	27.2	385.8	26.35	368.4	25.56	351	24.77	330.4	23.35	311.1	22.59	285.3	21.58
	55.0	51.0	424.5	27.23	409	26.67	385.8	25.84	368.4	25.06	351	24.28	330.4	22.89	311.1	22.15	285.3	21.16
	60.0	56.0	424.5	26.62	409	26.07	385.8	25.26	368.4	24.5	351	23.74	330.4	22.37	311.1	21.66	285.3	20.69
90	-12.6	-13.0	226.8	23.54	226.8	23.96	226.8	24.58	226.1	25.28	225.5	25.97	225.5	27.25	225.5	28.29	225.5	29.69
	-7.0	-7.6	249.9	24.79	249.9	25.22	249.9	25.85	249.1	26.53	248.3	27.22	248.3	28.5	248.3	29.55	248.3	30.94
	-4.0	-4.4	263.7	25.55	263.7	25.97	263.7	26.6	262.9	27.28	262	27.98	262	29.25	262	30.31	262	31.69
	0.0	-0.4	281.5	26.48	280.9	26.89	280.1	27.53	279.6	28.21	279	28.91	279	30.18	278.9	31.23	278.9	32.62
	5.0	4.5	302.3	27.64	302.3	28.06	302.3	28.68	301.2	29.38	300.1	30.06	295.4	30.79	285.5	30.64	272.3	30.44
	10.0	9.0	325.2	28.8	324.3	29.22	323	29.85	321	30.54	318.9	31.22	302.3	30.27	284.1	29.21	259.9	27.79
	15.0	14.0	345.1	29.94	345.1	30.36	345.1	30.99	333.2	30.7	321.5	30.42	302.5	29.12	284.1	28.06	259.5	26.63
	20.0	19.0	383.7	31.69	371.2	31.27	352.5	30.62	336.9	29.91	321.5	29.19	302.5	27.92	284.1	26.85	259.5	25.43
	25.0	23.0	389.3	30.56	374.6	30.1	352.5	29.44	336.9	28.72	321.5	28	302.5	26.74	284.1	25.67	259.5	24.24
	30.0	28.0	389.3	29.42	374.6	28.95	352.5	28.26	336.9	27.53	321.5	26.8	302.5	25.56	284.1	24.48	259.5	23.06
	35.0	32.0	389.3	28.29	374.6	27.8	352.5	27.06	336.9	26.33	321.5	25.6	302.5	24.38	284.1	23.31	259.5	21.87
	40.0	36.0	389.3	27.16	374.6	26.64	352.5	25.88	336.9	25.14	321.5	24.4	302.5	23.2	284.1	22.13	259.5	20.69
	45.0	41.0	389.3	26.04	374.6	25.52	352.5	24.73	336.9	23.99	321.5	23.25	302.5	22.06	284.1	20.98	259.5	19.56
	47.0	43.0	389.3	25.73	374.6	25.21	352.5	24.43	336.9	23.7	**321.5**	**22.97**	302.5	21.79	284.1	20.73	259.5	19.33
	50.0	46.0	389.3	25.37	374.6	24.86	352.5	24.1	336.9	23.37	321.5	22.65	302.5	21.49	284.1	20.45	259.5	19.05
	55.0	51.0	389.3	24.87	374.6	24.38	352.5	23.62	336.9	22.92	321.5	22.2	302.5	21.06	284.1	20.05	259.5	18.68
	60.0	56.0	389.3	24.31	374.6	23.82	352.5	23.09	336.9	22.4	321.5	21.71	302.5	20.59	284.1	19.6	259.5	18.26
80	-12.6	-13.0	225.9	20.67	225.9	21.03	225.9	21.57	225.3	22.38	224.5	23.21	224.5	24.95	224.5	25.99	224.5	27.39
	-7.0	-7.6	248.9	21.92	248.9	22.28	248.9	22.82	248	23.65	247.3	24.46	247.3	26.13	247.3	27.02	247.3	28.2
	-4.0	-4.4	262.6	22.67	262.6	23.03	262.6	23.58	261.8	24.4	261	25.21	259.5	26.84	256.3	27.63	252	28.69
	0.0	-0.4	280.1	23.6	280.1	23.96	280.1	24.51	279.1	25.33	278.1	26.14	267.7	27.42	254.8	27.48	237.6	27.55
	5.0	4.5	302.9	24.77	302.9	25.13	302.9	25.67	295.1	26.48	287.3	27.3	270	26.91	253.9	26.24	232.5	25.36
	10.0	9.0	332.5	25.93	325.8	26.29	315.6	26.84	301.7	27.04	287.9	27.26	270	25.87	253.9	25.2	232.5	24.31
	15.0	14.0	348.2	27.23	335.4	27.43	316.1	27.73	302	26.95	287.9	26.19	270	24.86	253.9	24.18	232.5	23.28
	20.0	19.0	348.2	27.48	335.4	27.13	316.1	26.6	302	25.84	287.9	25.07	270	23.79	253.9	23.12	232.5	22.2
	25.0	23.0	348.2	26.41	335.4	26.04	316.1	25.49	302	24.73	287.9	23.97	270	22.76	253.9	22.07	232.5	21.15
	30.0	28.0	348.2	25.34	335.4	24.96	316.1	24.39	302	23.63	287.9	22.88	270	21.72	253.9	21.02	232.5	20.1
	35.0	32.0	348.2	24.27	335.4	23.87	316.1	23.28	302	22.53	287.9	21.78	270	20.69	253.9	19.99	232.5	19.05
	40.0	36.0	348.2	23.2	335.4	22.79	316.1	22.17	302	21.43	287.9	20.68	270	19.65	253.9	18.94	232.5	18
	45.0	41.0	348.2	22.16	335.4	21.74	316.1	21.1	302	20.37	287.9	19.63	270	18.66	253.9	17.93	232.5	16.98
	47.0	43.0	348.2	21.89	335.4	21.48	316.1	20.85	302	20.12	**287.9**	**19.4**	270	18.43	253.9	17.72	232.5	16.78
	50.0	46.0	348.2	21.58	335.4	21.18	316.1	20.56	302	19.84	287.9	19.12	270	18.17	253.9	17.47	232.5	16.54
	55.0	51.0	348.2	21.16	335.4	20.76	316.1	20.15	302	19.45	287.9	18.74	270	17.81	253.9	17.13	232.5	16.22
	60.0	56.0	348.2	20.69	335.4	20.29	316.1	19.7	302	19.02	287.9	18.33	270	17.42	253.9	16.74	232.5	15.86

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.
Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.
Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

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PERFORMANCE DATA

ARUN313BTE4, ARUN313DTE4 / ARUB313BTE4, ARUB313DTE4 Heating Capacity

312,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
70	-12.6	-13.0	225.9	19.72	225.9	20.27	225.9	21.11	225.3	22.05	224.5	22.99	223.1	24.72	220.1	25.76	216	27.15
	-7.0	-7.6	248.9	20.97	248.9	21.53	248.9	22.37	246.4	23.39	244	24.42	230.6	25.83	217.3	26.47	199.7	27.31
	-4.0	-4.4	262.6	21.72	262.6	22.29	262.6	23.12	253.3	24.19	244	25.27	230.6	26.5	217.3	26.89	199.7	27.41
	0.0	-0.4	284.1	22.65	278	23.21	268.5	24.05	256.3	25.19	244	26.33	230.6	26.25	217.3	25.87	199.7	25.37
	5.0	4.5	295	23.82	284.4	24.37	268.5	25.2	256.3	25.66	244	26.12	230.6	25.09	217.3	24.66	199.7	24.1
	10.0	9.0	295	24.97	284.4	25.53	268.5	26.37	256.3	25.66	244	24.94	230.6	23.93	217.3	23.46	199.7	22.83
	15.0	14.0	295	27	284.4	26.41	268.5	25.53	256.3	24.66	244	23.79	230.6	22.8	217.3	22.28	199.7	21.58
	20.0	19.0	295	25.71	284.4	25.14	268.5	24.27	256.3	23.43	244	22.6	230.6	21.62	217.3	21.04	199.7	20.28
	25.0	23.0	295	24.45	284.4	23.88	268.5	23.04	256.3	22.23	244	21.41	230.6	20.46	217.3	19.83	199.7	19.01
	30.0	28.0	295	23.18	284.4	22.63	268.5	21.8	256.3	21.02	244	20.24	230.6	19.3	217.3	18.63	199.7	17.74
	35.0	32.0	295	21.91	284.4	21.38	268.5	20.58	256.3	19.82	244	19.06	230.6	18.14	217.3	17.43	199.7	16.46
	40.0	36.0	295	20.65	284.4	20.12	268.5	19.35	256.3	18.62	244	17.89	230.6	16.98	217.3	16.21	199.7	15.2
	45.0	41.0	295	19.44	284.4	18.93	268.5	18.17	256.3	17.47	244	16.76	230.6	15.88	217.3	15.07	199.7	13.99
	47.0	43.0	295	19.2	284.4	18.7	268.5	17.95	256.3	17.25	**244**	**16.56**	230.6	15.69	217.3	14.89	199.7	13.82
	50.0	46.0	295	18.93	284.4	18.44	268.5	17.7	256.3	17.01	244	16.33	230.6	15.47	217.3	14.68	199.7	13.63
	55.0	51.0	295	18.56	284.4	18.07	268.5	17.35	256.3	16.68	244	16.01	230.6	15.17	217.3	14.39	199.7	13.36
	60.0	56.0	295	18.14	284.4	17.67	268.5	16.96	256.3	16.3	244	15.65	230.6	14.83	217.3	14.07	199.7	13.06
60	-12.6	-13.0	217.9	19.48	217.9	20.01	217.9	20.81	213.6	21.83	209.3	22.85	197.1	24.58	186.3	25.62	171.8	27
	-7.0	-7.6	235.3	20.73	233.6	21.26	231	22.06	220.2	23.12	209.3	24.19	197.1	24.93	186.3	25.63	171.8	26.56
	-4.0	-4.4	250.9	21.48	242.9	22.01	231	22.81	220.2	23.87	209.3	24.94	197.1	25.09	186.3	24.5	171.8	23.73
	0.0	-0.4	252.6	22.42	244	22.94	231	23.74	220.2	24.37	209.3	25.01	197.1	24.23	186.3	23.49	171.8	22.52
	5.0	4.5	252.6	23.58	244	24.11	231	24.9	220.2	24.36	209.3	23.82	197.1	23.02	186.3	22.28	171.8	21.29
	10.0	9.0	252.6	25.61	244	25.27	231	24.75	220.2	23.7	209.3	22.64	197.1	21.82	186.3	21.06	171.8	20.07
	15.0	14.0	252.6	24.99	244	24.39	231	23.48	220.2	22.47	209.3	21.48	197.1	20.64	186.3	19.87	171.8	18.87
	20.0	19.0	252.6	23.71	244	23.09	231	22.15	220.2	21.21	209.3	20.27	197.1	19.41	186.3	18.64	171.8	17.62
	25.0	23.0	252.6	22.46	244	21.82	231	20.86	220.2	19.97	209.3	19.08	197.1	18.2	186.3	17.42	171.8	16.4
	30.0	28.0	252.6	21.21	244	20.55	231	19.56	220.2	18.73	209.3	17.9	197.1	17	186.3	16.21	171.8	15.16
	35.0	32.0	252.6	19.95	244	19.27	231	18.26	220.2	17.49	209.3	16.72	197.1	15.79	186.3	15	171.8	13.94
	40.0	36.0	252.6	18.7	244	18.01	231	16.96	220.2	16.25	209.3	15.54	197.1	14.59	186.3	13.78	171.8	12.71
	45.0	41.0	252.6	17.49	244	16.79	231	15.72	220.2	15.07	209.3	14.41	197.1	13.45	186.3	12.64	171.8	11.56
	47.0	43.0	252.6	17.29	244	16.58	231	15.54	220.2	14.89	**209.3**	**14.24**	197.1	13.29	186.3	12.48	171.8	11.42
	50.0	46.0	252.6	17.05	244	16.35	231	15.32	220.2	14.68	209.3	14.04	197.1	13.1	186.3	12.32	171.8	11.26
	55.0	51.0	252.6	16.71	244	16.03	231	15.02	220.2	14.39	209.3	13.76	197.1	12.84	186.3	12.07	171.8	11.04
	60.0	56.0	252.6	16.34	244	15.68	231	14.68	220.2	14.07	209.3	13.45	197.1	12.55	186.3	11.8	171.8	10.79
50	-12.6	-13.0	211.3	17.64	203.6	18.48	192	19.73	183.3	20.8	174.7	21.86	164.4	22.61	154.8	23.31	141.9	24.23
	-7.0	-7.6	211.3	18.9	203.6	19.73	192	20.98	183.3	21.63	174.7	22.28	164.4	22.65	154.8	21.67	141.9	20.34
	-4.0	-4.4	211.3	19.65	203.6	20.48	192	21.73	183.3	22.38	174.7	23.03	164.4	21.92	154.8	20.95	141.9	19.66
	0.0	-0.4	211.3	20.57	203.6	21.41	192	22.66	183.3	22.45	174.7	22.25	164.4	21.02	154.8	20.09	141.9	18.83
	5.0	4.5	211.3	22.71	203.6	22.57	192	22.37	183.3	21.71	174.7	21.06	164.4	19.9	154.8	18.99	141.9	17.78
	10.0	9.0	211.3	23.29	203.6	22.44	192	21.15	183.3	20.51	174.7	19.87	164.4	18.77	154.8	17.9	141.9	16.74
	15.0	14.0	211.3	21.99	203.6	21.18	192	19.96	183.3	19.33	174.7	18.7	164.4	17.66	154.8	16.83	141.9	15.72
	20.0	19.0	211.3	20.65	203.6	19.87	192	18.71	183.3	18.1	174.7	17.49	164.4	16.52	154.8	15.72	141.9	14.65
	25.0	23.0	211.3	19.33	203.6	18.6	192	17.49	183.3	16.89	174.7	16.3	164.4	15.39	154.8	14.62	141.9	13.61
	30.0	28.0	211.3	18.01	203.6	17.31	192	16.27	183.3	15.69	174.7	15.11	164.4	14.27	154.8	13.54	141.9	12.56
	35.0	32.0	211.3	16.69	203.6	16.04	192	15.05	183.3	14.48	174.7	13.92	164.4	13.14	154.8	12.44	141.9	11.51
	40.0	36.0	211.3	15.36	203.6	14.76	192	13.84	183.3	13.28	174.7	12.72	164.4	12.01	154.8	11.35	141.9	10.47
	45.0	41.0	211.3	14.12	203.6	13.54	192	12.68	183.3	12.14	174.7	11.6	164.4	10.96	154.8	10.32	141.9	9.49
	47.0	43.0	211.3	13.94	203.6	13.38	192	12.53	183.3	11.99	**174.7**	**11.46**	164.4	10.82	154.8	10.19	141.9	9.37
	50.0	46.0	211.3	13.75	203.6	13.19	192	12.35	183.3	11.83	174.7	11.31	164.4	10.66	154.8	10.05	141.9	9.24
	55.0	51.0	211.3	13.49	203.6	12.94	192	12.11	183.3	11.6	174.7	11.08	164.4	10.46	154.8	9.86	141.9	9.06
	60.0	56.0	211.3	13.18	203.6	12.64	192	11.84	183.3	11.34	174.7	10.83	164.4	10.22	154.8	9.63	141.9	8.85

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.
Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.
Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Heating Capacity ARUN337BTE4, ARUN337DTE4 / ARUB337BTE4, ARUB337DTE4

336,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
130	-12.6	-13.0	245.8	25.46	245.8	26.1	245.8	27.06	245.2	27.88	244.4	28.68	244.4	29.52	244.4	29.92	244.4	30.46
	-7.0	-7.6	271.8	26.42	271.8	27.06	271.8	28.04	271	28.84	270	29.64	270	30.48	270	30.88	270	31.42
	-4.0	-4.4	287.4	27	287.4	27.64	287.4	28.62	286.4	29.42	285.6	30.22	285.6	31.06	285.6	31.46	285.6	32
	0.0	-0.4	306.6	27.72	306.6	28.36	306.6	29.34	305.6	30.14	304.6	30.94	304.6	31.78	304.6	32.18	304.6	32.72
	5.0	4.5	330.4	28.62	330.4	29.26	330.4	30.22	329.4	31.04	328.4	31.84	328.4	32.68	328.4	33.08	328.4	33.62
	10.0	9.0	354.4	29.52	354.4	30.16	354.4	31.12	353.4	31.92	352.2	32.74	352.2	33.56	352.2	33.96	352.2	34.5
	15.0	14.0	378	30.38	378	31.04	378	32	376.8	32.8	375.6	33.62	375.6	34.44	375.6	34.84	375.6	35.38
	20.0	19.0	402.4	31.3	402.4	31.94	402.4	32.92	401.2	33.72	400	34.52	400	34.9	400	34.64	400	34.32
	25.0	23.0	426.4	32.2	426.4	32.84	426.4	33.8	425	34.4	423.8	34.98	423.8	34.46	423.8	34.1	423.8	33.6
	30.0	28.0	450.4	33.1	450.4	33.74	450.4	34.7	449	34.74	447.6	34.76	443.6	34.02	435	33.54	423.6	32.9
	35.0	32.0	474.4	34.16	474.4	34.64	474.4	35.34	472.8	34.94	471.4	34.56	456.4	33.58	435.2	32.98	407	32.18
	40.0	36.0	498.4	36	498.4	35.92	498.4	35.8	493.4	35.08	488.6	34.34	460.8	33.16	433.6	32.44	397.2	31.48
	45.0	41.0	504.8	38.2	504.8	37.38	504.8	36.18	497.6	35.14	490.6	34.1	460.8	32.7	433.6	31.88	397.2	30.78
	47.0	43.0	504.8	37.94	504.8	37.14	504.8	35.94	497.6	34.92	**490.6**	**33.88**	460.8	32.5	433.6	31.68	397.2	30.58
	50.0	46.0	504.8	37.74	504.8	36.96	504.8	35.76	497.6	34.74	490.6	33.72	460.8	32.32	433.6	31.52	397.2	30.42
	55.0	51.0	504.8	37.58	504.8	36.8	504.8	35.6	497.6	34.58	490.6	33.56	460.8	32.18	433.6	31.38	397.2	30.28
	60.0	56.0	504.8	37.36	504.8	36.58	504.8	35.4	497.6	34.38	490.6	33.36	460.8	32	433.6	31.2	397.2	30.12
120	-12.6	-13.0	244.2	26.42	244.2	27.06	244.2	28.04	243.4	28.36	242.6	28.68	242.6	29.94	242.6	30.2	242.6	30.56
	-7.0	-7.6	269.8	27.4	269.8	28.04	269.8	29	269	29.32	268.2	29.64	268.2	30.9	268.2	31.16	268.2	31.52
	-4.0	-4.4	285.2	27.98	285.2	28.62	285.2	29.58	284.4	29.9	283.6	30.22	283.6	31.48	283.6	31.74	283.6	32.1
	0.0	-0.4	304.4	28.68	304.4	29.34	304.4	30.3	303.4	30.62	302.4	30.94	302.4	32.2	302.4	32.46	302.4	32.82
	5.0	4.5	328.2	29.58	328.2	30.22	328.2	31.2	327.2	31.52	326	31.84	326	33.1	326	33.36	326	33.72
	10.0	9.0	352	30.48	352	31.12	352	32.08	350.8	32.42	349.8	32.74	349.8	33.98	349.8	34.26	349.8	34.62
	15.0	14.0	375.2	31.36	375.2	32	375.2	32.96	374.2	33.28	373	33.62	373	34.86	373	35.14	373	35.5
	20.0	19.0	399.6	32.26	399.6	32.92	399.6	33.88	398.4	34.44	397	35.02	397	34.7	397	34.5	397	34.26
	25.0	23.0	423.4	33.16	423.4	33.8	423.4	34.78	422	34.7	420.8	34.6	417.6	34.24	411	34	402.2	33.66
	30.0	28.0	447.2	34.56	447.2	34.7	447.2	34.92	445.8	34.56	444.4	34.2	429.4	33.8	408.4	33.48	380.4	33.08
	35.0	32.0	471	35.38	471	35.12	471	34.72	464.2	34.26	457.2	33.8	433.4	33.36	407	32.98	371.8	32.48
	40.0	36.0	496.8	35.68	494.8	35.22	491.8	34.54	475.8	33.96	460	33.4	433.4	32.9	407	32.48	371.8	31.9
	45.0	41.0	504.2	35.9	500.6	35.26	495.4	34.3	477.6	33.64	460	32.98	433.4	32.44	407	31.96	371.8	31.32
	47.0	43.0	504.2	35.66	500.6	35.04	495.4	34.08	477.6	33.42	**460**	**32.78**	433.4	32.24	407	31.76	371.8	31.12
	50.0	46.0	504.2	35.48	500.6	34.86	495.4	33.9	477.6	33.26	460	32.6	433.4	32.08	407	31.6	371.8	30.94
	55.0	51.0	504.2	35.32	500.6	34.7	495.4	33.76	477.6	33.12	460	32.46	433.4	31.94	407	31.46	371.8	30.82
	60.0	56.0	504.2	35.12	500.6	34.5	495.4	33.56	477.6	32.92	460	32.28	433.4	31.74	407	31.26	371.8	30.64
110	-12.6	-13.0	242.8	27.6	242.8	28.04	242.8	28.68	242	29.24	241.4	29.8	241.4	30.42	241.4	31.04	241.4	31.86
	-7.0	-7.6	268.4	28.58	268.4	29	268.4	29.64	267.6	30.22	266.8	30.78	266.8	31.38	266.8	32	266.8	32.82
	-4.0	-4.4	283.8	29.16	283.8	29.58	283.8	30.22	282.8	30.8	282	31.36	282	31.96	282	32.58	282	33.4
	0.0	-0.4	302.6	29.86	302.6	30.3	302.6	30.94	301.8	31.5	300.8	32.08	300.8	32.68	300.8	33.3	300.8	34.12
	5.0	4.5	326.4	30.76	326.4	31.2	326.4	31.84	325.4	32.4	324.4	32.96	324.4	33.58	324.4	34.2	324.4	35.02
	10.0	9.0	350	31.66	350	32.08	350	32.74	349	33.3	347.8	33.86	347.8	34.48	347.8	35.08	347.8	35.92
	15.0	14.0	373.2	32.54	373.2	32.96	373.2	33.62	372	34.18	371	34.74	371	34.82	371	34.3	371	33.62
	20.0	19.0	397.4	33.44	397.4	33.88	397.4	34.52	396.2	34.58	395	34.62	385.2	34.1	368	33.54	345.2	32.78
	25.0	23.0	421	34.76	421	34.78	421	34.8	416.2	34.38	411.2	33.96	388.8	33.4	366.8	32.78	337.4	31.96
	30.0	28.0	444.8	34.92	444.8	34.6	444.8	34.12	429	33.72	413	33.32	388.8	32.68	366.8	32.02	337.4	31.14
	35.0	32.0	477.6	34.26	468.4	33.92	454.6	33.44	433.8	33.04	413	32.66	388.8	31.98	366.8	31.28	337.4	30.32
	40.0	36.0	498.2	33.58	481	33.26	455	32.76	434	32.38	413	32	388.8	31.26	366.8	30.52	337.4	29.52
	45.0	41.0	499	32.92	481.4	32.58	455	32.1	434	31.72	413	31.36	388.8	30.58	366.8	29.78	337.4	28.72
	47.0	43.0	499	32.7	481.4	32.38	455	31.9	434	31.52	**413**	**31.14**	388.8	30.38	366.8	29.58	337.4	28.54
	50.0	46.0	499	32.54	481.4	32.2	455	31.72	434	31.36	413	30.98	388.8	30.22	366.8	29.44	337.4	28.38
	55.0	51.0	499	32.4	481.4	32.08	455	31.58	434	31.22	413	30.86	388.8	30.1	366.8	29.3	337.4	28.26
	60.0	56.0	499	32.2	481.4	31.88	455	31.4	434	31.04	413	30.68	388.8	29.92	366.8	29.14	337.4	28.1

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.
Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.
Nominal heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

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PERFORMANCE DATA

ARUN337BTE4, ARUN337DTE4 / ARUB337BTE4, ARUB337DTE4 Heating Capacity

336,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
100	-12.6	-13.0	241.8	33.5	241.8	31.84	241.8	29.32	241	29.78	240.4	30.22	240.4	31.1	240.4	31.62	240.4	32.3
	-7.0	-7.6	267.4	34.46	267.4	32.8	267.4	30.3	266.4	30.74	265.6	31.2	265.6	32.08	265.6	32.58	265.6	33.26
	-4.0	-4.4	282.6	35.04	282.6	33.38	282.6	30.88	281.6	31.32	280.8	31.78	280.8	32.66	280.8	33.16	280.8	33.84
	0.0	-0.4	301	35.76	300.4	34.1	299.6	31.58	299.2	32.04	298.8	32.48	298.8	33.38	298.8	33.88	298.8	34.56
	5.0	4.5	324	36.66	324	34.98	324	32.48	323.2	32.94	322.2	33.38	322.2	34.26	322.2	34.78	322.2	35.46
	10.0	9.0	349.2	37.56	348.2	35.88	346.8	33.38	346.6	33.82	346.4	34.28	343.6	34.74	337.4	34.34	329.2	33.82
	15.0	14.0	371.2	38.44	371.2	36.76	371.2	34.26	370.2	34.28	369.4	34.3	355.8	33.82	335	33.14	307.2	32.22
	20.0	19.0	403.4	39.54	402	37.68	399.8	34.9	388.8	34.12	378	33.34	355.8	32.66	335	31.94	307.2	31
	25.0	23.0	429.2	40.18	423.2	37.6	414	33.74	396	33.08	378	32.42	355.8	31.54	335	30.78	307.2	29.78
	30.0	28.0	449.8	38.16	436	36.06	415.4	32.94	396.8	32.2	378	31.48	355.8	30.4	335	29.62	307.2	28.58
	35.0	32.0	457.2	36.14	440.4	34.54	415.4	32.14	396.8	31.34	378	30.54	355.8	29.28	335	28.46	307.2	27.38
	40.0	36.0	457.2	34.12	440.4	33	415.4	31.34	396.8	30.48	378	29.62	355.8	28.16	335	27.3	307.2	26.18
	45.0	41.0	457.2	32.2	440.4	31.54	415.4	30.56	396.8	29.64	378	28.72	355.8	27.08	335	26.2	307.2	25.04
	47.0	43.0	457.2	32	440.4	31.34	415.4	30.36	396.8	29.44	**378**	**28.54**	355.8	26.9	335	26.04	307.2	24.88
	50.0	46.0	457.2	31.84	440.4	31.18	415.4	30.2	396.8	29.3	378	28.4	355.8	26.76	335	25.9	307.2	24.74
	55.0	51.0	457.2	31.7	440.4	31.04	415.4	30.08	396.8	29.18	378	28.26	355.8	26.64	335	25.78	307.2	24.64
	60.0	56.0	457.2	31.52	440.4	30.86	415.4	29.9	396.8	29	378	28.1	355.8	26.48	335	25.64	307.2	24.5
90	-12.6	-13.0	240.8	27.18	240.8	27.5	240.8	27.98	240	28.52	239.4	29.06	239.4	30.04	239.4	30.84	239.4	31.92
	-7.0	-7.6	266.2	28.14	266.2	28.48	266.2	28.96	265.4	29.48	264.6	30.02	264.6	31	264.6	31.82	264.6	32.88
	-4.0	-4.4	281.4	28.72	281.4	29.06	281.4	29.54	280.6	30.06	279.6	30.6	279.6	31.58	279.6	32.4	279.6	33.46
	0.0	-0.4	301	29.44	300.4	29.76	299.6	30.26	299	30.78	298.4	31.32	298.4	32.3	298.4	33.1	298.4	34.18
	5.0	4.5	324	30.34	324	30.66	324	31.14	322.8	31.68	321.6	32.2	317	32.72	306.8	32.52	293.4	32.26
	10.0	9.0	349.2	31.24	348.2	31.56	346.8	32.04	345	32.58	343.2	33.1	325.4	32.22	306	31.24	280.2	29.92
	15.0	14.0	371.2	32.12	371.2	32.44	371.2	32.92	358.6	32.66	346.2	32.4	325.8	31.2	306	30.18	279.4	28.82
	20.0	19.0	413.2	33.48	399.8	33.14	379.6	32.62	362.8	31.98	346.2	31.34	325.8	30.12	306	29.08	279.4	27.68
	25.0	23.0	419.2	32.66	403.4	32.26	379.6	31.68	362.8	31	346.2	30.32	325.8	29.08	306	28	279.4	26.54
	30.0	28.0	419.2	31.84	403.4	31.4	379.6	30.74	362.8	30.02	346.2	29.3	325.8	28.02	306	26.9	279.4	25.42
	35.0	32.0	419.2	31.04	403.4	30.54	379.6	29.78	362.8	29.02	346.2	28.26	325.8	26.98	306	25.82	279.4	24.28
	40.0	36.0	419.2	30.22	403.4	29.66	379.6	28.84	362.8	28.04	346.2	27.24	325.8	25.92	306	24.74	279.4	23.16
	45.0	41.0	419.2	29.42	403.4	28.84	379.6	27.94	362.8	27.1	346.2	26.26	325.8	24.92	306	23.7	279.4	22.1
	47.0	43.0	419.2	29.24	403.4	28.64	379.6	27.76	362.8	26.92	**346.2**	**26.1**	325.8	24.76	306	23.56	279.4	21.96
	50.0	46.0	419.2	29.08	403.4	28.5	379.6	27.62	362.8	26.78	346.2	25.96	325.8	24.64	306	23.44	279.4	21.84
	55.0	51.0	419.2	28.96	403.4	28.38	379.6	27.5	362.8	26.68	346.2	25.84	325.8	24.52	306	23.34	279.4	21.74
	60.0	56.0	419.2	28.78	403.4	28.2	379.6	27.34	362.8	26.52	346.2	25.7	325.8	24.38	306	23.2	279.4	21.62
80	-12.6	-13.0	239.8	23.94	239.8	24.22	239.8	24.64	239.2	25.26	238.4	25.9	238.4	27.24	238.4	28.04	238.4	29.12
	-7.0	-7.6	265.2	24.9	265.2	25.18	265.2	25.6	264.2	26.24	263.4	26.86	263.4	28.16	263.4	28.84	263.4	29.74
	-4.0	-4.4	280.2	25.48	280.2	25.76	280.2	26.18	279.4	26.82	278.6	27.44	277.8	28.7	276.2	29.3	274	30.12
	0.0	-0.4	299.6	26.2	299.6	26.48	299.6	26.9	298.6	27.54	297.8	28.16	287.6	29.12	274.6	29.12	257.4	29.1
	5.0	4.5	324.6	27.1	324.6	27.38	324.6	27.8	316.8	28.42	308.8	29.06	290.8	28.62	273.4	27.98	250.4	27.16
	10.0	9.0	356.6	28	349.8	28.28	339.6	28.7	324.8	28.82	310	28.96	290.8	27.66	273.4	27.02	250.4	26.16
	15.0	14.0	375	29	361.2	29.16	340.4	29.38	325.2	28.68	310	28	290.8	26.74	273.4	26.06	250.4	25.18
	20.0	19.0	375	29.2	361.2	28.9	340.4	28.44	325.2	27.72	310	27	290.8	25.76	273.4	25.08	250.4	24.14
	25.0	23.0	375	28.36	361.2	28.02	340.4	27.5	325.2	26.76	310	26.02	290.8	24.82	273.4	24.1	250.4	23.14
	30.0	28.0	375	27.52	361.2	27.14	340.4	26.58	325.2	25.82	310	25.06	290.8	23.86	273.4	23.12	250.4	22.14
	35.0	32.0	375	26.68	361.2	26.26	340.4	25.66	325.2	24.86	310	24.08	290.8	22.92	273.4	22.16	250.4	21.14
	40.0	36.0	375	25.84	361.2	25.4	340.4	24.72	325.2	23.92	310	23.1	290.8	21.98	273.4	21.18	250.4	20.14
	45.0	41.0	375	25.04	361.2	24.56	340.4	23.84	325.2	23.02	310	22.18	290.8	21.08	273.4	20.26	250.4	19.18
	47.0	43.0	375	24.88	361.2	24.4	340.4	23.68	325.2	22.86	**310**	**22.04**	290.8	20.94	273.4	20.14	250.4	19.06
	50.0	46.0	375	24.74	361.2	24.28	340.4	23.56	325.2	22.74	310	21.92	290.8	20.82	273.4	20.02	250.4	18.96
	55.0	51.0	375	24.64	361.2	24.16	340.4	23.46	325.2	22.64	310	21.82	290.8	20.74	273.4	19.94	250.4	18.88
	60.0	56.0	375	24.5	361.2	24.02	340.4	23.32	325.2	22.52	310	21.7	290.8	20.62	273.4	19.82	250.4	18.78

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.
Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.
Nominal heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Heating Capacity ARUN337BTE4, ARUN337DTE4 / ARUB337BTE4, ARUB337DTE4

336,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
70	-12.6	-13.0	239.8	22.84	239.8	23.26	239.8	23.9	239.2	24.68	238.4	25.44	238.2	26.76	237.8	27.54	237.2	28.6
	-7.0	-7.6	265.2	23.8	265.2	24.24	265.2	24.88	264	25.7	262.8	26.54	248.4	27.62	234	28.12	215	28.76
	-4.0	-4.4	280.2	24.38	280.2	24.82	280.2	25.46	271.6	26.32	262.8	27.2	248.4	28.14	234	28.44	215	28.86
	0.0	-0.4	304	25.1	298.2	25.52	289.2	26.18	276	27.1	262.8	28.02	248.4	27.84	234	27.48	215	26.98
	5.0	4.5	317.6	26	306.2	26.42	289.2	27.06	276	27.4	262.8	27.74	248.4	26.74	234	26.3	215	25.74
	10.0	9.0	317.6	26.88	306.2	27.32	289.2	27.96	276	27.3	262.8	26.62	248.4	25.62	234	25.14	215	24.48
	15.0	14.0	317.6	28.52	306.2	27.98	289.2	27.18	276	26.36	262.8	25.54	248.4	24.54	234	24	215	23.26
	20.0	19.0	317.6	27.4	306.2	26.86	289.2	26.04	276	25.22	262.8	24.42	248.4	23.42	234	22.8	215	21.98
	25.0	23.0	317.6	26.3	306.2	25.74	289.2	24.92	276	24.12	262.8	23.3	248.4	22.3	234	21.62	215	20.72
	30.0	28.0	317.6	25.2	306.2	24.64	289.2	23.8	276	23	262.8	22.2	248.4	21.2	234	20.46	215	19.48
	35.0	32.0	317.6	24.1	306.2	23.54	289.2	22.7	276	21.9	262.8	21.08	248.4	20.08	234	19.3	215	18.22
	40.0	36.0	317.6	23	306.2	22.42	289.2	21.58	276	20.78	262.8	19.98	248.4	18.98	234	18.12	215	16.98
	45.0	41.0	317.6	21.96	306.2	21.38	289.2	20.52	276	19.74	262.8	18.94	248.4	17.94	234	17.02	215	15.8
	47.0	43.0	317.6	21.82	306.2	21.24	289.2	20.4	276	19.6	**262.8**	**18.82**	248.4	17.82	234	16.92	215	15.7
	50.0	46.0	317.6	21.7	306.2	21.14	289.2	20.28	276	19.5	262.8	18.72	248.4	17.74	234	16.82	215	15.62
	55.0	51.0	317.6	21.6	306.2	21.04	289.2	20.2	276	19.42	262.8	18.64	248.4	17.66	234	16.76	215	15.56
	60.0	56.0	317.6	21.48	306.2	20.92	289.2	20.08	276	19.3	262.8	18.52	248.4	17.56	234	16.66	215	15.46
60	-12.6	-13.0	234.6	22.34	234.6	22.74	234.6	23.36	230	24.14	225.4	24.92	212.2	26.2	200.6	26.98	185	28.02
	-7.0	-7.6	253.4	23.3	251.6	23.7	248.8	24.32	237.2	25.14	225.4	25.96	212.2	26.54	200.6	27.08	185	27.8
	-4.0	-4.4	270.2	23.88	261.6	24.28	248.8	24.9	237.2	25.72	225.4	26.54	212.2	26.6	200.6	26	185	25.22
	0.0	-0.4	272	24.6	262.8	25	248.8	25.62	237.2	26.06	225.4	26.52	212.2	25.74	200.6	25	185	24.04
	5.0	4.5	272	25.5	262.8	25.9	248.8	26.52	237.2	25.94	225.4	25.36	212.2	24.56	200.6	23.8	185	22.8
	10.0	9.0	272	27.14	262.8	26.8	248.8	26.28	237.2	25.26	225.4	24.22	212.2	23.38	200.6	22.6	185	21.58
	15.0	14.0	272	26.54	262.8	25.96	248.8	25.08	237.2	24.08	225.4	23.1	212.2	22.22	200.6	21.42	185	20.38
	20.0	19.0	272	25.38	262.8	24.76	248.8	23.82	237.2	22.88	225.4	21.94	212.2	21.02	200.6	20.2	185	19.12
	25.0	23.0	272	24.26	262.8	23.6	248.8	22.6	237.2	21.7	225.4	20.78	212.2	19.84	200.6	19	185	17.9
	30.0	28.0	272	23.12	262.8	22.42	248.8	21.38	237.2	20.5	225.4	19.64	212.2	18.66	200.6	17.8	185	16.66
	35.0	32.0	272	21.98	262.8	21.24	248.8	20.14	237.2	19.32	225.4	18.5	212.2	17.48	200.6	16.6	185	15.44
	40.0	36.0	272	20.84	262.8	20.08	248.8	18.92	237.2	18.14	225.4	17.36	212.2	16.3	200.6	15.4	185	14.2
	45.0	41.0	272	19.76	262.8	18.96	248.8	17.76	237.2	17.02	225.4	16.28	212.2	15.2	200.6	14.28	185	13.06
	47.0	43.0	272	19.64	262.8	18.84	248.8	17.66	237.2	16.92	**225.4**	**16.18**	212.2	15.1	200.6	14.18	185	12.98
	50.0	46.0	272	19.54	262.8	18.74	248.8	17.56	237.2	16.82	225.4	16.1	212.2	15.02	200.6	14.12	185	12.9
	55.0	51.0	272	19.46	262.8	18.66	248.8	17.48	237.2	16.76	225.4	16.02	212.2	14.94	200.6	14.06	185	12.86
	60.0	56.0	272	19.34	262.8	18.56	248.8	17.38	237.2	16.66	225.4	15.92	212.2	14.86	200.6	13.96	185	12.78
50	-12.6	-13.0	227.6	20.24	219.2	20.9	206.8	21.86	197.4	22.68	188.2	23.5	177	24.08	166.8	24.62	152.8	25.32
	-7.0	-7.6	227.6	21.22	219.2	21.86	206.8	22.82	197.4	23.32	188.2	23.82	177	24	166.8	23.02	152.8	21.7
	-4.0	-4.4	227.6	21.8	219.2	22.44	206.8	23.4	197.4	23.9	188.2	24.4	177	23.28	166.8	22.3	152.8	21
	0.0	-0.4	227.6	22.5	219.2	23.16	206.8	24.12	197.4	23.86	188.2	23.62	177	22.38	166.8	21.44	152.8	20.16
	5.0	4.5	227.6	24.26	219.2	24.04	206.8	23.74	197.4	23.08	188.2	22.44	177	21.26	166.8	20.34	152.8	19.1
	10.0	9.0	227.6	24.66	219.2	23.82	206.8	22.56	197.4	21.9	188.2	21.26	177	20.14	166.8	19.24	152.8	18.04
	15.0	14.0	227.6	23.42	219.2	22.62	206.8	21.4	197.4	20.76	188.2	20.1	177	19.04	166.8	18.18	152.8	17.02
	20.0	19.0	227.6	22.14	219.2	21.36	206.8	20.18	197.4	19.54	188.2	18.92	177	17.9	166.8	17.06	152.8	15.94
	25.0	23.0	227.6	20.9	219.2	20.14	206.8	19	197.4	18.36	188.2	17.74	177	16.78	166.8	15.96	152.8	14.88
	30.0	28.0	227.6	19.64	219.2	18.9	206.8	17.8	197.4	17.18	188.2	16.56	177	15.66	166.8	14.88	152.8	13.82
	35.0	32.0	227.6	18.38	219.2	17.68	206.8	16.62	197.4	16	188.2	15.38	177	14.54	166.8	13.78	152.8	12.76
	40.0	36.0	227.6	17.12	219.2	16.46	206.8	15.44	197.4	14.82	188.2	14.2	177	13.42	166.8	12.68	152.8	11.7
	45.0	41.0	227.6	15.96	219.2	15.3	206.8	14.32	197.4	13.72	188.2	13.1	177	12.38	166.8	11.66	152.8	10.72
	47.0	43.0	227.6	15.84	219.2	15.2	206.8	14.24	197.4	13.62	**188.2**	**13.02**	177	12.3	166.8	11.58	152.8	10.64
	50.0	46.0	227.6	15.76	219.2	15.12	206.8	14.16	197.4	13.56	188.2	12.96	177	12.22	166.8	11.52	152.8	10.6
	55.0	51.0	227.6	15.7	219.2	15.06	206.8	14.1	197.4	13.5	188.2	12.9	177	12.18	166.8	11.48	152.8	10.54
	60.0	56.0	227.6	15.6	219.2	14.96	206.8	14.02	197.4	13.42	188.2	12.82	177	12.1	166.8	11.4	152.8	10.48

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.
Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.
Nominal heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

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PERFORMANCE DATA

ARUN312BTE4, ARUN312DTE4 / ARUB312BTE4, ARUB312DTE4 Heating Capacity

312,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
130	-12.6	-13.0	233.9	16.28	233.9	17.39	233.9	19.06	233.0	20.45	232.3	21.85	232.3	23.28	232.3	23.99	232.3	24.91
	-7.0	-7.6	256.9	17.96	256.9	19.06	256.9	20.74	256.1	22.12	255.4	23.52	255.4	24.96	255.4	25.65	255.4	26.59
	-4.0	-4.4	270.8	18.95	270.8	20.06	270.8	21.73	269.9	23.13	269.2	24.53	269.2	25.95	269.2	26.66	269.2	27.58
	0.0	-0.4	288.0	20.19	288.0	21.29	288.0	22.97	287.0	24.37	286.1	25.76	286.1	27.20	286.1	27.89	286.1	28.82
	5.0	4.5	309.3	21.73	309.3	22.85	309.3	24.53	308.4	25.91	307.3	27.31	307.3	28.75	307.3	29.45	307.3	30.38
	10.0	9.0	330.8	23.28	330.8	24.40	330.8	26.06	329.7	27.46	328.6	28.86	328.6	30.29	328.6	30.99	328.6	31.92
	15.0	14.0	351.7	24.80	351.7	25.91	351.7	27.58	350.6	28.97	349.5	30.38	349.5	31.81	349.5	32.51	349.5	33.43
	20.0	19.0	373.6	26.37	373.6	27.50	373.6	29.16	372.4	30.56	371.2	31.94	371.2	32.47	371.2	31.91	371.2	31.15
	25.0	23.0	395.0	27.93	395.0	29.04	395.0	30.71	393.7	31.54	392.5	32.39	392.5	31.24	392.5	30.65	392.5	29.86
	30.0	28.0	416.3	29.47	416.3	30.60	416.3	32.26	415.0	31.71	413.7	31.14	410.6	30.00	403.8	29.40	394.8	28.59
	35.0	32.0	437.9	32.23	437.9	32.13	437.9	32.01	436.4	30.96	435.0	29.91	423.1	28.77	404.3	28.15	379.2	27.31
	40.0	36.0	459.1	32.81	459.1	31.91	459.1	30.55	455.8	29.61	452.6	28.68	427.9	27.54	402.6	26.89	368.8	26.02
	45.0	41.0	468.7	30.71	468.7	30.06	468.7	29.10	462.1	28.27	455.6	27.43	427.9	26.30	402.6	25.63	368.8	24.75
	47.0	43.0	468.7	30.09	468.7	29.45	468.7	28.50	462.1	27.68	**455.6**	**26.87**	427.9	25.77	402.6	25.11	368.8	24.24
	50.0	46.0	468.7	29.28	468.7	28.65	468.7	27.74	462.1	26.95	455.6	26.15	427.9	25.07	402.6	24.45	368.8	23.59
	55.0	51.0	468.7	28.01	468.7	27.43	468.7	26.54	462.1	25.78	455.6	25.02	427.9	24.00	402.6	23.39	368.8	22.57
	60.0	56.0	468.7	26.65	468.7	26.09	468.7	25.25	462.1	24.52	455.6	23.80	427.9	22.82	402.6	22.25	368.8	21.48
120	-12.6	-13.0	232.2	17.96	232.2	19.06	232.2	20.74	231.5	21.29	230.6	21.85	230.6	24.01	230.6	24.48	230.6	25.10
	-7.0	-7.6	255.1	19.62	255.1	20.74	255.1	22.40	254.4	22.96	253.5	23.52	253.5	25.68	253.5	26.15	253.5	26.77
	-4.0	-4.4	268.8	20.63	268.8	21.73	268.8	23.41	268.1	23.96	267.2	24.53	267.2	26.69	267.2	27.15	267.2	27.78
	0.0	-0.4	285.9	21.86	285.9	22.97	285.9	24.65	285.0	25.20	284.2	25.76	284.2	27.93	284.2	28.39	284.2	29.01
	5.0	4.5	307.2	23.41	307.2	24.53	307.2	26.20	306.3	26.75	305.2	27.31	305.2	29.47	305.2	29.95	305.2	30.56
	10.0	9.0	328.4	24.96	328.4	26.06	328.4	27.74	327.3	28.30	326.3	28.86	326.3	31.03	326.3	31.48	326.3	32.11
	15.0	14.0	349.3	26.48	349.3	27.58	349.3	29.26	348.1	29.81	347.1	30.38	347.1	32.55	347.1	33.00	347.1	33.62
	20.0	19.0	371.0	28.05	371.0	29.16	371.0	30.83	369.8	31.79	368.6	32.73	368.6	31.95	368.6	31.59	368.6	31.11
	25.0	23.0	392.3	29.60	392.3	30.71	392.3	32.38	391.0	31.94	389.7	31.49	387.2	30.78	381.6	30.41	374.1	29.93
	30.0	28.0	413.4	32.50	413.4	32.26	413.4	31.89	412.2	31.08	410.9	30.25	398.6	29.60	379.4	29.24	353.8	28.74
	35.0	32.0	434.7	32.74	434.7	31.84	434.7	30.46	429.2	29.74	423.6	29.02	402.4	28.44	377.9	28.06	345.2	27.56
	40.0	36.0	456.4	30.79	455.7	30.08	454.6	29.02	441.0	28.40	427.1	27.77	402.4	27.28	377.9	26.88	345.2	26.37
	45.0	41.0	468.1	28.87	464.9	28.35	460.0	27.58	443.6	27.06	427.1	26.53	402.4	26.09	377.9	25.70	345.2	25.18
	47.0	43.0	468.1	28.28	464.9	27.78	460.0	27.02	443.6	26.51	**427.1**	**25.98**	402.4	25.57	377.9	25.18	345.2	24.67
	50.0	46.0	468.1	27.51	464.9	27.03	460.0	26.30	443.6	25.79	427.1	25.28	402.4	24.87	377.9	24.51	345.2	24.01
	55.0	51.0	468.1	26.33	464.9	25.87	460.0	25.17	443.6	24.68	427.1	24.19	402.4	23.80	377.9	23.45	345.2	22.97
	60.0	56.0	468.1	25.05	464.9	24.61	460.0	23.94	443.6	23.48	427.1	23.02	402.4	22.65	377.9	22.31	345.2	21.85
110	-12.6	-13.0	230.9	19.99	230.9	20.74	230.9	21.85	230.2	22.82	229.4	23.80	229.4	24.85	229.4	25.91	229.4	27.35
	-7.0	-7.6	253.7	21.66	253.7	22.40	253.7	23.52	252.9	24.50	252.1	25.48	252.1	26.52	252.1	27.59	252.1	29.01
	-4.0	-4.4	267.5	22.66	267.5	23.41	267.5	24.53	266.6	25.50	265.8	26.48	265.8	27.52	265.8	28.59	265.8	30.02
	0.0	-0.4	284.3	23.90	284.3	24.65	284.3	25.76	283.5	26.74	282.6	27.71	282.6	28.77	282.6	29.84	282.6	31.25
	5.0	4.5	305.5	25.45	305.5	26.20	305.5	27.31	304.6	28.28	303.5	29.26	303.5	30.31	303.5	31.38	303.5	32.81
	10.0	9.0	326.7	27.00	326.7	27.74	326.7	28.86	325.6	29.84	324.6	30.81	324.6	31.86	324.6	32.93	324.6	34.35
	15.0	14.0	347.3	28.51	347.3	29.26	347.3	30.38	346.3	31.36	345.1	32.33	345.1	32.47	345.0	31.58	344.9	30.41
	20.0	19.0	369.0	30.10	369.0	30.83	369.0	31.94	367.7	31.96	366.7	31.99	357.8	31.13	341.8	30.30	320.5	29.17
	25.0	23.0	390.1	32.49	390.1	32.38	390.1	32.23	385.8	31.44	381.7	30.63	361.0	29.83	340.6	29.02	313.3	27.95
	30.0	28.0	411.2	32.32	411.1	31.65	411.0	30.62	397.4	29.95	383.5	29.27	361.0	28.51	340.6	27.76	313.3	26.74
	35.0	32.0	439.7	30.35	432.3	29.82	421.2	29.01	402.3	28.46	383.5	27.92	361.0	27.20	340.6	26.49	313.3	25.52
	40.0	36.0	461.2	28.39	445.6	27.98	422.5	27.40	403.0	26.98	383.5	26.55	361.0	25.90	340.6	25.21	313.3	24.30
	45.0	41.0	463.3	26.47	446.9	26.20	422.5	25.81	403.0	25.52	383.5	25.22	361.0	24.59	340.6	23.95	313.3	23.10
	47.0	43.0	463.3	25.93	446.9	25.67	422.5	25.28	403.0	24.99	**383.5**	**24.70**	361.0	24.09	340.6	23.46	313.3	22.63
	50.0	46.0	463.3	25.24	446.9	24.98	422.5	24.61	403.0	24.32	383.5	24.04	361.0	23.45	340.6	22.82	313.3	22.01
	55.0	51.0	463.3	24.15	446.9	23.90	422.5	23.55	403.0	23.27	383.5	23.00	361.0	22.43	340.6	21.84	313.3	21.07
	60.0	56.0	463.3	22.98	446.9	22.75	422.5	22.41	403.0	22.14	383.5	21.88	361.0	21.34	340.6	20.78	313.3	20.05

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.
Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.
Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Heating Capacity ARUN312BTE4, ARUN312DTE4 / ARUB312BTE4, ARUB312DTE4

312,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
100	-12.6	-13.0	230.0	17.66	230.0	19.78	230.0	22.96	229.2	23.74	228.5	24.53	228.5	26.05	228.5	26.93	228.5	28.11
	-7.0	-7.6	252.7	19.33	252.7	21.46	252.7	24.64	251.9	25.41	251.1	26.20	251.1	27.71	251.1	28.61	251.1	29.77
	-4.0	-4.4	266.4	20.33	266.4	22.45	266.4	25.63	265.5	26.41	264.7	27.20	264.7	28.73	264.7	29.60	264.7	30.78
	0.0	-0.4	282.9	21.57	282.2	23.69	281.3	26.87	280.9	27.65	280.6	28.43	280.6	29.96	280.6	30.84	280.6	32.02
	5.0	4.5	303.3	23.12	303.3	25.24	303.3	28.43	302.4	29.20	301.6	29.99	301.6	31.51	301.6	32.39	301.6	33.57
	10.0	9.0	325.9	24.67	325.0	26.79	323.7	29.96	323.4	30.75	323.3	31.53	320.1	32.42	313.5	31.93	304.7	31.27
	15.0	14.0	345.4	26.18	345.4	28.30	345.4	31.48	344.6	31.60	343.8	31.69	330.4	31.18	311.1	30.31	285.3	29.17
	20.0	19.0	374.7	28.09	373.2	29.89	371.2	32.57	361.1	31.40	351.0	30.23	330.4	29.56	311.1	28.73	285.3	27.62
	25.0	23.0	398.6	30.23	393.0	30.32	384.4	30.44	367.7	29.63	351.0	28.80	330.4	28.01	311.1	27.19	285.3	26.12
	30.0	28.0	417.6	29.16	404.9	29.08	385.8	28.97	368.4	28.18	351.0	27.37	330.4	26.44	311.1	25.66	285.3	24.61
	35.0	32.0	424.5	28.08	409.1	27.84	385.8	27.49	368.4	26.72	351.0	25.94	330.4	24.88	311.1	24.12	285.3	23.11
	40.0	36.0	424.5	27.00	409.1	26.61	385.8	26.02	368.4	25.27	351.0	24.51	330.4	23.30	311.1	22.57	285.3	21.60
	45.0	41.0	424.5	25.90	409.1	25.36	385.8	24.58	368.4	23.84	351.0	23.10	330.4	21.77	311.1	21.06	285.3	20.12
	47.0	43.0	424.5	25.38	409.1	24.85	385.8	24.07	368.4	23.36	**351.0**	**22.63**	330.4	21.33	311.1	20.65	285.3	19.71
	50.0	46.0	424.5	24.69	409.1	24.18	385.8	23.42	368.4	22.72	351.0	22.01	330.4	20.76	311.1	20.08	285.3	19.18
	55.0	51.0	424.5	23.63	409.1	23.14	385.8	22.42	368.4	21.74	351.0	21.08	330.4	19.87	311.1	19.22	285.3	18.35
	60.0	56.0	424.5	22.48	409.1	22.01	385.8	21.33	368.4	20.69	351.0	20.05	330.4	18.90	311.1	18.29	285.3	17.47
90	-12.6	-13.0	228.9	20.69	228.9	21.26	228.9	22.09	228.3	23.01	227.6	23.93	227.6	25.63	227.6	27.03	227.6	28.89
	-7.0	-7.6	251.7	22.37	251.7	22.92	251.7	23.76	250.8	24.68	250.0	25.60	250.0	27.30	250.0	28.70	250.0	30.55
	-4.0	-4.4	265.3	23.37	265.3	23.93	265.3	24.77	264.5	25.68	263.6	26.61	263.6	28.31	263.6	29.71	263.6	31.56
	0.0	-0.4	282.9	24.62	282.2	25.16	281.3	26.00	280.9	26.92	280.3	27.84	280.1	29.55	279.6	30.94	279.1	32.80
	5.0	4.5	303.3	26.16	303.3	26.72	303.3	27.55	302.2	28.48	301.1	29.39	295.8	30.41	285.6	30.31	271.8	30.17
	10.0	9.0	325.9	27.70	325.0	28.26	323.7	29.10	321.4	30.01	319.1	30.93	302.3	29.84	284.2	28.62	259.9	26.99
	15.0	14.0	345.4	29.21	345.4	29.78	345.4	30.62	333.4	30.28	321.5	29.96	302.5	28.46	284.1	27.28	259.6	25.69
	20.0	19.0	383.8	31.53	371.2	30.99	352.4	30.16	337.0	29.31	321.5	28.45	302.5	27.04	284.1	25.88	259.6	24.35
	25.0	23.0	389.3	29.96	374.5	29.42	352.4	28.61	337.0	27.79	321.5	26.98	302.5	25.63	284.1	24.50	259.6	23.02
	30.0	28.0	389.3	28.37	374.5	27.85	352.4	27.07	337.0	26.28	321.5	25.50	302.5	24.23	284.1	23.14	259.6	21.70
	35.0	32.0	389.3	26.79	374.5	26.28	352.4	25.53	337.0	24.78	321.5	24.04	302.5	22.82	284.1	21.78	259.6	20.37
	40.0	36.0	389.3	25.22	374.5	24.72	352.4	23.98	337.0	23.27	321.5	22.55	302.5	21.42	284.1	20.41	259.6	19.06
	45.0	41.0	389.3	23.66	374.5	23.18	352.4	22.47	337.0	21.80	321.5	21.13	302.5	20.04	284.1	19.07	259.6	17.77
	47.0	43.0	389.3	23.17	374.5	22.71	352.4	22.01	337.0	21.36	**321.5**	**20.69**	302.5	19.62	284.1	18.67	259.6	17.41
	50.0	46.0	389.3	22.55	374.5	22.10	352.4	21.42	337.0	20.78	321.5	20.14	302.5	19.10	284.1	18.18	259.6	16.94
	55.0	51.0	389.3	21.58	374.5	21.15	352.4	20.49	337.0	19.89	321.5	19.27	302.5	18.28	284.1	17.40	259.6	16.21
	60.0	56.0	389.3	20.53	374.5	20.12	352.4	19.49	337.0	18.91	321.5	18.33	302.5	17.39	284.1	16.55	259.6	15.42
80	-12.6	-13.0	228.1	18.08	228.1	18.56	228.1	19.28	227.3	20.36	226.6	21.46	226.6	23.78	226.6	25.17	226.6	27.04
	-7.0	-7.6	250.7	19.75	250.7	20.23	250.7	20.95	249.8	22.05	249.1	23.13	249.1	25.35	249.1	26.54	249.1	28.12
	-4.0	-4.4	264.2	20.75	264.2	21.23	264.2	21.96	263.3	23.04	262.5	24.13	260.4	26.29	256.0	27.36	250.0	28.77
	0.0	-0.4	281.4	21.99	281.4	22.46	281.4	23.20	280.2	24.29	278.8	25.37	268.1	27.10	254.6	27.23	236.6	27.41
	5.0	4.5	303.7	23.54	303.7	24.02	303.7	24.74	295.4	25.82	287.3	26.92	270.0	26.55	253.9	25.80	232.5	24.81
	10.0	9.0	333.3	25.09	326.3	25.56	315.6	26.29	301.7	26.62	287.9	26.94	270.0	25.35	253.9	24.61	232.5	23.63
	15.0	14.0	348.2	26.82	335.4	27.08	316.1	27.50	302.0	26.58	287.9	25.67	270.0	24.17	253.9	23.44	232.5	22.47
	20.0	19.0	348.2	27.15	335.4	26.71	316.1	26.07	302.0	25.21	287.9	24.33	270.0	22.93	253.9	22.23	232.5	21.28
	25.0	23.0	348.2	25.74	335.4	25.31	316.1	24.69	302.0	23.86	287.9	23.03	270.0	21.73	253.9	21.03	232.5	20.11
	30.0	28.0	348.2	24.33	335.4	23.92	316.1	23.31	302.0	22.51	287.9	21.72	270.0	20.53	253.9	19.84	232.5	18.93
	35.0	32.0	348.2	22.92	335.4	22.52	316.1	21.91	302.0	21.16	287.9	20.41	270.0	19.32	253.9	18.66	232.5	17.76
	40.0	36.0	348.2	21.51	335.4	21.11	316.1	20.53	302.0	19.81	287.9	19.10	270.0	18.12	253.9	17.46	232.5	16.58
	45.0	41.0	348.2	20.12	335.4	19.75	316.1	19.17	302.0	18.50	287.9	17.83	270.0	16.95	253.9	16.29	232.5	15.42
	47.0	43.0	348.2	19.71	335.4	19.35	316.1	18.79	302.0	18.12	**287.9**	**17.48**	270.0	16.60	253.9	15.96	232.5	15.12
	50.0	46.0	348.2	19.18	335.4	18.82	316.1	18.28	302.0	17.64	287.9	16.99	270.0	16.16	253.9	15.53	232.5	14.71
	55.0	51.0	348.2	18.35	335.4	18.02	316.1	17.49	302.0	16.88	287.9	16.26	270.0	15.45	253.9	14.86	232.5	14.08
	60.0	56.0	348.2	17.47	335.4	17.14	316.1	16.64	302.0	16.06	287.9	15.48	270.0	14.71	253.9	14.14	232.5	13.39

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.
Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.
Nominal heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

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PERFORMANCE DATA

ARUN312BTE4, ARUN312DTE4 / ARUB312BTE4, ARUB312DTE4 Heating Capacity

312,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
70	-12.6	-13.0	228.1	17.25	228.1	18.00	228.1	19.11	227.3	20.31	226.6	21.52	224.0	23.84	218.4	25.25	211.0	27.12
	-7.0	-7.6	249.9	18.92	249.9	19.66	249.9	20.79	246.5	22.10	243.3	23.42	230.6	25.32	217.4	26.16	199.8	27.29
	-4.0	-4.4	262.9	19.92	262.9	20.68	262.9	21.78	253.4	23.17	243.9	24.55	230.6	26.20	217.4	26.72	199.8	27.40
	0.0	-0.4	284.0	21.16	277.8	21.91	268.3	23.02	256.2	24.49	244.0	25.96	230.6	25.99	217.4	25.57	199.8	25.03
	5.0	4.5	294.9	22.71	284.4	23.46	268.5	24.57	256.2	25.19	244.0	25.82	230.6	24.69	217.4	24.24	199.8	23.66
	10.0	9.0	295.1	24.26	284.4	25.00	268.5	26.11	256.2	25.31	244.0	24.50	230.6	23.41	217.4	22.92	199.8	22.28
	15.0	14.0	295.1	26.88	284.4	26.19	268.5	25.16	256.2	24.18	244.0	23.19	230.6	22.14	217.4	21.62	199.8	20.93
	20.0	19.0	295.1	25.31	284.4	24.66	268.5	23.68	256.2	22.76	244.0	21.84	230.6	20.83	217.4	20.27	199.8	19.53
	25.0	23.0	295.1	23.77	284.4	23.15	268.5	22.23	256.2	21.37	244.0	20.51	230.6	19.54	217.4	18.94	199.8	18.16
	30.0	28.0	295.1	22.23	284.4	21.65	268.5	20.79	256.2	19.98	244.0	19.17	230.6	18.24	217.4	17.62	199.8	16.78
	35.0	32.0	295.1	20.68	284.4	20.15	268.5	19.35	256.2	18.59	244.0	17.84	230.6	16.97	217.4	16.30	199.8	15.40
	40.0	36.0	295.1	19.15	284.4	18.64	268.5	17.90	256.2	17.21	244.0	16.52	230.6	15.67	217.4	14.96	199.8	14.03
	45.0	41.0	295.1	17.66	284.4	17.20	268.5	16.50	256.2	15.86	244.0	15.22	230.6	14.43	217.4	13.70	199.8	12.71
	47.0	43.0	295.1	17.30	284.4	16.85	268.5	16.17	256.2	15.54	**244.0**	**14.92**	230.6	14.14	217.4	13.42	199.8	12.45
	50.0	46.0	295.1	16.83	284.4	16.39	268.5	15.73	256.2	15.12	244.0	14.52	230.6	13.75	217.4	13.06	199.8	12.12
	55.0	51.0	295.1	16.11	284.4	15.68	268.5	15.05	256.2	14.48	244.0	13.89	230.6	13.16	217.4	12.48	199.8	11.59
	60.0	56.0	295.1	15.32	284.4	14.92	268.5	14.32	256.2	13.77	244.0	13.22	230.6	12.52	217.4	11.88	199.8	11.03
60	-12.6	-13.0	218.0	17.31	218.0	18.01	218.0	19.08	213.6	20.45	209.3	21.83	197.1	24.19	186.3	25.61	171.8	27.49
	-7.0	-7.6	235.3	18.98	233.6	19.69	231.0	20.75	220.1	22.16	209.3	23.59	197.1	24.57	186.3	25.50	171.8	26.74
	-4.0	-4.4	250.9	19.98	243.0	20.68	231.0	21.75	220.1	23.16	209.3	24.58	197.1	24.86	186.3	24.25	171.8	23.44
	0.0	-0.4	252.6	21.22	244.0	21.93	231.0	22.98	220.1	23.88	209.3	24.78	197.1	23.94	186.3	23.16	171.8	22.12
	5.0	4.5	252.6	22.77	244.0	23.48	231.0	24.53	220.1	24.00	209.3	23.47	197.1	22.63	186.3	21.86	171.8	20.82
	10.0	9.0	252.6	25.38	244.0	25.02	231.0	24.47	220.1	23.32	209.3	22.17	197.1	21.32	186.3	20.55	171.8	19.53
	15.0	14.0	252.6	24.70	244.0	24.04	231.0	23.04	220.1	21.96	209.3	20.90	197.1	20.04	186.3	19.27	171.8	18.25
	20.0	19.0	252.6	23.20	244.0	22.55	231.0	21.55	220.1	20.56	209.3	19.56	197.1	18.71	186.3	17.95	171.8	16.94
	25.0	23.0	252.6	21.73	244.0	21.07	231.0	20.09	220.1	19.16	209.3	18.25	197.1	17.39	186.3	16.63	171.8	15.63
	30.0	28.0	252.6	20.26	244.0	19.60	231.0	18.62	220.1	17.79	209.3	16.95	197.1	16.09	186.3	15.34	171.8	14.33
	35.0	32.0	252.6	18.79	244.0	18.13	231.0	17.16	220.1	16.41	209.3	15.65	197.1	14.77	186.3	14.03	171.8	13.03
	40.0	36.0	252.6	17.32	244.0	16.67	231.0	15.69	220.1	15.02	209.3	14.35	197.1	13.47	186.3	12.73	171.8	11.73
	45.0	41.0	252.6	15.89	244.0	15.26	231.0	14.28	220.1	13.70	209.3	13.09	197.1	12.22	186.3	11.48	171.8	10.50
	47.0	43.0	252.6	15.57	244.0	14.93	231.0	13.99	220.1	13.41	**209.3**	**12.82**	197.1	11.96	186.3	11.25	171.8	10.28
	50.0	46.0	252.6	15.16	244.0	14.54	231.0	13.62	220.1	13.06	209.3	12.48	197.1	11.65	186.3	10.95	171.8	10.02
	55.0	51.0	252.6	14.49	244.0	13.92	231.0	13.04	220.1	12.48	209.3	11.94	197.1	11.15	186.3	10.47	171.8	9.57
	60.0	56.0	252.6	13.80	244.0	13.24	231.0	12.40	220.1	11.88	209.3	11.36	197.1	10.60	186.3	9.97	171.8	9.11
50	-12.6	-13.0	211.3	15.65	203.6	16.76	192.0	18.43	183.3	19.85	174.7	21.28	164.4	22.27	154.7	23.20	142.0	24.43
	-7.0	-7.6	211.3	17.32	203.6	18.43	192.0	20.10	183.3	20.97	174.7	21.83	164.4	22.46	154.7	21.41	142.0	19.99
	-4.0	-4.4	211.3	18.32	203.6	19.43	192.0	21.10	183.3	21.97	174.7	22.83	164.4	21.68	154.7	20.65	142.0	19.29
	0.0	-0.4	211.3	19.56	203.6	20.67	192.0	22.34	183.3	22.17	174.7	22.01	164.4	20.72	154.7	19.73	142.0	18.42
	5.0	4.5	211.3	22.28	203.6	22.22	192.0	22.14	183.3	21.43	174.7	20.73	164.4	19.52	154.7	18.57	142.0	17.32
	10.0	9.0	211.3	23.11	203.6	22.19	192.0	20.79	183.3	20.12	174.7	19.45	164.4	18.31	154.7	17.42	142.0	16.23
	15.0	14.0	211.3	21.66	203.6	20.79	192.0	19.49	183.3	18.84	174.7	18.20	164.4	17.13	154.7	16.28	142.0	15.15
	20.0	19.0	211.3	20.17	203.6	19.35	192.0	18.13	183.3	17.51	174.7	16.89	164.4	15.90	154.7	15.10	142.0	14.04
	25.0	23.0	211.3	18.68	203.6	17.93	192.0	16.79	183.3	16.20	174.7	15.61	164.4	14.70	154.7	13.95	142.0	12.95
	30.0	28.0	211.3	17.20	203.6	16.51	192.0	15.47	183.3	14.89	174.7	14.33	164.4	13.50	154.7	12.79	142.0	11.85
	35.0	32.0	211.3	15.72	203.6	15.08	192.0	14.13	183.3	13.59	174.7	13.05	164.4	12.30	154.7	11.63	142.0	10.75
	40.0	36.0	211.3	14.24	203.6	13.66	192.0	12.79	183.3	12.28	174.7	11.76	164.4	11.09	154.7	10.48	142.0	9.66
	45.0	41.0	211.3	12.82	203.6	12.30	192.0	11.52	183.3	11.02	174.7	10.54	164.4	9.95	154.7	9.37	142.0	8.62
	47.0	43.0	211.3	12.56	203.6	12.05	192.0	11.28	183.3	10.81	**174.7**	**10.32**	164.4	9.74	154.7	9.18	142.0	8.44
	50.0	46.0	211.3	12.22	203.6	11.73	192.0	10.98	183.3	10.52	174.7	10.06	164.4	9.48	154.7	8.93	142.0	8.21
	55.0	51.0	211.3	11.71	203.6	11.23	192.0	10.50	183.3	10.07	174.7	9.61	164.4	9.07	154.7	8.55	142.0	7.86
	60.0	56.0	211.3	11.13	203.6	10.68	192.0	9.99	183.3	9.58	174.7	9.15	164.4	8.63	154.7	8.13	142.0	7.47

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.
Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.
Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Heating Capacity ARUN336BTE4, ARUN336DTE4 / ARUB336BTE4, ARUB336DTE4

336,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
130	-12.6	-13.0	247.1	18.20	247.1	19.29	247.1	20.94	246.1	22.30	245.4	23.68	245.4	25.09	245.4	25.79	245.4	26.70
	-7.0	-7.6	272.6	19.85	272.6	20.94	272.6	22.59	271.8	23.95	271.1	25.32	271.1	26.74	271.1	27.42	271.1	28.35
	-4.0	-4.4	288.1	20.83	288.1	21.92	288.1	23.57	287.1	24.94	286.4	26.32	286.4	27.72	286.4	28.42	286.4	29.33
	0.0	-0.4	307.2	22.04	307.2	23.13	307.2	24.78	306.1	26.17	305.3	27.53	305.3	28.95	305.3	29.63	305.3	30.54
	5.0	4.5	330.9	23.57	330.9	24.67	330.9	26.32	329.9	27.68	328.8	29.06	328.8	30.47	328.8	31.17	328.8	32.08
	10.0	9.0	354.9	25.09	354.9	26.20	354.9	27.83	353.6	29.21	352.5	30.58	352.5	32.00	352.5	32.68	352.5	33.61
	15.0	14.0	378.0	26.59	378.0	27.68	378.0	29.33	376.9	30.69	375.8	32.08	375.8	33.50	375.8	34.18	375.8	35.09
	20.0	19.0	402.4	28.13	402.4	29.25	402.4	30.88	401.1	32.26	399.9	33.62	399.9	34.15	399.9	33.61	399.9	32.88
	25.0	23.0	426.2	29.67	426.2	30.76	426.2	32.41	424.8	33.24	423.6	34.09	423.6	32.98	423.6	32.39	423.6	31.61
	30.0	28.0	449.9	31.18	449.9	32.30	449.9	33.93	448.5	33.44	447.1	32.93	443.3	31.80	435.0	31.18	424.0	30.36
	35.0	32.0	473.9	33.84	473.9	33.81	473.9	33.79	472.3	32.79	470.8	31.78	456.2	30.62	435.2	29.97	407.2	29.11
	40.0	36.0	497.3	34.61	497.3	33.78	497.3	32.53	492.8	31.58	488.3	30.64	460.9	29.44	433.6	28.75	397.2	27.84
	45.0	41.0	504.7	32.99	504.7	32.30	504.7	31.26	497.7	30.38	490.7	29.48	460.9	28.26	433.6	27.54	397.2	26.59
	47.0	43.0	504.7	32.41	504.7	31.72	504.7	30.69	497.7	29.81	**490.7**	**28.94**	460.9	27.75	433.6	27.04	397.2	26.10
	50.0	46.0	504.7	31.64	504.7	30.96	504.7	29.98	497.7	29.12	490.7	28.26	460.9	27.10	433.6	26.42	397.2	25.49
	55.0	51.0	504.7	30.47	504.7	29.83	504.7	28.86	497.7	28.04	490.7	27.21	460.9	26.10	433.6	25.44	397.2	24.55
	60.0	56.0	504.7	29.20	504.7	28.59	504.7	27.66	497.7	26.87	490.7	26.08	460.9	25.01	433.6	24.39	397.2	23.54
120	-12.6	-13.0	245.3	19.85	245.3	20.94	245.3	22.59	244.6	23.13	243.6	23.68	243.6	25.80	243.6	26.28	243.6	26.88
	-7.0	-7.6	270.8	21.48	270.8	22.59	270.8	24.22	270.0	24.78	269.0	25.32	269.0	27.45	269.0	27.91	269.0	28.53
	-4.0	-4.4	286.0	22.48	286.0	23.57	286.0	25.22	285.3	25.76	284.3	26.32	284.3	28.44	284.3	28.91	284.3	29.52
	0.0	-0.4	305.0	23.69	305.0	24.78	305.0	26.44	304.0	26.99	303.2	27.53	303.2	29.67	303.2	30.12	303.2	30.73
	5.0	4.5	328.7	25.22	328.7	26.32	328.7	27.97	327.7	28.51	326.6	29.06	326.6	31.18	326.6	31.66	326.6	32.26
	10.0	9.0	352.2	26.74	352.2	27.83	352.2	29.48	351.1	30.04	350.0	30.58	350.0	32.72	350.0	33.17	350.0	33.78
	15.0	14.0	375.5	28.24	375.5	29.33	375.5	30.98	374.2	31.52	373.1	32.08	373.1	34.22	373.1	34.67	373.1	35.27
	20.0	19.0	399.6	29.79	399.6	30.88	399.6	32.53	398.3	33.47	397.1	34.40	397.1	33.65	397.1	33.30	397.1	32.84
	25.0	23.0	423.3	31.32	423.3	32.41	423.3	34.06	421.9	33.64	420.5	33.22	417.6	32.53	411.1	32.16	402.3	31.68
	30.0	28.0	446.8	34.13	446.8	33.93	446.8	33.63	445.4	32.84	444.0	32.04	429.5	31.40	408.5	31.03	380.4	30.52
	35.0	32.0	470.5	34.46	470.5	33.61	470.5	32.31	463.8	31.59	457.0	30.88	433.3	30.29	407.0	29.89	371.7	29.37
	40.0	36.0	495.0	32.74	493.6	32.03	491.4	30.98	475.8	30.33	459.9	29.69	433.3	29.18	407.0	28.75	371.7	28.21
	45.0	41.0	504.1	31.03	500.6	30.46	495.3	29.63	477.7	29.08	459.9	28.51	433.3	28.04	407.0	27.61	371.7	27.06
	47.0	43.0	504.1	30.46	500.6	29.92	495.3	29.10	477.7	28.55	**459.9**	**27.98**	433.3	27.54	407.0	27.11	371.7	26.57
	50.0	46.0	504.1	29.73	500.6	29.22	495.3	28.43	477.7	27.87	459.9	27.32	433.3	26.88	407.0	26.49	371.7	25.95
	55.0	51.0	504.1	28.64	500.6	28.14	495.3	27.38	477.7	26.85	459.9	26.31	433.3	25.88	407.0	25.51	371.7	24.98
	60.0	56.0	504.1	27.45	500.6	26.97	495.3	26.23	477.7	25.73	459.9	25.22	433.3	24.82	407.0	24.44	371.7	23.94
110	-12.6	-13.0	243.9	21.85	243.9	22.59	243.9	23.68	243.2	24.63	242.4	25.60	242.4	26.63	242.4	27.68	242.4	29.10
	-7.0	-7.6	269.3	23.50	269.3	24.22	269.3	25.32	268.4	26.29	267.6	27.26	267.6	28.28	267.6	29.33	267.6	30.73
	-4.0	-4.4	284.6	24.48	284.6	25.22	284.6	26.32	283.6	27.27	282.8	28.24	282.8	29.26	282.8	30.32	282.8	31.73
	0.0	-0.4	303.3	25.71	303.3	26.44	303.3	27.53	302.5	28.50	301.5	29.45	301.5	30.50	301.5	31.55	301.5	32.94
	5.0	4.5	326.9	27.23	326.9	27.97	326.9	29.06	325.9	30.01	324.8	30.98	324.8	32.01	324.8	33.06	324.8	34.48
	10.0	9.0	350.4	28.76	350.4	29.48	350.4	30.58	349.3	31.55	348.2	32.50	348.2	33.54	348.2	34.60	348.2	35.99
	15.0	14.0	373.4	30.24	373.4	30.98	373.4	32.08	372.3	33.05	371.0	34.00	371.0	34.14	371.0	33.27	371.0	32.11
	20.0	19.0	397.5	31.81	397.5	32.53	397.5	33.62	396.1	33.65	395.0	33.68	385.3	32.83	368.1	32.00	345.1	30.88
	25.0	23.0	420.9	34.15	420.9	34.06	420.9	33.92	416.0	33.15	411.3	32.36	388.8	31.55	366.8	30.73	337.4	29.65
	30.0	28.0	444.5	34.02	444.3	33.37	444.1	32.36	428.7	31.71	413.0	31.04	388.8	30.26	366.8	29.49	337.4	28.45
	35.0	32.0	476.7	32.14	467.8	31.62	454.3	30.82	433.6	30.27	413.0	29.72	388.8	28.98	366.8	28.24	337.4	27.23
	40.0	36.0	497.9	30.27	480.6	29.86	455.0	29.27	434.0	28.83	413.0	28.39	388.8	27.70	366.8	26.97	337.4	26.02
	45.0	41.0	499.0	28.44	481.3	28.15	455.0	27.74	434.0	27.42	413.0	27.10	388.8	26.42	366.8	25.73	337.4	24.82
	47.0	43.0	499.0	27.93	481.3	27.65	455.0	27.22	434.0	26.92	**413.0**	**26.60**	388.8	25.95	366.8	25.27	337.4	24.37
	50.0	46.0	499.0	27.28	481.3	27.00	455.0	26.60	434.0	26.28	413.0	25.98	388.8	25.34	366.8	24.66	337.4	23.79
	55.0	51.0	499.0	26.27	481.3	25.99	455.0	25.62	434.0	25.31	413.0	25.02	388.8	24.40	366.8	23.76	337.4	22.91
	60.0	56.0	499.0	25.18	481.3	24.93	455.0	24.55	434.0	24.26	413.0	23.97	388.8	23.39	366.8	22.78	337.4	21.97

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.
Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.
Nominal heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

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PERFORMANCE DATA

ARUN336BTE4, ARUN336DTE4 / ARUB336BTE4, ARUB336DTE4 Heating Capacity

336,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
100	-12.6	-13.0	242.9	20.53	242.9	22.23	242.9	24.78	242.1	25.54	241.4	26.32	241.4	27.82	241.4	28.69	241.4	29.85
	-7.0	-7.6	268.2	22.18	268.2	23.88	268.2	26.43	267.3	27.19	266.5	27.97	266.5	29.45	266.5	30.34	266.5	31.48
	-4.0	-4.4	283.5	23.16	283.5	24.86	283.5	27.41	282.5	28.17	281.7	28.95	281.7	30.46	281.7	31.32	281.7	32.48
	0.0	-0.4	301.8	24.39	301.1	26.07	300.1	28.62	299.7	29.40	299.4	30.16	299.4	31.67	299.4	32.53	299.4	33.70
	5.0	4.5	324.5	25.91	324.5	27.61	324.5	30.16	323.5	30.92	322.7	31.70	322.7	33.20	322.7	34.07	322.7	35.23
	10.0	9.0	349.6	27.44	348.6	29.14	347.2	31.67	346.9	32.45	346.8	33.21	343.7	34.08	337.5	33.59	329.1	32.92
	15.0	14.0	371.3	28.92	371.3	30.62	371.3	33.17	370.4	33.28	369.6	33.36	355.9	32.84	335.0	31.96	307.3	30.80
	20.0	19.0	403.5	30.80	401.9	32.19	399.7	34.25	388.9	33.07	378.0	31.91	355.9	31.21	335.0	30.36	307.3	29.22
	25.0	23.0	429.2	32.83	423.2	32.56	414.0	32.15	395.9	31.33	378.0	30.48	355.9	29.65	335.0	28.80	307.3	27.70
	30.0	28.0	449.7	31.58	436.1	31.23	415.5	30.71	396.8	29.90	378.0	29.06	355.9	28.08	335.0	27.27	307.3	26.17
	35.0	32.0	457.1	30.34	440.6	29.91	415.5	29.27	396.8	28.45	378.0	27.64	355.9	26.51	335.0	25.71	307.3	24.65
	40.0	36.0	457.1	29.09	440.6	28.58	415.5	27.82	396.8	27.02	378.0	26.22	355.9	24.92	335.0	24.15	307.3	23.11
	45.0	41.0	457.1	27.83	440.6	27.25	415.5	26.41	396.8	25.62	378.0	24.82	355.9	23.39	335.0	22.63	307.3	21.62
	47.0	43.0	457.1	27.33	440.6	26.76	415.5	25.92	396.8	25.16	**378.0**	**24.37**	355.9	22.97	335.0	22.24	307.3	21.23
	50.0	46.0	457.1	26.68	440.6	26.13	415.5	25.31	396.8	24.55	378.0	23.79	355.9	22.43	335.0	21.70	307.3	20.73
	55.0	51.0	457.1	25.70	440.6	25.17	415.5	24.38	396.8	23.65	378.0	22.93	355.9	21.61	335.0	20.90	307.3	19.96
	60.0	56.0	457.1	24.64	440.6	24.12	415.5	23.37	396.8	22.68	378.0	21.97	355.9	20.71	335.0	20.04	307.3	19.14
90	-12.6	-13.0	241.8	22.43	241.8	22.99	241.8	23.81	241.1	24.72	240.4	25.62	240.4	27.29	240.4	28.67	240.4	30.51
	-7.0	-7.6	267.2	24.08	267.2	24.62	267.2	25.45	266.2	26.35	265.4	27.27	265.4	28.94	265.4	30.32	265.4	32.14
	-4.0	-4.4	282.2	25.07	282.2	25.62	282.2	26.45	281.4	27.35	280.4	28.26	280.4	29.94	280.4	31.31	280.4	33.14
	0.0	-0.4	301.8	26.30	301.1	26.83	300.1	27.66	299.7	28.56	299.0	29.47	299.0	31.15	298.9	32.52	298.9	34.35
	5.0	4.5	324.5	27.81	324.5	28.37	324.5	29.19	323.4	30.10	322.1	31.00	317.3	31.99	307.1	31.88	293.4	31.71
	10.0	9.0	349.6	29.34	348.6	29.88	347.2	30.71	345.3	31.61	343.3	32.51	325.4	31.40	306.1	30.17	280.2	28.51
	15.0	14.0	371.3	30.82	371.3	31.38	371.3	32.21	358.7	31.87	346.2	31.54	325.8	30.02	305.9	28.81	279.6	27.18
	20.0	19.0	413.3	33.11	399.7	32.58	379.5	31.75	362.9	30.90	346.2	30.02	325.8	28.58	305.9	27.39	279.6	25.81
	25.0	23.0	419.3	31.57	403.3	31.03	379.5	30.22	362.9	29.38	346.2	28.56	325.8	27.16	305.9	25.99	279.6	24.45
	30.0	28.0	419.3	30.02	403.3	29.49	379.5	28.69	362.9	27.88	346.2	27.07	325.8	25.75	305.9	24.61	279.6	23.11
	35.0	32.0	419.3	28.47	403.3	27.95	379.5	27.17	362.9	26.38	346.2	25.61	325.8	24.33	305.9	23.24	279.6	21.75
	40.0	36.0	419.3	26.95	403.3	26.41	379.5	25.64	362.9	24.88	346.2	24.12	325.8	22.92	305.9	21.84	279.6	20.41
	45.0	41.0	419.3	25.43	403.3	24.90	379.5	24.14	362.9	23.42	346.2	22.70	325.8	21.54	305.9	20.49	279.6	19.09
	47.0	43.0	419.3	24.95	403.3	24.45	379.5	23.71	362.9	23.00	**346.2**	**22.28**	325.8	21.13	305.9	20.11	279.6	18.75
	50.0	46.0	419.3	24.37	403.3	23.89	379.5	23.15	362.9	22.46	346.2	21.77	325.8	20.65	305.9	19.65	279.6	18.31
	55.0	51.0	419.3	23.47	403.3	23.01	379.5	22.29	362.9	21.64	346.2	20.96	325.8	19.88	305.9	18.92	279.6	17.63
	60.0	56.0	419.3	22.50	403.3	22.04	379.5	21.36	362.9	20.72	346.2	20.08	325.8	19.06	305.9	18.14	279.6	16.89
80	-12.6	-13.0	241.0	19.62	241.0	20.10	241.0	20.81	240.1	21.87	239.3	22.96	239.3	25.23	239.3	26.61	239.3	28.45
	-7.0	-7.6	266.1	21.27	266.1	21.75	266.1	22.46	265.1	23.53	264.4	24.59	264.4	26.79	264.4	27.96	264.4	29.51
	-4.0	-4.4	281.1	22.25	281.1	22.73	281.1	23.45	280.1	24.51	279.3	25.59	278.2	27.71	275.8	28.76	272.6	30.15
	0.0	-0.4	300.3	23.48	300.3	23.94	300.3	24.66	299.2	25.74	298.0	26.80	287.7	28.50	274.5	28.62	256.9	28.78
	5.0	4.5	325.2	25.00	325.2	25.48	325.2	26.19	316.9	27.25	308.9	28.33	290.8	27.94	273.4	27.17	250.3	26.16
	10.0	9.0	357.0	26.53	350.1	26.99	339.6	27.71	324.7	28.03	310.1	28.34	290.8	26.72	273.4	25.97	250.3	24.95
	15.0	14.0	374.9	28.23	361.2	28.49	340.5	28.90	325.2	27.97	310.1	27.05	290.8	25.53	273.4	24.77	250.3	23.77
	20.0	19.0	374.9	28.56	361.2	28.12	340.5	27.48	325.2	26.60	310.1	25.71	290.8	24.27	273.4	23.54	250.3	22.55
	25.0	23.0	374.9	27.17	361.2	26.73	340.5	26.10	325.2	25.25	310.1	24.40	290.8	23.05	273.4	22.32	250.3	21.36
	30.0	28.0	374.9	25.78	361.2	25.35	340.5	24.72	325.2	23.90	310.1	23.07	290.8	21.83	273.4	21.12	250.3	20.15
	35.0	32.0	374.9	24.39	361.2	23.96	340.5	23.33	325.2	22.54	310.1	21.76	290.8	20.61	273.4	19.91	250.3	18.96
	40.0	36.0	374.9	23.00	361.2	22.57	340.5	21.95	325.2	21.19	310.1	20.43	290.8	19.40	273.4	18.69	250.3	17.75
	45.0	41.0	374.9	21.62	361.2	21.22	340.5	20.60	325.2	19.88	310.1	19.16	290.8	18.22	273.4	17.50	250.3	16.57
	47.0	43.0	374.9	21.23	361.2	20.84	340.5	20.23	325.2	19.51	**310.1**	**18.82**	290.8	17.88	273.4	17.19	250.3	16.29
	50.0	46.0	374.9	20.73	361.2	20.34	340.5	19.76	325.2	19.07	310.1	18.36	290.8	17.46	273.4	16.78	250.3	15.90
	55.0	51.0	374.9	19.96	361.2	19.60	340.5	19.02	325.2	18.37	310.1	17.69	290.8	16.80	273.4	16.16	250.3	15.32
	60.0	56.0	374.9	19.14	361.2	18.78	340.5	18.24	325.2	17.60	310.1	16.96	290.8	16.11	273.4	15.49	250.3	14.67

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.
Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.
Nominal heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Heating Capacity ARUN336BTE4, ARUN336DTE4 / ARUB336BTE4, ARUB336DTE4

336,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
70	-12.6	-13.0	241.0	18.72	241.0	19.46	241.0	20.56	240.1	21.75	239.3	22.95	238.0	25.22	235.2	26.61	231.4	28.43
	-7.0	-7.6	266.1	20.37	266.1	21.09	266.1	22.21	263.6	23.50	261.4	24.81	248.4	26.68	234.1	27.51	215.2	28.63
	-4.0	-4.4	281.1	21.35	281.1	22.10	281.1	23.19	271.9	24.57	262.6	25.93	248.4	27.55	234.1	28.07	215.2	28.74
	0.0	-0.4	304.7	22.58	298.5	23.31	288.7	24.40	275.9	25.86	262.8	27.32	248.4	27.33	234.1	26.89	215.2	26.34
	5.0	4.5	317.6	24.10	306.3	24.84	289.1	25.93	275.9	26.54	262.8	27.15	248.4	26.00	234.1	25.53	215.2	24.93
	10.0	9.0	317.8	25.63	306.3	26.35	289.1	27.45	275.9	26.63	262.8	25.81	248.4	24.68	234.1	24.17	215.2	23.51
	15.0	14.0	317.8	28.22	306.3	27.52	289.1	26.48	275.9	25.48	262.8	24.48	248.4	23.39	234.1	22.84	215.2	22.11
	20.0	19.0	317.8	26.65	306.3	25.99	289.1	24.99	275.9	24.04	262.8	23.09	248.4	22.05	234.1	21.46	215.2	20.67
	25.0	23.0	317.8	25.10	306.3	24.47	289.1	23.52	275.9	22.63	262.8	21.74	248.4	20.73	234.1	20.10	215.2	19.27
	30.0	28.0	317.8	23.56	306.3	22.95	289.1	22.06	275.9	21.22	262.8	20.38	248.4	19.40	234.1	18.74	215.2	17.84
	35.0	32.0	317.8	22.00	306.3	21.45	289.1	20.61	275.9	19.81	262.8	19.02	248.4	18.10	234.1	17.38	215.2	16.43
	40.0	36.0	317.8	20.47	306.3	19.93	289.1	19.14	275.9	18.41	262.8	17.68	248.4	16.77	234.1	16.01	215.2	15.01
	45.0	41.0	317.8	18.98	306.3	18.48	289.1	17.73	275.9	17.04	262.8	16.35	248.4	15.51	234.1	14.72	215.2	13.65
	47.0	43.0	317.8	18.63	306.3	18.14	289.1	17.41	275.9	16.73	**262.8**	**16.07**	248.4	15.22	234.1	14.45	215.2	13.41
	50.0	46.0	317.8	18.18	306.3	17.71	289.1	17.00	275.9	16.34	262.8	15.69	248.4	14.86	234.1	14.11	215.2	13.10
	55.0	51.0	317.8	17.52	306.3	17.05	289.1	16.37	275.9	15.75	262.8	15.11	248.4	14.32	234.1	13.57	215.2	12.60
	60.0	56.0	317.8	16.78	306.3	16.35	289.1	15.70	275.9	15.09	262.8	14.49	248.4	13.71	234.1	13.02	215.2	12.09
60	-12.6	-13.0	234.8	18.71	234.8	19.40	234.8	20.45	230.0	21.80	225.4	23.15	212.2	25.46	200.6	26.83	185.1	28.67
	-7.0	-7.6	253.4	20.36	251.6	21.05	248.8	22.10	237.0	23.49	225.4	24.89	212.2	25.86	200.6	26.77	185.1	28.00
	-4.0	-4.4	270.2	21.34	261.7	22.03	248.8	23.08	237.0	24.47	225.4	25.87	212.2	26.13	200.6	25.50	185.1	24.66
	0.0	-0.4	272.0	22.56	262.8	23.26	248.8	24.29	237.0	25.18	225.4	26.05	212.2	25.18	200.6	24.37	185.1	23.30
	5.0	4.5	272.0	24.09	262.8	24.78	248.8	25.82	237.0	25.27	225.4	24.70	212.2	23.84	200.6	23.04	185.1	21.95
	10.0	9.0	272.0	26.68	262.8	26.31	248.8	25.73	237.0	24.55	225.4	23.37	212.2	22.49	200.6	21.68	185.1	20.62
	15.0	14.0	272.0	25.98	262.8	25.31	248.8	24.28	237.0	23.17	225.4	22.07	212.2	21.17	200.6	20.36	185.1	19.30
	20.0	19.0	272.0	24.46	262.8	23.79	248.8	22.76	237.0	21.73	225.4	20.70	212.2	19.80	200.6	19.00	185.1	17.94
	25.0	23.0	272.0	22.97	262.8	22.28	248.8	21.26	237.0	20.30	225.4	19.35	212.2	18.44	200.6	17.64	185.1	16.59
	30.0	28.0	272.0	21.49	262.8	20.80	248.8	19.77	237.0	18.90	225.4	18.02	212.2	17.11	200.6	16.31	185.1	15.25
	35.0	32.0	272.0	20.00	262.8	19.31	248.8	18.27	237.0	17.49	225.4	16.69	212.2	15.75	200.6	14.96	185.1	13.90
	40.0	36.0	272.0	18.52	262.8	17.83	248.8	16.78	237.0	16.06	225.4	15.36	212.2	14.42	200.6	13.62	185.1	12.55
	45.0	41.0	272.0	17.07	262.8	16.39	248.8	15.34	237.0	14.72	225.4	14.07	212.2	13.13	200.6	12.34	185.1	11.29
	47.0	43.0	272.0	16.77	262.8	16.08	248.8	15.07	237.0	14.45	**225.4**	**13.81**	212.2	12.88	200.6	12.11	185.1	11.07
	50.0	46.0	272.0	16.38	262.8	15.72	248.8	14.72	237.0	14.11	225.4	13.49	212.2	12.59	200.6	11.84	185.1	10.83
	55.0	51.0	272.0	15.76	262.8	15.14	248.8	14.18	237.0	13.57	225.4	12.99	212.2	12.13	200.6	11.38	185.1	10.41
	60.0	56.0	272.0	15.13	262.8	14.50	248.8	13.59	237.0	13.02	225.4	12.45	212.2	11.62	200.6	10.92	185.1	9.98
50	-12.6	-13.0	227.5	16.92	219.2	18.01	206.8	19.66	197.4	21.06	188.2	22.47	177.1	23.45	166.6	24.36	152.9	25.57
	-7.0	-7.6	227.5	18.57	219.2	19.66	206.8	21.31	197.4	22.17	188.2	23.01	177.1	23.61	166.6	22.52	152.9	21.05
	-4.0	-4.4	227.5	19.55	219.2	20.64	206.8	22.29	197.4	23.15	188.2	23.99	177.1	22.80	166.6	21.74	152.9	20.32
	0.0	-0.4	227.5	20.78	219.2	21.87	206.8	23.52	197.4	23.32	188.2	23.14	177.1	21.81	166.6	20.79	152.9	19.43
	5.0	4.5	227.5	23.48	219.2	23.39	206.8	23.28	197.4	22.55	188.2	21.82	177.1	20.57	166.6	19.58	152.9	18.29
	10.0	9.0	227.5	24.28	219.2	23.33	206.8	21.89	197.4	21.20	188.2	20.50	177.1	19.32	166.6	18.40	152.9	17.16
	15.0	14.0	227.5	22.80	219.2	21.91	206.8	20.56	197.4	19.89	188.2	19.21	177.1	18.10	166.6	17.22	152.9	16.03
	20.0	19.0	227.5	21.28	219.2	20.43	206.8	19.16	197.4	18.51	188.2	17.87	177.1	16.83	166.6	15.99	152.9	14.88
	25.0	23.0	227.5	19.76	219.2	18.97	206.8	17.79	197.4	17.17	188.2	16.55	177.1	15.60	166.6	14.80	152.9	13.75
	30.0	28.0	227.5	18.25	219.2	17.52	206.8	16.43	197.4	15.82	188.2	15.23	177.1	14.36	166.6	13.60	152.9	12.61
	35.0	32.0	227.5	16.74	219.2	16.06	206.8	15.06	197.4	14.48	188.2	13.91	177.1	13.11	166.6	12.41	152.9	11.47
	40.0	36.0	227.5	15.22	219.2	14.61	206.8	13.68	197.4	13.13	188.2	12.58	177.1	11.86	166.6	11.21	152.9	10.34
	45.0	41.0	227.5	13.78	219.2	13.21	206.8	12.38	197.4	11.84	188.2	11.33	177.1	10.69	166.6	10.07	152.9	9.27
	47.0	43.0	227.5	13.52	219.2	12.98	206.8	12.15	197.4	11.64	**188.2**	**11.11**	177.1	10.49	166.6	9.88	152.9	9.09
	50.0	46.0	227.5	13.21	219.2	12.67	206.8	11.87	197.4	11.37	188.2	10.87	177.1	10.25	166.6	9.65	152.9	8.88
	55.0	51.0	227.5	12.74	219.2	12.21	206.8	11.42	197.4	10.95	188.2	10.45	177.1	9.87	166.6	9.30	152.9	8.55
	60.0	56.0	227.5	12.20	219.2	11.70	206.8	10.95	197.4	10.49	188.2	10.02	177.1	9.45	166.6	8.91	152.9	8.19

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.
Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.
Nominal heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

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PERFORMANCE DATA

ARUN360BTE4, ARUN360DTE4 / ARUB360BTE4, ARUB360DTE4 Heating Capacity 360,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
130	-12.6	-13.0	275.3	20.47	275.3	21.60	275.3	23.31	274.3	24.73	273.5	26.16	273.1	27.63	272.3	28.35	271.3	29.30
	-7.0	-7.6	300.9	22.18	300.9	23.31	300.9	25.02	300.0	26.44	299.2	27.87	298.8	29.34	297.9	30.05	296.8	31.01
	-4.0	-4.4	316.4	23.20	316.4	24.33	316.4	26.05	315.4	27.47	314.5	28.90	314.1	30.36	313.2	31.08	312.1	32.03
	0.0	-0.4	335.6	24.46	335.6	25.60	335.6	27.31	334.4	28.74	333.5	30.16	333.0	31.63	332.1	32.34	330.9	33.29
	5.0	4.5	359.3	26.05	359.3	27.19	359.3	28.90	358.3	30.32	357.1	31.74	356.6	33.22	355.6	33.93	354.3	34.88
	10.0	9.0	383.3	27.63	383.3	28.77	383.3	30.47	382.0	31.90	380.8	33.33	380.3	34.80	379.3	35.51	377.9	36.47
	15.0	14.0	406.5	29.18	406.5	30.32	406.5	32.03	405.3	33.45	404.1	34.88	403.6	36.35	402.5	37.06	401.0	38.01
	20.0	19.0	430.9	30.79	430.9	31.94	430.9	33.64	429.6	35.07	428.2	36.49	427.7	37.04	426.6	36.49	425.0	35.74
	25.0	23.0	454.8	32.38	454.8	33.51	454.8	35.22	453.3	36.10	452.0	36.99	451.4	35.85	450.2	35.24	448.6	34.43
	30.0	28.0	478.6	33.95	478.6	35.11	478.6	36.81	477.1	36.33	475.6	35.84	472.3	34.65	465.1	34.00	455.6	33.13
	35.0	32.0	502.6	36.66	502.6	36.68	502.6	36.74	500.9	35.72	499.3	34.70	487.0	33.46	466.9	32.76	440.3	31.83
	40.0	36.0	526.2	37.61	526.2	36.79	526.2	35.56	522.8	34.55	519.3	33.55	493.4	32.26	464.7	31.51	426.3	30.52
	45.0	41.0	539.0	36.26	539.0	35.50	539.0	34.36	532.4	33.38	525.7	32.40	493.8	31.06	464.5	30.27	425.6	29.22
	47.0	43.0	540.1	35.66	540.1	34.91	540.1	33.78	532.9	32.81	**525.7**	**31.85**	493.8	30.54	464.5	29.76	425.6	28.73
	50.0	46.0	540.8	34.89	540.8	34.15	540.8	33.06	533.2	32.11	525.7	31.17	493.8	29.89	464.5	29.13	425.6	28.12
	55.0	51.0	540.8	33.74	540.8	33.03	540.8	31.96	533.2	31.05	525.7	30.13	493.8	28.90	464.5	28.16	425.6	27.18
	60.0	56.0	540.8	32.48	540.8	31.80	540.8	30.77	533.2	29.88	525.7	29.00	493.8	27.82	464.5	27.12	425.6	26.18
120	-12.6	-13.0	273.3	22.18	273.3	23.31	273.3	25.02	272.5	25.59	271.5	26.16	271.1	28.37	270.4	28.86	269.3	29.48
	-7.0	-7.6	298.9	23.88	298.9	25.02	298.9	26.73	298.0	27.30	296.9	27.87	296.5	30.08	295.7	30.56	294.6	31.19
	-4.0	-4.4	314.1	24.91	314.1	26.05	314.1	27.76	313.3	28.32	312.3	28.90	311.9	31.11	311.0	31.59	309.8	32.22
	0.0	-0.4	333.2	26.17	333.2	27.31	333.2	29.03	332.1	29.59	331.1	30.16	330.7	32.38	329.8	32.85	328.6	33.48
	5.0	4.5	356.9	27.76	356.9	28.90	356.9	30.61	355.8	31.18	354.6	31.74	354.2	33.95	353.2	34.44	351.9	35.07
	10.0	9.0	380.5	29.34	380.5	30.47	380.5	32.18	379.3	32.76	378.1	33.33	377.6	35.55	376.6	36.02	375.2	36.65
	15.0	14.0	403.8	30.89	403.8	32.03	403.8	33.74	402.4	34.31	401.2	34.88	400.7	37.10	399.6	37.57	398.2	38.20
	20.0	19.0	427.9	32.51	427.9	33.64	427.9	35.35	426.6	36.33	425.2	37.30	424.7	36.53	423.6	36.17	422.0	35.69
	25.0	23.0	451.6	34.09	451.6	35.22	451.6	36.94	450.2	36.52	448.7	36.10	445.8	35.39	439.4	35.00	430.8	34.50
	30.0	28.0	475.3	36.99	475.3	36.81	475.3	36.54	473.8	35.73	472.3	34.91	459.3	34.24	437.9	33.85	409.5	33.31
	35.0	32.0	499.0	37.40	499.0	36.53	499.0	35.23	493.4	34.47	487.9	33.73	464.1	33.11	436.1	32.68	398.7	32.12
	40.0	36.0	523.1	35.74	522.4	35.00	521.3	33.91	507.1	33.22	492.8	32.53	464.3	31.97	436.0	31.52	398.3	30.93
	45.0	41.0	537.6	34.10	534.9	33.48	530.7	32.57	511.8	31.96	492.8	31.33	464.3	30.82	436.0	30.35	398.3	29.74
	47.0	43.0	539.2	33.52	535.8	32.93	530.7	32.03	511.8	31.42	**492.8**	**30.80**	464.3	30.30	436.0	29.84	398.3	29.24
	50.0	46.0	540.2	32.79	536.4	32.22	530.7	31.35	511.8	30.74	492.8	30.13	464.3	29.64	436.0	29.21	398.3	28.62
	55.0	51.0	540.2	31.71	536.4	31.15	530.7	30.31	511.8	29.73	492.8	29.13	464.3	28.66	436.0	28.24	398.3	27.66
	60.0	56.0	540.2	30.53	536.4	29.99	530.7	29.17	511.8	28.62	492.8	28.05	464.3	27.60	436.0	27.18	398.3	26.63
110	-12.6	-13.0	271.8	24.26	271.8	25.02	271.8	26.16	271.0	27.15	270.1	28.15	269.7	29.23	269.0	30.32	267.9	31.79
	-7.0	-7.6	297.2	25.97	297.2	26.73	297.2	27.87	296.3	28.87	295.4	29.87	295.0	30.94	294.2	32.03	293.0	33.49
	-4.0	-4.4	312.5	26.99	312.5	27.76	312.5	28.90	311.5	29.89	310.6	30.89	310.2	31.96	309.3	33.06	308.1	34.52
	0.0	-0.4	331.3	28.26	331.3	29.03	331.3	30.16	330.4	31.16	329.3	32.16	328.9	33.24	328.0	34.33	326.8	35.78
	5.0	4.5	354.9	29.85	354.9	30.61	354.9	31.74	353.8	32.74	352.7	33.74	352.5	34.82	352.1	35.91	351.5	37.37
	10.0	9.0	378.5	31.43	378.5	32.18	378.5	33.33	377.3	34.33	376.1	35.32	376.1	36.40	376.1	37.50	376.1	38.95
	15.0	14.0	401.5	32.98	401.5	33.74	401.5	34.88	400.3	35.89	399.0	36.88	398.7	37.02	398.1	36.12	397.4	34.91
	20.0	19.0	425.7	34.60	425.7	35.35	425.7	36.49	424.2	36.52	423.0	36.55	412.8	35.67	394.4	34.79	369.8	33.62
	25.0	23.0	449.1	37.02	449.1	36.94	449.1	36.81	444.6	36.01	440.1	35.19	416.6	34.34	393.0	33.48	361.5	32.34
	30.0	28.0	472.7	36.92	472.6	36.24	472.5	35.21	457.6	34.53	442.5	33.84	416.6	33.01	393.0	32.19	361.5	31.08
	35.0	32.0	503.6	35.01	496.2	34.47	485.0	33.63	463.7	33.06	442.5	32.48	416.6	31.68	393.0	30.88	361.5	29.80
	40.0	36.0	529.8	33.11	512.8	32.68	487.5	32.05	465.0	31.58	442.5	31.11	416.6	30.36	393.0	29.57	361.5	28.53
	45.0	41.0	534.6	31.26	515.7	30.94	487.5	30.48	465.0	30.13	442.5	29.78	416.6	29.04	393.0	28.28	361.5	27.27
	47.0	43.0	534.6	30.73	515.7	30.43	487.5	29.96	465.0	29.62	**442.5**	**29.27**	416.6	28.55	393.0	27.81	361.5	26.82
	50.0	46.0	534.6	30.08	515.7	29.78	487.5	29.33	465.0	28.99	442.5	28.65	416.6	27.94	393.0	27.20	361.5	26.24
	55.0	51.0	534.6	29.08	515.7	28.78	487.5	28.36	465.0	28.03	442.5	27.70	416.6	27.01	393.0	26.31	361.5	25.37
	60.0	56.0	534.6	28.00	515.7	27.72	487.5	27.30	465.0	26.98	442.5	26.66	416.6	26.01	393.0	25.33	361.5	24.43

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.
Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.
Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Heating Capacity ARUN360BTE4, ARUN360DTE4 / ARUB360BTE4, ARUB360DTE4

360,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
100	-12.6	-13.0	270.7	23.60	270.7	25.08	270.7	27.30	269.8	28.10	269.0	28.90	268.6	30.46	267.9	31.36	266.8	32.56
	-7.0	-7.6	296.0	25.31	296.0	26.79	296.0	29.01	295.1	29.81	294.2	30.61	293.8	32.16	292.9	33.07	291.8	34.26
	-4.0	-4.4	311.3	26.33	311.3	27.81	311.3	30.03	310.3	30.83	309.3	31.63	308.9	33.20	308.1	34.09	306.9	35.30
	0.0	-0.4	329.6	27.61	328.9	29.08	327.9	31.29	327.4	32.10	327.0	32.89	326.6	34.46	325.7	35.35	324.5	36.57
	5.0	4.5	352.3	29.19	352.3	30.67	352.3	32.89	351.3	33.68	350.4	34.49	349.9	36.04	349.0	36.95	347.7	38.15
	10.0	9.0	377.6	30.77	376.5	32.25	375.0	34.46	374.7	35.27	374.6	36.06	370.4	36.96	361.6	36.43	349.9	35.72
	15.0	14.0	399.3	32.32	399.3	33.80	399.3	36.02	398.4	36.12	397.4	36.21	381.3	35.64	358.9	34.71	329.2	33.48
	20.0	19.0	432.3	34.27	430.7	35.42	428.3	37.13	416.7	35.91	405.0	34.69	381.3	33.94	358.9	33.03	329.2	31.82
	25.0	23.0	459.9	36.32	453.4	35.78	443.6	34.97	424.2	34.09	405.0	33.20	381.3	32.29	358.9	31.39	329.2	30.20
	30.0	28.0	481.8	34.88	467.2	34.32	445.2	33.47	425.1	32.60	405.0	31.71	381.3	30.64	358.9	29.76	329.2	28.58
	35.0	32.0	489.8	33.45	472.0	32.86	445.2	31.98	425.1	31.10	405.0	30.23	381.3	28.98	358.9	28.12	329.2	26.97
	40.0	36.0	489.8	32.02	472.0	31.40	445.2	30.49	425.1	29.61	405.0	28.74	381.3	27.32	358.9	26.47	329.2	25.34
	45.0	41.0	489.8	30.59	472.0	29.95	445.2	29.02	425.1	28.15	405.0	27.28	381.3	25.71	358.9	24.88	329.2	23.77
	47.0	43.0	489.8	30.08	472.0	29.45	445.2	28.53	425.1	27.68	**405.0**	**26.82**	381.3	25.28	358.9	24.47	329.2	23.37
	50.0	46.0	489.8	29.43	472.0	28.82	445.2	27.92	425.1	27.08	405.0	26.24	381.3	24.74	358.9	23.93	329.2	22.86
	55.0	51.0	489.8	28.45	472.0	27.87	445.2	27.00	425.1	26.18	405.0	25.38	381.3	23.92	358.9	23.14	329.2	22.11
	60.0	56.0	489.8	27.40	472.0	26.83	445.2	25.99	425.1	25.22	405.0	24.43	381.3	23.03	358.9	22.29	329.2	21.29
90	-12.6	-13.0	269.5	24.78	269.5	25.36	269.5	26.21	268.7	27.16	267.9	28.09	267.5	29.83	266.8	31.26	265.8	33.17
	-7.0	-7.6	294.9	26.49	294.9	27.06	294.9	27.92	293.9	28.86	292.9	29.80	292.5	31.54	291.7	32.97	290.6	34.87
	-4.0	-4.4	310.0	27.52	310.0	28.09	310.0	28.95	309.0	29.89	308.0	30.83	307.6	32.57	306.7	34.00	305.6	35.90
	0.0	-0.4	329.6	28.80	328.9	29.35	327.9	30.21	327.3	31.15	326.6	32.09	325.7	33.84	323.6	35.26	321.0	37.16
	5.0	4.5	352.3	30.37	352.3	30.95	352.3	31.80	351.1	32.74	349.8	33.68	342.2	34.70	329.3	34.57	312.1	34.38
	10.0	9.0	377.6	31.95	376.5	32.52	375.0	33.38	371.9	34.32	368.6	35.25	348.9	34.08	327.9	32.77	299.8	31.01
	15.0	14.0	399.3	33.50	399.3	34.07	399.3	34.93	385.1	34.57	370.9	34.22	349.1	32.62	327.8	31.33	299.5	29.59
	20.0	19.0	442.8	35.88	428.3	35.32	406.6	34.45	388.8	33.55	370.9	32.64	349.1	31.10	327.8	29.82	299.5	28.13
	25.0	23.0	449.2	34.29	432.2	33.71	406.6	32.86	388.8	31.97	370.9	31.10	349.1	29.60	327.8	28.35	299.5	26.69
	30.0	28.0	449.2	32.69	432.2	32.12	406.6	31.27	388.8	30.40	370.9	29.54	349.1	28.11	327.8	26.88	299.5	25.26
	35.0	32.0	449.2	31.09	432.2	30.53	406.6	29.68	388.8	28.84	370.9	28.00	349.1	26.61	327.8	25.42	299.5	23.81
	40.0	36.0	449.2	29.51	432.2	28.93	406.6	28.09	388.8	27.27	370.9	26.44	349.1	25.12	327.8	23.95	299.5	22.38
	45.0	41.0	449.2	27.94	432.2	27.37	406.6	26.53	388.8	25.74	370.9	24.95	349.1	23.67	327.8	22.52	299.5	20.98
	47.0	43.0	449.2	27.46	432.2	26.91	406.6	26.09	388.8	25.31	**370.9**	**24.52**	349.1	23.26	327.8	22.13	299.5	20.63
	50.0	46.0	449.2	26.88	432.2	26.34	406.6	25.53	388.8	24.77	370.9	24.00	349.1	22.77	327.8	21.67	299.5	20.19
	55.0	51.0	449.2	25.99	432.2	25.47	406.6	24.68	388.8	23.95	370.9	23.21	349.1	22.01	327.8	20.95	299.5	19.52
	60.0	56.0	449.2	25.02	432.2	24.51	406.6	23.76	388.8	23.05	370.9	22.34	349.1	21.19	327.8	20.17	299.5	18.79
80	-12.6	-13.0	268.5	21.70	268.5	22.19	268.5	22.93	267.6	24.03	266.7	25.16	266.4	27.53	265.6	28.95	264.6	30.86
	-7.0	-7.6	293.7	23.41	293.7	23.90	293.7	24.64	292.6	25.75	291.8	26.86	290.8	29.14	288.8	30.35	286.0	31.96
	-4.0	-4.4	308.7	24.43	308.7	24.92	308.7	25.67	307.7	26.78	306.8	27.89	302.9	30.10	294.8	31.19	283.9	32.63
	0.0	-0.4	327.6	25.70	327.6	26.18	327.6	26.93	325.6	28.05	323.5	29.15	309.6	30.92	293.7	31.03	272.3	31.19
	5.0	4.5	351.6	27.28	351.6	27.78	351.6	28.51	341.5	29.62	331.6	30.74	311.5	30.31	293.0	29.50	268.2	28.42
	10.0	9.0	383.5	28.87	375.9	29.35	364.3	30.10	348.1	30.42	332.2	30.74	311.5	29.02	293.0	28.21	268.2	27.13
	15.0	14.0	401.7	30.64	387.0	30.91	364.8	31.33	348.4	30.35	332.2	29.38	311.5	27.76	293.0	26.95	268.2	25.88
	20.0	19.0	401.7	30.98	387.0	30.52	364.8	29.84	348.4	28.91	332.2	27.96	311.5	26.43	293.0	25.64	268.2	24.58
	25.0	23.0	401.7	29.53	387.0	29.07	364.8	28.40	348.4	27.49	332.2	26.58	311.5	25.14	293.0	24.35	268.2	23.30
	30.0	28.0	401.7	28.08	387.0	27.63	364.8	26.95	348.4	26.07	332.2	25.18	311.5	23.85	293.0	23.07	268.2	22.02
	35.0	32.0	401.7	26.64	387.0	26.18	364.8	25.50	348.4	24.65	332.2	23.80	311.5	22.56	293.0	21.79	268.2	20.75
	40.0	36.0	401.7	25.19	387.0	24.73	364.8	24.05	348.4	23.23	332.2	22.40	311.5	21.27	293.0	20.49	268.2	19.46
	45.0	41.0	401.7	23.77	387.0	23.32	364.8	22.64	348.4	21.85	332.2	21.06	311.5	20.02	293.0	19.24	268.2	18.22
	47.0	43.0	401.7	23.37	387.0	22.93	364.8	22.26	348.4	21.48	**332.2**	**20.71**	311.5	19.68	293.0	18.92	268.2	17.92
	50.0	46.0	401.7	22.86	387.0	22.43	364.8	21.79	348.4	21.03	332.2	20.25	311.5	19.26	293.0	18.51	268.2	17.53
	55.0	51.0	401.7	22.11	387.0	21.70	364.8	21.06	348.4	20.33	332.2	19.59	311.5	18.61	293.0	17.90	268.2	16.96
	60.0	56.0	401.7	21.29	387.0	20.88	364.8	20.28	348.4	19.57	332.2	18.86	311.5	17.92	293.0	17.23	268.2	16.32

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.
Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.
Nominal heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

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PERFORMANCE DATA

ARUN360BTE4, ARUN360DTE4 / ARUB360BTE4, ARUB360DTE4 Heating Capacity

360,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
70	-12.6	-13.0	268.5	20.70	268.5	21.46	268.5	22.61	267.3	23.85	266.1	25.10	259.7	27.46	251.8	28.89	241.2	30.79
	-7.0	-7.6	289.0	22.41	289.0	23.16	289.0	24.32	284.8	25.67	280.8	27.04	266.1	28.97	250.8	29.84	230.5	30.99
	-4.0	-4.4	301.2	23.43	301.2	24.20	301.2	25.34	291.3	26.77	281.4	28.20	266.1	29.88	250.8	30.42	230.5	31.11
	0.0	-0.4	319.9	24.70	315.2	25.47	307.8	26.60	294.8	28.12	281.5	29.64	266.1	29.63	250.8	29.17	230.5	28.58
	5.0	4.5	335.6	26.29	325.2	27.05	309.4	28.18	295.5	28.82	281.5	29.45	266.1	28.22	250.8	27.72	230.5	27.06
	10.0	9.0	340.5	27.87	328.2	28.62	309.8	29.77	295.7	28.89	281.5	28.02	266.1	26.81	250.8	26.27	230.5	25.55
	15.0	14.0	340.5	30.57	328.2	29.83	309.8	28.73	295.7	27.67	281.5	26.61	266.1	25.44	250.8	24.84	230.5	24.05
	20.0	19.0	340.5	28.92	328.2	28.22	309.8	27.16	295.7	26.15	281.5	25.14	266.1	24.01	250.8	23.36	230.5	22.51
	25.0	23.0	340.5	27.29	328.2	26.62	309.8	25.61	295.7	24.65	281.5	23.69	266.1	22.60	250.8	21.91	230.5	21.01
	30.0	28.0	340.5	25.67	328.2	25.02	309.8	24.06	295.7	23.16	281.5	22.25	266.1	21.19	250.8	20.46	230.5	19.48
	35.0	32.0	340.5	24.04	328.2	23.44	309.8	22.53	295.7	21.66	281.5	20.81	266.1	19.80	250.8	19.01	230.5	17.97
	40.0	36.0	340.5	22.42	328.2	21.84	309.8	20.98	295.7	20.18	281.5	19.38	266.1	18.38	250.8	17.55	230.5	16.46
	45.0	41.0	340.5	20.86	328.2	20.31	309.8	19.49	295.7	18.73	281.5	17.98	266.1	17.04	250.8	16.17	230.5	15.01
	47.0	43.0	340.5	20.50	328.2	19.97	309.8	19.16	295.7	18.42	**281.5**	**17.68**	266.1	16.75	250.8	15.90	230.5	14.76
	50.0	46.0	340.5	20.05	328.2	19.53	309.8	18.75	295.7	18.02	281.5	17.30	266.1	16.39	250.8	15.56	230.5	14.44
	55.0	51.0	340.5	19.40	328.2	18.88	309.8	18.13	295.7	17.43	281.5	16.73	266.1	15.85	250.8	15.03	230.5	13.95
	60.0	56.0	340.5	18.66	328.2	18.18	309.8	17.46	295.7	16.78	281.5	16.11	266.1	15.25	250.8	14.48	230.5	13.44
60	-12.6	-13.0	251.5	20.63	251.5	21.36	251.5	22.44	246.5	23.84	241.5	25.24	227.4	27.63	214.9	29.05	198.3	30.95
	-7.0	-7.6	271.5	22.34	269.5	23.07	266.5	24.15	254.0	25.60	241.5	27.05	227.4	28.06	214.9	29.01	198.3	30.28
	-4.0	-4.4	289.5	23.36	280.3	24.09	266.5	25.17	254.0	26.62	241.5	28.07	227.4	28.33	214.9	27.65	198.3	26.74
	0.0	-0.4	291.5	24.64	281.5	25.36	266.5	26.43	254.0	27.34	241.5	28.24	227.4	27.31	214.9	26.44	198.3	25.29
	5.0	4.5	291.5	26.22	281.5	26.94	266.5	28.02	254.0	27.42	241.5	26.81	227.4	25.87	214.9	25.01	198.3	23.85
	10.0	9.0	291.5	28.92	281.5	28.52	266.5	27.91	254.0	26.65	241.5	25.38	227.4	24.44	214.9	23.56	198.3	22.42
	15.0	14.0	291.5	28.18	281.5	27.46	266.5	26.36	254.0	25.17	241.5	23.99	227.4	23.03	214.9	22.15	198.3	21.00
	20.0	19.0	291.5	26.57	281.5	25.85	266.5	24.74	254.0	23.64	241.5	22.53	227.4	21.56	214.9	20.69	198.3	19.54
	25.0	23.0	291.5	25.00	281.5	24.26	266.5	23.15	254.0	22.12	241.5	21.10	227.4	20.11	214.9	19.24	198.3	18.10
	30.0	28.0	291.5	23.43	281.5	22.69	266.5	21.57	254.0	20.63	241.5	19.68	227.4	18.68	214.9	17.81	198.3	16.65
	35.0	32.0	291.5	21.86	281.5	21.11	266.5	19.98	254.0	19.12	241.5	18.25	227.4	17.23	214.9	16.37	198.3	15.21
	40.0	36.0	291.5	20.29	281.5	19.53	266.5	18.39	254.0	17.61	241.5	16.83	227.4	15.80	214.9	14.93	198.3	13.76
	45.0	41.0	291.5	18.77	281.5	18.02	266.5	16.87	254.0	16.17	241.5	15.46	227.4	14.43	214.9	13.56	198.3	12.41
	47.0	43.0	291.5	18.46	281.5	17.70	266.5	16.59	254.0	15.90	**241.5**	**15.20**	227.4	14.18	214.9	13.33	198.3	12.19
	50.0	46.0	291.5	18.06	281.5	17.33	266.5	16.23	254.0	15.56	241.5	14.87	227.4	13.88	214.9	13.05	198.3	11.94
	55.0	51.0	291.5	17.46	281.5	16.76	266.5	15.70	254.0	15.03	241.5	14.38	227.4	13.43	214.9	12.61	198.3	11.53
	60.0	56.0	291.5	16.82	281.5	16.13	266.5	15.11	254.0	14.48	241.5	13.85	227.4	12.92	214.9	12.15	198.3	11.10
50	-12.6	-13.0	243.8	18.67	234.9	19.80	221.6	21.51	211.5	22.97	201.6	24.42	189.7	25.44	178.5	26.39	163.8	27.65
	-7.0	-7.6	243.8	20.38	234.9	21.51	221.6	23.22	211.5	24.11	201.6	24.99	189.7	25.59	178.5	24.43	163.8	22.86
	-4.0	-4.4	243.8	21.40	234.9	22.53	221.6	24.24	211.5	25.13	201.6	26.01	189.7	24.72	178.5	23.59	163.8	22.07
	0.0	-0.4	243.8	22.67	234.9	23.80	221.6	25.52	211.5	25.30	201.6	25.10	189.7	23.66	178.5	22.57	163.8	21.10
	5.0	4.5	243.8	25.49	234.9	25.39	221.6	25.24	211.5	24.46	201.6	23.68	189.7	22.34	178.5	21.27	163.8	19.88
	10.0	9.0	243.8	26.32	234.9	25.31	221.6	23.77	211.5	23.02	201.6	22.27	189.7	21.00	178.5	20.00	163.8	18.66
	15.0	14.0	243.8	24.75	234.9	23.79	221.6	22.34	211.5	21.61	201.6	20.89	189.7	19.69	178.5	18.74	163.8	17.46
	20.0	19.0	243.8	23.12	234.9	22.21	221.6	20.85	211.5	20.15	201.6	19.45	189.7	18.33	178.5	17.42	163.8	16.21
	25.0	23.0	243.8	21.50	234.9	20.66	221.6	19.38	211.5	18.71	201.6	18.04	189.7	17.01	178.5	16.14	163.8	15.00
	30.0	28.0	243.8	19.90	234.9	19.11	221.6	17.93	211.5	17.27	201.6	16.62	189.7	15.68	178.5	14.86	163.8	13.77
	35.0	32.0	243.8	18.29	234.9	17.56	221.6	16.46	211.5	15.83	201.6	15.21	189.7	14.34	178.5	13.57	163.8	12.55
	40.0	36.0	243.8	16.67	234.9	16.01	221.6	15.00	211.5	14.39	201.6	13.79	189.7	13.01	178.5	12.29	163.8	11.34
	45.0	41.0	243.8	15.14	234.9	14.52	221.6	13.61	211.5	13.02	201.6	12.45	189.7	11.75	178.5	11.07	163.8	10.18
	47.0	43.0	243.8	14.88	234.9	14.29	221.6	13.37	211.5	12.81	**201.6**	**12.23**	189.7	11.55	178.5	10.88	163.8	10.01
	50.0	46.0	243.8	14.57	234.9	13.98	221.6	13.09	211.5	12.54	201.6	11.98	189.7	11.30	178.5	10.65	163.8	9.79
	55.0	51.0	243.8	14.10	234.9	13.52	221.6	12.65	211.5	12.12	201.6	11.58	189.7	10.93	178.5	10.30	163.8	9.47
	60.0	56.0	243.8	13.57	234.9	13.01	221.6	12.18	211.5	11.67	201.6	11.15	189.7	10.52	178.5	9.91	163.8	9.11

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.
Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.
Nominal heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Heating Capacity ARUN384BTE4, ARUN384DTE4 / ARUB384BTE4, ARUB384DTE4

384,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
130	-12.6	-13.0	313.3	16.13	313.3	17.70	313.3	20.01	312.3	21.95	311.3	23.88	310.0	25.89	307.2	26.87	303.3	28.16
	-7.0	-7.6	337.3	18.46	337.3	20.01	337.3	22.34	336.3	24.28	335.3	26.21	333.8	28.22	330.8	29.17	326.7	30.47
	-4.0	-4.4	352.0	19.85	352.0	21.42	352.0	23.72	350.8	25.67	349.7	27.60	348.2	29.61	345.0	30.58	340.5	31.88
	0.0	-0.4	369.9	21.58	369.9	23.12	369.9	25.45	368.7	27.40	367.4	29.33	365.8	31.34	362.5	32.29	358.0	33.58
	5.0	4.5	392.3	23.72	392.3	25.29	392.3	27.60	391.0	29.55	389.8	31.47	388.1	33.48	384.4	34.46	379.6	35.75
	10.0	9.0	414.7	25.89	414.7	27.44	414.7	29.77	413.2	31.69	411.9	33.64	410.2	35.63	406.4	36.60	401.3	37.90
	15.0	14.0	436.5	28.00	436.5	29.55	436.5	31.88	435.2	33.80	433.9	35.75	432.0	37.74	427.8	38.71	422.4	40.01
	20.0	19.0	459.2	30.18	459.2	31.75	459.2	34.06	457.9	36.00	456.4	37.93	454.4	38.62	450.2	37.81	444.5	36.73
	25.0	23.0	481.6	32.35	481.6	33.89	481.6	36.22	480.3	37.33	478.7	38.46	476.5	36.80	472.3	36.00	466.2	34.93
	30.0	28.0	504.0	34.49	504.0	36.04	504.0	38.37	502.4	37.45	500.8	36.54	498.6	34.97	493.8	34.18	487.4	33.14
	35.0	32.0	526.4	38.53	526.4	38.21	526.4	37.70	524.8	36.16	523.2	34.62	515.6	33.16	499.5	32.38	478.1	31.34
	40.0	36.0	548.8	38.74	548.8	37.30	548.8	35.15	547.2	33.92	545.3	32.69	525.4	31.34	496.0	30.56	456.7	29.55
	45.0	41.0	570.2	34.43	570.2	33.71	570.2	32.63	565.5	31.69	560.7	30.75	526.7	29.49	495.4	28.76	454.0	27.75
	47.0	43.0	574.4	33.52	574.4	32.82	574.4	31.76	567.6	30.84	**560.7**	**29.95**	526.7	28.72	495.4	27.98	454.0	27.02
	50.0	46.0	576.9	32.29	576.9	31.60	576.9	30.59	568.7	29.71	560.7	28.83	526.7	27.66	495.4	26.96	454.0	26.02
	55.0	51.0	576.9	30.30	576.9	29.67	576.9	28.70	568.7	27.88	560.7	27.06	526.7	25.96	495.4	25.30	454.0	24.42
	60.0	56.0	576.9	28.19	576.9	27.59	576.9	26.71	568.7	25.93	560.7	25.17	526.7	24.13	495.4	23.53	454.0	22.71
120	-12.6	-13.0	311.0	18.46	311.0	20.01	311.0	22.34	310.1	23.12	309.1	23.88	307.8	26.90	304.9	27.56	301.1	28.41
	-7.0	-7.6	335.0	20.79	335.0	22.34	335.0	24.66	334.0	25.45	332.9	26.21	331.5	29.23	328.4	29.87	324.2	30.74
	-4.0	-4.4	349.4	22.18	349.4	23.72	349.4	26.05	348.4	26.84	347.2	27.60	345.7	30.62	342.4	31.28	338.2	32.13
	0.0	-0.4	367.1	23.91	367.1	25.45	367.1	27.78	366.1	28.56	364.8	29.33	363.2	32.35	360.0	32.98	355.5	33.86
	5.0	4.5	389.4	26.05	389.4	27.60	389.4	29.93	388.2	30.71	386.9	31.47	385.3	34.49	381.7	35.15	376.9	36.00
	10.0	9.0	411.6	28.22	411.6	29.77	411.6	32.09	410.3	32.86	409.0	33.64	407.3	36.64	403.5	37.30	398.4	38.15
	15.0	14.0	433.3	30.33	433.3	31.88	433.3	34.20	432.0	34.97	430.7	35.75	428.8	38.75	424.9	39.41	419.5	40.26
	20.0	19.0	456.0	32.51	456.0	34.06	456.0	36.39	454.7	37.70	453.2	39.00	451.2	37.86	447.0	37.36	441.3	36.69
	25.0	23.0	478.4	34.68	478.4	36.22	478.4	38.55	476.8	37.86	475.2	37.17	472.3	36.14	466.2	35.66	457.9	35.00
	30.0	28.0	500.5	38.81	500.5	38.37	500.5	37.70	498.9	36.51	497.3	35.31	488.0	34.43	467.8	33.95	440.9	33.32
	35.0	32.0	522.6	38.87	522.6	37.49	522.6	35.44	520.0	34.46	517.1	33.45	494.4	32.70	465.3	32.25	426.6	31.63
	40.0	36.0	544.9	35.57	544.9	34.62	544.9	33.17	535.3	32.39	525.7	31.60	495.3	31.00	465.0	30.55	424.9	29.93
	45.0	41.0	566.1	32.38	566.1	31.79	566.1	30.93	545.9	30.34	525.7	29.74	495.3	29.26	465.0	28.82	424.9	28.23
	47.0	43.0	572.4	31.50	569.9	30.96	566.1	30.11	545.9	29.54	**525.7**	**28.95**	495.3	28.48	465.0	28.06	424.9	27.50
	50.0	46.0	576.3	30.36	572.2	29.80	566.1	29.01	545.9	28.45	525.7	27.88	495.3	27.44	465.0	27.03	424.9	26.47
	55.0	51.0	576.3	28.48	572.2	27.98	566.1	27.22	545.9	26.71	525.7	26.18	495.3	25.74	465.0	25.36	424.9	24.85
	60.0	56.0	576.3	26.49	572.2	26.02	566.1	25.32	545.9	24.82	525.7	24.35	495.3	23.94	465.0	23.59	424.9	23.12
110	-12.6	-13.0	309.4	21.30	309.4	22.34	309.4	23.88	308.4	25.24	307.5	26.59	306.2	28.07	303.3	29.55	299.5	31.53
	-7.0	-7.6	333.2	23.63	333.2	24.66	333.2	26.21	332.2	27.57	331.2	28.92	329.6	30.40	326.7	31.88	322.5	33.86
	-4.0	-4.4	347.5	25.02	347.5	26.05	347.5	27.60	346.5	28.95	345.3	30.33	343.9	31.79	340.7	33.27	336.3	35.25
	0.0	-0.4	365.2	26.74	365.2	27.78	365.2	29.33	364.1	30.68	362.9	32.04	361.3	33.51	358.0	35.00	353.6	36.98
	5.0	4.5	387.2	28.89	387.2	29.93	387.2	31.47	386.2	32.83	384.9	34.20	384.3	35.66	382.7	37.14	380.8	39.12
	10.0	9.0	409.3	31.06	409.3	32.09	409.3	33.64	408.0	34.99	406.8	36.35	406.8	37.81	406.8	39.31	406.8	41.27
	15.0	14.0	431.0	33.17	431.0	34.20	431.0	35.75	429.7	37.10	428.4	38.46	427.5	38.65	425.3	37.43	422.7	35.79
	20.0	19.0	453.5	35.35	453.5	36.39	453.5	37.93	452.2	37.95	450.8	37.96	440.3	36.79	420.7	35.63	394.5	34.12
	25.0	23.0	475.8	38.71	475.8	38.55	475.8	38.30	472.0	37.14	468.5	36.01	444.4	34.94	419.2	33.89	385.6	32.48
	30.0	28.0	497.9	38.37	497.9	37.39	497.9	35.94	484.8	35.02	472.0	34.08	444.4	33.10	419.2	32.13	385.6	30.84
	35.0	32.0	523.8	35.44	520.0	34.71	514.0	33.61	493.1	32.88	472.0	32.13	444.4	31.25	419.2	30.37	385.6	29.20
	40.0	36.0	556.7	32.53	542.0	32.01	520.0	31.25	496.0	30.74	472.0	30.21	444.4	29.42	419.2	28.61	385.6	27.54
	45.0	41.0	570.2	29.68	550.1	29.39	520.0	28.95	496.0	28.60	472.0	28.28	444.4	27.57	419.2	26.86	385.6	25.89
	47.0	43.0	570.2	28.89	550.1	28.60	520.0	28.19	496.0	27.85	**472.0**	**27.53**	444.4	26.84	419.2	26.14	385.6	25.20
	50.0	46.0	570.2	27.82	550.1	27.56	520.0	27.15	496.0	26.83	472.0	26.50	444.4	25.86	419.2	25.17	385.6	24.28
	55.0	51.0	570.2	26.12	550.1	25.86	520.0	25.48	496.0	25.17	472.0	24.88	444.4	24.26	419.2	23.63	385.6	22.78
	60.0	56.0	570.2	24.29	550.1	24.04	520.0	23.69	496.0	23.41	472.0	23.15	444.4	22.56	419.2	21.98	385.6	21.20

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.
Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.
Nominal heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

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ARUN384BTE4, ARUN384DTE4 / ARUB384BTE4, ARUB384DTE4 Heating Capacity

384,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
100	-12.6	-13.0	308.1	22.86	308.1	23.88	308.1	25.45	307.2	26.52	306.2	27.60	304.9	29.73	302.0	30.96	298.2	32.60
	-7.0	-7.6	331.8	25.17	331.8	26.21	331.8	27.76	330.9	28.85	329.9	29.93	328.3	32.06	325.4	33.29	321.3	34.91
	-4.0	-4.4	346.2	26.58	346.2	27.60	346.2	29.17	345.0	30.24	344.0	31.34	342.4	33.45	339.2	34.68	335.0	36.32
	0.0	-0.4	363.2	28.29	362.6	29.33	361.3	30.87	360.9	31.97	360.4	33.05	358.8	35.18	355.5	36.39	351.0	38.03
	5.0	4.5	384.6	30.46	384.6	31.47	384.6	33.04	383.4	34.12	382.4	35.19	380.8	37.33	377.2	38.55	372.5	40.19
	10.0	9.0	408.3	32.60	407.3	33.64	405.7	35.19	405.4	36.26	405.1	37.36	399.0	38.61	385.6	37.96	367.7	37.13
	15.0	14.0	428.7	34.71	428.7	35.75	428.7	37.30	427.6	37.45	426.6	37.61	406.7	36.95	382.8	35.84	351.1	34.34
	20.0	19.0	461.1	37.36	459.5	37.93	456.9	38.80	444.5	37.21	432.0	35.63	406.7	34.83	382.8	33.76	351.1	32.35
	25.0	23.0	490.6	39.88	483.6	38.24	473.2	35.81	452.5	34.74	432.0	33.68	406.7	32.73	382.8	31.72	351.1	30.37
	30.0	28.0	513.9	37.14	498.3	35.78	474.9	33.74	453.4	32.73	432.0	31.72	406.7	30.65	382.8	29.70	351.1	28.41
	35.0	32.0	522.5	34.43	503.4	33.33	474.9	31.66	453.4	30.72	432.0	29.77	406.7	28.57	382.8	27.66	351.1	26.46
	40.0	36.0	522.5	31.72	503.4	30.87	474.9	29.61	453.4	28.72	432.0	27.84	406.7	26.46	382.8	25.61	351.1	24.50
	45.0	41.0	522.5	29.04	503.4	28.45	474.9	27.56	453.4	26.74	432.0	25.90	406.7	24.41	382.8	23.63	351.1	22.58
	47.0	43.0	522.5	28.28	503.4	27.69	474.9	26.83	453.4	26.02	**432.0**	**25.23**	406.7	23.78	382.8	23.00	351.1	21.98
	50.0	46.0	522.5	27.22	503.4	26.68	474.9	25.83	453.4	25.07	432.0	24.29	406.7	22.90	382.8	22.15	351.1	21.17
	55.0	51.0	522.5	25.55	503.4	25.04	474.9	24.25	453.4	23.53	432.0	22.80	406.7	21.48	382.8	20.79	351.1	19.87
	60.0	56.0	522.5	23.78	503.4	23.28	474.9	22.55	453.4	21.87	432.0	21.20	406.7	19.97	382.8	19.34	351.1	18.46
90	-12.6	-13.0	306.9	22.62	306.9	23.40	306.9	24.57	305.9	25.83	304.9	27.12	303.6	29.49	300.8	31.44	297.0	34.02
	-7.0	-7.6	330.5	24.95	330.5	25.73	330.5	26.90	329.5	28.16	328.4	29.45	327.0	31.82	323.9	33.76	320.0	36.35
	-4.0	-4.4	344.7	26.34	344.7	27.12	344.7	28.29	343.7	29.55	342.5	30.84	341.1	33.21	337.9	35.15	333.7	37.74
	0.0	-0.4	363.2	28.07	362.6	28.85	361.3	30.01	360.7	31.28	360.0	32.57	356.8	34.94	350.0	36.88	340.8	39.47
	5.0	4.5	384.6	30.21	384.6	31.00	384.6	32.16	383.1	33.43	381.8	34.71	368.6	36.16	351.0	36.07	327.7	35.97
	10.0	9.0	408.3	32.38	407.3	33.14	405.7	34.31	400.3	35.59	394.9	36.86	372.4	35.44	349.7	33.86	319.4	31.75
	15.0	14.0	428.7	34.49	428.7	35.25	428.7	36.42	412.2	35.98	395.6	35.56	372.4	33.62	349.7	32.10	319.4	30.08
	20.0	19.0	472.3	37.68	456.9	36.92	433.7	35.79	414.7	34.66	395.6	33.54	372.4	31.72	349.7	30.28	319.4	28.35
	25.0	23.0	479.1	35.44	461.1	34.74	433.7	33.67	414.7	32.61	395.6	31.56	372.4	29.87	349.7	28.50	319.4	26.65
	30.0	28.0	479.1	33.21	461.1	32.54	433.7	31.53	414.7	30.56	395.6	29.58	372.4	28.01	349.7	26.71	319.4	24.98
	35.0	32.0	479.1	30.97	461.1	30.34	433.7	29.42	414.7	28.51	395.6	27.60	372.4	26.15	349.7	24.92	319.4	23.28
	40.0	36.0	479.1	28.73	461.1	28.16	433.7	27.28	414.7	26.46	395.6	25.64	372.4	24.29	349.7	23.15	319.4	21.58
	45.0	41.0	479.1	26.53	461.1	25.99	433.7	25.20	414.7	24.44	395.6	23.69	372.4	22.46	349.7	21.39	319.4	19.93
	47.0	43.0	479.1	25.83	461.1	25.30	433.7	24.54	414.7	23.79	**395.6**	**23.06**	372.4	21.87	349.7	20.82	319.4	19.40
	50.0	46.0	479.1	24.88	461.1	24.38	433.7	23.63	414.7	22.91	395.6	22.21	372.4	21.07	349.7	20.04	319.4	18.68
	55.0	51.0	479.1	23.34	461.1	22.87	433.7	22.18	414.7	21.51	395.6	20.85	372.4	19.78	349.7	18.81	319.4	17.54
	60.0	56.0	479.1	21.71	461.1	21.27	433.7	20.63	414.7	20.00	395.6	19.38	372.4	18.39	349.7	17.49	319.4	16.31
80	-12.6	-13.0	305.6	19.68	305.6	20.35	305.6	21.36	304.6	22.87	303.7	24.38	302.4	27.60	299.5	29.55	295.7	32.13
	-7.0	-7.6	329.2	22.01	329.2	22.68	329.2	23.69	328.0	25.20	327.1	26.71	323.5	29.80	315.8	31.44	305.3	33.64
	-4.0	-4.4	343.3	23.40	343.3	24.07	343.3	25.08	342.1	26.59	341.1	28.10	331.5	31.12	312.9	32.58	288.0	34.55
	0.0	-0.4	360.0	25.11	360.0	25.80	360.0	26.80	356.2	28.32	352.3	29.83	332.2	32.25	312.6	32.47	286.1	32.76
	5.0	4.5	379.6	27.28	379.6	27.94	379.6	28.95	367.0	30.46	354.3	31.97	332.2	31.56	312.6	30.59	286.1	29.32
	10.0	9.0	406.1	29.42	399.3	30.09	389.1	31.10	371.6	31.59	354.3	32.06	332.2	29.99	312.6	29.05	286.1	27.81
	15.0	14.0	428.5	31.82	412.8	32.20	389.1	32.79	371.6	31.57	354.3	30.37	332.2	28.45	312.6	27.54	286.1	26.34
	20.0	19.0	428.5	32.28	412.8	31.72	389.1	30.87	371.6	29.73	354.3	28.60	332.2	26.84	312.6	25.96	286.1	24.80
	25.0	23.0	428.5	30.33	412.8	29.80	389.1	28.98	371.6	27.94	354.3	26.87	332.2	25.27	312.6	24.42	286.1	23.31
	30.0	28.0	428.5	28.38	412.8	27.88	389.1	27.09	371.6	26.12	354.3	25.14	332.2	23.69	312.6	22.87	286.1	21.80
	35.0	32.0	428.5	26.43	412.8	25.95	389.1	25.23	371.6	24.32	354.3	23.43	332.2	22.12	312.6	21.33	286.1	20.29
	40.0	36.0	428.5	24.48	412.8	24.03	389.1	23.34	371.6	22.52	354.3	21.70	332.2	20.54	312.6	19.79	286.1	18.78
	45.0	41.0	428.5	22.58	412.8	22.14	389.1	21.51	371.6	20.76	354.3	20.00	332.2	19.00	312.6	18.27	286.1	17.30
	47.0	43.0	428.5	21.98	412.8	21.55	389.1	20.92	371.6	20.19	**354.3**	**19.47**	332.2	18.49	312.6	17.79	286.1	16.85
	50.0	46.0	428.5	21.17	412.8	20.76	389.1	20.16	371.6	19.46	354.3	18.75	332.2	17.82	312.6	17.13	286.1	16.22
	55.0	51.0	428.5	19.87	412.8	19.49	389.1	18.93	371.6	18.27	354.3	17.60	332.2	16.72	312.6	16.07	286.1	15.22
	60.0	56.0	428.5	18.46	412.8	18.12	389.1	17.60	371.6	16.98	354.3	16.37	332.2	15.56	312.6	14.96	286.1	14.17

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.
Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.
Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Heating Capacity ARUN384BTE4, ARUN384DTE4 / ARUB384BTE4, ARUB384DTE4

384,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
70	-12.6	-13.0	305.6	18.78	305.6	19.82	305.6	21.36	303.0	23.03	300.2	24.67	283.8	27.94	267.5	29.90	245.8	32.51
	-7.0	-7.6	312.9	21.11	312.9	22.14	312.9	23.69	306.6	25.51	300.2	27.31	283.8	29.96	267.5	31.15	245.8	32.72
	-4.0	-4.4	317.4	22.50	317.4	23.53	317.4	25.08	308.8	26.99	300.2	28.89	283.8	31.18	267.5	31.88	245.8	32.83
	0.0	-0.4	322.8	24.22	322.8	25.26	322.8	26.81	311.6	28.82	300.2	30.84	283.8	30.96	267.5	30.43	245.8	29.74
	5.0	4.5	346.8	26.37	339.5	27.41	328.3	28.95	314.3	29.86	300.2	30.74	283.8	29.30	267.5	28.76	245.8	28.03
	10.0	9.0	363.2	28.54	350.1	29.57	330.5	31.12	315.5	30.08	300.2	29.04	283.8	27.66	267.5	27.06	245.8	26.30
	15.0	14.0	363.2	32.13	350.1	31.22	330.5	29.87	315.5	28.60	300.2	27.34	283.8	26.05	267.5	25.42	245.8	24.60
	20.0	19.0	363.2	30.02	350.1	29.20	330.5	27.94	315.5	26.77	300.2	25.61	283.8	24.35	267.5	23.72	245.8	22.84
	25.0	23.0	363.2	27.97	350.1	27.19	330.5	26.05	315.5	24.95	300.2	23.88	283.8	22.71	267.5	22.02	245.8	21.10
	30.0	28.0	363.2	25.92	350.1	25.20	330.5	24.13	315.5	23.15	300.2	22.18	283.8	21.07	267.5	20.35	245.8	19.37
	35.0	32.0	363.2	23.85	350.1	23.21	330.5	22.24	315.5	21.36	300.2	20.47	283.8	19.43	267.5	18.65	245.8	17.64
	40.0	36.0	363.2	21.80	350.1	21.23	330.5	20.35	315.5	19.56	300.2	18.74	283.8	17.77	267.5	16.98	245.8	15.91
	45.0	41.0	363.2	19.81	350.1	19.28	330.5	18.52	315.5	17.80	300.2	17.08	283.8	16.19	267.5	15.34	245.8	14.24
	47.0	43.0	363.2	19.28	350.1	18.77	330.5	18.02	315.5	17.32	**300.2**	**16.63**	283.8	15.75	267.5	14.94	245.8	13.86
	50.0	46.0	363.2	18.56	350.1	18.08	330.5	17.36	315.5	16.69	300.2	16.01	283.8	15.18	267.5	14.39	245.8	13.36
	55.0	51.0	363.2	17.42	350.1	16.97	330.5	16.29	315.5	15.66	300.2	15.03	283.8	14.24	267.5	13.51	245.8	12.54
	60.0	56.0	363.2	16.20	350.1	15.78	330.5	15.15	315.5	14.56	300.2	13.98	283.8	13.23	267.5	12.57	245.8	11.66
60	-12.6	-13.0	268.2	19.09	268.2	20.06	268.2	21.54	263.0	23.47	257.6	25.39	242.6	28.76	229.2	30.77	211.5	33.46
	-7.0	-7.6	289.6	21.41	287.4	22.39	284.2	23.85	271.0	25.83	257.6	27.81	242.6	29.20	229.2	30.49	211.5	32.20
	-4.0	-4.4	308.8	22.80	298.9	23.78	284.2	25.26	271.0	27.22	257.6	29.20	242.6	29.64	229.2	28.88	211.5	27.87
	0.0	-0.4	311.0	24.51	300.2	25.51	284.2	26.97	271.0	28.25	257.6	29.52	242.6	28.48	229.2	27.50	211.5	26.21
	5.0	4.5	311.0	26.68	300.2	27.66	284.2	29.13	271.0	28.50	257.6	27.87	242.6	26.83	229.2	25.87	211.5	24.60
	10.0	9.0	311.0	30.27	300.2	29.80	284.2	29.14	271.0	27.68	257.6	26.21	242.6	25.17	229.2	24.25	211.5	22.99
	15.0	14.0	311.0	29.39	300.2	28.54	284.2	27.28	271.0	25.95	257.6	24.60	242.6	23.56	229.2	22.65	211.5	21.42
	20.0	19.0	311.0	27.43	300.2	26.61	284.2	25.36	271.0	24.13	257.6	22.90	242.6	21.89	229.2	20.98	211.5	19.78
	25.0	23.0	311.0	25.49	300.2	24.69	284.2	23.49	271.0	22.37	257.6	21.26	242.6	20.23	229.2	19.34	211.5	18.15
	30.0	28.0	311.0	23.56	300.2	22.78	284.2	21.61	271.0	20.60	257.6	19.59	242.6	18.59	229.2	17.71	211.5	16.54
	35.0	32.0	311.0	21.64	300.2	20.86	284.2	19.72	271.0	18.83	257.6	17.93	242.6	16.94	229.2	16.07	211.5	14.93
	40.0	36.0	311.0	19.69	300.2	18.96	284.2	17.83	271.0	17.07	257.6	16.28	242.6	15.28	229.2	14.45	211.5	13.32
	45.0	41.0	311.0	17.83	300.2	17.10	284.2	16.03	271.0	15.34	257.6	14.68	242.6	13.70	229.2	12.88	211.5	11.78
	47.0	43.0	311.0	17.36	300.2	16.66	284.2	15.59	271.0	14.94	**257.6**	**14.30**	242.6	13.33	229.2	12.54	211.5	11.47
	50.0	46.0	311.0	16.72	300.2	16.03	284.2	15.02	271.0	14.39	257.6	13.76	242.6	12.85	229.2	12.07	211.5	11.05
	55.0	51.0	311.0	15.69	300.2	15.06	284.2	14.11	271.0	13.51	257.6	12.92	242.6	12.06	229.2	11.34	211.5	10.36
	60.0	56.0	311.0	14.59	300.2	13.99	284.2	13.11	271.0	12.57	257.6	12.01	242.6	11.21	229.2	10.53	211.5	9.64
50	-12.6	-13.0	260.1	17.23	250.6	18.78	236.4	21.10	225.6	23.09	215.0	25.05	202.3	26.43	190.4	27.72	174.7	29.45
	-7.0	-7.6	260.1	19.56	250.6	21.10	236.4	23.43	225.6	24.63	215.0	25.83	202.3	26.77	190.4	25.46	174.7	23.72
	-4.0	-4.4	260.1	20.95	250.6	22.49	236.4	24.82	225.6	26.02	215.0	27.22	202.3	25.80	190.4	24.54	174.7	22.84
	0.0	-0.4	260.1	22.68	250.6	24.22	236.4	26.55	225.6	26.37	215.0	26.21	202.3	24.60	190.4	23.38	174.7	21.76
	5.0	4.5	260.1	26.39	250.6	26.37	236.4	26.34	225.6	25.48	215.0	24.60	202.3	23.09	190.4	21.95	174.7	20.41
	10.0	9.0	260.1	27.59	250.6	26.42	236.4	24.66	225.6	23.82	215.0	23.00	202.3	21.60	190.4	20.51	174.7	19.06
	15.0	14.0	260.1	25.73	250.6	24.63	236.4	23.00	225.6	22.21	215.0	21.42	202.3	20.13	190.4	19.09	174.7	17.74
	20.0	19.0	260.1	23.79	250.6	22.78	236.4	21.29	225.6	20.54	215.0	19.78	202.3	18.59	190.4	17.64	174.7	16.35
	25.0	23.0	260.1	21.89	250.6	20.98	236.4	19.60	225.6	18.90	215.0	18.18	202.3	17.10	190.4	16.19	174.7	15.00
	30.0	28.0	260.1	20.00	250.6	19.16	236.4	17.92	225.6	17.24	215.0	16.57	202.3	15.59	190.4	14.77	174.7	13.67
	35.0	32.0	260.1	18.11	250.6	17.35	236.4	16.22	225.6	15.59	215.0	14.96	202.3	14.09	190.4	13.33	174.7	12.31
	40.0	36.0	260.1	16.20	250.6	15.53	236.4	14.55	225.6	13.95	215.0	13.36	202.3	12.60	190.4	11.90	174.7	10.96
	45.0	41.0	260.1	14.39	250.6	13.80	236.4	12.92	225.6	12.38	215.0	11.82	202.3	11.15	190.4	10.52	174.7	9.67
	47.0	43.0	260.1	14.01	250.6	13.42	236.4	12.57	225.6	12.04	**215.0**	**11.50**	202.3	10.87	190.4	10.24	174.7	9.41
	50.0	46.0	260.1	13.48	250.6	12.94	236.4	12.12	225.6	11.59	215.0	11.09	202.3	10.46	190.4	9.86	174.7	9.07
	55.0	51.0	260.1	12.66	250.6	12.13	236.4	11.37	225.6	10.89	215.0	10.40	202.3	9.82	190.4	9.26	174.7	8.50
	60.0	56.0	260.1	11.78	250.6	11.28	236.4	10.58	225.6	10.12	215.0	9.67	202.3	9.13	190.4	8.60	174.7	7.91

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.
Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.
Nominal heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

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PERFORMANCE DATA

ARUN408BTE4, ARUN408DTE4 / ARUB408BTE4, ARUB408DTE4 Heating Capacity

480,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
130	-12.6	-13.0	332.9	16.90	332.9	18.54	332.9	20.97	331.8	22.99	330.7	25.02	329.3	27.12	326.4	28.15	322.2	29.50
	-7.0	-7.6	358.4	19.34	358.4	20.97	358.4	23.41	357.3	25.43	356.2	27.46	354.7	29.56	351.4	30.56	347.1	31.93
	-4.0	-4.4	374.0	20.80	374.0	22.44	374.0	24.85	372.8	26.89	371.5	28.92	370.0	31.02	366.6	32.03	361.8	33.40
	0.0	-0.4	393.0	22.61	393.0	24.22	393.0	26.66	391.8	28.70	390.4	30.73	388.7	32.83	385.1	33.83	380.3	35.18
	5.0	4.5	416.8	24.85	416.8	26.49	416.8	28.92	415.4	30.96	414.2	32.97	412.3	35.07	408.5	36.10	403.4	37.45
	10.0	9.0	440.6	27.12	440.6	28.75	440.6	31.19	439.1	33.20	437.7	35.24	435.8	37.33	431.8	38.34	426.4	39.71
	15.0	14.0	463.8	29.33	463.8	30.96	463.8	33.40	462.4	35.41	461.0	37.45	459.0	39.54	454.5	40.55	448.8	41.92
	20.0	19.0	487.9	31.62	487.9	33.26	487.9	35.69	486.5	37.71	485.0	39.74	482.8	40.46	478.3	39.62	472.3	38.48
	25.0	23.0	511.7	33.89	511.7	35.50	511.7	37.94	510.3	39.11	508.6	40.29	506.3	38.56	501.8	37.71	495.3	36.59
	30.0	28.0	535.5	36.13	535.5	37.76	535.5	40.20	533.8	39.23	532.1	38.28	529.8	36.64	524.7	35.81	517.9	34.72
	35.0	32.0	559.3	40.37	559.3	40.03	559.3	39.49	557.6	37.88	555.9	36.27	547.9	34.73	530.7	33.92	508.0	32.83
	40.0	36.0	583.1	40.58	583.1	39.08	583.1	36.82	581.4	35.53	579.4	34.24	558.2	32.83	527.0	32.02	485.3	30.96
	45.0	41.0	605.8	36.07	605.8	35.32	605.8	34.18	600.9	33.20	595.8	32.22	559.6	30.90	526.4	30.13	482.3	29.07
	47.0	43.0	610.3	35.12	610.3	34.38	610.3	33.28	603.0	32.31	**595.8**	**31.37**	559.6	30.08	526.4	29.32	482.3	28.30
	50.0	46.0	612.9	33.83	612.9	33.11	612.9	32.05	604.3	31.13	595.8	30.21	559.6	28.98	526.4	28.24	482.3	27.26
	55.0	51.0	612.9	31.74	612.9	31.08	612.9	30.07	604.3	29.21	595.8	28.35	559.6	27.20	526.4	26.51	482.3	25.59
	60.0	56.0	612.9	29.53	612.9	28.90	612.9	27.98	604.3	27.17	595.8	26.37	559.6	25.28	526.4	24.65	482.3	23.79
120	-12.6	-13.0	330.4	19.34	330.4	20.97	330.4	23.41	329.5	24.22	328.4	25.02	327.0	28.18	323.9	28.87	319.9	29.76
	-7.0	-7.6	355.9	21.78	355.9	23.41	355.9	25.83	354.8	26.66	353.8	27.46	352.2	30.62	349.0	31.30	344.5	32.20
	-4.0	-4.4	371.2	23.24	371.2	24.85	371.2	27.29	370.1	28.12	368.9	28.92	367.4	32.08	363.8	32.77	359.3	33.66
	0.0	-0.4	390.1	25.05	390.1	26.66	390.1	29.10	389.0	29.91	387.6	30.73	385.9	33.89	382.5	34.55	377.7	35.47
	5.0	4.5	413.7	27.29	413.7	28.92	413.7	31.36	412.5	32.17	411.1	32.97	409.4	36.13	405.5	36.82	400.4	37.71
	10.0	9.0	437.4	29.56	437.4	31.19	437.4	33.61	436.0	34.43	434.6	35.24	432.7	38.39	428.7	39.08	423.3	39.97
	15.0	14.0	460.4	31.77	460.4	33.40	460.4	35.82	459.0	36.64	457.6	37.45	455.6	40.60	451.4	41.29	445.7	42.18
	20.0	19.0	484.5	34.06	484.5	35.69	484.5	38.13	483.1	39.49	481.6	40.86	479.4	39.66	474.9	39.14	468.9	38.43
	25.0	23.0	508.3	36.33	508.3	37.94	508.3	40.38	506.6	39.66	504.9	38.94	501.8	37.87	495.3	37.36	486.5	36.67
	30.0	28.0	531.8	40.66	531.8	40.20	531.8	39.49	530.1	38.25	528.4	36.99	518.5	36.07	497.0	35.56	468.4	34.90
	35.0	32.0	555.3	40.72	555.3	39.28	555.3	37.13	552.5	36.10	549.4	35.04	525.3	34.26	494.4	33.78	453.3	33.14
	40.0	36.0	578.9	37.27	578.9	36.27	578.9	34.75	568.7	33.94	558.5	33.11	526.2	32.48	494.1	32.00	451.4	31.36
	45.0	41.0	601.5	33.92	601.5	33.31	601.5	32.40	580.0	31.79	558.5	31.16	526.2	30.65	494.1	30.19	451.4	29.58
	47.0	43.0	608.1	33.00	605.5	32.43	601.5	31.54	580.0	30.94	**558.5**	**30.33**	526.2	29.84	494.1	29.39	451.4	28.81
	50.0	46.0	612.3	31.80	608.0	31.22	601.5	30.39	580.0	29.81	558.5	29.21	526.2	28.75	494.1	28.32	451.4	27.74
	55.0	51.0	612.3	29.84	608.0	29.32	601.5	28.52	580.0	27.98	558.5	27.43	526.2	26.97	494.1	26.57	451.4	26.03
	60.0	56.0	612.3	27.75	608.0	27.26	601.5	26.52	580.0	26.00	558.5	25.51	526.2	25.08	494.1	24.71	451.4	24.22
110	-12.6	-13.0	328.7	22.32	328.7	23.41	328.7	25.02	327.6	26.45	326.7	27.86	325.3	29.41	322.2	30.96	318.2	33.03
	-7.0	-7.6	354.1	24.76	354.1	25.83	354.1	27.46	353.0	28.89	351.9	30.30	350.2	31.85	347.1	33.40	342.6	35.47
	-4.0	-4.4	369.2	26.22	369.2	27.29	369.2	28.92	368.1	30.33	366.9	31.77	365.3	33.31	361.9	34.86	357.3	36.93
	0.0	-0.4	388.1	28.01	388.1	29.10	388.1	30.73	386.8	32.14	385.6	33.57	383.9	35.10	380.3	36.67	375.7	38.74
	5.0	4.5	411.4	30.27	411.4	31.36	411.4	32.97	410.3	34.40	408.9	35.82	408.3	37.36	406.6	38.91	404.6	40.98
	10.0	9.0	434.9	32.54	434.9	33.61	434.9	35.24	433.5	36.65	432.3	38.08	432.3	39.62	432.3	41.18	432.3	43.24
	15.0	14.0	457.9	34.75	457.9	35.82	457.9	37.45	456.5	38.86	455.1	40.29	454.2	40.49	451.9	39.22	449.1	37.50
	20.0	19.0	481.9	37.04	481.9	38.13	481.9	39.74	480.5	39.75	478.9	39.77	467.8	38.54	446.9	37.33	419.1	35.75
	25.0	23.0	505.5	40.55	505.5	40.38	505.5	40.12	501.5	38.91	497.8	37.73	472.1	36.61	445.4	35.50	409.7	34.03
	30.0	28.0	529.0	40.20	529.0	39.17	529.0	37.65	515.1	36.68	501.5	35.70	472.1	34.67	445.4	33.66	409.7	32.31
	35.0	32.0	556.5	37.13	552.5	36.36	546.2	35.21	523.9	34.44	501.5	33.66	472.1	32.74	445.4	31.82	409.7	30.59
	40.0	36.0	591.4	34.07	575.8	33.54	552.5	32.74	527.0	32.20	501.5	31.65	472.1	30.82	445.4	29.98	409.7	28.86
	45.0	41.0	605.8	31.10	584.5	30.79	552.5	30.33	527.0	29.96	501.5	29.62	472.1	28.89	445.4	28.13	409.7	27.12
	47.0	43.0	605.8	30.27	584.5	29.96	552.5	29.53	527.0	29.18	**501.5**	**28.84**	472.1	28.12	445.4	27.38	409.7	26.40
	50.0	46.0	605.8	29.15	584.5	28.87	552.5	28.44	527.0	28.10	501.5	27.77	472.1	27.09	445.4	26.37	409.7	25.43
	55.0	51.0	605.8	27.37	584.5	27.09	552.5	26.69	527.0	26.37	501.5	26.06	472.1	25.42	445.4	24.76	409.7	23.87
	60.0	56.0	605.8	25.45	584.5	25.19	552.5	24.82	527.0	24.53	501.5	24.25	472.1	23.64	445.4	23.02	409.7	22.21

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.
Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.
Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Heating Capacity ARUN408BTE4, ARUN408DTE4 / ARUB408BTE4, ARUB408DTE4

408,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
100	-12.6	-13.0	327.3	23.94	327.3	25.02	327.3	26.66	326.4	27.78	325.3	28.92	323.9	31.14	320.8	32.43	316.8	34.15
	-7.0	-7.6	352.5	26.37	352.5	27.46	352.5	29.09	351.6	30.22	350.5	31.36	348.8	33.58	345.7	34.87	341.4	36.58
	-4.0	-4.4	367.8	27.84	367.8	28.92	367.8	30.56	366.6	31.68	365.5	32.83	363.8	35.04	360.4	36.33	355.9	38.05
	0.0	-0.4	385.9	29.64	385.3	30.73	383.9	32.34	383.4	33.49	383.0	34.63	381.3	36.85	377.7	38.13	372.9	39.85
	5.0	4.5	408.6	31.91	408.6	32.97	408.6	34.61	407.4	35.75	406.3	36.87	404.6	39.11	400.7	40.38	395.8	42.10
	10.0	9.0	433.8	34.15	432.7	35.24	431.0	36.87	430.7	37.99	430.4	39.14	423.9	40.44	409.7	39.77	390.7	38.89
	15.0	14.0	455.4	36.36	455.4	37.45	455.4	39.08	454.4	39.23	453.3	39.40	432.1	38.71	406.8	37.54	373.1	35.98
	20.0	19.0	489.9	39.14	488.2	39.74	485.4	40.64	472.3	38.99	459.0	37.33	432.1	36.48	406.8	35.36	373.1	33.89
	25.0	23.0	521.3	41.78	513.9	40.06	502.7	37.51	480.8	36.39	459.0	35.29	432.1	34.29	406.8	33.23	373.1	31.82
	30.0	28.0	546.0	38.91	529.5	37.48	504.6	35.35	481.7	34.29	459.0	33.23	432.1	32.11	406.8	31.11	373.1	29.76
	35.0	32.0	555.1	36.07	534.9	34.92	504.6	33.17	481.7	32.19	459.0	31.19	432.1	29.93	406.8	28.98	373.1	27.72
	40.0	36.0	555.1	33.23	534.9	32.34	504.6	31.02	481.7	30.08	459.0	29.16	432.1	27.72	406.8	26.83	373.1	25.66
	45.0	41.0	555.1	30.42	534.9	29.81	504.6	28.87	481.7	28.01	459.0	27.14	432.1	25.57	406.8	24.76	373.1	23.65
	47.0	43.0	555.1	29.62	534.9	29.01	504.6	28.10	481.7	27.26	**459.0**	**26.43**	432.1	24.91	406.8	24.10	373.1	23.02
	50.0	46.0	555.1	28.52	534.9	27.95	504.6	27.06	481.7	26.26	459.0	25.45	432.1	23.99	406.8	23.21	373.1	22.18
	55.0	51.0	555.1	26.77	534.9	26.23	504.6	25.40	481.7	24.65	459.0	23.88	432.1	22.50	406.8	21.78	373.1	20.81
	60.0	56.0	555.1	24.91	534.9	24.39	504.6	23.62	481.7	22.92	459.0	22.21	432.1	20.92	406.8	20.26	373.1	19.34
90	-12.6	-13.0	326.1	23.70	326.1	24.51	326.1	25.74	325.0	27.06	323.9	28.41	322.5	30.90	319.6	32.94	315.6	35.64
	-7.0	-7.6	351.1	26.14	351.1	26.95	351.1	28.18	350.0	29.50	349.0	30.85	347.4	33.34	344.2	35.36	340.0	38.08
	-4.0	-4.4	366.3	27.60	366.3	28.41	366.3	29.64	365.2	30.96	364.0	32.31	362.4	34.80	359.0	36.82	354.5	39.54
	0.0	-0.4	385.9	29.41	385.3	30.22	383.9	31.43	383.3	32.77	382.5	34.12	379.1	36.61	371.8	38.63	362.1	41.35
	5.0	4.5	408.6	31.65	408.6	32.48	408.6	33.69	407.1	35.03	405.7	36.36	391.6	37.88	372.9	37.79	348.2	37.68
	10.0	9.0	433.8	33.92	432.7	34.72	431.0	35.95	425.3	37.28	419.6	38.62	395.6	37.13	371.5	35.47	339.4	33.26
	15.0	14.0	455.4	36.13	455.4	36.93	455.4	38.16	438.0	37.70	420.4	37.25	395.6	35.23	371.5	33.63	339.4	31.51
	20.0	19.0	501.8	39.48	485.4	38.68	460.9	37.50	440.6	36.32	420.4	35.13	395.6	33.23	371.5	31.73	339.4	29.70
	25.0	23.0	509.1	37.13	489.9	36.39	460.9	35.27	440.6	34.17	420.4	33.06	395.6	31.30	371.5	29.85	339.4	27.92
	30.0	28.0	509.1	34.80	489.9	34.09	460.9	33.03	440.6	32.02	420.4	30.99	395.6	29.35	371.5	27.98	339.4	26.17
	35.0	32.0	509.1	32.45	489.9	31.79	460.9	30.82	440.6	29.87	420.4	28.92	395.6	27.40	371.5	26.11	339.4	24.39
	40.0	36.0	509.1	30.10	489.9	29.50	460.9	28.58	440.6	27.72	420.4	26.86	395.6	25.45	371.5	24.25	339.4	22.61
	45.0	41.0	509.1	27.80	489.9	27.23	460.9	26.40	440.6	25.60	420.4	24.82	395.6	23.53	371.5	22.41	339.4	20.87
	47.0	43.0	509.1	27.06	489.9	26.51	460.9	25.71	440.6	24.93	**420.4**	**24.16**	395.6	22.92	371.5	21.81	339.4	20.32
	50.0	46.0	509.1	26.06	489.9	25.54	460.9	24.76	440.6	24.01	420.4	23.27	395.6	22.07	371.5	21.00	339.4	19.57
	55.0	51.0	509.1	24.45	489.9	23.96	460.9	23.24	440.6	22.53	420.4	21.84	395.6	20.72	371.5	19.71	339.4	18.37
	60.0	56.0	509.1	22.75	489.9	22.29	460.9	21.61	440.6	20.95	420.4	20.31	395.6	19.26	371.5	18.33	339.4	17.08
80	-12.6	-13.0	324.7	20.61	324.7	21.32	324.7	22.38	323.6	23.96	322.7	25.54	321.3	28.92	318.2	30.96	314.2	33.66
	-7.0	-7.6	349.7	23.05	349.7	23.76	349.7	24.82	348.5	26.40	347.6	27.98	343.7	31.22	335.5	32.94	324.4	35.24
	-4.0	-4.4	364.7	24.51	364.7	25.22	364.7	26.28	363.5	27.86	362.4	29.44	352.2	32.60	332.4	34.14	306.0	36.19
	0.0	-0.4	382.5	26.31	382.5	27.03	382.5	28.07	378.5	29.67	374.3	31.25	353.0	33.78	332.1	34.01	304.0	34.32
	5.0	4.5	403.4	28.58	403.4	29.27	403.4	30.33	389.9	31.91	376.5	33.49	353.0	33.06	332.1	32.05	304.0	30.71
	10.0	9.0	431.5	30.82	424.2	31.53	413.4	32.59	394.9	33.09	376.5	33.58	353.0	31.42	332.1	30.44	304.0	29.13
	15.0	14.0	455.3	33.34	438.6	33.74	413.4	34.35	394.9	33.08	376.5	31.82	353.0	29.81	332.1	28.86	304.0	27.60
	20.0	19.0	455.3	33.81	438.6	33.23	413.4	32.34	394.9	31.14	376.5	29.96	353.0	28.12	332.1	27.20	304.0	25.99
	25.0	23.0	455.3	31.77	438.6	31.22	413.4	30.36	394.9	29.27	376.5	28.15	353.0	26.48	332.1	25.59	304.0	24.42
	30.0	28.0	455.3	29.73	438.6	29.21	413.4	28.38	394.9	27.37	376.5	26.34	353.0	24.82	332.1	23.96	304.0	22.84
	35.0	32.0	455.3	27.69	438.6	27.18	413.4	26.43	394.9	25.48	376.5	24.54	353.0	23.18	332.1	22.35	304.0	21.26
	40.0	36.0	455.3	25.65	438.6	25.17	413.4	24.45	394.9	23.59	376.5	22.73	353.0	21.52	332.1	20.74	304.0	19.68
	45.0	41.0	455.3	23.65	438.6	23.19	413.4	22.53	394.9	21.75	376.5	20.95	353.0	19.91	332.1	19.14	304.0	18.13
	47.0	43.0	455.3	23.02	438.6	22.58	413.4	21.92	394.9	21.15	**376.5**	**20.40**	353.0	19.37	332.1	18.63	304.0	17.65
	50.0	46.0	455.3	22.18	438.6	21.75	413.4	21.12	394.9	20.38	376.5	19.65	353.0	18.66	332.1	17.94	304.0	16.99
	55.0	51.0	455.3	20.81	438.6	20.41	413.4	19.83	394.9	19.14	376.5	18.43	353.0	17.51	332.1	16.84	304.0	15.95
	60.0	56.0	455.3	19.34	438.6	18.99	413.4	18.43	394.9	17.79	376.5	17.14	353.0	16.30	332.1	15.67	304.0	14.84

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.
Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.
Nominal heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

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PERFORMANCE DATA

ARUN408BTE4, ARUN408DTE4 / ARUB408BTE4, ARUB408DTE4 Heating Capacity

408,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
70	-12.6	-13.0	324.7	19.68	324.7	20.77	324.7	22.38	321.9	24.13	319.0	25.85	301.5	29.27	284.2	31.33	261.2	34.06
	-7.0	-7.6	332.4	22.12	332.4	23.19	332.4	24.82	325.8	26.72	319.0	28.61	301.5	31.39	284.2	32.63	261.2	34.27
	-4.0	-4.4	337.2	23.58	337.2	24.65	337.2	26.28	328.1	28.27	319.0	30.27	301.5	32.66	284.2	33.40	261.2	34.40
	0.0	-0.4	342.9	25.37	342.9	26.46	342.9	28.09	331.0	30.19	319.0	32.31	301.5	32.43	284.2	31.88	261.2	31.16
	5.0	4.5	368.4	27.63	360.7	28.72	348.8	30.33	334.0	31.28	319.0	32.20	301.5	30.70	284.2	30.13	261.2	29.36
	10.0	9.0	385.9	29.90	372.0	30.97	351.1	32.60	335.2	31.51	319.0	30.42	301.5	28.98	284.2	28.35	261.2	27.55
	15.0	14.0	385.9	33.66	372.0	32.71	351.1	31.30	335.2	29.96	319.0	28.64	301.5	27.29	284.2	26.63	261.2	25.77
	20.0	19.0	385.9	31.45	372.0	30.59	351.1	29.27	335.2	28.04	319.0	26.83	301.5	25.51	284.2	24.85	261.2	23.93
	25.0	23.0	385.9	29.30	372.0	28.49	351.1	27.29	335.2	26.14	319.0	25.02	301.5	23.79	284.2	23.07	261.2	22.10
	30.0	28.0	385.9	27.15	372.0	26.40	351.1	25.28	335.2	24.25	319.0	23.24	301.5	22.07	284.2	21.32	261.2	20.29
	35.0	32.0	385.9	24.99	372.0	24.31	351.1	23.30	335.2	22.38	319.0	21.44	301.5	20.35	284.2	19.54	261.2	18.48
	40.0	36.0	385.9	22.84	372.0	22.24	351.1	21.32	335.2	20.49	319.0	19.63	301.5	18.62	284.2	17.79	261.2	16.67
	45.0	41.0	385.9	20.75	372.0	20.20	351.1	19.40	335.2	18.65	319.0	17.90	301.5	16.96	284.2	16.07	261.2	14.92
	47.0	43.0	385.9	20.20	372.0	19.66	351.1	18.88	335.2	18.14	**319.0**	**17.42**	301.5	16.50	284.2	15.66	261.2	14.52
	50.0	46.0	385.9	19.45	372.0	18.94	351.1	18.19	335.2	17.48	319.0	16.78	301.5	15.90	284.2	15.07	261.2	14.00
	55.0	51.0	385.9	18.25	372.0	17.77	351.1	17.07	335.2	16.41	319.0	15.75	301.5	14.92	284.2	14.15	261.2	13.14
	60.0	56.0	385.9	16.98	372.0	16.53	351.1	15.87	335.2	15.26	319.0	14.64	301.5	13.86	284.2	13.17	261.2	12.22
60	-12.6	-13.0	285.0	20.00	285.0	21.01	285.0	22.56	279.4	24.59	273.7	26.60	257.8	30.13	243.6	32.23	224.7	35.06
	-7.0	-7.6	307.7	22.42	305.4	23.45	302.0	24.99	287.9	27.06	273.7	29.13	257.8	30.59	243.6	31.94	224.7	33.74
	-4.0	-4.4	328.1	23.88	317.6	24.91	302.0	26.46	287.9	28.52	273.7	30.59	257.8	31.05	243.6	30.25	224.7	29.19
	0.0	-0.4	330.4	25.68	319.0	26.72	302.0	28.26	287.9	29.59	273.7	30.93	257.8	29.84	243.6	28.81	224.7	27.46
	5.0	4.5	330.4	27.95	319.0	28.98	302.0	30.51	287.9	29.85	273.7	29.19	257.8	28.10	243.6	27.11	224.7	25.77
	10.0	9.0	330.4	31.71	319.0	31.22	302.0	30.53	287.9	28.99	273.7	27.46	257.8	26.37	243.6	25.40	224.7	24.08
	15.0	14.0	330.4	30.79	319.0	29.90	302.0	28.58	287.9	27.18	273.7	25.77	257.8	24.68	243.6	23.73	224.7	22.44
	20.0	19.0	330.4	28.73	319.0	27.87	302.0	26.57	287.9	25.28	273.7	23.99	257.8	22.93	243.6	21.98	224.7	20.72
	25.0	23.0	330.4	26.71	319.0	25.86	302.0	24.60	287.9	23.44	273.7	22.27	257.8	21.20	243.6	20.26	224.7	19.02
	30.0	28.0	330.4	24.68	319.0	23.87	302.0	22.64	287.9	21.58	273.7	20.52	257.8	19.48	243.6	18.56	224.7	17.33
	35.0	32.0	330.4	22.67	319.0	21.86	302.0	20.66	287.9	19.72	273.7	18.79	257.8	17.74	243.6	16.84	224.7	15.64
	40.0	36.0	330.4	20.63	319.0	19.86	302.0	18.68	287.9	17.88	273.7	17.05	257.8	16.01	243.6	15.13	224.7	13.95
	45.0	41.0	330.4	18.68	319.0	17.91	302.0	16.79	287.9	16.07	273.7	15.38	257.8	14.35	243.6	13.49	224.7	12.34
	47.0	43.0	330.4	18.19	319.0	17.45	302.0	16.33	287.9	15.66	**273.7**	**14.98**	257.8	13.97	243.6	13.14	224.7	12.02
	50.0	46.0	330.4	17.51	319.0	16.79	302.0	15.73	287.9	15.07	273.7	14.41	257.8	13.46	243.6	12.65	224.7	11.57
	55.0	51.0	330.4	16.44	319.0	15.78	302.0	14.78	287.9	14.15	273.7	13.54	257.8	12.63	243.6	11.88	224.7	10.85
	60.0	56.0	330.4	15.29	319.0	14.66	302.0	13.74	287.9	13.17	273.7	12.59	257.8	11.74	243.6	11.04	224.7	10.10
50	-12.6	-13.0	276.3	18.05	266.3	19.68	251.1	22.10	239.7	24.19	228.4	26.25	215.0	27.69	202.3	29.04	185.6	30.85
	-7.0	-7.6	276.3	20.49	266.3	22.10	251.1	24.54	239.7	25.80	228.4	27.06	215.0	28.04	202.3	26.68	185.6	24.85
	-4.0	-4.4	276.3	21.95	266.3	23.56	251.1	26.00	239.7	27.26	228.4	28.52	215.0	27.03	202.3	25.71	185.6	23.93
	0.0	-0.4	276.3	23.76	266.3	25.37	251.1	27.81	239.7	27.63	228.4	27.46	215.0	25.77	202.3	24.50	185.6	22.79
	5.0	4.5	276.3	27.64	266.3	27.63	251.1	27.60	239.7	26.69	228.4	25.77	215.0	24.19	202.3	22.99	185.6	21.38
	10.0	9.0	276.3	28.90	266.3	27.67	251.1	25.83	239.7	24.96	228.4	24.10	215.0	22.62	202.3	21.49	185.6	19.97
	15.0	14.0	276.3	26.95	266.3	25.80	251.1	24.10	239.7	23.27	228.4	22.44	215.0	21.09	202.3	20.00	185.6	18.59
	20.0	19.0	276.3	24.93	266.3	23.87	251.1	22.30	239.7	21.52	228.4	20.72	215.0	19.48	202.3	18.48	185.6	17.13
	25.0	23.0	276.3	22.93	266.3	21.98	251.1	20.54	239.7	19.80	228.4	19.05	215.0	17.91	202.3	16.96	185.6	15.72
	30.0	28.0	276.3	20.95	266.3	20.08	251.1	18.77	239.7	18.07	228.4	17.36	215.0	16.33	202.3	15.47	185.6	14.32
	35.0	32.0	276.3	18.97	266.3	18.17	251.1	16.99	239.7	16.33	228.4	15.67	215.0	14.77	202.3	13.97	185.6	12.89
	40.0	36.0	276.3	16.98	266.3	16.27	251.1	15.24	239.7	14.61	228.4	14.00	215.0	13.20	202.3	12.46	185.6	11.48
	45.0	41.0	276.3	15.07	266.3	14.46	251.1	13.54	239.7	12.97	228.4	12.39	215.0	11.68	202.3	11.02	185.6	10.13
	47.0	43.0	276.3	14.67	266.3	14.06	251.1	13.17	239.7	12.62	**228.4**	**12.05**	215.0	11.39	202.3	10.73	185.6	9.85
	50.0	46.0	276.3	14.12	266.3	13.55	251.1	12.69	239.7	12.14	228.4	11.62	215.0	10.96	202.3	10.33	185.6	9.50
	55.0	51.0	276.3	13.26	266.3	12.71	251.1	11.91	239.7	11.40	228.4	10.90	215.0	10.28	202.3	9.70	185.6	8.90
	60.0	56.0	276.3	12.34	266.3	11.82	251.1	11.08	239.7	10.61	228.4	10.13	215.0	9.56	202.3	9.01	185.6	8.29

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.
Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.
Nominal heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Heating Capacity ARUN432BTE4, ARUN432DTE4 / ARUB432BTE4, ARUB432DTE4

432,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
130	-12.6	-13.0	352.5	17.67	352.5	19.38	352.5	21.93	351.3	24.03	350.1	26.16	348.6	28.35	345.6	29.43	341.1	30.84
	-7.0	-7.6	379.5	20.22	379.5	21.93	379.5	24.48	378.3	26.58	377.1	28.71	375.6	30.90	372.0	31.95	367.5	33.39
	-4.0	-4.4	396.0	21.75	396.0	23.46	396.0	25.98	394.8	28.11	393.3	30.24	391.8	32.43	388.2	33.48	383.1	34.92
	0.0	-0.4	416.1	23.64	416.1	25.32	416.1	27.87	414.9	30.00	413.4	32.13	411.6	34.32	407.7	35.37	402.6	36.78
	5.0	4.5	441.3	25.98	441.3	27.69	441.3	30.24	439.8	32.37	438.6	34.47	436.5	36.66	432.6	37.74	427.2	39.15
	10.0	9.0	466.5	28.35	466.5	30.06	466.5	32.61	465.0	34.71	463.5	36.84	461.4	39.03	457.2	40.08	451.5	41.52
	15.0	14.0	491.1	30.66	491.1	32.37	491.1	34.92	489.6	37.02	488.1	39.15	486.0	41.34	481.2	42.39	475.2	43.83
	20.0	19.0	516.6	33.06	516.6	34.77	516.6	37.32	515.1	39.42	513.6	41.55	511.2	42.30	506.4	41.43	500.1	40.23
	25.0	23.0	541.8	35.43	541.8	37.11	541.8	39.66	540.3	40.89	538.5	42.12	536.1	40.32	531.3	39.42	524.4	38.25
	30.0	28.0	567.0	37.77	567.0	39.48	567.0	42.03	565.2	41.01	563.4	40.02	561.0	38.31	555.6	37.44	548.4	36.30
	35.0	32.0	592.2	42.21	592.2	41.85	592.2	41.28	590.4	39.60	588.6	37.92	580.2	36.30	561.9	35.46	537.9	34.32
	40.0	36.0	617.4	42.42	617.4	40.86	617.4	38.49	615.6	37.14	613.5	35.79	591.0	34.32	558.0	33.48	513.9	32.37
	45.0	41.0	641.4	37.71	641.4	36.93	641.4	35.73	636.3	34.71	630.9	33.69	592.5	32.31	557.4	31.50	510.6	30.39
	47.0	43.0	646.2	36.72	646.2	35.94	646.2	34.80	638.4	33.78	**630.9**	**32.79**	592.5	31.44	557.4	30.66	510.6	29.58
	50.0	46.0	648.9	35.37	648.9	34.62	648.9	33.51	639.9	32.55	630.9	31.59	592.5	30.30	557.4	29.52	510.6	28.50
	55.0	51.0	648.9	33.18	648.9	32.49	648.9	31.44	639.9	30.54	630.9	29.64	592.5	28.44	557.4	27.72	510.6	26.76
	60.0	56.0	648.9	30.87	648.9	30.21	648.9	29.25	639.9	28.41	630.9	27.57	592.5	26.43	557.4	25.77	510.6	24.87
120	-12.6	-13.0	349.8	20.22	349.8	21.93	349.8	24.48	348.9	25.32	347.7	26.16	346.2	29.46	342.9	30.18	338.7	31.11
	-7.0	-7.6	376.8	22.77	376.8	24.48	376.8	27.00	375.6	27.87	374.7	28.71	372.9	32.01	369.6	32.73	364.8	33.66
	-4.0	-4.4	393.0	24.30	393.0	25.98	393.0	28.53	391.8	29.40	390.6	30.24	389.1	33.54	385.2	34.26	380.4	35.19
	0.0	-0.4	413.1	26.19	413.1	27.87	413.1	30.42	411.9	31.26	410.4	32.13	408.6	35.43	405.0	36.12	399.9	37.08
	5.0	4.5	438.0	28.53	438.0	30.24	438.0	32.79	436.8	33.63	435.3	34.47	433.5	37.77	429.3	38.49	423.9	39.42
	10.0	9.0	463.2	30.90	463.2	32.61	463.2	35.13	461.7	36.00	460.2	36.84	458.1	40.14	453.9	40.86	448.2	41.79
	15.0	14.0	487.5	33.21	487.5	34.92	487.5	37.44	486.0	38.31	484.5	39.15	482.4	42.45	477.9	43.17	471.9	44.10
	20.0	19.0	513.0	35.61	513.0	37.32	513.0	39.87	511.5	41.28	510.0	42.72	507.6	41.46	502.8	40.92	496.5	40.17
	25.0	23.0	538.2	37.98	538.2	39.66	538.2	42.21	536.4	41.46	534.6	40.71	531.3	39.60	524.4	39.06	515.1	38.34
	30.0	28.0	563.1	42.51	563.1	42.03	563.1	41.28	561.3	39.99	559.5	38.67	549.0	37.71	526.2	37.17	495.9	36.48
	35.0	32.0	588.0	42.57	588.0	41.07	588.0	38.82	585.0	37.74	581.7	36.63	556.2	35.82	523.5	35.31	480.0	34.65
	40.0	36.0	612.9	38.97	612.9	37.92	612.9	36.33	602.1	35.49	591.3	34.62	557.1	33.96	523.2	33.45	477.9	32.79
	45.0	41.0	636.9	35.46	636.9	34.83	636.9	33.87	614.1	33.24	591.3	32.58	557.1	32.04	523.2	31.56	477.9	30.93
	47.0	43.0	643.8	34.50	641.1	33.90	636.9	32.97	614.1	32.34	**591.3**	**31.71**	557.1	31.20	523.2	30.72	477.9	30.12
	50.0	46.0	648.3	33.24	643.8	32.64	636.9	31.77	614.1	31.17	591.3	30.54	557.1	30.06	523.2	29.61	477.9	29.01
	55.0	51.0	648.3	31.20	643.8	30.66	636.9	29.82	614.1	29.25	591.3	28.68	557.1	28.20	523.2	27.78	477.9	27.21
	60.0	56.0	648.3	29.01	643.8	28.50	636.9	27.72	614.1	27.18	591.3	26.67	557.1	26.22	523.2	25.83	477.9	25.32
110	-12.6	-13.0	348.0	23.34	348.0	24.48	348.0	26.16	346.8	27.66	345.9	29.13	344.4	30.75	341.1	32.37	336.9	34.53
	-7.0	-7.6	375.0	25.89	375.0	27.00	375.0	28.71	373.8	30.21	372.6	31.68	370.8	33.30	367.5	34.92	362.7	37.08
	-4.0	-4.4	390.9	27.42	390.9	28.53	390.9	30.24	389.7	31.71	388.5	33.21	386.7	34.83	383.1	36.45	378.3	38.61
	0.0	-0.4	411.0	29.28	411.0	30.42	411.0	32.13	409.5	33.60	408.3	35.10	406.5	36.69	402.6	38.34	397.8	40.50
	5.0	4.5	435.6	31.65	435.6	32.79	435.6	34.47	434.4	35.97	432.9	37.44	432.3	39.06	430.5	40.68	428.4	42.84
	10.0	9.0	460.5	34.02	460.5	35.13	460.5	36.84	459.0	38.31	457.8	39.81	457.8	41.43	457.8	43.05	457.8	45.21
	15.0	14.0	484.8	36.33	484.8	37.44	484.8	39.15	483.3	40.62	481.8	42.12	480.9	42.33	478.5	41.01	475.5	39.21
	20.0	19.0	510.3	38.73	510.3	39.87	510.3	41.55	508.8	41.55	507.0	41.58	495.3	40.29	473.1	39.03	443.7	37.38
	25.0	23.0	535.2	42.39	535.2	42.21	535.2	41.94	531.0	40.68	527.1	39.45	499.8	38.28	471.6	37.11	433.8	35.58
	30.0	28.0	560.1	42.03	560.1	40.95	560.1	39.36	545.4	38.34	531.0	37.32	499.8	36.24	471.6	35.19	433.8	33.78
	35.0	32.0	589.2	38.82	585.0	38.01	578.4	36.81	554.7	36.00	531.0	35.19	499.8	34.23	471.6	33.27	433.8	31.98
	40.0	36.0	626.1	35.61	609.6	35.07	585.0	34.23	558.0	33.66	531.0	33.09	499.8	32.22	471.6	31.35	433.8	30.18
	45.0	41.0	641.4	32.52	618.9	32.19	585.0	31.71	558.0	31.32	531.0	30.96	499.8	30.21	471.6	29.40	433.8	28.35
	47.0	43.0	641.4	31.65	618.9	31.32	585.0	30.87	558.0	30.51	**531.0**	**30.15**	499.8	29.40	471.6	28.62	433.8	27.60
	50.0	46.0	641.4	30.48	618.9	30.18	585.0	29.73	558.0	29.37	531.0	29.04	499.8	28.32	471.6	27.57	433.8	26.58
	55.0	51.0	641.4	28.62	618.9	28.32	585.0	27.90	558.0	27.57	531.0	27.24	499.8	26.58	471.6	25.89	433.8	24.96
	60.0	56.0	641.4	26.61	618.9	26.34	585.0	25.95	558.0	25.65	531.0	25.35	499.8	24.72	471.6	24.06	433.8	23.22

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.
Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.
Nominal heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

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PERFORMANCE DATA

ARUN432BTE4, ARUN432DTE4 / ARUB432BTE4, ARUB432DTE4 Heating Capacity

432,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
100	-12.6	-13.0	346.5	25.02	346.5	26.16	346.5	27.87	345.6	29.04	344.4	30.24	342.9	32.55	339.6	33.90	335.4	35.70
	-7.0	-7.6	373.2	27.57	373.2	28.71	373.2	30.42	372.3	31.59	371.1	32.79	369.3	35.10	366.0	36.45	361.5	38.25
	-4.0	-4.4	389.4	29.10	389.4	30.24	389.4	31.95	388.2	33.12	387.0	34.32	385.2	36.63	381.6	37.98	376.8	39.78
	0.0	-0.4	408.6	30.99	408.0	32.13	406.5	33.81	405.9	35.01	405.6	36.21	403.8	38.52	399.9	39.87	394.8	41.67
	5.0	4.5	432.6	33.36	432.6	34.47	432.6	36.18	431.4	37.38	430.2	38.55	428.4	40.89	424.2	42.21	419.1	44.01
	10.0	9.0	459.3	35.70	458.1	36.84	456.3	38.55	456.0	39.72	455.7	40.92	448.8	42.27	433.8	41.58	413.7	40.65
	15.0	14.0	482.1	38.01	482.1	39.15	482.1	40.86	481.2	41.01	480.0	41.19	457.5	40.47	430.8	39.24	395.1	37.62
	20.0	19.0	518.7	40.92	516.9	41.55	513.9	42.48	500.1	40.77	486.0	39.03	457.5	38.13	430.8	36.96	395.1	35.43
	25.0	23.0	552.0	43.68	544.2	41.88	532.2	39.21	509.1	38.04	486.0	36.90	457.5	35.85	430.8	34.74	395.1	33.27
	30.0	28.0	578.1	40.68	560.7	39.18	534.3	36.96	510.0	35.85	486.0	34.74	457.5	33.57	430.8	32.52	395.1	31.11
	35.0	32.0	587.7	37.71	566.4	36.51	534.3	34.68	510.0	33.66	486.0	32.61	457.5	31.29	430.8	30.30	395.1	28.98
	40.0	36.0	587.7	34.74	566.4	33.81	534.3	32.43	510.0	31.44	486.0	30.48	457.5	28.98	430.8	28.05	395.1	26.82
	45.0	41.0	587.7	31.80	566.4	31.17	534.3	30.18	510.0	29.28	486.0	28.38	457.5	26.73	430.8	25.89	395.1	24.72
	47.0	43.0	587.7	30.96	566.4	30.33	534.3	29.37	510.0	28.50	**486.0**	**27.63**	457.5	26.04	430.8	25.20	395.1	24.06
	50.0	46.0	587.7	29.82	566.4	29.22	534.3	28.29	510.0	27.45	486.0	26.61	457.5	25.08	430.8	24.27	395.1	23.19
	55.0	51.0	587.7	27.99	566.4	27.42	534.3	26.55	510.0	25.77	486.0	24.96	457.5	23.52	430.8	22.77	395.1	21.75
	60.0	56.0	587.7	26.04	566.4	25.50	534.3	24.69	510.0	23.97	486.0	23.22	457.5	21.87	430.8	21.18	395.1	20.22
90	-12.6	-13.0	345.3	24.78	345.3	25.62	345.3	26.91	344.1	28.29	342.9	29.70	341.4	32.31	338.4	34.44	334.2	37.26
	-7.0	-7.6	371.7	27.33	371.7	28.17	371.7	29.46	370.5	30.84	369.6	32.25	367.8	34.86	364.5	36.96	360.0	39.81
	-4.0	-4.4	387.9	28.86	387.9	29.70	387.9	30.99	386.7	32.37	385.5	33.78	383.7	36.39	380.1	38.49	375.3	41.34
	0.0	-0.4	408.6	30.75	408.0	31.59	406.5	32.85	405.9	34.26	405.0	35.67	401.4	38.28	393.6	40.38	383.4	43.23
	5.0	4.5	432.6	33.09	432.6	33.96	432.6	35.22	431.1	36.63	429.6	38.01	414.6	39.60	394.8	39.51	368.7	39.39
	10.0	9.0	459.3	35.46	458.1	36.30	456.3	37.59	450.3	38.97	444.3	40.38	418.8	38.82	393.3	37.08	359.4	34.77
	15.0	14.0	482.1	37.77	482.1	38.61	482.1	39.90	463.8	39.42	445.2	38.94	418.8	36.84	393.3	35.16	359.4	32.94
	20.0	19.0	531.3	41.28	513.9	40.44	488.1	39.21	466.5	37.98	445.2	36.72	418.8	34.74	393.3	33.18	359.4	31.05
	25.0	23.0	539.1	38.82	518.7	38.04	488.1	36.87	466.5	35.73	445.2	34.56	418.8	32.73	393.3	31.20	359.4	29.19
	30.0	28.0	539.1	36.39	518.7	35.64	488.1	34.53	466.5	33.48	445.2	32.40	418.8	30.69	393.3	29.25	359.4	27.36
	35.0	32.0	539.1	33.93	518.7	33.24	488.1	32.22	466.5	31.23	445.2	30.24	418.8	28.65	393.3	27.30	359.4	25.50
	40.0	36.0	539.1	31.47	518.7	30.84	488.1	29.88	466.5	28.98	445.2	28.08	418.8	26.61	393.3	25.35	359.4	23.64
	45.0	41.0	539.1	29.07	518.7	28.47	488.1	27.60	466.5	26.76	445.2	25.95	418.8	24.60	393.3	23.43	359.4	21.81
	47.0	43.0	539.1	28.29	518.7	27.72	488.1	26.88	466.5	26.07	**445.2**	**25.26**	418.8	23.97	393.3	22.80	359.4	21.24
	50.0	46.0	539.1	27.24	518.7	26.70	488.1	25.89	466.5	25.11	445.2	24.33	418.8	23.07	393.3	21.96	359.4	20.46
	55.0	51.0	539.1	25.56	518.7	25.05	488.1	24.30	466.5	23.55	445.2	22.83	418.8	21.66	393.3	20.61	359.4	19.20
	60.0	56.0	539.1	23.79	518.7	23.31	488.1	22.59	466.5	21.90	445.2	21.24	418.8	20.13	393.3	19.17	359.4	17.85
80	-12.6	-13.0	343.8	21.54	343.8	22.29	343.8	23.40	342.6	25.05	341.7	26.70	340.2	30.24	336.9	32.37	332.7	35.19
	-7.0	-7.6	370.2	24.09	370.2	24.84	370.2	25.95	369.0	27.60	368.1	29.25	363.9	32.64	355.2	34.44	343.5	36.84
	-4.0	-4.4	386.1	25.62	386.1	26.37	386.1	27.48	384.9	29.13	383.7	30.78	372.9	34.08	351.9	35.70	324.0	37.83
	0.0	-0.4	405.0	27.51	405.0	28.26	405.0	29.34	400.8	31.02	396.3	32.67	373.8	35.31	351.6	35.55	321.9	35.88
	5.0	4.5	427.2	29.88	427.2	30.60	427.2	31.71	412.8	33.36	398.7	35.01	373.8	34.56	351.6	33.51	321.9	32.10
	10.0	9.0	456.9	32.22	449.1	32.97	437.7	34.08	418.2	34.59	398.7	35.10	373.8	32.85	351.6	31.83	321.9	30.45
	15.0	14.0	482.1	34.86	464.4	35.28	437.7	35.91	418.2	34.59	398.7	33.27	373.8	31.17	351.6	30.18	321.9	28.86
	20.0	19.0	482.1	35.34	464.4	34.74	437.7	33.81	418.2	32.55	398.7	31.32	373.8	29.40	351.6	28.44	321.9	27.18
	25.0	23.0	482.1	33.21	464.4	32.64	437.7	31.74	418.2	30.60	398.7	29.43	373.8	27.69	351.6	26.76	321.9	25.53
	30.0	28.0	482.1	31.08	464.4	30.54	437.7	29.67	418.2	28.62	398.7	27.54	373.8	25.95	351.6	25.05	321.9	23.88
	35.0	32.0	482.1	28.95	464.4	28.41	437.7	27.63	418.2	26.64	398.7	25.65	373.8	24.24	351.6	23.37	321.9	22.23
	40.0	36.0	482.1	26.82	464.4	26.31	437.7	25.56	418.2	24.66	398.7	23.76	373.8	22.50	351.6	21.69	321.9	20.58
	45.0	41.0	482.1	24.72	464.4	24.24	437.7	23.55	418.2	22.74	398.7	21.90	373.8	20.82	351.6	20.01	321.9	18.96
	47.0	43.0	482.1	24.06	464.4	23.61	437.7	22.92	418.2	22.11	**398.7**	**21.33**	373.8	20.25	351.6	19.47	321.9	18.45
	50.0	46.0	482.1	23.19	464.4	22.74	437.7	22.08	418.2	21.30	398.7	20.55	373.8	19.50	351.6	18.75	321.9	17.76
	55.0	51.0	482.1	21.75	464.4	21.33	437.7	20.73	418.2	20.01	398.7	19.26	373.8	18.30	351.6	17.61	321.9	16.68
	60.0	56.0	482.1	20.22	464.4	19.86	437.7	19.26	418.2	18.60	398.7	17.91	373.8	17.04	351.6	16.38	321.9	15.51

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.
Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.
Nominal heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Heating Capacity ARUN432BTE4, ARUN432DTE4 / ARUB432BTE4, ARUB432DTE4

432,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
70	-12.6	-13.0	343.8	20.58	343.8	21.72	343.8	23.40	340.8	25.23	337.8	27.03	319.2	30.60	300.9	32.76	276.6	35.61
	-7.0	-7.6	351.9	23.13	351.9	24.24	351.9	25.95	345.0	27.93	337.8	29.91	319.2	32.82	300.9	34.11	276.6	35.82
	-4.0	-4.4	357.0	24.66	357.0	25.77	357.0	27.48	347.4	29.55	337.8	31.65	319.2	34.14	300.9	34.92	276.6	35.97
	0.0	-0.4	363.0	26.52	363.0	27.66	363.0	29.37	350.4	31.56	337.8	33.78	319.2	33.90	300.9	33.33	276.6	32.58
	5.0	4.5	390.0	28.89	381.9	30.03	369.3	31.71	353.7	32.70	337.8	33.66	319.2	32.10	300.9	31.50	276.6	30.69
	10.0	9.0	408.6	31.26	393.9	32.37	371.7	34.08	354.9	32.94	337.8	31.80	319.2	30.30	300.9	29.64	276.6	28.80
	15.0	14.0	408.6	35.19	393.9	34.20	371.7	32.73	354.9	31.32	337.8	29.94	319.2	28.53	300.9	27.84	276.6	26.94
	20.0	19.0	408.6	32.88	393.9	31.98	371.7	30.60	354.9	29.31	337.8	28.05	319.2	26.67	300.9	25.98	276.6	25.02
	25.0	23.0	408.6	30.63	393.9	29.79	371.7	28.53	354.9	27.33	337.8	26.16	319.2	24.87	300.9	24.12	276.6	23.10
	30.0	28.0	408.6	28.38	393.9	27.60	371.7	26.43	354.9	25.35	337.8	24.30	319.2	23.07	300.9	22.29	276.6	21.21
	35.0	32.0	408.6	26.13	393.9	25.41	371.7	24.36	354.9	23.40	337.8	22.41	319.2	21.27	300.9	20.43	276.6	19.32
	40.0	36.0	408.6	23.88	393.9	23.25	371.7	22.29	354.9	21.42	337.8	20.52	319.2	19.47	300.9	18.60	276.6	17.43
	45.0	41.0	408.6	21.69	393.9	21.12	371.7	20.28	354.9	19.50	337.8	18.72	319.2	17.73	300.9	16.80	276.6	15.60
	47.0	43.0	408.6	21.12	393.9	20.55	371.7	19.74	354.9	18.96	**337.8**	**18.21**	319.2	17.25	300.9	16.38	276.6	15.18
	50.0	46.0	408.6	20.34	393.9	19.80	371.7	19.02	354.9	18.27	337.8	17.55	319.2	16.62	300.9	15.75	276.6	14.64
	55.0	51.0	408.6	19.08	393.9	18.57	371.7	17.85	354.9	17.16	337.8	16.47	319.2	15.60	300.9	14.79	276.6	13.74
	60.0	56.0	408.6	17.76	393.9	17.28	371.7	16.59	354.9	15.96	337.8	15.30	319.2	14.49	300.9	13.77	276.6	12.78
60	-12.6	-13.0	301.8	20.91	301.8	21.96	301.8	23.58	295.8	25.71	289.8	27.81	273.0	31.50	258.0	33.69	237.9	36.66
	-7.0	-7.6	325.8	23.43	323.4	24.51	319.8	26.13	304.8	28.29	289.8	30.45	273.0	31.98	258.0	33.39	237.9	35.28
	-4.0	-4.4	347.4	24.96	336.3	26.04	319.8	27.66	304.8	29.82	289.8	31.98	273.0	32.46	258.0	31.62	237.9	30.51
	0.0	-0.4	349.8	26.85	337.8	27.93	319.8	29.55	304.8	30.93	289.8	32.34	273.0	31.20	258.0	30.12	237.9	28.71
	5.0	4.5	349.8	29.22	337.8	30.30	319.8	31.89	304.8	31.20	289.8	30.51	273.0	29.37	258.0	28.35	237.9	26.94
	10.0	9.0	349.8	33.15	337.8	32.64	319.8	31.92	304.8	30.30	289.8	28.71	273.0	27.57	258.0	26.55	237.9	25.17
	15.0	14.0	349.8	32.19	337.8	31.26	319.8	29.88	304.8	28.41	289.8	26.94	273.0	25.80	258.0	24.81	237.9	23.46
	20.0	19.0	349.8	30.03	337.8	29.13	319.8	27.78	304.8	26.43	289.8	25.08	273.0	23.97	258.0	22.98	237.9	21.66
	25.0	23.0	349.8	27.93	337.8	27.03	319.8	25.71	304.8	24.51	289.8	23.28	273.0	22.17	258.0	21.18	237.9	19.89
	30.0	28.0	349.8	25.80	337.8	24.96	319.8	23.67	304.8	22.56	289.8	21.45	273.0	20.37	258.0	19.41	237.9	18.12
	35.0	32.0	349.8	23.70	337.8	22.86	319.8	21.60	304.8	20.61	289.8	19.65	273.0	18.54	258.0	17.61	237.9	16.35
	40.0	36.0	349.8	21.57	337.8	20.76	319.8	19.53	304.8	18.69	289.8	17.82	273.0	16.74	258.0	15.81	237.9	14.58
	45.0	41.0	349.8	19.53	337.8	18.72	319.8	17.55	304.8	16.80	289.8	16.08	273.0	15.00	258.0	14.10	237.9	12.90
	47.0	43.0	349.8	19.02	337.8	18.24	319.8	17.07	304.8	16.38	**289.8**	**15.66**	273.0	14.61	258.0	13.74	237.9	12.57
	50.0	46.0	349.8	18.30	337.8	17.55	319.8	16.44	304.8	15.75	289.8	15.06	273.0	14.07	258.0	13.23	237.9	12.09
	55.0	51.0	349.8	17.19	337.8	16.50	319.8	15.45	304.8	14.79	289.8	14.16	273.0	13.20	258.0	12.42	237.9	11.34
	60.0	56.0	349.8	15.99	337.8	15.33	319.8	14.37	304.8	13.77	289.8	13.17	273.0	12.27	258.0	11.55	237.9	10.56
50	-12.6	-13.0	292.5	18.87	282.0	20.58	265.8	23.10	253.8	25.29	241.8	27.45	227.7	28.95	214.2	30.36	196.5	32.25
	-7.0	-7.6	292.5	21.42	282.0	23.10	265.8	25.65	253.8	26.97	241.8	28.29	227.7	29.31	214.2	27.90	196.5	25.98
	-4.0	-4.4	292.5	22.95	282.0	24.63	265.8	27.18	253.8	28.50	241.8	29.82	227.7	28.26	214.2	26.88	196.5	25.02
	0.0	-0.4	292.5	24.84	282.0	26.52	265.8	29.07	253.8	28.89	241.8	28.71	227.7	26.94	214.2	25.62	196.5	23.82
	5.0	4.5	292.5	28.89	282.0	28.89	265.8	28.86	253.8	27.90	241.8	26.94	227.7	25.29	214.2	24.03	196.5	22.35
	10.0	9.0	292.5	30.21	282.0	28.92	265.8	27.00	253.8	26.10	241.8	25.20	227.7	23.64	214.2	22.47	196.5	20.88
	15.0	14.0	292.5	28.17	282.0	26.97	265.8	25.20	253.8	24.33	241.8	23.46	227.7	22.05	214.2	20.91	196.5	19.44
	20.0	19.0	292.5	26.07	282.0	24.96	265.8	23.31	253.8	22.50	241.8	21.66	227.7	20.37	214.2	19.32	196.5	17.91
	25.0	23.0	292.5	23.97	282.0	22.98	265.8	21.48	253.8	20.70	241.8	19.92	227.7	18.72	214.2	17.73	196.5	16.44
	30.0	28.0	292.5	21.90	282.0	21.00	265.8	19.62	253.8	18.90	241.8	18.15	227.7	17.07	214.2	16.17	196.5	14.97
	35.0	32.0	292.5	19.83	282.0	18.99	265.8	17.76	253.8	17.07	241.8	16.38	227.7	15.45	214.2	14.61	196.5	13.47
	40.0	36.0	292.5	17.76	282.0	17.01	265.8	15.93	253.8	15.27	241.8	14.64	227.7	13.80	214.2	13.02	196.5	12.00
	45.0	41.0	292.5	15.75	282.0	15.12	265.8	14.16	253.8	13.56	241.8	12.96	227.7	12.21	214.2	11.52	196.5	10.59
	47.0	43.0	292.5	15.33	282.0	14.70	265.8	13.77	253.8	13.20	**241.8**	**12.60**	227.7	11.91	214.2	11.22	196.5	10.29
	50.0	46.0	292.5	14.76	282.0	14.16	265.8	13.26	253.8	12.69	241.8	12.15	227.7	11.46	214.2	10.80	196.5	9.93
	55.0	51.0	292.5	13.86	282.0	13.29	265.8	12.45	253.8	11.91	241.8	11.40	227.7	10.74	214.2	10.14	196.5	9.30
	60.0	56.0	292.5	12.90	282.0	12.36	265.8	11.58	253.8	11.10	241.8	10.59	227.7	9.99	214.2	9.42	196.5	8.67

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.
Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.
Nominal heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

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PERFORMANCE DATA

ARUN456BTE4, ARUN456DTE4 / ARUB456BTE4, ARUB456DTE4 Heating Capacity

465,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
130	-12.6	-13.0	354.6	19.86	354.6	21.78	354.6	24.64	353.4	27.01	352.4	29.4	352.4	31.86	352.4	33.07	352.4	34.66
	-7.0	-7.6	386.1	22.73	386.1	24.64	386.1	27.51	385	29.88	383.8	32.27	383.8	34.73	383.8	35.91	383.8	37.52
	-4.0	-4.4	405.1	24.44	405.1	26.36	405.1	29.20	403.8	31.59	402.5	33.98	402.5	36.45	402.5	37.63	402.5	39.24
	0.0	-0.4	428.5	26.57	428.5	28.46	428.5	31.33	427.2	33.72	425.9	36.11	425.9	38.57	425.9	39.75	425.9	41.34
	5.0	4.5	457.9	29.20	457.9	31.12	457.9	33.98	456.4	36.37	455.0	38.74	455.0	41.23	455.0	42.41	455.0	44.00
	10.0	9.0	487.1	31.86	487.1	33.78	487.1	36.64	485.7	39.01	484.2	41.40	484.2	43.87	484.2	45.05	484.2	46.66
	15.0	14.0	515.9	34.46	515.9	36.37	515.9	39.24	514.3	41.61	512.7	44.00	512.7	46.46	512.7	47.65	512.7	49.25
	20.0	19.0	545.7	37.16	545.7	39.07	545.7	41.94	544.0	44.31	542.4	46.70	542.4	47.54	542.4	46.56	542.4	45.21
	25.0	23.0	575.1	39.82	575.1	41.71	575.1	44.58	573.2	45.96	571.5	47.34	571.5	45.31	571.5	44.33	571.5	42.99
	30.0	28.0	604.5	42.45	604.5	44.37	604.5	47.23	602.6	46.10	600.7	44.98	597.2	43.06	589.9	42.08	580.1	40.80
	35.0	32.0	633.7	47.43	633.7	47.03	633.7	46.40	631.7	44.51	629.8	42.61	617.2	40.82	591.5	39.85	557.1	38.58
	40.0	36.0	663.0	47.68	663.0	45.92	663.0	43.26	660.9	41.75	658.7	40.25	625.4	38.57	588.4	37.63	539.0	36.38
	45.0	41.0	685.0	42.39	685.0	41.50	685.0	40.16	675.4	39.01	665.9	37.86	625.4	36.31	588.4	35.40	539.0	34.16
	47.0	43.0	685.0	41.27	685.0	40.39	685.0	39.10	675.4	37.97	**665.9**	**36.85**	625.4	35.34	588.4	34.45	539.0	33.25
	50.0	46.0	685.0	39.75	685.0	38.91	685.0	37.66	675.4	36.58	665.9	35.50	625.4	34.05	588.4	33.18	539.0	32.03
	55.0	51.0	685.0	37.30	685.0	36.52	685.0	35.34	675.4	34.32	665.9	33.31	625.4	31.96	588.4	31.15	539.0	30.07
	60.0	56.0	685.0	34.69	685.0	33.95	685.0	32.87	675.4	31.93	665.9	30.98	625.4	29.71	588.4	28.96	539.0	27.95
120	-12.6	-13.0	352.1	22.73	352.1	24.64	352.1	27.51	350.9	28.45	349.9	29.4	349.9	33.11	349.9	33.91	349.9	34.97
	-7.0	-7.6	383.5	25.59	383.5	27.51	383.5	30.35	382.2	31.32	381	32.27	381	35.98	381	36.78	381	37.83
	-4.0	-4.4	402.2	27.31	402.2	29.20	402.2	32.07	400.9	33.04	399.7	33.98	399.7	37.69	399.7	38.50	399.7	39.55
	0.0	-0.4	425.6	29.43	425.6	31.33	425.6	34.19	424.3	35.16	422.8	36.11	422.8	39.82	422.8	40.60	422.8	41.67
	5.0	4.5	454.7	32.07	454.7	33.98	454.7	36.85	453.2	37.80	451.8	38.74	451.8	42.45	451.8	43.26	451.8	44.31
	10.0	9.0	483.8	34.73	483.8	36.64	483.8	39.49	482.3	40.45	480.7	41.40	480.7	45.11	480.7	45.92	480.7	46.97
	15.0	14.0	512.3	37.32	512.3	39.24	512.3	42.08	510.5	43.05	508.9	44.00	508.9	47.71	508.9	48.51	508.9	49.56
	20.0	19.0	541.8	40.02	541.8	41.94	541.8	44.80	540.2	46.40	538.6	48.01	538.6	46.60	538.6	45.99	538.6	45.15
	25.0	23.0	571.0	42.68	571.0	44.58	571.0	47.44	569.1	46.59	567.4	45.75	564.3	44.50	557.3	43.89	548.2	43.09
	30.0	28.0	600.1	47.78	600.1	47.23	600.1	46.40	598.2	44.94	596.3	43.46	581.7	42.38	554.5	41.78	518.4	41.00
	35.0	32.0	629.2	47.85	629.2	46.16	629.2	43.62	623.2	42.41	616.9	41.19	588.1	40.26	552.3	39.69	504.5	38.94
	40.0	36.0	658.3	43.80	658.3	42.62	658.3	40.83	641.3	39.88	624.2	38.91	588.1	38.16	552.3	37.59	504.5	36.85
	45.0	41.0	684.3	39.85	679.5	39.14	672.3	38.07	648.2	37.35	624.2	36.62	588.1	36.01	552.3	35.47	504.5	34.76
	47.0	43.0	684.3	38.78	679.5	38.10	672.3	37.06	648.2	36.35	**624.2**	**35.64**	588.1	35.06	552.3	34.53	504.5	33.84
	50.0	46.0	684.3	37.36	679.5	36.69	672.3	35.70	648.2	35.02	624.2	34.32	588.1	33.78	552.3	33.27	504.5	32.60
	55.0	51.0	684.3	35.06	679.5	34.45	672.3	33.51	648.2	32.87	624.2	32.23	588.1	31.69	552.3	31.22	504.5	30.58
	60.0	56.0	684.3	32.60	679.5	32.03	672.3	31.16	648.2	30.55	624.2	29.97	588.1	29.47	552.3	29.03	504.5	28.45
110	-12.6	-13.0	350.2	26.23	350.2	27.51	350.2	29.4	349	31.08	348	32.74	348	34.56	348	36.38	348	38.81
	-7.0	-7.6	381.3	29.09	381.3	30.35	381.3	32.27	380.1	33.95	379	35.6	379	37.42	379	39.24	379	41.67
	-4.0	-4.4	400.0	30.81	400.0	32.07	400.0	33.98	398.7	35.64	397.7	37.32	397.7	39.14	397.7	40.96	397.7	43.39
	0.0	-0.4	423.3	32.93	423.3	34.19	423.3	36.11	421.8	37.77	420.6	39.45	420.6	41.24	420.6	43.08	420.6	45.52
	5.0	4.5	452.2	35.57	452.2	36.85	452.2	38.74	450.7	40.42	449.3	42.08	449.3	43.90	449.3	45.72	449.3	48.17
	10.0	9.0	481.0	38.23	481.0	39.49	481.0	41.40	479.7	43.08	478.1	44.74	478.1	46.56	478.1	48.38	478.1	50.81
	15.0	14.0	509.5	40.83	509.5	42.08	509.5	44.00	507.9	45.68	506.3	47.34	506.0	47.58	505.7	46.08	505.1	44.06
	20.0	19.0	539.0	43.53	539.0	44.80	539.0	46.70	537.3	46.70	535.5	46.73	522.8	45.28	499.4	43.87	468.4	42.00
	25.0	23.0	567.8	47.64	567.8	47.44	567.8	47.14	562.4	45.75	557.1	44.34	527.6	43.02	497.8	41.71	457.9	39.98
	30.0	28.0	596.9	47.23	596.9	46.05	596.9	44.24	578.6	43.09	560.5	41.94	527.6	40.73	497.8	39.55	457.9	37.96
	35.0	32.0	634.0	43.63	625.7	42.72	613.4	41.37	587.1	40.46	560.5	39.55	527.6	38.47	497.8	37.39	457.9	35.94
	40.0	36.0	670.8	40.05	649.5	39.41	617.5	38.47	589.0	37.83	560.5	37.18	527.6	36.21	497.8	35.23	457.9	33.91
	45.0	41.0	677.1	36.54	653.3	36.18	617.5	35.63	589.0	35.21	560.5	34.80	527.6	33.95	497.8	33.05	457.9	31.87
	47.0	43.0	677.1	35.57	653.3	35.20	617.5	34.69	589.0	34.29	**560.5**	**33.88**	527.6	33.04	497.8	32.17	457.9	31.02
	50.0	46.0	677.1	34.25	653.3	33.92	617.5	33.41	589.0	33.01	560.5	32.63	527.6	31.83	497.8	30.99	457.9	29.88
	55.0	51.0	677.1	32.16	653.3	31.83	617.5	31.35	589.0	30.99	560.5	30.62	527.6	29.87	497.8	29.09	457.9	28.05
	60.0	56.0	677.1	29.90	653.3	29.60	617.5	29.16	589.0	28.82	560.5	28.48	527.6	27.78	497.8	27.04	457.9	26.09

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.
Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.
Nominal heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Heating Capacity ARUN456BTE4, ARUN456DTE4 / ARUB456BTE4, ARUB456DTE4

465,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
100	-12.6	-13.0	348.7	18.61	348.7	23.7	348.7	31.32	347.7	32.64	346.5	33.98	346.5	36.59	346.5	38.1	346.5	40.12
	-7.0	-7.6	379.7	21.48	379.7	26.56	379.7	34.18	378.7	35.51	377.4	36.85	377.4	39.45	377.4	40.97	377.4	42.99
	-4.0	-4.4	398.4	23.20	398.4	28.28	398.4	35.90	397.1	37.22	395.9	38.57	395.9	41.17	395.9	42.68	395.9	44.70
	0.0	-0.4	420.9	25.32	420.2	30.41	418.9	38.00	418.3	39.35	417.7	40.69	417.7	43.29	417.7	44.81	417.7	46.83
	5.0	4.5	449.0	27.98	449.0	33.04	449.0	40.66	447.7	42.00	446.5	43.33	446.5	45.95	446.5	47.46	446.5	49.46
	10.0	9.0	480.0	30.62	478.5	35.70	476.6	43.32	476.3	44.64	476.2	45.99	470.6	47.53	458.6	46.73	442.7	45.69
	15.0	14.0	506.7	33.21	506.7	38.30	506.7	45.92	505.4	46.12	504.2	46.30	482.9	45.49	454.7	44.10	417.0	42.28
	20.0	19.0	547.5	36.48	545.6	41.00	542.5	47.77	527.8	45.82	513.0	43.86	482.9	42.86	454.7	41.57	417.0	39.81
	25.0	23.0	582.6	40.46	574.4	41.91	561.8	44.07	537.4	42.76	513.0	41.47	482.9	40.29	454.7	39.05	417.0	37.39
	30.0	28.0	610.3	39.31	591.8	40.19	563.9	41.53	538.4	40.29	513.0	39.07	482.9	37.73	454.7	36.55	417.0	34.99
	35.0	32.0	620.4	38.16	597.8	38.48	563.9	38.98	538.4	37.83	513.0	36.65	482.9	35.16	454.7	34.05	417.0	32.57
	40.0	36.0	620.4	36.99	597.8	36.78	563.9	36.44	538.4	35.34	513.0	34.26	482.9	32.57	454.7	31.53	417.0	30.15
	45.0	41.0	620.4	35.74	597.8	35.03	563.9	33.92	538.4	32.90	513.0	31.89	482.9	30.05	454.7	29.09	417.0	27.78
	47.0	43.0	620.4	34.80	597.8	34.09	563.9	33.01	538.4	32.03	**513.0**	**31.05**	482.9	29.26	454.7	28.32	417.0	27.04
	50.0	46.0	620.4	33.52	597.8	32.84	563.9	31.80	538.4	30.85	513.0	29.90	482.9	28.18	454.7	27.27	417.0	26.06
	55.0	51.0	620.4	31.46	597.8	30.82	563.9	29.84	538.4	28.96	513.0	28.05	482.9	26.44	454.7	25.59	417.0	24.45
	60.0	56.0	620.4	29.26	597.8	28.66	563.9	27.75	538.4	26.93	513.0	26.09	482.9	24.58	454.7	23.80	417.0	22.73
90	-12.6	-13.0	347.3	27.85	347.3	28.8	347.3	30.24	346.1	31.8	345.1	33.38	345.1	36.31	345.1	38.7	345.1	41.87
	-7.0	-7.6	378.1	30.71	378.1	31.66	378.1	33.1	377.1	34.66	375.9	36.24	375.9	39.17	375.9	41.56	375.9	44.74
	-4.0	-4.4	396.8	32.43	396.8	33.38	396.8	34.82	395.5	36.38	394.3	37.96	394.3	40.89	394.3	43.26	394.3	46.46
	0.0	-0.4	420.9	34.55	420.2	35.50	418.9	36.92	418.0	38.51	417.1	40.09	416.1	43.02	413.6	45.39	410.5	48.58
	5.0	4.5	449.0	37.19	449.0	38.16	449.0	39.58	447.4	41.16	445.6	42.72	435.1	44.50	417.7	44.40	394.6	44.27
	10.0	9.0	480.0	39.85	478.5	40.80	476.6	42.24	472.1	43.80	467.4	45.38	442.1	43.63	415.2	41.68	379.3	39.08
	15.0	14.0	506.7	42.45	506.7	43.40	506.7	44.84	488.3	44.30	469.9	43.77	442.1	41.40	415.2	39.52	379.3	37.02
	20.0	19.0	560.8	46.39	542.5	45.45	515.2	44.06	492.4	42.68	469.9	41.30	442.1	39.07	415.2	37.29	379.3	34.90
	25.0	23.0	569.0	43.63	547.5	42.75	515.2	41.44	492.4	40.15	469.9	38.85	442.1	36.78	415.2	35.07	379.3	32.83
	30.0	28.0	569.0	40.89	547.5	40.06	515.2	38.83	492.4	37.62	469.9	36.41	442.1	34.49	415.2	32.88	379.3	30.74
	35.0	32.0	569.0	38.13	547.5	37.36	515.2	36.21	492.4	35.10	469.9	33.98	442.1	32.20	415.2	30.68	379.3	28.66
	40.0	36.0	569.0	35.37	547.5	34.66	515.2	33.58	492.4	32.57	469.9	31.55	442.1	29.91	415.2	28.49	379.3	26.57
	45.0	41.0	569.0	32.67	547.5	32.00	515.2	31.02	492.4	30.08	469.9	29.16	442.1	27.65	415.2	26.33	379.3	24.52
	47.0	43.0	569.0	31.79	547.5	31.15	515.2	30.20	492.4	29.29	**469.9**	**28.39**	442.1	26.93	415.2	25.62	379.3	23.87
	50.0	46.0	569.0	30.62	547.5	30.01	515.2	29.09	492.4	28.21	469.9	27.34	442.1	25.93	415.2	24.68	379.3	22.99
	55.0	51.0	569.0	28.73	547.5	28.16	515.2	27.30	492.4	26.47	469.9	25.66	442.1	24.34	415.2	23.16	379.3	21.58
	60.0	56.0	569.0	26.73	547.5	26.19	515.2	25.39	492.4	24.62	469.9	23.87	442.1	22.63	415.2	21.54	379.3	20.06
80	-12.6	-13.0	345.8	24.21	345.8	25.05	345.8	26.29	344.8	28.15	343.6	30.01	343.6	33.98	343.6	36.37	343.6	39.55
	-7.0	-7.6	376.6	27.08	376.6	27.91	376.6	29.16	375.5	31.02	374.3	32.87	374.3	36.68	374.3	38.71	374.3	41.41
	-4.0	-4.4	395.2	28.80	395.2	29.63	395.2	30.88	393.9	32.73	392.7	34.59	386.6	38.30	373.6	40.12	356.2	42.52
	0.0	-0.4	418.9	30.92	418.9	31.75	418.9	32.98	415.8	34.86	412.6	36.71	394.5	39.69	371.2	39.96	340.1	40.33
	5.0	4.5	448.4	33.58	448.4	34.39	448.4	35.64	434.7	37.49	420.8	39.35	394.6	38.84	371.1	37.66	339.8	36.10
	10.0	9.0	492.4	36.21	480.3	37.05	462.0	38.30	441.4	38.88	420.8	39.48	394.6	36.92	371.1	35.77	339.8	34.25
	15.0	14.0	508.9	39.18	490.2	39.65	462.0	40.35	441.4	38.87	420.8	37.39	394.6	35.02	371.1	33.91	339.8	32.43
	20.0	19.0	508.9	39.74	490.2	39.04	462.0	37.99	441.4	36.61	420.8	35.20	394.6	33.04	371.1	31.96	339.8	30.54
	25.0	23.0	508.9	37.33	490.2	36.68	462.0	35.67	441.4	34.39	420.8	33.08	394.6	31.11	371.1	30.07	339.8	28.69
	30.0	28.0	508.9	34.93	490.2	34.32	462.0	33.37	441.4	32.16	420.8	30.95	394.6	29.17	371.1	28.16	339.8	26.83
	35.0	32.0	508.9	32.54	490.2	31.93	462.0	31.05	441.4	29.94	420.8	28.83	394.6	27.24	371.1	26.26	339.8	24.98
	40.0	36.0	508.9	30.14	490.2	29.57	462.0	28.73	441.4	27.72	420.8	26.70	394.6	25.29	371.1	24.37	339.8	23.12
	45.0	41.0	508.9	27.78	490.2	27.25	462.0	26.47	441.4	25.55	420.8	24.61	394.6	23.39	371.1	22.49	339.8	21.30
	47.0	43.0	508.9	27.04	490.2	26.53	462.0	25.76	441.4	24.85	**420.8**	**23.97**	394.6	22.76	371.1	21.89	339.8	20.73
	50.0	46.0	508.9	26.06	490.2	25.56	462.0	24.81	441.4	23.94	420.8	23.09	394.6	21.92	371.1	21.08	339.8	19.96
	55.0	51.0	508.9	24.45	490.2	23.98	462.0	23.29	441.4	22.48	420.8	21.65	394.6	20.57	371.1	19.79	339.8	18.74
	60.0	56.0	508.9	22.73	490.2	22.31	462.0	21.65	441.4	20.90	420.8	20.13	394.6	19.15	371.1	18.41	339.8	17.43

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.
Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.
Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

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ARUN456BTE4, ARUN456DTE4 / ARUB456BTE4, ARUB456DTE4 Heating Capacity

465,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
70	-12.6	-13.0	345.8	23.13	345.8	24.4	345.8	26.3	344.8	28.35	343.6	30.38	335.6	34.4	318.2	36.82	295.1	40.03
	-7.0	-7.6	371.5	25.99	371.5	27.25	371.5	29.16	364.1	31.39	356.6	33.62	337	36.88	317.6	38.34	291.9	40.28
	-4.0	-4.4	387.0	27.71	387.0	28.97	387.0	30.88	371.8	33.22	356.6	35.57	337.0	38.37	317.6	39.25	291.9	40.42
	0.0	-0.4	415.2	29.81	406.2	31.09	392.4	33.00	374.6	35.48	356.6	37.97	337.0	38.10	317.6	37.46	291.9	36.62
	5.0	4.5	431.0	32.47	415.5	33.75	392.4	35.64	374.6	36.75	356.6	37.83	337.0	36.07	317.6	35.40	291.9	34.49
	10.0	9.0	431.2	35.13	415.7	36.38	392.4	38.30	374.6	37.02	356.6	35.74	337.0	34.05	317.6	33.32	291.9	32.37
	15.0	14.0	431.2	39.55	415.7	38.44	392.4	36.78	374.6	35.23	356.6	33.68	337.0	32.06	317.6	31.29	291.9	30.28
	20.0	19.0	431.2	36.96	415.7	35.94	392.4	34.39	374.6	32.94	356.6	31.52	337.0	30.00	317.6	29.19	291.9	28.11
	25.0	23.0	431.2	34.43	415.7	33.48	392.4	32.06	374.6	30.72	356.6	29.40	337.0	27.96	317.6	27.11	291.9	25.99
	30.0	28.0	431.2	31.90	415.7	31.02	392.4	29.71	374.6	28.52	356.6	27.30	337.0	25.93	317.6	25.05	291.9	23.84
	35.0	32.0	431.2	29.37	415.7	28.56	392.4	27.38	374.6	26.29	356.6	25.19	337.0	23.91	317.6	22.97	291.9	21.72
	40.0	36.0	431.2	26.83	415.7	26.13	392.4	25.05	374.6	24.07	356.6	23.07	337.0	21.88	317.6	20.90	291.9	19.59
	45.0	41.0	431.2	24.37	415.7	23.74	392.4	22.79	374.6	21.91	356.6	21.03	337.0	19.92	317.6	18.89	291.9	17.54
	47.0	43.0	431.2	23.73	415.7	23.10	392.4	22.18	374.6	21.31	**356.6**	**20.46**	337.0	19.39	317.6	18.40	291.9	17.07
	50.0	46.0	431.2	22.85	415.7	22.25	392.4	21.35	374.6	20.53	356.6	19.72	337.0	18.67	317.6	17.71	291.9	16.45
	55.0	51.0	431.2	21.44	415.7	20.88	392.4	20.06	374.6	19.28	356.6	18.51	337.0	17.53	317.6	16.62	291.9	15.44
	60.0	56.0	431.2	19.93	415.7	19.42	392.4	18.64	374.6	17.93	356.6	17.20	337.0	16.29	317.6	15.47	291.9	14.36
60	-12.6	-13.0	318.5	23.49	318.5	24.69	318.5	26.5	312.2	28.89	305.9	31.26	288.1	35.4	272.3	37.89	251.1	41.2
	-7.0	-7.6	343.9	26.34	341.4	27.55	337.6	29.37	321.8	31.8	305.9	34.23	288.1	35.94	272.3	37.52	251.1	39.65
	-4.0	-4.4	366.7	28.06	355.0	29.27	337.6	31.09	321.8	33.52	305.9	35.95	288.1	36.48	272.3	35.54	251.1	34.29
	0.0	-0.4	369.2	30.18	356.6	31.39	337.6	33.21	321.8	34.77	305.9	36.35	288.1	35.06	272.3	33.85	251.1	32.27
	5.0	4.5	369.2	32.84	356.6	34.05	337.6	35.85	321.8	35.09	305.9	34.32	288.1	33.03	272.3	31.86	251.1	30.28
	10.0	9.0	369.2	37.25	356.6	36.69	337.6	35.87	321.8	34.06	305.9	32.27	288.1	30.99	272.3	29.84	251.1	28.29
	15.0	14.0	369.2	36.18	356.6	35.14	337.6	33.59	321.8	31.93	305.9	30.27	288.1	29.00	272.3	27.88	251.1	26.36
	20.0	19.0	369.2	33.75	356.6	32.74	337.6	31.22	321.8	29.71	305.9	28.19	288.1	26.94	272.3	25.82	251.1	24.34
	25.0	23.0	369.2	31.39	356.6	30.38	337.6	28.90	321.8	27.54	305.9	26.16	288.1	24.91	272.3	23.81	251.1	22.35
	30.0	28.0	369.2	29.00	356.6	28.05	337.6	26.60	321.8	25.35	305.9	24.11	288.1	22.89	272.3	21.81	251.1	20.37
	35.0	32.0	369.2	26.63	356.6	25.69	337.6	24.28	321.8	23.17	305.9	22.08	288.1	20.84	272.3	19.79	251.1	18.38
	40.0	36.0	369.2	24.24	356.6	23.33	337.6	21.95	321.8	21.00	305.9	20.03	288.1	18.82	272.3	17.77	251.1	16.39
	45.0	41.0	369.2	21.95	356.6	21.05	337.6	19.72	321.8	18.89	305.9	18.07	288.1	16.86	272.3	15.85	251.1	14.50
	47.0	43.0	369.2	21.37	356.6	20.50	337.6	19.19	321.8	18.40	**305.9**	**17.60**	288.1	16.42	272.3	15.44	251.1	14.12
	50.0	46.0	369.2	20.57	356.6	19.73	337.6	18.48	321.8	17.71	305.9	16.93	288.1	15.81	272.3	14.86	251.1	13.59
	55.0	51.0	369.2	19.32	356.6	18.54	337.6	17.36	321.8	16.62	305.9	15.91	288.1	14.84	272.3	13.95	251.1	12.75
	60.0	56.0	369.2	17.96	356.6	17.23	337.6	16.15	321.8	15.47	305.9	14.80	288.1	13.79	272.3	12.98	251.1	11.87
50	-12.6	-13.0	308.8	21.21	297.6	23.12	280.6	25.97	267.9	28.42	255.3	30.85	240.3	32.54	226.2	34.12	207.4	36.25
	-7.0	-7.6	308.8	24.07	297.6	25.97	280.6	28.83	267.9	30.31	255.3	31.79	240.3	32.94	226.2	31.35	207.4	29.2
	-4.0	-4.4	308.8	25.79	297.6	27.69	280.6	30.55	267.9	32.03	255.3	33.51	240.3	31.76	226.2	30.20	207.4	28.12
	0.0	-0.4	308.8	27.91	297.6	29.81	280.6	32.67	267.9	32.47	255.3	32.26	240.3	30.28	226.2	28.79	207.4	26.80
	5.0	4.5	308.8	32.47	297.6	32.47	280.6	32.43	267.9	31.36	255.3	30.28	240.3	28.43	226.2	27.01	207.4	25.12
	10.0	9.0	308.8	33.95	297.6	32.51	280.6	30.35	267.9	29.33	255.3	28.32	240.3	26.57	226.2	25.25	207.4	23.46
	15.0	14.0	308.8	31.66	297.6	30.34	280.6	28.32	267.9	27.34	255.3	26.37	240.3	24.78	226.2	23.51	207.4	21.84
	20.0	19.0	308.8	29.29	297.6	28.05	280.6	26.20	267.9	25.28	255.3	24.35	240.3	22.89	226.2	21.71	207.4	20.13
	25.0	23.0	308.8	26.94	297.6	25.82	280.6	24.13	267.9	23.26	255.3	22.38	240.3	21.04	226.2	19.93	207.4	18.48
	30.0	28.0	308.8	24.61	297.6	23.60	280.6	22.05	267.9	21.23	255.3	20.40	240.3	19.19	226.2	18.17	207.4	16.82
	35.0	32.0	308.8	22.28	297.6	21.35	280.6	19.97	267.9	19.19	255.3	18.42	240.3	17.36	226.2	16.41	207.4	15.14
	40.0	36.0	308.8	19.95	297.6	19.12	280.6	17.90	267.9	17.17	255.3	16.45	240.3	15.51	226.2	14.64	207.4	13.49
	45.0	41.0	308.8	17.70	297.6	16.99	280.6	15.91	267.9	15.23	255.3	14.56	240.3	13.73	226.2	12.95	207.4	11.90
	47.0	43.0	308.8	17.23	297.6	16.53	280.6	15.48	267.9	14.83	**255.3**	**14.16**	240.3	13.38	226.2	12.61	207.4	11.57
	50.0	46.0	308.8	16.59	297.6	15.92	280.6	14.91	267.9	14.27	255.3	13.65	240.3	12.88	226.2	12.14	207.4	11.16
	55.0	51.0	308.8	15.58	297.6	14.94	280.6	13.99	267.9	13.39	255.3	12.81	240.3	12.08	226.2	11.39	207.4	10.46
	60.0	56.0	308.8	14.49	297.6	13.89	280.6	13.01	267.9	12.47	255.3	11.90	240.3	11.23	226.2	10.59	207.4	9.74

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.
Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.
Nominal heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Heating Capacity ARUN480BTE4, ARUN480DTE4 / ARUB480BTE4, ARUB480DTE4

480,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
130	-12.6	-13.0	373.2	22.05	373.2	24.18	373.2	27.35	372	29.99	370.9	32.64	370.9	35.37	370.9	36.71	370.9	38.48
	-7.0	-7.6	406.5	25.24	406.5	27.35	406.5	30.54	405.2	33.18	404	35.83	404	38.56	404	39.87	404	41.65
	-4.0	-4.4	426.5	27.13	426.5	29.26	426.5	32.42	425.1	35.07	423.7	37.72	423.7	40.47	423.7	41.78	423.7	43.56
	0.0	-0.4	451.1	29.50	451.1	31.60	451.1	34.79	449.7	37.44	448.3	40.09	448.3	42.82	448.3	44.13	448.3	45.90
	5.0	4.5	482.0	32.42	482.0	34.55	482.0	37.72	480.5	40.37	478.9	43.01	478.9	45.77	478.9	47.08	478.9	48.85
	10.0	9.0	512.8	35.37	512.8	37.50	512.8	40.67	511.2	43.31	509.7	45.96	509.7	48.71	509.7	50.02	509.7	51.80
	15.0	14.0	543.1	38.26	543.1	40.37	543.1	43.56	541.4	46.20	539.7	48.85	539.7	51.58	539.7	52.91	539.7	54.67
	20.0	19.0	574.5	41.26	574.5	43.37	574.5	46.56	572.6	49.20	570.9	51.85	570.9	52.78	570.9	51.69	570.9	50.19
	25.0	23.0	605.4	44.21	605.4	46.31	605.4	49.50	603.4	51.03	601.5	52.56	601.5	50.30	601.5	49.21	601.5	47.73
	30.0	28.0	636.3	47.13	636.3	49.26	636.3	52.43	634.3	51.19	632.3	49.94	628.6	47.81	620.9	46.72	610.6	45.30
	35.0	32.0	667.1	52.65	667.1	52.21	667.1	51.52	664.9	49.42	662.9	47.30	649.7	45.31	622.6	44.24	586.5	42.84
	40.0	36.0	697.8	52.94	697.8	50.98	697.8	48.03	695.7	46.36	693.4	44.68	658.3	42.82	619.4	41.78	567.4	40.39
	45.0	41.0	721.1	47.07	721.1	46.07	721.1	44.59	710.9	43.31	700.9	42.03	658.3	40.31	619.4	39.30	567.4	37.93
	47.0	43.0	721.1	45.82	721.1	44.84	721.1	43.40	710.9	42.16	**700.9**	**40.91**	658.3	39.24	619.4	38.24	567.4	36.92
	50.0	46.0	721.1	44.13	721.1	43.20	721.1	41.81	710.9	40.61	700.9	39.41	658.3	37.80	619.4	36.84	567.4	35.56
	55.0	51.0	721.1	41.42	721.1	40.55	721.1	39.24	710.9	38.10	700.9	36.98	658.3	35.48	619.4	34.58	567.4	33.38
	60.0	56.0	721.1	38.51	721.1	37.69	721.1	36.49	710.9	35.45	700.9	34.39	658.3	32.99	619.4	32.15	567.4	31.03
120	-12.6	-13.0	370.6	25.24	370.6	27.35	370.6	30.54	369.4	31.58	368.3	32.64	368.3	36.76	368.3	37.64	368.3	38.83
	-7.0	-7.6	403.7	28.41	403.7	30.54	403.7	33.7	402.3	34.77	401.1	35.83	401.1	39.95	401.1	40.83	401.1	42
	-4.0	-4.4	423.4	30.32	423.4	32.42	423.4	35.61	422.0	36.68	420.8	37.72	420.8	41.84	420.8	42.74	420.8	43.91
	0.0	-0.4	448.0	32.67	448.0	34.79	448.0	37.96	446.6	39.03	445.1	40.09	445.1	44.21	445.1	45.08	445.1	46.26
	5.0	4.5	478.6	35.61	478.6	37.72	478.6	40.91	477.1	41.97	475.5	43.01	475.5	47.13	475.5	48.03	475.5	49.20
	10.0	9.0	509.2	38.56	509.2	40.67	509.2	43.85	507.7	44.90	506.0	45.96	506.0	50.08	506.0	50.98	506.0	52.15
	15.0	14.0	539.2	41.43	539.2	43.56	539.2	46.72	537.4	47.79	535.7	48.85	535.7	52.97	535.7	53.85	535.7	55.02
	20.0	19.0	570.3	44.43	570.3	46.56	570.3	49.73	568.6	51.52	566.9	53.30	566.9	51.74	566.9	51.06	566.9	50.13
	25.0	23.0	601.1	47.38	601.1	49.50	601.1	52.67	599.1	51.72	597.2	50.79	594.0	49.40	586.6	48.72	577.1	47.84
	30.0	28.0	631.7	53.05	631.7	52.43	631.7	51.52	629.7	49.89	627.7	48.25	612.3	47.05	583.7	46.39	545.7	45.52
	35.0	32.0	662.3	53.13	662.3	51.25	662.3	48.42	656.0	47.08	649.4	45.72	619.1	44.70	581.4	44.07	531.1	43.23
	40.0	36.0	692.9	48.63	692.9	47.32	692.9	45.33	675.1	44.27	657.1	43.20	619.1	42.36	581.4	41.73	531.1	40.91
	45.0	41.0	720.3	44.24	715.2	43.45	707.7	42.27	682.3	41.46	657.1	40.66	619.1	39.98	581.4	39.38	531.1	38.59
	47.0	43.0	720.3	43.06	715.2	42.30	707.7	41.15	682.3	40.36	**657.1**	**39.57**	619.1	38.92	581.4	38.34	531.1	37.56
	50.0	46.0	720.3	41.48	715.2	40.74	707.7	39.63	682.3	38.87	657.1	38.10	619.1	37.50	581.4	36.93	531.1	36.19
	55.0	51.0	720.3	38.92	715.2	38.24	707.7	37.20	682.3	36.49	657.1	35.78	619.1	35.18	581.4	34.66	531.1	33.95
	60.0	56.0	720.3	36.19	715.2	35.56	707.7	34.60	682.3	33.92	657.1	33.27	619.1	32.72	581.4	32.23	531.1	31.58
110	-12.6	-13.0	368.6	29.12	368.6	30.54	368.6	32.64	367.4	34.5	366.3	36.35	366.3	38.37	366.3	40.39	366.3	43.09
	-7.0	-7.6	401.4	32.29	401.4	33.7	401.4	35.83	400.2	37.69	398.9	39.52	398.9	41.54	398.9	43.56	398.9	46.26
	-4.0	-4.4	421.1	34.20	421.1	35.61	421.1	37.72	419.7	39.57	418.6	41.43	418.6	43.45	418.6	45.47	418.6	48.17
	0.0	-0.4	445.5	36.55	445.5	37.96	445.5	40.09	444.0	41.94	442.8	43.80	442.8	45.79	442.8	47.82	442.8	50.54
	5.0	4.5	476.0	39.49	476.0	40.91	476.0	43.01	474.5	44.87	472.9	46.72	472.9	48.74	472.9	50.76	472.9	53.47
	10.0	9.0	506.3	42.44	506.3	43.85	506.3	45.96	504.9	47.82	503.2	49.67	503.2	51.69	503.2	53.71	503.2	56.41
	15.0	14.0	536.3	45.33	536.3	46.72	536.3	48.85	534.6	50.71	532.9	52.56	532.6	52.83	532.3	51.15	531.7	48.91
	20.0	19.0	567.4	48.33	567.4	49.73	567.4	51.85	565.5	51.85	563.7	51.88	550.3	50.27	525.7	48.71	493.1	46.62
	25.0	23.0	597.7	52.89	597.7	52.67	597.7	52.34	592.0	50.79	586.5	49.23	555.4	47.76	524.0	46.31	482.0	44.38
	30.0	28.0	628.3	52.43	628.3	51.12	628.3	49.12	609.1	47.84	590.0	46.56	555.4	45.22	524.0	43.91	482.0	42.14
	35.0	32.0	667.4	48.44	658.6	47.43	645.7	45.93	618.0	44.92	590.0	43.91	555.4	42.71	524.0	41.51	482.0	39.90
	40.0	36.0	706.2	44.46	683.7	43.75	650.0	42.71	620.0	42.00	590.0	41.27	555.4	40.20	524.0	39.11	482.0	37.64
	45.0	41.0	712.8	40.56	687.7	40.17	650.0	39.55	620.0	39.10	590.0	38.64	555.4	37.69	524.0	36.70	482.0	35.39
	47.0	43.0	712.8	39.49	687.7	39.08	650.0	38.51	620.0	38.07	**590.0**	**37.61**	555.4	36.68	524.0	35.72	482.0	34.44
	50.0	46.0	712.8	38.02	687.7	37.66	650.0	37.09	620.0	36.65	590.0	36.22	555.4	35.34	524.0	34.41	482.0	33.18
	55.0	51.0	712.8	35.70	687.7	35.34	650.0	34.80	620.0	34.41	590.0	34.00	555.4	33.16	524.0	32.29	482.0	31.14
	60.0	56.0	712.8	33.19	687.7	32.86	650.0	32.37	620.0	31.99	590.0	31.61	555.4	30.84	524.0	30.02	482.0	28.96

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.
Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.
Nominal heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

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PERFORMANCE DATA

ARUN480BTE4, ARUN480DTE4 / ARUB480BTE4, ARUB480DTE4 Heating Capacity
480,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
100	-12.6	-13.0	367.1	20.66	367.1	26.31	367.1	34.77	366	36.24	364.8	37.72	364.8	40.63	364.8	42.3	364.8	44.54
	-7.0	-7.6	399.7	23.85	399.7	29.48	399.7	37.94	398.6	39.43	397.2	40.91	397.2	43.8	397.2	45.49	397.2	47.73
	-4.0	-4.4	419.4	25.76	419.4	31.39	419.4	39.85	418.0	41.32	416.8	42.82	416.8	45.71	416.8	47.38	416.8	49.62
	0.0	-0.4	443.1	28.11	442.3	33.76	440.9	42.19	440.3	43.69	439.7	45.17	439.7	48.06	439.7	49.75	439.7	51.99
	5.0	4.5	472.6	31.06	472.6	36.68	472.6	45.14	471.2	46.62	470.0	48.11	470.0	51.01	470.0	52.68	470.0	54.91
	10.0	9.0	505.2	34.00	503.7	39.63	501.7	48.09	501.4	49.56	501.2	51.06	495.4	52.76	482.8	51.88	466.0	50.73
	15.0	14.0	533.4	36.87	533.4	42.52	533.4	50.98	532.0	51.20	530.8	51.41	508.3	50.51	478.6	48.96	438.9	46.94
	20.0	19.0	576.3	40.50	574.3	45.52	571.1	53.03	555.5	50.87	540.0	48.69	508.3	47.59	478.6	46.15	438.9	44.19
	25.0	23.0	613.2	44.92	604.6	46.53	591.4	48.93	565.7	47.48	540.0	46.04	508.3	44.73	478.6	43.36	438.9	41.51
	30.0	28.0	642.5	43.64	622.9	44.62	593.5	46.10	566.8	44.73	540.0	43.37	508.3	41.89	478.6	40.58	438.9	38.84
	35.0	32.0	653.1	42.36	629.2	42.73	593.5	43.28	566.8	42.00	540.0	40.69	508.3	39.03	478.6	37.80	438.9	36.16
	40.0	36.0	653.1	41.07	629.2	40.83	593.5	40.45	566.8	39.24	540.0	38.04	508.3	36.16	478.6	35.01	438.9	33.48
	45.0	41.0	653.1	39.68	629.2	38.89	593.5	37.66	566.8	36.52	540.0	35.40	508.3	33.37	478.6	32.29	438.9	30.84
	47.0	43.0	653.1	38.64	629.2	37.85	593.5	36.65	566.8	35.56	**540.0**	**34.47**	508.3	32.48	478.6	31.44	438.9	30.02
	50.0	46.0	653.1	37.22	629.2	36.46	593.5	35.31	566.8	34.25	540.0	33.19	508.3	31.28	478.6	30.27	438.9	28.93
	55.0	51.0	653.1	34.93	629.2	34.22	593.5	33.13	566.8	32.15	540.0	31.14	508.3	29.36	478.6	28.41	438.9	27.15
	60.0	56.0	653.1	32.48	629.2	31.82	593.5	30.81	566.8	29.89	540.0	28.96	508.3	27.29	478.6	26.42	438.9	25.24
90	-12.6	-13.0	365.5	30.92	365.5	31.98	365.5	33.57	364.3	35.31	363.2	37.06	363.2	40.31	363.2	42.96	363.2	46.48
	-7.0	-7.6	398.0	34.09	398.0	35.15	398.0	36.74	396.9	38.48	395.7	40.23	395.7	43.48	395.7	46.13	395.7	49.67
	-4.0	-4.4	417.7	36.00	417.7	37.06	417.7	38.65	416.3	40.39	415.1	42.14	415.1	45.39	415.1	48.03	415.1	51.58
	0.0	-0.4	443.1	38.35	442.3	39.41	440.9	40.99	440.0	42.76	439.1	44.51	438.0	47.76	435.4	50.40	432.2	53.93
	5.0	4.5	472.6	41.29	472.6	42.36	472.6	43.94	470.9	45.69	469.1	47.43	458.0	49.40	439.7	49.29	415.4	49.15
	10.0	9.0	505.2	44.24	503.7	45.30	501.7	46.89	496.9	48.63	492.0	50.38	465.4	48.44	437.1	46.28	399.2	43.39
	15.0	14.0	533.4	47.13	533.4	48.19	533.4	49.78	514.0	49.18	494.6	48.60	465.4	45.96	437.1	43.88	399.2	41.10
	20.0	19.0	590.3	51.50	571.1	50.46	542.3	48.91	518.3	47.38	494.6	45.85	465.4	43.37	437.1	41.40	399.2	38.75
	25.0	23.0	598.9	48.44	576.3	47.46	542.3	46.01	518.3	44.57	494.6	43.14	465.4	40.83	437.1	38.94	399.2	36.44
	30.0	28.0	598.9	45.39	576.3	44.48	542.3	43.10	518.3	41.76	494.6	40.42	465.4	38.29	437.1	36.51	399.2	34.12
	35.0	32.0	598.9	42.33	576.3	41.48	542.3	40.20	518.3	38.97	494.6	37.72	465.4	35.75	437.1	34.06	399.2	31.82
	40.0	36.0	598.9	39.27	576.3	38.48	542.3	37.28	518.3	36.16	494.6	35.02	465.4	33.21	437.1	31.63	399.2	29.50
	45.0	41.0	598.9	36.27	576.3	35.53	542.3	34.44	518.3	33.40	494.6	32.37	465.4	30.70	437.1	29.23	399.2	27.23
	47.0	43.0	598.9	35.29	576.3	34.58	542.3	33.52	518.3	32.51	**494.6**	**31.52**	465.4	29.89	437.1	28.44	399.2	26.50
	50.0	46.0	598.9	34.00	576.3	33.32	542.3	32.29	518.3	31.31	494.6	30.35	465.4	28.79	437.1	27.40	399.2	25.52
	55.0	51.0	598.9	31.90	576.3	31.27	542.3	30.30	518.3	29.39	494.6	28.49	465.4	27.02	437.1	25.71	399.2	23.96
	60.0	56.0	598.9	29.67	576.3	29.07	542.3	28.19	518.3	27.34	494.6	26.50	465.4	25.13	437.1	23.91	399.2	22.27
80	-12.6	-13.0	364.0	26.88	364.0	27.81	364.0	29.18	362.9	31.25	361.7	33.32	361.7	37.72	361.7	40.37	361.7	43.91
	-7.0	-7.6	396.5	30.07	396.5	30.98	396.5	32.37	395.2	34.44	394	36.49	394	40.72	394	42.98	394	45.98
	-4.0	-4.4	416.0	31.98	416.0	32.89	416.0	34.28	414.6	36.33	413.4	38.40	406.9	42.52	393.2	44.54	374.9	47.21
	0.0	-0.4	440.9	34.33	440.9	35.24	440.9	36.62	437.7	38.70	434.3	40.75	415.2	44.07	390.8	44.37	358.0	44.78
	5.0	4.5	472.0	37.28	472.0	38.18	472.0	39.57	457.5	41.62	442.9	43.69	415.4	43.12	390.6	41.81	357.7	40.07
	10.0	9.0	518.3	40.20	505.5	41.13	486.3	42.52	464.6	43.17	442.9	43.83	415.4	40.99	390.6	39.71	357.7	38.02
	15.0	14.0	535.7	43.50	516.0	44.02	486.3	44.79	464.6	43.15	442.9	41.51	415.4	38.87	390.6	37.64	357.7	36.00
	20.0	19.0	535.7	44.11	516.0	43.34	486.3	42.17	464.6	40.64	442.9	39.08	415.4	36.68	390.6	35.48	357.7	33.90
	25.0	23.0	535.7	41.45	516.0	40.72	486.3	39.60	464.6	38.18	442.9	36.73	415.4	34.53	390.6	33.38	357.7	31.85
	30.0	28.0	535.7	38.78	516.0	38.10	486.3	37.04	464.6	35.70	442.9	34.36	415.4	32.39	390.6	31.27	357.7	29.78
	35.0	32.0	535.7	36.13	516.0	35.45	486.3	34.47	464.6	33.24	442.9	32.01	415.4	30.24	390.6	29.15	357.7	27.73
	40.0	36.0	535.7	33.46	516.0	32.83	486.3	31.90	464.6	30.78	442.9	29.64	415.4	28.08	390.6	27.05	357.7	25.66
	45.0	41.0	535.7	30.84	516.0	30.26	486.3	29.39	464.6	28.36	442.9	27.32	415.4	25.96	390.6	24.97	357.7	23.64
	47.0	43.0	535.7	30.02	516.0	29.45	486.3	28.60	464.6	27.59	**442.9**	**26.61**	415.4	25.27	390.6	24.31	357.7	23.01
	50.0	46.0	535.7	28.93	516.0	28.38	486.3	27.54	464.6	26.58	442.9	25.63	415.4	24.34	390.6	23.41	357.7	22.16
	55.0	51.0	535.7	27.15	516.0	26.63	486.3	25.85	464.6	24.95	442.9	24.04	415.4	22.84	390.6	21.97	357.7	20.80
	60.0	56.0	535.7	25.24	516.0	24.76	486.3	24.04	464.6	23.20	442.9	22.35	415.4	21.26	390.6	20.44	357.7	19.35

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.
Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.
Nominal heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Heating Capacity ARUN480BTE4, ARUN480DTE4 / ARUB480BTE4, ARUB480DTE4

480,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
70	-12.6	-13.0	364.0	25.68	364.0	27.08	364.0	29.2	362.9	31.47	361.7	33.73	353.2	38.2	334.9	40.88	310.6	44.45
	-7.0	-7.6	391.1	28.85	391.1	30.26	391.1	32.37	383.2	34.85	375.4	37.33	354.8	40.94	334.3	42.57	307.2	44.71
	-4.0	-4.4	407.4	30.76	407.4	32.17	407.4	34.28	391.4	36.89	375.4	39.49	354.8	42.60	334.3	43.58	307.2	44.87
	0.0	-0.4	437.1	33.10	427.5	34.52	413.1	36.63	394.3	39.40	375.4	42.16	354.8	42.30	334.3	41.59	307.2	40.66
	5.0	4.5	453.7	36.05	437.4	37.47	413.1	39.57	394.3	40.80	375.4	42.00	354.8	40.04	334.3	39.30	307.2	38.29
	10.0	9.0	453.8	39.00	437.5	40.39	413.1	42.52	394.3	41.10	375.4	39.68	354.8	37.80	334.3	37.00	307.2	35.94
	15.0	14.0	453.8	43.91	437.5	42.68	413.1	40.83	394.3	39.11	375.4	37.39	354.8	35.59	334.3	34.74	307.2	33.62
	20.0	19.0	453.8	41.04	437.5	39.90	413.1	38.18	394.3	36.57	375.4	34.99	354.8	33.30	334.3	32.40	307.2	31.20
	25.0	23.0	453.8	38.23	437.5	37.17	413.1	35.59	394.3	34.11	375.4	32.64	354.8	31.05	334.3	30.10	307.2	28.85
	30.0	28.0	453.8	35.42	437.5	34.44	413.1	32.99	394.3	31.66	375.4	30.30	354.8	28.79	334.3	27.81	307.2	26.47
	35.0	32.0	453.8	32.61	437.5	31.71	413.1	30.40	394.3	29.18	375.4	27.97	354.8	26.55	334.3	25.51	307.2	24.12
	40.0	36.0	453.8	29.78	437.5	29.01	413.1	27.81	394.3	26.72	375.4	25.62	354.8	24.29	334.3	23.20	307.2	21.75
	45.0	41.0	453.8	27.05	437.5	26.36	413.1	25.30	394.3	24.32	375.4	23.34	354.8	22.11	334.3	20.98	307.2	19.48
	47.0	43.0	453.8	26.34	437.5	25.65	413.1	24.62	394.3	23.66	**375.4**	**22.71**	354.8	21.53	334.3	20.42	307.2	18.96
	50.0	46.0	453.8	25.36	437.5	24.70	413.1	23.71	394.3	22.79	375.4	21.89	354.8	20.72	334.3	19.67	307.2	18.26
	55.0	51.0	453.8	23.80	437.5	23.19	413.1	22.27	394.3	21.40	375.4	20.55	354.8	19.46	334.3	18.45	307.2	17.14
	60.0	56.0	453.8	22.13	437.5	21.56	413.1	20.69	394.3	19.90	375.4	19.10	354.8	18.09	334.3	17.17	307.2	15.94
60	-12.6	-13.0	335.2	26.07	335.2	27.42	335.2	29.42	328.6	32.07	322	34.71	303.2	39.3	286.6	42.06	264.3	45.74
	-7.0	-7.6	362.0	29.25	359.4	30.59	355.4	32.61	338.8	35.31	322	38.01	303.2	39.9	286.6	41.65	264.3	44.02
	-4.0	-4.4	386.0	31.16	373.7	32.50	355.4	34.52	338.8	37.22	322.0	39.92	303.2	40.50	286.6	39.46	264.3	38.07
	0.0	-0.4	388.6	33.51	375.4	34.85	355.4	36.87	338.8	38.61	322.0	40.36	303.2	38.92	286.6	37.58	264.3	35.83
	5.0	4.5	388.6	36.46	375.4	37.80	355.4	39.81	338.8	38.95	322.0	38.10	303.2	36.66	286.6	35.37	264.3	33.62
	10.0	9.0	388.6	41.35	375.4	40.74	355.4	39.82	338.8	37.82	322.0	35.83	303.2	34.41	286.6	33.13	264.3	31.41
	15.0	14.0	388.6	40.17	375.4	39.02	355.4	37.30	338.8	35.45	322.0	33.60	303.2	32.20	286.6	30.95	264.3	29.26
	20.0	19.0	388.6	37.47	375.4	36.35	355.4	34.66	338.8	32.99	322.0	31.30	303.2	29.91	286.6	28.66	264.3	27.02
	25.0	23.0	388.6	34.85	375.4	33.73	355.4	32.09	338.8	30.57	322.0	29.04	303.2	27.65	286.6	26.44	264.3	24.81
	30.0	28.0	388.6	32.20	375.4	31.14	355.4	29.53	338.8	28.14	322.0	26.77	303.2	25.41	286.6	24.21	264.3	22.62
	35.0	32.0	388.6	29.56	375.4	28.52	355.4	26.96	338.8	25.73	322.0	24.51	303.2	23.14	286.6	21.97	264.3	20.41
	40.0	36.0	388.6	26.91	375.4	25.90	355.4	24.37	338.8	23.31	322.0	22.24	303.2	20.90	286.6	19.73	264.3	18.20
	45.0	41.0	388.6	24.37	375.4	23.38	355.4	21.89	338.8	20.98	322.0	20.06	303.2	18.72	286.6	17.60	264.3	16.10
	47.0	43.0	388.6	23.72	375.4	22.76	355.4	21.31	338.8	20.42	**322.0**	**19.54**	303.2	18.23	286.6	17.14	264.3	15.67
	50.0	46.0	388.6	22.84	375.4	21.91	355.4	20.52	338.8	19.67	322.0	18.80	303.2	17.55	286.6	16.49	264.3	15.09
	55.0	51.0	388.6	21.45	375.4	20.58	355.4	19.27	338.8	18.45	322.0	17.66	303.2	16.48	286.6	15.48	264.3	14.16
	60.0	56.0	388.6	19.93	375.4	19.13	355.4	17.93	338.8	17.17	322.0	16.43	303.2	15.31	286.6	14.41	264.3	13.18
50	-12.6	-13.0	325.1	23.55	313.2	25.66	295.4	28.84	282	31.55	268.8	34.25	252.9	36.13	238.2	37.88	218.3	40.25
	-7.0	-7.6	325.1	26.72	313.2	28.84	295.4	32.01	282	33.65	268.8	35.29	252.9	36.57	238.2	34.8	218.3	32.42
	-4.0	-4.4	325.1	28.63	313.2	30.75	295.4	33.92	282.0	35.56	268.8	37.20	252.9	35.26	238.2	33.52	218.3	31.22
	0.0	-0.4	325.1	30.98	313.2	33.10	295.4	36.27	282.0	36.05	268.8	35.81	252.9	33.62	238.2	31.96	218.3	29.75
	5.0	4.5	325.1	36.05	313.2	36.05	295.4	36.00	282.0	34.82	268.8	33.62	252.9	31.57	238.2	29.99	218.3	27.89
	10.0	9.0	325.1	37.69	313.2	36.10	295.4	33.70	282.0	32.56	268.8	31.44	252.9	29.50	238.2	28.03	218.3	26.04
	15.0	14.0	325.1	35.15	313.2	33.68	295.4	31.44	282.0	30.35	268.8	29.28	252.9	27.51	238.2	26.11	218.3	24.24
	20.0	19.0	325.1	32.51	313.2	31.14	295.4	29.09	282.0	28.06	268.8	27.04	252.9	25.41	238.2	24.10	218.3	22.35
	25.0	23.0	325.1	29.91	313.2	28.66	295.4	26.78	282.0	25.82	268.8	24.84	252.9	23.36	238.2	22.13	218.3	20.52
	30.0	28.0	325.1	27.32	313.2	26.20	295.4	24.48	282.0	23.56	268.8	22.65	252.9	21.31	238.2	20.17	218.3	18.67
	35.0	32.0	325.1	24.73	313.2	23.71	295.4	22.18	282.0	21.31	268.8	20.46	252.9	19.27	238.2	18.21	218.3	16.81
	40.0	36.0	325.1	22.14	313.2	21.23	295.4	19.87	282.0	19.07	268.8	18.26	252.9	17.22	238.2	16.26	218.3	14.98
	45.0	41.0	325.1	19.65	313.2	18.86	295.4	17.66	282.0	16.90	268.8	16.16	252.9	15.25	238.2	14.38	218.3	13.21
	47.0	43.0	325.1	19.13	313.2	18.36	295.4	17.19	282.0	16.46	**268.8**	**15.72**	252.9	14.85	238.2	14.00	218.3	12.85
	50.0	46.0	325.1	18.42	313.2	17.68	295.4	16.56	282.0	15.85	268.8	15.15	252.9	14.30	238.2	13.48	218.3	12.39
	55.0	51.0	325.1	17.30	313.2	16.59	295.4	15.53	282.0	14.87	268.8	14.22	252.9	13.42	238.2	12.64	218.3	11.62
	60.0	56.0	325.1	16.08	313.2	15.42	295.4	14.44	282.0	13.84	268.8	13.21	252.9	12.47	238.2	11.76	218.3	10.81

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.
Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.
Nominal heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

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PERFORMANCE DATA

ARUN504BTE4, ARUN504DTE4 / ARUB504BTE4, ARUB504DTE4 Heating Capacity

504,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
130	-12.6	-13.0	391.8	24.24	391.8	26.58	391.8	30.06	390.6	32.97	389.4	35.88	389.4	38.88	389.4	40.35	389.4	42.3
	-7.0	-7.6	426.9	27.75	426.9	30.06	426.9	33.57	425.4	36.48	424.2	39.39	424.2	42.39	424.2	43.83	424.2	45.78
	-4.0	-4.4	447.9	29.82	447.9	32.16	447.9	35.64	446.4	38.55	444.9	41.46	444.9	44.49	444.9	45.93	444.9	47.88
	0.0	-0.4	473.7	32.43	473.7	34.74	473.7	38.25	472.2	41.16	470.7	44.07	470.7	47.07	470.7	48.51	470.7	50.46
	5.0	4.5	506.1	35.64	506.1	37.98	506.1	41.46	504.6	44.37	502.8	47.28	502.8	50.31	502.8	51.75	502.8	53.70
	10.0	9.0	538.5	38.88	538.5	41.22	538.5	44.70	536.7	47.61	535.2	50.52	535.2	53.55	535.2	54.99	535.2	56.94
	15.0	14.0	570.3	42.06	570.3	44.37	570.3	47.88	568.5	50.79	566.7	53.70	566.7	56.70	566.7	58.17	566.7	60.09
	20.0	19.0	603.3	45.36	603.3	47.67	603.3	51.18	601.2	54.09	599.4	57.00	599.4	58.02	599.4	56.82	599.4	55.17
	25.0	23.0	635.7	48.60	635.7	50.91	635.7	54.42	633.6	56.10	631.5	57.78	631.5	55.29	631.5	54.09	631.5	52.47
	30.0	28.0	668.1	51.81	668.1	54.15	668.1	57.63	666.0	56.28	663.9	54.90	660.0	52.56	651.9	51.36	641.1	49.80
	35.0	32.0	700.5	57.87	700.5	57.39	700.5	56.64	698.1	54.33	696.0	51.99	682.2	49.80	653.7	48.63	615.9	47.10
	40.0	36.0	732.6	58.20	732.6	56.04	732.6	52.80	730.5	50.97	728.1	49.11	691.2	47.07	650.4	45.93	595.8	44.40
	45.0	41.0	757.2	51.75	757.2	50.64	757.2	49.02	746.4	47.61	735.9	46.20	691.2	44.31	650.4	43.20	595.8	41.70
	47.0	43.0	757.2	50.37	757.2	49.29	757.2	47.70	746.4	46.35	**735.9**	**44.97**	691.2	43.14	650.4	42.03	595.8	40.59
	50.0	46.0	757.2	48.51	757.2	47.49	757.2	45.96	746.4	44.64	735.9	43.32	691.2	41.55	650.4	40.50	595.8	39.09
	55.0	51.0	757.2	45.54	757.2	44.58	757.2	43.14	746.4	41.88	735.9	40.65	691.2	39.00	650.4	38.01	595.8	36.69
	60.0	56.0	757.2	42.33	757.2	41.43	757.2	40.11	746.4	38.97	735.9	37.80	691.2	36.27	650.4	35.34	595.8	34.11
120	-12.6	-13.0	389.1	27.75	389.1	30.06	389.1	33.57	387.9	34.71	386.7	35.88	386.7	40.41	386.7	41.37	386.7	42.69
	-7.0	-7.6	423.9	31.23	423.9	33.57	423.9	37.05	422.4	38.22	421.2	39.39	421.2	43.92	421.2	44.88	421.2	46.17
	-4.0	-4.4	444.6	33.33	444.6	35.64	444.6	39.15	443.1	40.32	441.9	41.46	441.9	45.99	441.9	46.98	441.9	48.27
	0.0	-0.4	470.4	35.91	470.4	38.25	470.4	41.73	468.9	42.90	467.4	44.07	467.4	48.60	467.4	49.56	467.4	50.85
	5.0	4.5	502.5	39.15	502.5	41.46	502.5	44.97	501.0	46.14	499.2	47.28	499.2	51.81	499.2	52.80	499.2	54.09
	10.0	9.0	534.6	42.39	534.6	44.70	534.6	48.21	533.1	49.35	531.3	50.52	531.3	55.05	531.3	56.04	531.3	57.33
	15.0	14.0	566.1	45.54	566.1	47.88	566.1	51.36	564.3	52.53	562.5	53.70	562.5	58.23	562.5	59.19	562.5	60.48
	20.0	19.0	598.8	48.84	598.8	51.18	598.8	54.66	597.0	56.64	595.2	58.59	595.2	56.88	595.2	56.13	595.2	55.11
	25.0	23.0	631.2	52.08	631.2	54.42	631.2	57.90	629.1	56.85	627.0	55.83	623.7	54.30	615.9	53.55	606.0	52.59
	30.0	28.0	663.3	58.32	663.3	57.63	663.3	56.64	661.2	54.84	659.1	53.04	642.9	51.72	612.9	51.00	573.0	50.04
	35.0	32.0	695.4	58.41	695.4	56.34	695.4	53.22	688.8	51.75	681.9	50.25	650.1	49.14	610.5	48.45	557.7	47.52
	40.0	36.0	727.5	53.46	727.5	52.02	727.5	49.83	708.9	48.66	690.0	47.49	650.1	46.56	610.5	45.87	557.7	44.97
	45.0	41.0	756.3	48.63	750.9	47.76	743.1	46.47	716.4	45.57	690.0	44.70	650.1	43.95	610.5	43.29	557.7	42.42
	47.0	43.0	756.3	47.34	750.9	46.50	743.1	45.24	716.4	44.37	**690.0**	**43.50**	650.1	42.78	610.5	42.15	557.7	41.28
	50.0	46.0	756.3	45.60	750.9	44.79	743.1	43.56	716.4	42.72	690.0	41.88	650.1	41.22	610.5	40.59	557.7	39.78
	55.0	51.0	756.3	42.78	750.9	42.03	743.1	40.89	716.4	40.11	690.0	39.33	650.1	38.67	610.5	38.10	557.7	37.32
	60.0	56.0	756.3	39.78	750.9	39.09	743.1	38.04	716.4	37.29	690.0	36.57	650.1	35.97	610.5	35.43	557.7	34.71
110	-12.6	-13.0	387.0	32.01	387.0	33.57	387.0	35.88	385.8	37.92	384.6	39.96	384.6	42.18	384.6	44.4	384.6	47.37
	-7.0	-7.6	421.5	35.49	421.5	37.05	421.5	39.39	420.3	41.43	418.8	43.44	418.8	45.66	418.8	47.88	418.8	50.85
	-4.0	-4.4	442.2	37.59	442.2	39.15	442.2	41.46	440.7	43.50	439.5	45.54	439.5	47.76	439.5	49.98	439.5	52.95
	0.0	-0.4	467.7	40.17	467.7	41.73	467.7	44.07	466.2	46.11	465.0	48.15	465.0	50.34	465.0	52.56	465.0	55.56
	5.0	4.5	499.8	43.41	499.8	44.97	499.8	47.28	498.3	49.32	496.5	51.36	496.5	53.58	496.5	55.80	496.5	58.77
	10.0	9.0	531.6	46.65	531.6	48.21	531.6	50.52	530.1	52.56	528.3	54.60	528.3	56.82	528.3	59.04	528.3	62.01
	15.0	14.0	563.1	49.83	563.1	51.36	563.1	53.70	561.3	55.74	559.5	57.78	559.2	58.08	558.9	56.22	558.3	53.76
	20.0	19.0	595.8	53.13	595.8	54.66	595.8	57.00	593.7	57.00	591.9	57.03	577.8	55.26	552.0	53.55	517.8	51.24
	25.0	23.0	627.6	58.14	627.6	57.90	627.6	57.54	621.6	55.83	615.9	54.12	583.2	52.50	550.2	50.91	506.1	48.78
	30.0	28.0	659.7	57.63	659.7	56.19	659.7	54.00	639.6	52.59	619.5	51.18	583.2	49.71	550.2	48.27	506.1	46.32
	35.0	32.0	700.8	53.25	691.5	52.14	678.0	50.49	648.9	49.38	619.5	48.27	583.2	46.95	550.2	45.63	506.1	43.86
	40.0	36.0	741.6	48.87	717.9	48.09	682.5	46.95	651.0	46.17	619.5	45.36	583.2	44.19	550.2	42.99	506.1	41.37
	45.0	41.0	748.5	44.58	722.1	44.16	682.5	43.47	651.0	42.99	619.5	42.48	583.2	41.43	550.2	40.35	506.1	38.91
	47.0	43.0	748.5	43.41	722.1	42.96	682.5	42.33	651.0	41.85	**619.5**	**41.34**	583.2	40.32	550.2	39.27	506.1	37.86
	50.0	46.0	748.5	41.79	722.1	41.40	682.5	40.77	651.0	40.29	619.5	39.81	583.2	38.85	550.2	37.83	506.1	36.48
	55.0	51.0	748.5	39.24	722.1	38.85	682.5	38.25	651.0	37.83	619.5	37.38	583.2	36.45	550.2	35.49	506.1	34.23
	60.0	56.0	748.5	36.48	722.1	36.12	682.5	35.58	651.0	35.16	619.5	34.74	583.2	33.90	550.2	33.00	506.1	31.83

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.
Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.
Nominal heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

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PERFORMANCE DATA

MULTI V IV

Heating Capacity ARUN504BTE4, ARUN504DTE4 / ARUB504BTE4, ARUB504DTE4

504,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
100	-12.6	-13.0	385.5	22.71	385.5	28.92	385.5	38.22	384.3	39.84	383.1	41.46	383.1	44.67	383.1	46.5	383.1	48.96
	-7.0	-7.6	419.7	26.22	419.7	32.4	419.7	41.7	418.5	43.35	417	44.97	417	48.15	417	50.01	417	52.47
	-4.0	-4.4	440.4	28.32	440.4	34.50	440.4	43.80	438.9	45.42	437.7	47.07	437.7	50.25	437.7	52.08	437.7	54.54
	0.0	-0.4	465.3	30.90	464.4	37.11	462.9	46.38	462.3	48.03	461.7	49.65	461.7	52.83	461.7	54.69	461.7	57.15
	5.0	4.5	496.2	34.14	496.2	40.32	496.2	49.62	494.7	51.24	493.5	52.89	493.5	56.07	493.5	57.90	493.5	60.36
	10.0	9.0	530.4	37.38	528.9	43.56	526.8	52.86	526.5	54.48	526.2	56.13	520.2	57.99	507.0	57.03	489.3	55.77
	15.0	14.0	560.1	40.53	560.1	46.74	560.1	56.04	558.6	56.28	557.4	56.52	533.7	55.53	502.5	53.82	460.8	51.60
	20.0	19.0	605.1	44.52	603.0	50.04	599.7	58.29	583.2	55.92	567.0	53.52	533.7	52.32	502.5	50.73	460.8	48.57
	25.0	23.0	643.8	49.38	634.8	51.15	621.0	53.79	594.0	52.20	567.0	50.61	533.7	49.17	502.5	47.67	460.8	45.63
	30.0	28.0	674.7	47.97	654.0	49.05	623.1	50.67	595.2	49.17	567.0	47.67	533.7	46.05	502.5	44.61	460.8	42.69
	35.0	32.0	685.8	46.56	660.6	46.98	623.1	47.58	595.2	46.17	567.0	44.73	533.7	42.90	502.5	41.55	460.8	39.75
	40.0	36.0	685.8	45.15	660.6	44.88	623.1	44.46	595.2	43.14	567.0	41.82	533.7	39.75	502.5	38.49	460.8	36.81
	45.0	41.0	685.8	43.62	660.6	42.75	623.1	41.40	595.2	40.14	567.0	38.91	533.7	36.69	502.5	35.49	460.8	33.90
	47.0	43.0	685.8	42.48	660.6	41.61	623.1	40.29	595.2	39.09	**567.0**	**37.89**	533.7	35.70	502.5	34.56	460.8	33.00
	50.0	46.0	685.8	40.92	660.6	40.08	623.1	38.82	595.2	37.65	567.0	36.48	533.7	34.38	502.5	33.27	460.8	31.80
	55.0	51.0	685.8	38.40	660.6	37.62	623.1	36.42	595.2	35.34	567.0	34.23	533.7	32.28	502.5	31.23	460.8	29.85
	60.0	56.0	685.8	35.70	660.6	34.98	623.1	33.87	595.2	32.85	567.0	31.83	533.7	30.00	502.5	29.04	460.8	27.75
90	-12.6	-13.0	383.7	33.99	383.7	35.16	383.7	36.9	382.5	38.82	381.3	40.74	381.3	44.31	381.3	47.22	381.3	51.09
	-7.0	-7.6	417.9	37.47	417.9	38.64	417.9	40.38	416.7	42.3	415.5	44.22	415.5	47.79	415.5	50.7	415.5	54.6
	-4.0	-4.4	438.6	39.57	438.6	40.74	438.6	42.48	437.1	44.40	435.9	46.32	435.9	49.89	435.9	52.80	435.9	56.70
	0.0	-0.4	465.3	42.15	464.4	43.32	462.9	45.06	462.0	47.01	461.1	48.93	459.9	52.50	457.2	55.41	453.9	59.28
	5.0	4.5	496.2	45.39	496.2	46.56	496.2	48.30	494.4	50.22	492.6	52.14	480.9	54.30	461.7	54.18	436.2	54.03
	10.0	9.0	530.4	48.63	528.9	49.80	526.8	51.54	521.7	53.46	516.6	55.38	488.7	53.25	459.0	50.88	419.1	47.70
	15.0	14.0	560.1	51.81	560.1	52.98	560.1	54.72	539.7	54.06	519.3	53.43	488.7	50.52	459.0	48.24	419.1	45.18
	20.0	19.0	619.8	56.61	599.7	55.47	569.4	53.76	544.2	52.08	519.3	50.40	488.7	47.67	459.0	45.51	419.1	42.60
	25.0	23.0	628.8	53.25	605.1	52.17	569.4	50.58	544.2	48.99	519.3	47.43	488.7	44.88	459.0	42.81	419.1	40.05
	30.0	28.0	628.8	49.89	605.1	48.90	569.4	47.37	544.2	45.90	519.3	44.43	488.7	42.09	459.0	40.14	419.1	37.50
	35.0	32.0	628.8	46.53	605.1	45.60	569.4	44.19	544.2	42.84	519.3	41.46	488.7	39.30	459.0	37.44	419.1	34.98
	40.0	36.0	628.8	43.17	605.1	42.30	569.4	40.98	544.2	39.75	519.3	38.49	488.7	36.51	459.0	34.77	419.1	32.43
	45.0	41.0	628.8	39.87	605.1	39.06	569.4	37.86	544.2	36.72	519.3	35.58	488.7	33.75	459.0	32.13	419.1	29.94
	47.0	43.0	628.8	38.79	605.1	38.01	569.4	36.84	544.2	35.73	**519.3**	**34.65**	488.7	32.85	459.0	31.26	419.1	29.13
	50.0	46.0	628.8	37.38	605.1	36.63	569.4	35.49	544.2	34.41	519.3	33.36	488.7	31.65	459.0	30.12	419.1	28.05
	55.0	51.0	628.8	35.07	605.1	34.38	569.4	33.30	544.2	32.31	519.3	31.32	488.7	29.70	459.0	28.26	419.1	26.34
	60.0	56.0	628.8	32.61	605.1	31.95	569.4	30.99	544.2	30.06	519.3	29.13	488.7	27.63	459.0	26.28	419.1	24.48
80	-12.6	-13.0	382.2	29.55	382.2	30.57	382.2	32.07	381	34.35	379.8	36.63	379.8	41.46	379.8	44.37	379.8	48.27
	-7.0	-7.6	416.4	33.06	416.4	34.05	416.4	35.58	414.9	37.86	413.7	40.11	413.7	44.76	413.7	47.25	413.7	50.55
	-4.0	-4.4	436.8	35.16	436.8	36.15	436.8	37.68	435.3	39.93	434.1	42.21	427.2	46.74	412.8	48.96	393.6	51.90
	0.0	-0.4	462.9	37.74	462.9	38.73	462.9	40.26	459.6	42.54	456.0	44.79	435.9	48.45	410.4	48.78	375.9	49.23
	5.0	4.5	495.6	40.98	495.6	41.97	495.6	43.50	480.3	45.75	465.0	48.03	436.2	47.40	410.1	45.96	375.6	44.04
	10.0	9.0	544.2	44.19	530.7	45.21	510.6	46.74	487.8	47.46	465.0	48.18	436.2	45.06	410.1	43.65	375.6	41.79
	15.0	14.0	562.5	47.82	541.8	48.39	510.6	49.23	487.8	47.43	465.0	45.63	436.2	42.72	410.1	41.37	375.6	39.57
	20.0	19.0	562.5	48.48	541.8	47.64	510.6	46.35	487.8	44.67	465.0	42.96	436.2	40.32	410.1	39.00	375.6	37.26
	25.0	23.0	562.5	45.57	541.8	44.76	510.6	43.53	487.8	41.97	465.0	40.38	436.2	37.95	410.1	36.69	375.6	35.01
	30.0	28.0	562.5	42.63	541.8	41.88	510.6	40.71	487.8	39.24	465.0	37.77	436.2	35.61	410.1	34.38	375.6	32.73
	35.0	32.0	562.5	39.72	541.8	38.97	510.6	37.89	487.8	36.54	465.0	35.19	436.2	33.24	410.1	32.04	375.6	30.48
	40.0	36.0	562.5	36.78	541.8	36.09	510.6	35.07	487.8	33.84	465.0	32.58	436.2	30.87	410.1	29.73	375.6	28.20
	45.0	41.0	562.5	33.90	541.8	33.27	510.6	32.31	487.8	31.17	465.0	30.03	436.2	28.53	410.1	27.45	375.6	25.98
	47.0	43.0	562.5	33.00	541.8	32.37	510.6	31.44	487.8	30.33	**465.0**	**29.25**	436.2	27.78	410.1	26.73	375.6	25.29
	50.0	46.0	562.5	31.80	541.8	31.20	510.6	30.27	487.8	29.22	465.0	28.17	436.2	26.76	410.1	25.74	375.6	24.36
	55.0	51.0	562.5	29.85	541.8	29.28	510.6	28.41	487.8	27.42	465.0	26.43	436.2	25.11	410.1	24.15	375.6	22.86
	60.0	56.0	562.5	27.75	541.8	27.21	510.6	26.43	487.8	25.50	465.0	24.57	436.2	23.37	410.1	22.47	375.6	21.27

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.
Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.
Nominal heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

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PERFORMANCE DATA

ARUN504BTE4, ARUN504DTE4 / ARUB504BTE4, ARUB504DTE4 Heating Capacity

504,000 Btu/h 208-230V, 460V Heat Pump / Heat Recovery Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
70	-12.6	-13.0	382.2	28.23	382.2	29.76	382.2	32.1	381	34.59	379.8	37.08	370.8	42	351.6	44.94	326.1	48.87
	-7.0	-7.6	410.7	31.71	410.7	33.27	410.7	35.58	402.3	38.31	394.2	41.04	372.6	45	351	46.8	322.5	49.14
	-4.0	-4.4	427.8	33.81	427.8	35.37	427.8	37.68	411.0	40.56	394.2	43.41	372.6	46.83	351.0	47.91	322.5	49.32
	0.0	-0.4	459.0	36.39	448.8	37.95	433.8	40.26	414.0	43.32	394.2	46.35	372.6	46.50	351.0	45.72	322.5	44.70
	5.0	4.5	476.4	39.63	459.3	41.19	433.8	43.50	414.0	44.85	394.2	46.17	372.6	44.01	351.0	43.20	322.5	42.09
	10.0	9.0	476.4	42.87	459.3	44.40	433.8	46.74	414.0	45.18	394.2	43.62	372.6	41.55	351.0	40.68	322.5	39.51
	15.0	14.0	476.4	48.27	459.3	46.92	433.8	44.88	414.0	42.99	394.2	41.10	372.6	39.12	351.0	38.19	322.5	36.96
	20.0	19.0	476.4	45.12	459.3	43.86	433.8	41.97	414.0	40.20	394.2	38.46	372.6	36.60	351.0	35.61	322.5	34.29
	25.0	23.0	476.4	42.03	459.3	40.86	433.8	39.12	414.0	37.50	394.2	35.88	372.6	34.14	351.0	33.09	322.5	31.71
	30.0	28.0	476.4	38.94	459.3	37.86	433.8	36.27	414.0	34.80	394.2	33.30	372.6	31.65	351.0	30.57	322.5	29.10
	35.0	32.0	476.4	35.85	459.3	34.86	433.8	33.42	414.0	32.07	394.2	30.75	372.6	29.19	351.0	28.05	322.5	26.52
	40.0	36.0	476.4	32.73	459.3	31.89	433.8	30.57	414.0	29.37	394.2	28.17	372.6	26.70	351.0	25.50	322.5	23.91
	45.0	41.0	476.4	29.73	459.3	28.98	433.8	27.81	414.0	26.73	394.2	25.65	372.6	24.30	351.0	23.07	322.5	21.42
	47.0	43.0	476.4	28.95	459.3	28.20	433.8	27.06	414.0	26.01	**394.2**	**24.96**	372.6	23.67	351.0	22.44	322.5	20.85
	50.0	46.0	476.4	27.87	459.3	27.15	433.8	26.07	414.0	25.05	394.2	24.06	372.6	22.77	351.0	21.63	322.5	20.07
	55.0	51.0	476.4	26.16	459.3	25.50	433.8	24.48	414.0	23.52	394.2	22.59	372.6	21.39	351.0	20.28	322.5	18.84
	60.0	56.0	476.4	24.33	459.3	23.70	433.8	22.74	414.0	21.87	394.2	21.00	372.6	19.89	351.0	18.87	322.5	17.52
60	-12.6	-13.0	351.9	28.65	351.9	30.15	351.9	32.34	345	35.25	338.1	38.16	318.3	43.2	300.9	46.23	277.5	50.28
	-7.0	-7.6	380.1	32.16	377.4	33.63	373.2	35.85	355.8	38.82	338.1	41.79	318.3	43.86	300.9	45.78	277.5	48.39
	-4.0	-4.4	405.3	34.26	392.4	35.73	373.2	37.95	355.8	40.92	338.1	43.89	318.3	44.52	300.9	43.38	277.5	41.85
	0.0	-0.4	408.0	36.84	394.2	38.31	373.2	40.53	355.8	42.45	338.1	44.37	318.3	42.78	300.9	41.31	277.5	39.39
	5.0	4.5	408.0	40.08	394.2	41.55	373.2	43.77	355.8	42.81	338.1	41.88	318.3	40.29	300.9	38.88	277.5	36.96
	10.0	9.0	408.0	45.45	394.2	44.79	373.2	43.77	355.8	41.58	338.1	39.39	318.3	37.83	300.9	36.42	277.5	34.53
	15.0	14.0	408.0	44.16	394.2	42.90	373.2	41.01	355.8	38.97	338.1	36.93	318.3	35.40	300.9	34.02	277.5	32.16
	20.0	19.0	408.0	41.19	394.2	39.96	373.2	38.10	355.8	36.27	338.1	34.41	318.3	32.88	300.9	31.50	277.5	29.70
	25.0	23.0	408.0	38.31	394.2	37.08	373.2	35.28	355.8	33.60	338.1	31.92	318.3	30.39	300.9	29.07	277.5	27.27
	30.0	28.0	408.0	35.40	394.2	34.23	373.2	32.46	355.8	30.93	338.1	29.43	318.3	27.93	300.9	26.61	277.5	24.87
	35.0	32.0	408.0	32.49	394.2	31.35	373.2	29.64	355.8	28.29	338.1	26.94	318.3	25.44	300.9	24.15	277.5	22.44
	40.0	36.0	408.0	29.58	394.2	28.47	373.2	26.79	355.8	25.62	338.1	24.45	318.3	22.98	300.9	21.69	277.5	20.01
	45.0	41.0	408.0	26.79	394.2	25.71	373.2	24.06	355.8	23.07	338.1	22.05	318.3	20.58	300.9	19.35	277.5	17.70
	47.0	43.0	408.0	26.07	394.2	25.02	373.2	23.43	355.8	22.44	**338.1**	**21.48**	318.3	20.04	300.9	18.84	277.5	17.22
	50.0	46.0	408.0	25.11	394.2	24.09	373.2	22.56	355.8	21.63	338.1	20.67	318.3	19.29	300.9	18.12	277.5	16.59
	55.0	51.0	408.0	23.58	394.2	22.62	373.2	21.18	355.8	20.28	338.1	19.41	318.3	18.12	300.9	17.01	277.5	15.57
	60.0	56.0	408.0	21.90	394.2	21.03	373.2	19.71	355.8	18.87	338.1	18.06	318.3	16.83	300.9	15.84	277.5	14.49
50	-12.6	-13.0	341.4	25.89	328.8	28.2	310.2	31.71	296.1	34.68	282.3	37.65	265.5	39.72	250.2	41.64	229.2	44.25
	-7.0	-7.6	341.4	29.37	328.8	31.71	310.2	35.19	296.1	36.99	282.3	38.79	265.5	40.2	250.2	38.25	229.2	35.64
	-4.0	-4.4	341.4	31.47	328.8	33.81	310.2	37.29	296.1	39.09	282.3	40.89	265.5	38.76	250.2	36.84	229.2	34.32
	0.0	-0.4	341.4	34.05	328.8	36.39	310.2	39.87	296.1	39.63	282.3	39.36	265.5	36.96	250.2	35.13	229.2	32.70
	5.0	4.5	341.4	39.63	328.8	39.63	310.2	39.57	296.1	38.28	282.3	36.96	265.5	34.71	250.2	32.97	229.2	30.66
	10.0	9.0	341.4	41.43	328.8	39.69	310.2	37.05	296.1	35.79	282.3	34.56	265.5	32.43	250.2	30.81	229.2	28.62
	15.0	14.0	341.4	38.64	328.8	37.02	310.2	34.56	296.1	33.36	282.3	32.19	265.5	30.24	250.2	28.71	229.2	26.64
	20.0	19.0	341.4	35.73	328.8	34.23	310.2	31.98	296.1	30.84	282.3	29.73	265.5	27.93	250.2	26.49	229.2	24.57
	25.0	23.0	341.4	32.88	328.8	31.50	310.2	29.43	296.1	28.38	282.3	27.30	265.5	25.68	250.2	24.33	229.2	22.56
	30.0	28.0	341.4	30.03	328.8	28.80	310.2	26.91	296.1	25.89	282.3	24.90	265.5	23.43	250.2	22.17	229.2	20.52
	35.0	32.0	341.4	27.18	328.8	26.07	310.2	24.39	296.1	23.43	282.3	22.50	265.5	21.18	250.2	20.01	229.2	18.48
	40.0	36.0	341.4	24.33	328.8	23.34	310.2	21.84	296.1	20.97	282.3	20.07	265.5	18.93	250.2	17.88	229.2	16.47
	45.0	41.0	341.4	21.60	328.8	20.73	310.2	19.41	296.1	18.57	282.3	17.76	265.5	16.77	250.2	15.81	229.2	14.52
	47.0	43.0	341.4	21.03	328.8	20.19	310.2	18.90	296.1	18.09	**282.3**	**17.28**	265.5	16.32	250.2	15.39	229.2	14.13
	50.0	46.0	341.4	20.25	328.8	19.44	310.2	18.21	296.1	17.43	282.3	16.65	265.5	15.72	250.2	14.82	229.2	13.62
	55.0	51.0	341.4	19.02	328.8	18.24	310.2	17.07	296.1	16.35	282.3	15.63	265.5	14.76	250.2	13.89	229.2	12.78
	60.0	56.0	341.4	17.67	328.8	16.95	310.2	15.87	296.1	15.21	282.3	14.52	265.5	13.71	250.2	12.93	229.2	11.88

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.
Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.
Nominal heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

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CORRECTION FACTORS

Defrost Correction Factor for Heating Operation on page 176
Equivalent Length Calculation on page 176
Elevation Correction Factors on page 177

Note

The correction factors shown below are calculated in the LATS Multi V software program. These factors are only to be used when performing manual calculations.

Defrost Correction Factor for Heating Operation

Capacity tables do not take into consideration capacity reduction when frost has accumulated on the condenser coil, nor during defrost operation. Integrated heating capacity values can be obtained as follows:

Formula: A = B x C

Where: A = Integrated heating capacity
B = Heating capacity value given in table of capacity characteristics
C = Integrated correction factor for frost accumulation

Table 36: Outdoor Unit Frost Accumulation factor (Heating)[1].

Entering DB (°F)	19.4	23.0	26.6	32.0	37.4	41.0	44.6
Derate factor	0.98	0.95	0.93	0.86	0.93	0.96	1.0

[1]At 85% outdoor air relative humidity.

Note

There will be temporary reduction in capacity when snow piles up on the outside surface of the outdoor unit heat exchanger. The level of capacity reduction depends on a number of factors, for example, outdoor temperature (°F DB), relative humidity (RH), and the amount of frost present.

Equivalent Length Calculation for Correction Factors

TEL = (ELM x Correction Factor) + ELB, where
TEL = Total equivalent length
ELM = Equivalent length to first Y-branch
ELB = Equivalent length from first Y-branch to farthest indoor unit
HU = Indoor units above outdoor unit
HL = Indoor units below outdoor unit
Example: ELM = 230'
ELB = 131'
HU = 33'
Outdoor Unit = ARUN072BTE4
Total equivalent length = (230' x 1.0) + 131' = 361'. Cooling capacity correction factor from table below, when HU = 33' would be approx. 0.90.

Figure 14: Equivalent Length.

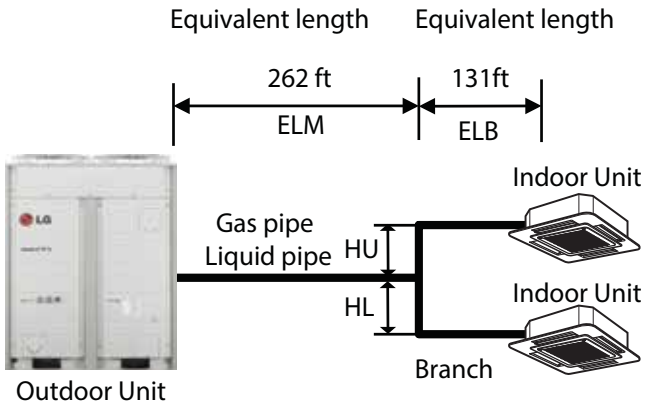

Table 37: Pipe Length Correction Factor.

Correction Factor	Overall Equivalent Pipe Length	
	Standard Application	Overall Equivalent Length 295 feet
ARUN076-504BTE4/DTE4 / ARUB076-504BTE4/DTE4		
Cooling	1.0	0.5

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Elevation Correction Factors

For each outdoor unit, calculate the equivalent length of the liquid line from the outdoor unit to the farthest indoor unit. Also, determine the elevation difference of farthest indoor unit above or below the outdoor unit. Find corresponding cooling capacity correction factor in tables below and on the next page. Multiply the cooling correction factor by standard cooling capacity. The resultant is the NET cooling capacity. Repeat for heating correction factor.

Note

The correction factors shown below are calculated in the LATS Multi V software program. These factors are only to be used when performing manual calculations.

Table 38: Heat Pump (ARUN) and Heat Recovery (ARUB) Cooling Correction Factors (072BTE4 / 072DTE4 to 336BTE4 / 336DTE4).

	Equivalent Length (ELF)[1]																							
Elevation Differences (ft.)	25	33	66	98	131	164	197	230	262	295	328	361	394	427	459	492	525	558	591	623	656	689	738	
HU—Indoor units above heat pump unit (ft.)																								
0	1.0	0.99	0.98	0.96	0.95	0.94	0.93	0.92	0.92	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85	0.84	0.84	0.83	0.83	0.82	
25	0.99	0.99	0.98	0.97	0.95	0.94	0.93	0.93	0.92	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85	0.84	0.84	0.83	0.83	0.82	
33	-	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85	0.84	0.84	0.83	0.83	0.82	
66	-	-	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85	0.84	0.84	0.83	0.83	0.82	
98	-	-	-	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.89	0.88	0.87	0.86	0.86	0.85	0.85	0.84	0.83	0.83	0.82	
131	-	-	-	-	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.86	0.85	0.85	0.84	0.83	0.83	0.82	
164	-	-	-	-	-	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.86	0.85	0.85	0.84	0.83	0.83	0.82	
197	-	-	-	-	-	-	0.94	0.93	0.92	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.86	0.85	0.85	0.84	0.84	0.83	0.82	
230	-	-	-	-	-	-	-	0.93	0.92	0.91	0.90	0.90	0.89	0.88	0.87	0.87	0.86	0.85	0.85	0.84	0.84	0.83	0.82	
262	-	-	-	-	-	-	-	-	0.92	0.91	0.90	0.90	0.89	0.88	0.87	0.87	0.86	0.85	0.85	0.84	0.84	0.83	0.82	
295	-	-	-	-	-	-	-	-	-	0.91	0.90	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85	0.84	0.84	0.83	0.82	
328	-	-	-	-	-	-	-	-	-	-	0.91	0.90	0.89	0.88	0.88	0.88	0.86	0.86	0.85	0.84	0.84	0.83	0.82	
361	-	-	-	-	-	-	-	-	-	-	-	0.90	0.89	0.88	0.88	0.88	0.86	0.86	0.85	0.84	0.84	0.83	0.82	
HL—Indoor units below heat pump unit (ft.)																								
0	1.0	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85	0.84	0.84	0.83	0.82	
25	1.0	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85	0.84	0.84	0.83	0.82	
33	-	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85	0.84	0.84	0.83	0.82	
66	-	-	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85	0.84	0.84	0.83	0.82	
98	-	-	-	0.97	0.96	0.95	0.94	0.93	0.92	0.92	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85	0.85	0.84	0.83	0.83	
131	-	-	-	-	0.96	0.95	0.94	0.93	0.92	0.92	0.91	0.90	0.89	0.89	0.88	0.87	0.86	0.86	0.85	0.85	0.84	0.83	0.83	
164	-	-	-	-	-	0.95	0.94	0.93	0.93	0.92	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.86	0.85	0.85	0.84	0.83	0.83	
197	-	-	-	-	-	-	0.94	0.94	0.93	0.92	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.86	0.85	0.85	0.84	0.84	0.83	
230	-	-	-	-	-	-	-	0.94	0.93	0.92	0.91	0.90	0.90	0.89	0.88	0.87	0.87	0.86	0.85	0.85	0.84	0.84	0.83	
263	-	-	-	-	-	-	-	-	0.93	0.92	0.91	0.90	0.90	0.89	0.88	0.87	0.87	0.86	0.85	0.85	0.84	0.84	0.83	
295	-	-	-	-	-	-	-	-	-	0.92	0.91	0.90	0.90	0.89	0.88	0.87	0.87	0.86	0.86	0.85	0.84	0.84	0.83	
328	-	-	-	-	-	-	-	-	-	-	0.91	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85	0.84	0.84	0.83	
361	-	-	-	-	-	-	-	-	-	-	-	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85	0.84	0.84	0.83	

[1]ELF = Equivalent Pipe Length in Feet—Sum of the actual pipe length plus allocations for pressure drop through elbows, valves, and other fittings in equivalent length.

Note

Heat Pump (ARUN) and Heat Recovery (ARUB) Heating Correction Factor for 072BTE4 / 072DTE4 to 336BTE4 / 336DTE4 models is 1.0 for all equivalent lengths and elevation differences.

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CORRECTION FACTORS

Note

The correction factors shown below are calculated in the LATS Multi V software program. These factors are only to be used when performing manual calculations.

Table 39: Heat Pump (ARUN) and Heat Recovery (ARUB) Cooling Correction Factors (360BTE4 / 360DTE4 to 504BTE4 / 504DTE4).

	Equivalent Length (ELF)[1]																						
Elevation Differences (ft.)	25	33	66	98	131	164	197	230	262	295	328	361	394	427	459	492	525	558	591	623	656	689	738
HU—Indoor units above heat pump unit (ft.)																							
0	1.0	0.99	0.97	0.95	0.94	0.92	0.90	0.89	0.88	0.86	0.85	0.84	0.83	0.82	0.81	0.81	0.80	0.79	0.78	0.77	0.77	0.76	0.75
25	0.99	0.99	0.97	0.95	0.94	0.92	0.91	0.89	0.88	0.87	0.85	0.84	0.83	0.82	0.81	0.81	0.80	0.79	0.78	0.77	0.77	0.76	0.75
33	-	0.99	0.97	0.96	0.94	0.92	0.91	0.89	0.88	0.87	0.85	0.84	0.83	0.82	0.81	0.81	0.80	0.79	0.78	0.77	0.77	0.76	0.75
66	-	-	0.97	0.96	0.94	0.92	0.91	0.89	0.88	0.87	0.86	0.84	0.83	0.82	0.82	0.81	0.80	0.79	0.78	0.78	0.77	0.76	0.75
98	-	-	-	0.96	0.94	0.92	0.91	0.90	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.78	0.77	0.76	0.75
131	-	-	-	-	0.94	0.93	0.91	0.90	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.78	0.77	0.76	0.75
164	-	-	-	-	-	0.93	0.91	0.90	0.88	0.88	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.79	0.78	0.77	0.76	0.75
197	-	-	-	-	-	-	0.91	0.90	0.89	0.88	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.79	0.78	0.77	0.76	0.75
230	-	-	-	-	-	-	-	0.90	0.89	0.88	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.79	0.78	0.77	0.76	0.76
263	-	-	-	-	-	-	-	-	0.89	0.88	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.80	0.79	0.78	0.77	0.77	0.76
295	-	-	-	-	-	-	-	-	-	0.88	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.80	0.80	0.78	0.77	0.77	0.76
328	-	-	-	-	-	-	-	-	-	-	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.80	0.80	0.78	0.77	0.77	0.76
361	-	-	-	-	-	-	-	-	-	-	-	0.85	0.84	0.83	0.82	0.81	0.80	0.80	0.80	0.78	0.77	0.77	0.76
HL—Indoor units below heat pump unit (ft.)																							
0	1.0	0.99	0.97	0.96	0.94	0.93	0.91	0.90	0.89	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.80	0.79	0.78	0.77	0.77	0.76
25	1.0	0.99	0.97	0.96	0.94	0.93	0.91	0.90	0.89	0.88	0.86	0.85	0.84	0.83	0.82	0.81	0.81	0.80	0.79	0.78	0.77	0.77	0.76
33	-	0.99	0.98	0.96	0.94	0.93	0.91	0.90	0.89	0.88	0.86	0.85	0.84	0.83	0.82	0.81	0.81	0.80	0.79	0.78	0.77	0.77	0.76
66	-	-	0.98	0.96	0.94	0.93	0.91	0.90	0.89	0.88	0.87	0.86	0.84	0.83	0.82	0.82	0.81	0.80	0.79	0.78	0.78	0.77	0.76
98	-	-	-	0.96	0.95	0.93	0.92	0.90	0.89	0.88	0.87	0.86	0.84	0.83	0.83	0.82	0.81	0.80	0.79	0.78	0.78	0.77	0.76
131	-	-	-	-	0.95	0.93	0.92	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.78	0.77	0.76
164	-	-	-	-	-	0.93	0.92	0.91	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.78	0.77	0.76
197	-	-	-	-	-	-	0.92	0.91	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.79	0.78	0.77	0.76
230	-	-	-	-	-	-	-	0.91	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.79	0.78	0.77	0.76
263	-	-	-	-	-	-	-	-	0.90	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.79	0.78	0.77	0.76
295	-	-	-	-	-	-	-	-	-	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.80	0.79	0.78	0.77	0.76
328	-	-	-	-	-	-	-	-	-	-	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.80	0.79	0.78	0.76	0.76
361	-	-	-	-	-	-	-	-	-	-	-	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.80	0.79	0.78	0.76	0.76

[1]ELF = Equivalent Pipe Length in Feet—Sum of the actual pipe length plus allocations for pressure drop through elbows, valves, and other fittings in equivalent length.

Note

Heat Pump (ARUN) and Heat Recovery (ARUB) Heating Correction Factor for 360BTE4 / 360DTE4 to 504TE4 / 504DTE4 models is 1.0 for all equivalent lengths and elevation differences.

Due to our policy of continuous product innovation, some specifications may change without notification.
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