



***MULTI V*TM 5**

PERFORMANCE DATA MANUAL 575V

Variable Refrigerant Flow Outdoor Units
6.0 to 42.0 Tons



PROPRIETARY DATA NOTICE

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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.lgvrf.ca

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TABLE OF SYMBOLS

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

PERFORMANCE DATA

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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	65.5	1.37	77.8	1.66	90.4	1.97	93.7	2.13	95.1	2.30	98.4	2.63	100.7	2.72
	-5	65.5	1.45	77.8	1.76	90.4	2.08	93.7	2.25	95.1	2.42	98.4	2.78	100.7	2.87
	0	65.5	1.50	77.8	1.83	90.4	2.17	93.7	2.34	95.1	2.52	98.4	2.89	100.7	2.99
	5	65.5	1.56	77.8	1.89	90.4	2.25	93.7	2.42	95.1	2.61	98.4	3.00	100.7	3.10
	10	65.5	1.60	77.8	1.95	90.4	2.31	93.7	2.49	95.1	2.69	98.4	3.08	100.7	3.19
	14	65.5	1.66	77.8	2.02	90.4	2.39	93.7	2.58	95.1	2.79	98.4	3.20	100.7	3.30
	20	65.5	1.69	77.8	2.05	90.4	2.43	93.7	2.62	95.1	2.83	98.4	3.24	100.7	3.35
	25	65.5	1.71	77.8	2.08	90.4	2.46	93.7	2.66	95.1	2.86	98.4	3.28	100.7	3.39
	30	65.5	1.74	77.8	2.10	90.4	2.49	93.7	2.69	95.1	2.89	98.4	3.31	100.7	3.43
	35	65.5	1.76	77.8	2.13	90.4	2.52	93.7	2.72	95.1	2.93	98.4	3.35	100.7	3.47
	40	65.5	1.78	77.8	2.15	90.4	2.55	93.7	2.75	95.1	2.96	98.4	3.39	100.7	3.51
	45	65.5	1.80	77.8	2.18	90.4	2.58	93.7	2.78	95.1	2.99	98.4	3.43	100.7	3.55
	50	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
	55	65.5	1.85	77.8	2.24	90.4	2.65	92.4	2.87	93.7	3.08	97.0	3.52	99.4	3.61
	60	65.5	1.91	77.8	2.32	89.1	2.76	90.3	2.98	91.4	3.20	94.7	3.63	97.0	3.65
	65	65.5	1.95	77.8	2.37	87.7	2.81	89.1	3.04	90.1	3.26	93.3	3.75	95.7	3.78
	70	65.5	1.87	77.8	2.28	86.1	2.80	87.1	3.08	88.4	3.38	91.6	3.76	94.0	3.79
	75	65.5	1.92	77.8	2.43	84.8	3.00	85.7	3.31	87.1	3.62	90.3	3.93	92.6	3.96
	80	65.5	2.18	77.8	2.76	82.4	3.43	83.4	3.78	84.8	4.16	87.9	4.27	90.3	4.31
	85	65.5	2.32	77.8	2.95	81.1	3.66	82.4	4.04	83.4	4.41	86.6	4.45	89.0	4.49
	90	65.5	2.63	76.4	3.35	78.8	4.16	79.8	4.60	81.1	4.76	84.3	4.80	86.6	4.84
	95	66.2	2.79	75.9	3.57	78.3	4.44	79.6	4.91	80.6	4.93	83.8	4.97	86.2	5.02
	100	66.2	3.02	74.6	3.86	76.9	4.81	78.3	5.16	79.3	5.19	82.8	5.24	85.2	5.29
	105	66.2	3.41	72.6	4.37	74.9	5.43	76.1	5.55	77.2	5.58	79.9	5.63	81.1	5.69
	110	66.2	3.82	69.6	4.92	72.5	5.92	72.7	5.95	73.8	5.97	75.3	6.03	75.6	6.09
	115	65.8	4.42	67.0	5.66	67.0	6.24	67.0	6.24	67.0	6.24	68.0	6.25	68.3	6.26
	118	57.2	3.75	58.3	4.80	58.4	5.25	58.4	5.30	58.4	5.30	59.2	5.31	59.0	5.31
	122	45.7	2.84	46.7	3.65	46.5	4.00	46.6	4.00	46.7	4.01	47.5	4.02	47.5	4.04
120%	-9.9	59.6	1.29	71.1	1.57	82.6	1.85	88.5	2.00	92.5	2.16	96.7	2.47	98.7	2.55
	-5	59.6	1.36	71.1	1.65	82.6	1.96	88.5	2.11	92.5	2.27	96.7	2.61	98.7	2.70
	0	59.6	1.42	71.1	1.72	82.6	2.03	88.5	2.19	92.5	2.37	96.7	2.71	98.7	2.80
	5	59.6	1.47	71.1	1.78	82.6	2.11	88.5	2.27	92.5	2.45	96.7	2.81	98.7	2.91
	10	59.6	1.51	71.1	1.83	82.6	2.17	88.5	2.34	92.5	2.52	96.7	2.89	98.7	2.99
	14	59.6	1.57	71.1	1.90	82.6	2.25	88.5	2.42	92.5	2.61	96.7	3.00	98.7	3.10
	20	59.6	1.59	71.1	1.93	82.6	2.28	88.5	2.46	92.5	2.65	96.7	3.04	98.7	3.14
	25	59.6	1.61	71.1	1.95	82.6	2.31	88.5	2.49	92.5	2.68	96.7	3.07	98.7	3.18
	30	59.6	1.63	71.1	1.97	82.6	2.33	88.5	2.52	92.5	2.71	96.7	3.11	98.7	3.22
	35	59.6	1.65	71.1	2.00	82.6	2.36	88.5	2.56	92.5	2.75	96.7	3.15	98.7	3.26
	40	59.6	1.67	71.1	2.02	82.6	2.39	88.5	2.59	92.5	2.78	96.7	3.19	98.7	3.30
	45	59.6	1.69	71.1	2.05	82.6	2.42	88.5	2.62	92.5	2.81	96.7	3.22	98.7	3.34
	50	59.6	1.71	71.1	2.07	82.6	2.45	88.5	2.65	92.5	2.84	96.7	3.26	98.7	3.37
	55	59.6	1.74	71.1	2.11	82.6	2.49	88.5	2.70	91.5	2.90	95.4	3.32	97.7	3.40
	60	59.6	1.80	71.1	2.18	82.6	2.60	87.9	2.81	88.9	3.01	93.0	3.42	95.0	3.48
	65	59.6	1.83	71.1	2.23	82.6	2.65	86.6	2.86	87.9	3.07	91.7	3.53	94.0	3.56
	70	59.6	1.80	71.1	2.18	82.6	2.69	84.9	2.96	85.9	3.25	90.0	3.61	92.0	3.64
	75	59.6	1.84	71.1	2.33	82.6	2.88	83.6	3.17	84.9	3.48	88.6	3.78	91.0	3.80
	80	59.6	2.09	71.1	2.65	80.3	3.29	81.3	3.63	82.3	3.99	86.3	4.10	88.3	4.14
	85	59.6	2.23	71.1	2.83	79.0	3.52	80.0	3.88	81.3	4.23	84.9	4.27	87.3	4.31
	90	59.6	2.53	71.1	3.22	76.7	3.99	77.7	4.41	78.7	4.57	82.6	4.60	84.6	4.65
	95	60.2	2.68	71.9	3.43	76.2	4.26	77.2	4.71	78.5	4.73	82.1	4.77	84.5	4.82
	100	60.2	2.90	71.9	3.70	74.8	4.62	76.2	4.96	77.2	4.99	81.1	5.03	83.1	5.08
	105	60.2	3.27	70.7	4.19	72.9	5.21	74.0	5.33	75.0	5.36	78.7	5.41	80.0	5.46
	110	60.2	3.67	68.9	4.72	71.1	5.68	71.4	5.71	72.4	5.73	74.7	5.79	75.0	5.84
	115	58.5	4.25	66.4	5.43	66.4	5.99	66.4	5.99	66.4	5.99	68.0	6.00	68.3	6.01
	118	52.3	3.75	57.7	4.60	57.8	5.04	57.8	5.08	57.8	5.08	59.2	5.09	59.0	5.10
	122	41.8	2.84	46.3	3.50	46.1	3.84	46.2	3.84	46.3	3.85	47.6	3.86	47.5	3.88

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 heat recovery system synchronous operating range.
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).

COOLING CAPACITY DATA

MULTI V 5

ARUM072CTE5

72,000 Btu/h 575V Outdoor 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	1.19	65.9	1.43	76.5	1.70	81.8	1.84	87.2	1.97	96.0	2.25	98.1	2.34
	-5	55.2	1.25	65.9	1.51	76.5	1.79	81.8	1.94	87.2	2.08	96.0	2.38	98.1	2.47
	0	55.2	1.30	65.9	1.57	76.5	1.87	81.8	2.02	87.2	2.17	96.0	2.47	98.1	2.57
	5	55.2	1.35	65.9	1.63	76.5	1.93	81.8	2.10	87.2	2.25	96.0	2.56	98.1	2.66
	10	55.2	1.39	65.9	1.68	76.5	1.99	81.8	2.16	87.2	2.31	96.0	2.64	98.1	2.74
	14	55.2	1.44	65.9	1.74	76.5	2.06	81.8	2.24	87.2	2.40	96.0	2.73	98.1	2.83
	20	55.2	1.46	65.9	1.77	76.5	2.09	81.8	2.27	87.2	2.43	96.0	2.78	98.1	2.88
	25	55.2	1.48	65.9	1.79	76.5	2.12	81.8	2.29	87.2	2.46	96.0	2.82	98.1	2.92
	30	55.2	1.50	65.9	1.81	76.5	2.14	81.8	2.32	87.2	2.49	96.0	2.86	98.1	2.95
	35	55.2	1.52	65.9	1.84	76.5	2.17	81.8	2.35	87.2	2.53	96.0	2.90	98.1	3.00
	40	55.2	1.54	65.9	1.87	76.5	2.21	81.8	2.38	87.2	2.56	96.0	2.94	98.1	3.04
	45	55.2	1.57	65.9	1.89	76.5	2.24	81.8	2.42	87.2	2.61	96.0	2.99	98.1	3.09
	50	55.2	1.59	65.9	1.93	76.5	2.28	81.8	2.46	87.2	2.65	96.0	3.04	98.1	3.14
	55	55.2	1.62	65.9	1.96	76.5	2.32	81.8	2.52	87.2	2.70	94.7	3.09	96.7	3.17
	60	55.2	1.67	65.9	2.03	76.5	2.42	81.8	2.61	87.2	2.81	92.3	3.19	94.3	3.21
	65	55.2	1.71	65.9	2.08	76.5	2.46	81.8	2.67	87.2	2.86	90.9	3.29	93.0	3.32
	70	55.2	1.72	65.9	2.09	76.5	2.58	81.8	2.84	85.5	3.11	89.2	3.46	91.3	3.49
	75	55.2	1.77	65.9	2.23	76.5	2.76	81.8	3.04	84.2	3.34	87.9	3.62	89.9	3.65
	80	54.7	2.01	65.2	2.54	75.7	3.16	80.0	3.48	81.0	3.83	84.6	3.93	86.6	3.97
	85	54.7	2.14	65.2	2.72	75.7	3.37	78.7	3.72	79.7	4.06	83.3	4.09	85.3	4.13
	90	54.7	2.42	65.2	3.09	75.4	3.83	76.4	4.23	77.4	4.38	80.9	4.41	83.0	4.46
	95	54.7	2.57	65.2	3.28	74.1	4.09	75.1	4.52	76.1	4.53	79.6	4.58	81.6	4.62
	100	54.7	2.78	65.2	3.55	73.1	4.43	74.1	4.75	75.1	4.78	78.6	4.82	80.6	4.87
	105	54.7	3.13	65.2	4.02	70.8	5.00	71.8	5.11	72.8	5.14	76.3	5.19	78.2	5.24
	110	54.7	3.52	65.2	4.53	68.6	5.45	68.8	5.48	69.8	5.49	72.0	5.55	72.3	5.60
	115	54.7	4.07	65.2	5.21	65.7	5.75	65.7	5.75	66.0	5.75	67.3	5.76	67.6	5.77
	118	52.8	3.71	56.7	4.41	57.2	4.83	57.2	4.87	57.5	4.87	58.6	4.88	58.4	4.89
	122	42.2	2.81	45.5	3.36	45.6	3.68	45.7	3.69	46.0	3.69	47.1	3.70	47.0	3.72
100%	-9.9	48.5	1.05	57.9	1.26	67.2	1.50	72.0	1.63	79.1	1.76	88.7	2.04	93.7	2.12
	-5	48.5	1.10	57.9	1.33	67.2	1.58	72.0	1.72	79.1	1.86	88.7	2.15	93.7	2.24
	0	48.5	1.15	57.9	1.39	67.2	1.64	72.0	1.79	79.1	1.94	88.7	2.23	93.7	2.33
	5	48.5	1.19	57.9	1.44	67.2	1.70	72.0	1.85	79.1	2.01	88.7	2.32	93.7	2.41
	10	48.5	1.22	57.9	1.48	67.2	1.75	72.0	1.91	79.1	2.06	88.7	2.38	93.7	2.48
	14	48.5	1.27	57.9	1.53	67.2	1.81	72.0	1.98	79.1	2.14	88.7	2.47	93.7	2.57
	20	48.5	1.31	57.9	1.58	67.2	1.87	72.0	2.03	79.1	2.21	88.7	2.54	93.7	2.64
	25	48.5	1.34	57.9	1.62	67.2	1.92	72.0	2.08	79.1	2.26	88.7	2.60	93.7	2.70
	30	48.5	1.37	57.9	1.66	67.2	1.97	72.0	2.13	79.1	2.32	88.7	2.66	93.7	2.77
	35	48.5	1.40	57.9	1.69	67.2	2.00	72.0	2.16	79.1	2.36	88.7	2.70	93.7	2.81
	40	48.5	1.42	57.9	1.72	67.2	2.03	72.0	2.20	79.1	2.40	88.7	2.75	93.7	2.86
	45	48.5	1.45	57.9	1.75	67.2	2.07	72.0	2.24	79.1	2.44	88.7	2.80	93.7	2.91
	50	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	2.97
	55	48.5	1.50	57.9	1.82	67.2	2.16	72.0	2.34	79.1	2.55	88.7	2.91	92.7	3.02
	60	48.5	1.55	57.9	1.89	67.2	2.25	72.0	2.43	79.1	2.64	88.4	3.00	90.1	3.07
	65	48.5	1.58	57.9	1.93	67.2	2.29	72.0	2.47	79.1	2.69	87.1	3.10	89.1	3.16
	70	48.5	1.63	57.9	1.98	67.2	2.44	72.0	2.69	79.1	2.99	85.4	3.32	87.1	3.38
	75	48.5	1.67	57.9	2.12	67.2	2.61	72.0	2.88	79.1	3.21	84.1	3.48	86.1	3.52
	80	48.5	1.90	57.9	2.41	67.2	2.99	72.0	3.30	79.1	3.68	81.8	3.78	83.4	3.83
	85	48.5	2.03	57.9	2.57	67.2	3.19	72.0	3.52	78.8	3.90	80.5	3.94	82.4	3.99
	90	48.5	2.30	57.9	2.92	67.2	3.63	72.0	4.01	76.1	4.21	78.1	4.24	79.8	4.31
	95	48.5	2.43	57.9	3.11	67.2	3.87	72.0	4.28	75.2	4.36	76.8	4.40	78.8	4.47
	100	48.5	2.63	57.9	3.36	67.2	4.19	70.7	4.49	73.9	4.59	75.8	4.63	77.5	4.69
	105	48.5	2.95	57.9	3.78	66.8	4.71	68.8	4.82	71.6	4.91	73.5	4.96	75.3	5.02
	110	48.5	3.30	57.9	4.25	66.0	5.11	67.5	5.14	68.9	5.23	70.0	5.28	71.3	5.36
	115	48.5	3.79	57.9	4.85	62.9	5.35	64.8	5.35	66.4	5.43	67.0	5.44	67.3	5.48
	118	48.5	3.83	50.8	4.55	54.7	4.50	56.4	4.54	57.8	4.61	58.4	4.62	58.1	4.65
	122	41.5	3.46	40.7	3.46	43.6	3.42	45.1	3.43	46.3	3.49	46.9	3.50	46.8	3.53

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 heat recovery system synchronous operating range.
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).

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	43.7	0.93	52.1	1.12	60.8	1.32	64.9	1.42	69.1	1.52	77.5	1.75	85.8	1.92
	-5	43.7	0.98	52.1	1.18	60.8	1.39	64.9	1.50	69.1	1.60	77.5	1.84	85.8	2.03
	0	43.7	1.02	52.1	1.23	60.8	1.45	64.9	1.56	69.1	1.67	77.5	1.92	85.8	2.11
	5	43.7	1.06	52.1	1.27	60.8	1.50	64.9	1.62	69.1	1.73	77.5	1.99	85.8	2.18
	10	43.7	1.09	52.1	1.31	60.8	1.55	64.9	1.66	69.1	1.78	77.5	2.05	85.8	2.25
	14	43.7	1.13	52.1	1.36	60.8	1.60	64.9	1.72	69.1	1.84	77.5	2.12	85.8	2.33
	20	43.7	1.17	52.1	1.41	60.8	1.66	64.9	1.79	69.1	1.92	77.5	2.20	85.8	2.42
	25	43.7	1.21	52.1	1.45	60.8	1.71	64.9	1.84	69.1	1.98	77.5	2.26	85.8	2.49
	30	43.7	1.24	52.1	1.49	60.8	1.76	64.9	1.90	69.1	2.05	77.5	2.32	85.8	2.57
	35	43.7	1.28	52.1	1.54	60.8	1.81	64.9	1.96	69.1	2.11	77.5	2.39	85.8	2.65
	40	43.7	1.32	52.1	1.59	60.8	1.87	64.9	2.02	69.1	2.17	77.5	2.46	85.8	2.72
	45	43.7	1.35	52.1	1.62	60.8	1.91	64.9	2.06	69.1	2.22	77.5	2.52	85.8	2.79
	50	43.7	1.38	52.1	1.66	60.8	1.96	64.9	2.11	69.1	2.27	77.5	2.58	85.8	2.85
	55	43.7	1.39	52.1	1.68	60.8	1.99	64.9	2.15	69.1	2.31	77.5	2.63	85.8	2.87
	60	43.7	1.45	52.1	1.75	60.8	2.07	64.9	2.24	69.1	2.41	77.5	2.73	85.1	2.91
	65	43.7	1.47	52.1	1.79	60.8	2.11	64.9	2.28	69.1	2.45	77.5	2.78	84.5	3.05
	70	43.7	1.51	52.1	1.84	60.8	2.19	64.9	2.41	69.1	2.63	77.5	3.10	82.9	3.28
	75	43.7	1.54	52.1	1.92	60.8	2.34	64.9	2.58	69.1	2.82	77.5	3.24	81.6	3.42
	80	43.7	1.73	52.1	2.18	60.8	2.67	64.9	2.94	69.1	3.22	77.5	3.58	79.4	3.72
	85	43.7	1.84	52.1	2.32	60.8	2.86	64.9	3.14	69.1	3.44	76.5	3.77	78.1	3.88
	90	43.7	2.07	52.1	2.63	60.8	3.24	64.9	3.57	69.1	3.92	74.3	4.12	75.9	4.18
	95	43.7	2.21	52.1	2.79	60.8	3.45	64.9	3.81	69.1	4.18	73.0	4.28	74.6	4.34
	100	43.7	2.28	52.1	2.91	60.8	3.60	64.9	3.96	69.1	4.28	72.0	4.46	73.3	4.51
	105	43.7	2.65	52.1	3.37	60.8	4.07	64.9	4.34	68.3	4.58	69.8	4.79	70.7	4.84
	110	43.7	3.04	52.1	3.89	60.8	4.46	64.9	4.68	65.6	4.97	66.4	5.14	67.0	5.20
	115	43.7	3.29	52.1	4.22	56.9	4.70	61.6	4.90	62.4	5.13	63.0	5.24	63.3	5.31
	118	43.7	3.49	50.8	4.55	49.5	3.95	53.6	4.16	54.4	4.35	54.9	4.45	54.6	4.50
	122	41.5	3.46	40.7	3.46	39.5	3.01	42.8	3.14	43.5	3.30	44.1	3.37	44.0	3.42
80%	-9.9	38.9	0.81	46.3	0.97	54.0	1.13	57.5	1.23	61.4	1.32	68.8	1.51	76.2	1.68
	-5	38.9	0.85	46.3	1.03	54.0	1.19	57.5	1.30	61.4	1.40	68.8	1.60	76.2	1.78
	0	38.9	0.89	46.3	1.07	54.0	1.24	57.5	1.35	61.4	1.45	68.8	1.66	76.2	1.85
	5	38.9	0.92	46.3	1.11	54.0	1.29	57.5	1.40	61.4	1.51	68.8	1.72	76.2	1.92
	10	38.9	0.95	46.3	1.14	54.0	1.32	57.5	1.44	61.4	1.55	68.8	1.77	76.2	1.97
	14	38.9	0.98	46.3	1.18	54.0	1.37	57.5	1.49	61.4	1.61	68.8	1.83	76.2	2.04
	20	38.9	1.02	46.3	1.22	54.0	1.43	57.5	1.55	61.4	1.66	68.8	1.90	76.2	2.12
	25	38.9	1.05	46.3	1.26	54.0	1.47	57.5	1.59	61.4	1.71	68.8	1.96	76.2	2.19
	30	38.9	1.08	46.3	1.29	54.0	1.52	57.5	1.64	61.4	1.75	68.8	2.01	76.2	2.25
	35	38.9	1.11	46.3	1.33	54.0	1.56	57.5	1.68	61.4	1.80	68.8	2.07	76.2	2.32
	40	38.9	1.14	46.3	1.37	54.0	1.60	57.5	1.73	61.4	1.85	68.8	2.12	76.2	2.38
	45	38.9	1.16	46.3	1.38	54.0	1.63	57.5	1.75	61.4	1.87	68.8	2.15	76.2	2.41
	50	38.9	1.17	46.3	1.40	54.0	1.65	57.5	1.78	61.4	1.90	68.8	2.18	76.2	2.44
	55	38.9	1.19	46.3	1.43	54.0	1.68	57.5	1.81	61.4	1.94	68.8	2.22	76.2	2.48
	60	38.9	1.23	46.3	1.47	54.0	1.74	57.5	1.87	61.4	2.02	68.8	2.30	76.2	2.59
	65	38.9	1.25	46.3	1.50	54.0	1.77	57.5	1.91	61.4	2.06	68.8	2.34	76.2	2.65
	70	38.9	1.28	46.3	1.55	54.0	1.82	57.5	1.97	61.4	2.14	68.8	2.53	76.2	2.92
	75	38.9	1.31	46.3	1.58	54.0	1.91	57.5	2.10	61.4	2.28	68.8	2.69	76.2	3.08
	80	38.9	1.43	46.3	1.79	54.0	2.18	57.5	2.38	61.4	2.60	68.8	3.09	76.2	3.45
	85	38.9	1.53	46.3	1.90	54.0	2.32	57.5	2.54	61.4	2.79	68.8	3.29	76.2	3.53
	90	38.9	1.72	46.3	2.16	54.0	2.63	57.5	2.89	61.4	3.17	68.8	3.62	74.9	3.75
	95	38.9	1.82	46.3	2.28	54.0	2.81	57.5	3.07	61.4	3.37	68.8	3.75	73.3	3.85
	100	38.9	1.97	46.3	2.46	54.0	3.03	57.5	3.29	61.4	3.50	68.8	3.90	71.7	3.97
	105	38.9	2.24	46.3	2.82	54.0	3.37	57.5	3.53	61.4	3.76	68.0	4.05	69.6	4.17
	110	38.9	2.54	46.3	3.21	54.0	3.57	57.5	3.77	61.4	4.05	65.6	4.20	65.9	4.38
	115	38.9	2.72	46.3	3.43	54.0	3.69	57.5	3.96	57.5	4.14	57.9	4.30	57.9	4.56
	118	38.9	2.89	46.3	3.65	49.5	3.95	50.5	3.76	50.1	3.52	50.4	3.65	50.0	3.87
	122	38.9	3.12	40.8	3.44	39.5	3.01	40.4	2.84	40.1	2.66	40.5	2.76	40.2	2.94

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 heat recovery system synchronous operating range.
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).

COOLING CAPACITY DATA

MULTI V 5

ARUM072CTE5

72,000 Btu/h 575V Outdoor Units

MULTI V 5 Outdoor Unit Performance Data Manual

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
70%		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
	-9.9	34.1	0.71	40.5	0.85	47.3	1.00	50.5	1.07	53.7	1.14	60.1	1.30	66.9	1.46
	-5	34.1	0.75	40.5	0.89	47.3	1.05	50.5	1.13	53.7	1.20	60.1	1.38	66.9	1.54
	0	34.1	0.78	40.5	0.93	47.3	1.10	50.5	1.17	53.7	1.25	60.1	1.43	66.9	1.60
	5	34.1	0.81	40.5	0.96	47.3	1.14	50.5	1.22	53.7	1.30	60.1	1.48	66.9	1.66
	10	34.1	0.84	40.5	0.99	47.3	1.17	50.5	1.25	53.7	1.33	60.1	1.53	66.9	1.71
	14	34.1	0.87	40.5	1.03	47.3	1.21	50.5	1.30	53.7	1.38	60.1	1.58	66.9	1.77
	20	34.1	0.90	40.5	1.06	47.3	1.25	50.5	1.34	53.7	1.43	60.1	1.63	66.9	1.83
	25	34.1	0.92	40.5	1.09	47.3	1.28	50.5	1.37	53.7	1.47	60.1	1.67	66.9	1.88
	30	34.1	0.95	40.5	1.12	47.3	1.31	50.5	1.41	53.7	1.51	60.1	1.72	66.9	1.93
	35	34.1	0.97	40.5	1.15	47.3	1.35	50.5	1.45	53.7	1.55	60.1	1.76	66.9	1.98
	40	34.1	1.00	40.5	1.18	47.3	1.38	50.5	1.48	53.7	1.59	60.1	1.81	66.9	2.03
	45	34.1	1.01	40.5	1.20	47.3	1.40	50.5	1.51	53.7	1.61	60.1	1.84	66.9	2.06
	50	34.1	1.03	40.5	1.22	47.3	1.43	50.5	1.53	53.7	1.64	60.1	1.87	66.9	2.10
	55	34.1	1.05	40.5	1.24	47.3	1.45	50.5	1.56	53.7	1.67	60.1	1.90	66.9	2.14
	60	34.1	1.08	40.5	1.28	47.3	1.50	50.5	1.62	53.7	1.73	60.1	1.97	66.9	2.22
	65	34.1	1.09	40.5	1.31	47.3	1.53	50.5	1.65	53.7	1.77	60.1	2.01	66.9	2.26
	70	34.1	1.12	40.5	1.34	47.3	1.58	50.5	1.69	53.7	1.82	60.1	2.08	66.9	2.40
	75	34.1	1.14	40.5	1.37	47.3	1.61	50.5	1.75	53.7	1.90	60.1	2.22	66.9	2.54
	80	34.1	1.23	40.5	1.51	47.3	1.82	50.5	1.99	53.7	2.16	60.1	2.46	66.9	2.82
	85	34.1	1.31	40.5	1.61	47.3	1.94	50.5	2.12	53.7	2.32	60.1	2.62	66.9	2.94
	90	34.1	1.47	40.5	1.81	47.3	2.20	50.5	2.40	53.7	2.63	60.1	2.92	66.9	3.19
	95	34.1	1.55	40.5	1.93	47.3	2.34	50.5	2.56	53.7	2.79	60.1	3.07	66.9	3.29
	100	34.1	1.68	40.5	2.08	47.3	2.53	50.5	2.76	53.7	2.87	60.1	3.21	66.9	3.38
	105	34.1	1.90	40.5	2.37	47.3	2.79	50.5	2.95	53.7	3.12	60.1	3.39	66.9	3.58
	110	34.1	2.14	40.5	2.69	47.3	2.95	50.5	3.13	53.7	3.38	60.1	3.53	64.9	3.85
	115	34.1	2.30	40.5	2.87	47.3	3.05	50.5	3.31	53.7	3.48	60.1	3.63	61.2	4.10
	118	34.1	2.44	40.5	3.04	47.3	3.24	50.5	3.50	48.8	3.48	50.4	3.08	50.0	3.48
	122	34.1	2.64	40.5	3.30	42.2	3.09	40.3	2.88	39.1	2.64	40.5	2.34	40.2	2.64
60%		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	-9.9	29.3	0.62	34.7	0.72	40.5	0.84	43.1	0.90	46.0	0.97	51.8	1.10	57.2	1.23
	-5	29.3	0.65	34.7	0.76	40.5	0.89	43.1	0.95	46.0	1.02	51.8	1.16	57.2	1.30
	0	29.3	0.68	34.7	0.79	40.5	0.93	43.1	0.99	46.0	1.06	51.8	1.21	57.2	1.35
	5	29.3	0.70	34.7	0.82	40.5	0.96	43.1	1.02	46.0	1.10	51.8	1.25	57.2	1.40
	10	29.3	0.72	34.7	0.84	40.5	0.99	43.1	1.05	46.0	1.14	51.8	1.29	57.2	1.44
	14	29.3	0.75	34.7	0.87	40.5	1.02	43.1	1.09	46.0	1.18	51.8	1.33	57.2	1.49
	20	29.3	0.77	34.7	0.90	40.5	1.06	43.1	1.13	46.0	1.21	51.8	1.38	57.2	1.54
	25	29.3	0.79	34.7	0.93	40.5	1.08	43.1	1.16	46.0	1.25	51.8	1.41	57.2	1.58
	30	29.3	0.81	34.7	0.95	40.5	1.11	43.1	1.19	46.0	1.28	51.8	1.45	57.2	1.63
	35	29.3	0.83	34.7	0.98	40.5	1.14	43.1	1.22	46.0	1.31	51.8	1.49	57.2	1.67
	40	29.3	0.85	34.7	1.01	40.5	1.17	43.1	1.26	46.0	1.34	51.8	1.53	57.2	1.71
	45	29.3	0.86	34.7	1.01	40.5	1.18	43.1	1.27	46.0	1.36	51.8	1.54	57.2	1.72
	50	29.3	0.87	34.7	1.02	40.5	1.19	43.1	1.28	46.0	1.37	51.8	1.55	57.2	1.74
	55	29.3	0.88	34.7	1.04	40.5	1.21	43.1	1.30	46.0	1.39	51.8	1.58	57.2	1.77
	60	29.3	0.91	34.7	1.08	40.5	1.25	43.1	1.35	46.0	1.44	51.8	1.63	57.2	1.84
	65	29.3	0.92	34.7	1.09	40.5	1.28	43.1	1.37	46.0	1.47	51.8	1.67	57.2	1.88
	70	29.3	0.95	34.7	1.12	40.5	1.31	43.1	1.41	46.0	1.51	51.8	1.72	57.2	1.95
	75	29.3	0.96	34.7	1.14	40.5	1.34	43.1	1.44	46.0	1.56	51.8	1.82	57.2	2.08
	80	29.3	1.02	34.7	1.25	40.5	1.50	43.1	1.63	46.0	1.77	51.8	2.04	57.2	2.35
	85	29.3	1.09	34.7	1.33	40.5	1.59	43.1	1.74	46.0	1.90	51.8	2.15	57.2	2.42
	90	29.3	1.22	34.7	1.50	40.5	1.80	43.1	1.97	46.0	2.13	51.8	2.40	57.2	2.64
	95	29.3	1.29	34.7	1.59	40.5	1.91	43.1	2.10	46.0	2.26	51.8	2.51	57.2	2.78
	100	29.3	1.39	34.7	1.71	40.5	2.06	43.1	2.26	46.0	2.36	51.8	2.66	57.2	2.90
	105	29.3	1.58	34.7	1.94	40.5	2.28	43.1	2.41	46.0	2.56	51.8	2.82	57.2	3.16
	110	29.3	1.77	34.7	2.21	40.5	2.46	43.1	2.56	46.0	2.77	51.8	3.02	57.2	3.45
	115	29.3	1.90	34.7	2.35	40.5	2.55	43.1	2.70	46.0	2.87	51.8	3.19	57.2	3.69
	118	29.3	2.01	34.7	2.50	40.5	2.71	43.1	2.87	46.0	3.05	50.4	3.08	50.0	3.48
	122	29.3	2.16	34.7	2.70	40.5	2.94	40.2	2.91	38.9	2.70	40.5	2.34	40.2	2.64

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 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).

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	0.53	28.9	0.63	33.8	0.70	36.0	0.75	38.3	0.81	43.1	0.90	47.6	1.00
	-5	24.3	0.56	28.9	0.66	33.8	0.74	36.0	0.80	38.3	0.86	43.1	0.95	47.6	1.05
	0	24.3	0.58	28.9	0.69	33.8	0.77	36.0	0.83	38.3	0.89	43.1	0.99	47.6	1.10
	5	24.3	0.60	28.9	0.71	33.8	0.80	36.0	0.86	38.3	0.92	43.1	1.03	47.6	1.14
	10	24.3	0.62	28.9	0.73	33.8	0.82	36.0	0.88	38.3	0.95	43.1	1.06	47.6	1.17
	14	24.3	0.64	28.9	0.76	33.8	0.85	36.0	0.92	38.3	0.99	43.1	1.09	47.6	1.21
	20	24.3	0.67	28.9	0.78	33.8	0.88	36.0	0.95	38.3	1.02	43.1	1.13	47.6	1.26
	25	24.3	0.69	28.9	0.80	33.8	0.91	36.0	0.98	38.3	1.04	43.1	1.17	47.6	1.30
	30	24.3	0.71	28.9	0.82	33.8	0.94	36.0	1.00	38.3	1.07	43.1	1.20	47.6	1.34
	35	24.3	0.73	28.9	0.84	33.8	0.97	36.0	1.03	38.3	1.10	43.1	1.23	47.6	1.37
	40	24.3	0.75	28.9	0.87	33.8	0.99	36.0	1.06	38.3	1.13	43.1	1.26	47.6	1.41
	45	24.3	0.76	28.9	0.88	33.8	1.01	36.0	1.07	38.3	1.14	43.1	1.28	47.6	1.43
	50	24.3	0.77	28.9	0.89	33.8	1.02	36.0	1.09	38.3	1.16	43.1	1.30	47.6	1.45
	55	24.3	0.78	28.9	0.91	33.8	1.04	36.0	1.10	38.3	1.18	43.1	1.32	47.6	1.47
	60	24.3	0.80	28.9	0.93	33.8	1.07	36.0	1.14	38.3	1.22	43.1	1.36	47.6	1.53
	65	24.3	0.81	28.9	0.95	33.8	1.09	36.0	1.16	38.3	1.23	43.1	1.39	47.6	1.55
	70	24.3	0.83	28.9	0.96	33.8	1.11	36.0	1.19	38.3	1.27	43.1	1.43	47.6	1.60
	75	24.3	0.84	28.9	0.98	33.8	1.14	36.0	1.21	38.3	1.29	43.1	1.45	47.6	1.63
	80	24.3	0.87	28.9	1.04	33.8	1.22	36.0	1.32	38.3	1.41	43.1	1.63	47.6	1.85
	85	24.3	0.92	28.9	1.09	33.8	1.29	36.0	1.40	38.3	1.50	43.1	1.73	47.6	1.98
	90	24.3	1.03	28.9	1.23	33.8	1.45	36.0	1.57	38.3	1.69	43.1	1.95	47.6	2.24
	95	24.3	1.09	28.9	1.30	33.8	1.54	36.0	1.67	38.3	1.80	43.1	2.07	47.6	2.38
	100	24.3	1.14	28.9	1.37	33.8	1.63	36.0	1.76	38.3	1.90	43.1	2.21	47.6	2.52
	105	24.3	1.25	28.9	1.52	33.8	1.80	36.0	1.95	38.3	2.11	43.1	2.44	47.6	2.81
	110	24.3	1.38	28.9	1.67	33.8	1.99	36.0	2.16	38.3	2.34	43.1	2.73	47.6	3.14
	115	24.3	1.48	28.9	1.80	33.8	2.14	36.0	2.33	38.3	2.52	43.1	2.94	47.6	3.38
	118	24.3	1.60	28.9	1.95	33.8	2.33	36.0	2.53	38.3	2.75	43.1	3.08	47.6	3.48
	122	24.3	1.76	28.9	2.15	33.8	2.57	36.0	2.81	38.3	2.70	40.5	2.34	40.2	2.64

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 heat recovery system synchronous operating range.

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).

COOLING CAPACITY DATA



ARUM096CTE5

96,000 Btu/h 575V Outdoor Units

MULTI V 5 Outdoor Unit Performance Data Manual

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	87.3	1.71	103.7	2.07	120.5	2.46	125.0	2.65	126.7	2.86	131.1	3.28	134.3	3.39
	-5	87.3	1.80	103.7	2.19	120.5	2.59	125.0	2.80	126.7	3.02	131.1	3.46	134.3	3.58
	0	87.3	1.87	103.7	2.27	120.5	2.70	125.0	2.91	126.7	3.14	131.1	3.60	134.3	3.72
	5	87.3	1.94	103.7	2.36	120.5	2.80	125.0	3.02	126.7	3.26	131.1	3.73	134.3	3.86
	10	87.3	2.00	103.7	2.42	120.5	2.88	125.0	3.10	126.7	3.35	131.1	3.84	134.3	3.97
	14	87.3	2.07	103.7	2.51	120.5	2.98	125.0	3.22	126.7	3.47	131.1	3.98	134.3	4.11
	20	87.3	2.11	103.7	2.55	120.5	3.03	125.0	3.27	126.7	3.52	131.1	4.03	134.3	4.17
	25	87.3	2.14	103.7	2.59	120.5	3.06	125.0	3.31	126.7	3.56	131.1	4.08	134.3	4.22
	30	87.3	2.16	103.7	2.62	120.5	3.10	125.0	3.35	126.7	3.60	131.1	4.13	134.3	4.27
	35	87.3	2.19	103.7	2.65	120.5	3.13	125.0	3.39	126.7	3.64	131.1	4.17	134.3	4.32
	40	87.3	2.22	103.7	2.68	120.5	3.17	125.0	3.43	126.7	3.69	131.1	4.22	134.3	4.37
	45	87.3	2.24	103.7	2.71	120.5	3.21	125.0	3.46	126.7	3.72	131.1	4.27	134.3	4.42
	50	87.3	2.26	103.7	2.74	120.5	3.24	125.0	3.50	126.7	3.76	131.1	4.31	134.3	4.46
	55	87.3	2.30	103.7	2.79	120.5	3.30	123.2	3.57	125.0	3.84	129.3	4.39	132.5	4.49
	60	87.3	2.37	103.7	2.89	118.8	3.44	120.5	3.71	121.9	3.99	126.2	4.52	129.3	4.54
	65	87.3	2.42	103.7	2.95	117.0	3.50	118.8	3.79	120.1	4.06	124.4	4.67	127.6	4.71
	70	87.3	2.33	103.7	2.83	114.8	3.49	116.1	3.84	117.9	4.21	122.2	4.68	125.3	4.72
	75	87.3	2.39	103.7	3.02	113.0	3.73	114.3	4.12	116.1	4.51	120.4	4.90	123.5	4.93
	80	87.3	2.72	103.7	3.44	109.9	4.27	111.2	4.71	113.0	5.18	117.3	5.32	120.4	5.36
	85	87.3	2.89	103.7	3.67	108.1	4.56	109.9	5.03	111.2	5.49	115.5	5.54	118.6	5.59
	90	87.3	3.28	101.9	4.18	105.0	5.18	106.4	5.73	108.1	5.92	112.3	5.97	115.5	6.03
	95	88.2	3.48	101.2	4.44	104.4	5.53	106.1	6.11	107.5	6.13	111.7	6.19	114.9	6.25
	100	88.2	3.76	99.4	4.81	102.6	5.99	104.4	6.43	105.7	6.47	110.4	6.53	113.5	6.59
	105	88.2	4.24	96.8	5.44	99.9	6.76	101.4	6.92	103.0	6.95	106.5	7.02	108.1	7.08
	110	88.2	4.76	92.7	6.13	96.6	7.37	96.9	7.41	98.4	7.43	100.4	7.51	100.8	7.58
	115	87.8	5.51	89.4	7.05	89.4	7.77	89.4	7.77	89.4	7.77	90.7	7.79	91.1	7.80
	118	76.3	4.67	77.7	5.97	77.8	6.54	77.8	6.59	77.8	6.59	78.9	6.61	78.6	6.62
	122	61.0	3.54	62.3	4.54	62.0	4.98	62.2	4.99	62.3	4.99	63.4	5.01	63.3	5.03
120%	-9.9	79.4	1.61	94.8	1.95	110.2	2.31	118.1	2.49	123.3	2.68	128.9	3.08	131.6	3.18
	-5	79.4	1.70	94.8	2.06	110.2	2.44	118.1	2.63	123.3	2.83	128.9	3.25	131.6	3.36
	0	79.4	1.77	94.8	2.14	110.2	2.53	118.1	2.73	123.3	2.95	128.9	3.38	131.6	3.49
	5	79.4	1.83	94.8	2.22	110.2	2.63	118.1	2.83	123.3	3.05	128.9	3.50	131.6	3.62
	10	79.4	1.88	94.8	2.28	110.2	2.70	118.1	2.91	123.3	3.14	128.9	3.60	131.6	3.72
	14	79.4	1.95	94.8	2.36	110.2	2.80	118.1	3.02	123.3	3.26	128.9	3.73	131.6	3.86
	20	79.4	1.98	94.8	2.40	110.2	2.84	118.1	3.07	123.3	3.30	128.9	3.79	131.6	3.91
	25	79.4	2.01	94.8	2.43	110.2	2.87	118.1	3.10	123.3	3.34	128.9	3.83	131.6	3.96
	30	79.4	2.03	94.8	2.46	110.2	2.91	118.1	3.14	123.3	3.38	128.9	3.87	131.6	4.01
	35	79.4	2.06	94.8	2.49	110.2	2.94	118.1	3.18	123.3	3.42	128.9	3.92	131.6	4.06
	40	79.4	2.08	94.8	2.52	110.2	2.98	118.1	3.22	123.3	3.46	128.9	3.97	131.6	4.11
	45	79.4	2.11	94.8	2.55	110.2	3.01	118.1	3.26	123.3	3.50	128.9	4.01	131.6	4.16
	50	79.4	2.13	94.8	2.58	110.2	3.05	118.1	3.29	123.3	3.54	128.9	4.06	131.6	4.20
	55	79.4	2.17	94.8	2.62	110.2	3.11	118.1	3.37	122.0	3.61	127.1	4.13	130.3	4.23
	60	79.4	2.24	94.8	2.72	110.2	3.24	117.2	3.49	118.5	3.75	124.0	4.26	126.7	4.33
	65	79.4	2.28	94.8	2.78	110.2	3.29	115.4	3.57	117.2	3.82	122.2	4.40	125.3	4.44
	70	79.4	2.24	94.8	2.72	110.2	3.35	113.2	3.68	114.6	4.04	120.0	4.49	122.7	4.53
	75	79.4	2.30	94.8	2.90	110.2	3.58	111.5	3.95	113.2	4.33	118.2	4.70	121.3	4.74
	80	79.4	2.61	94.8	3.30	107.1	4.10	108.4	4.52	109.7	4.97	115.1	5.11	117.7	5.15
	85	79.4	2.78	94.8	3.53	105.3	4.38	106.7	4.83	108.4	5.27	113.3	5.32	116.4	5.36
	90	79.4	3.15	94.8	4.01	102.3	4.97	103.6	5.50	104.9	5.69	110.1	5.73	112.8	5.79
	95	80.3	3.34	95.8	4.27	101.6	5.31	102.9	5.87	104.7	5.89	109.5	5.95	112.6	6.00
	100	80.3	3.61	95.8	4.61	99.8	5.75	101.6	6.17	102.9	6.21	108.1	6.27	110.8	6.32
	105	80.3	4.07	94.3	5.22	97.1	6.49	98.7	6.64	100.0	6.68	105.0	6.73	106.7	6.80
	110	80.3	4.57	91.9	5.88	94.9	7.08	95.1	7.11	96.6	7.14	99.6	7.21	99.9	7.28
	115	78.1	5.29	88.5	6.77	88.5	7.46	88.5	7.46	88.5	7.46	90.7	7.47	91.1	7.49
	118	69.7	4.67	77.0	5.73	77.1	6.27	77.1	6.33	77.1	6.33	79.0	6.34	78.6	6.35
	122	55.7	3.54	61.7	4.36	61.4	4.78	61.6	4.79	61.7	4.79	63.4	4.81	63.3	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 heat recovery system synchronous operating range.
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).

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	73.6	1.48	87.8	1.79	102.0	2.12	109.1	2.30	116.2	2.46	128.0	2.81	130.7	2.91
	-5	73.6	1.56	87.8	1.88	102.0	2.23	109.1	2.42	116.2	2.59	128.0	2.96	130.7	3.07
	0	73.6	1.63	87.8	1.96	102.0	2.32	109.1	2.52	116.2	2.70	128.0	3.08	130.7	3.19
	5	73.6	1.68	87.8	2.03	102.0	2.41	109.1	2.61	116.2	2.80	128.0	3.19	130.7	3.31
	10	73.6	1.73	87.8	2.09	102.0	2.48	109.1	2.69	116.2	2.88	128.0	3.28	130.7	3.41
	14	73.6	1.80	87.8	2.17	102.0	2.57	109.1	2.78	116.2	2.98	128.0	3.40	130.7	3.53
	20	73.6	1.82	87.8	2.20	102.0	2.61	109.1	2.82	116.2	3.03	128.0	3.46	130.7	3.58
	25	73.6	1.84	87.8	2.23	102.0	2.64	109.1	2.85	116.2	3.07	128.0	3.51	130.7	3.63
	30	73.6	1.87	87.8	2.26	102.0	2.67	109.1	2.89	116.2	3.10	128.0	3.56	130.7	3.68
	35	73.6	1.89	87.8	2.29	102.0	2.71	109.1	2.93	116.2	3.15	128.0	3.61	130.7	3.74
	40	73.6	1.92	87.8	2.32	102.0	2.75	109.1	2.97	116.2	3.19	128.0	3.66	130.7	3.78
	45	73.6	1.95	87.8	2.36	102.0	2.79	109.1	3.02	116.2	3.25	128.0	3.72	130.7	3.85
	50	73.6	1.98	87.8	2.40	102.0	2.84	109.1	3.07	116.2	3.30	128.0	3.78	130.7	3.91
	55	73.6	2.02	87.8	2.44	102.0	2.89	109.1	3.13	116.2	3.36	126.2	3.85	128.9	3.94
	60	73.6	2.08	87.8	2.53	102.0	3.01	109.1	3.25	116.2	3.50	123.1	3.97	125.8	4.00
	65	73.6	2.13	87.8	2.59	102.0	3.07	109.1	3.32	116.2	3.56	121.2	4.10	124.0	4.13
	70	73.6	2.15	87.8	2.61	102.0	3.21	109.1	3.53	114.0	3.88	119.0	4.31	121.7	4.35
	75	73.6	2.20	87.8	2.78	102.0	3.44	109.1	3.79	112.2	4.15	117.2	4.51	119.9	4.54
	80	72.9	2.50	86.9	3.17	101.0	3.93	106.7	4.34	108.0	4.77	112.8	4.90	115.5	4.94
	85	72.9	2.66	86.9	3.38	101.0	4.20	104.9	4.63	106.2	5.06	111.0	5.10	113.7	5.14
	90	72.9	3.02	86.9	3.84	100.5	4.77	101.8	5.27	103.2	5.45	107.9	5.50	110.6	5.55
	95	72.9	3.20	86.9	4.09	98.8	5.09	100.1	5.63	101.4	5.65	106.1	5.70	108.8	5.75
	100	72.9	3.46	86.9	4.42	97.5	5.52	98.8	5.92	100.1	5.95	104.8	6.01	107.5	6.06
	105	72.9	3.90	86.9	5.00	94.4	6.22	95.7	6.37	97.0	6.40	101.7	6.46	104.3	6.52
	110	72.9	4.38	86.9	5.64	91.5	6.79	91.8	6.82	93.1	6.84	96.0	6.91	96.4	6.98
	115	72.9	5.07	86.9	6.49	87.6	7.15	87.6	7.15	88.0	7.15	89.8	7.17	90.2	7.18
	118	70.4	4.62	75.6	5.50	76.3	6.02	76.3	6.07	76.6	6.07	78.2	6.08	77.8	6.09
	122	56.3	3.51	60.6	4.18	60.8	4.58	60.9	4.59	61.4	4.60	62.8	4.61	62.6	4.63
100%	-9.9	64.7	1.30	77.1	1.57	89.6	1.86	96.0	2.03	105.5	2.20	118.3	2.53	124.9	2.64
	-5	64.7	1.37	77.1	1.66	89.6	1.97	96.0	2.14	105.5	2.32	118.3	2.67	124.9	2.78
	0	64.7	1.43	77.1	1.73	89.6	2.04	96.0	2.23	105.5	2.41	118.3	2.78	124.9	2.90
	5	64.7	1.48	77.1	1.79	89.6	2.12	96.0	2.31	105.5	2.50	118.3	2.88	124.9	3.00
	10	64.7	1.52	77.1	1.84	89.6	2.18	96.0	2.38	105.5	2.57	118.3	2.97	124.9	3.09
	14	64.7	1.58	77.1	1.91	89.6	2.26	96.0	2.46	105.5	2.66	118.3	3.07	124.9	3.20
	20	64.7	1.63	77.1	1.97	89.6	2.33	96.0	2.53	105.5	2.75	118.3	3.16	124.9	3.29
	25	64.7	1.67	77.1	2.02	89.6	2.39	96.0	2.59	105.5	2.82	118.3	3.24	124.9	3.37
	30	64.7	1.71	77.1	2.07	89.6	2.45	96.0	2.65	105.5	2.89	118.3	3.31	124.9	3.44
	35	64.7	1.74	77.1	2.11	89.6	2.49	96.0	2.69	105.5	2.94	118.3	3.37	124.9	3.50
	40	64.7	1.77	77.1	2.14	89.6	2.53	96.0	2.73	105.5	2.98	118.3	3.42	124.9	3.56
	45	64.7	1.81	77.1	2.19	89.6	2.58	96.0	2.79	105.5	3.04	118.3	3.49	124.9	3.63
	50	64.7	1.84	77.1	2.23	89.6	2.63	96.0	2.85	105.5	3.11	118.3	3.56	124.9	3.70
	55	64.7	1.87	77.1	2.27	89.6	2.69	96.0	2.91	105.5	3.17	118.3	3.62	123.6	3.76
	60	64.7	1.93	77.1	2.35	89.6	2.80	96.0	3.02	105.5	3.29	117.9	3.74	120.1	3.83
	65	64.7	1.97	77.1	2.40	89.6	2.85	96.0	3.08	105.5	3.36	116.1	3.86	118.7	3.94
	70	64.7	2.03	77.1	2.47	89.6	3.04	96.0	3.35	105.5	3.73	113.9	4.14	116.1	4.21
	75	64.7	2.09	77.1	2.63	89.6	3.25	96.0	3.59	105.5	4.00	112.1	4.34	114.8	4.39
	80	64.7	2.37	77.1	3.00	89.6	3.72	96.0	4.11	105.5	4.58	109.0	4.71	111.2	4.77
	85	64.7	2.52	77.1	3.20	89.6	3.98	96.0	4.38	105.1	4.86	107.3	4.90	109.9	4.97
	90	64.7	2.86	77.1	3.64	89.6	4.52	96.0	4.99	101.5	5.24	104.2	5.29	106.4	5.36
	95	64.7	3.03	77.1	3.88	89.6	4.82	96.0	5.33	100.2	5.43	102.4	5.48	105.1	5.56
	100	64.7	3.27	77.1	4.18	89.6	5.21	94.3	5.60	98.5	5.71	101.1	5.76	103.3	5.85
	105	64.7	3.68	77.1	4.71	89.1	5.86	91.7	6.00	95.5	6.12	98.0	6.17	100.4	6.26
	110	64.7	4.11	77.1	5.29	88.1	6.36	90.0	6.40	91.9	6.51	93.3	6.58	95.0	6.67
	115	64.7	4.72	77.1	6.04	83.8	6.66	86.4	6.66	88.6	6.76	89.4	6.77	89.8	6.82
	118	64.7	4.76	67.7	5.67	73.0	5.60	75.2	5.65	77.1	5.74	77.8	5.75	77.5	5.79
	122	55.4	4.31	54.3	4.31	58.2	4.27	60.1	4.28	61.8	4.34	62.5	4.36	62.4	4.40

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 heat recovery system synchronous operating range.
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).

COOLING CAPACITY DATA



ARUM096CTE5

96,000 Btu/h 575V Outdoor Units

MULTI V 5 Outdoor Unit Performance Data Manual

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	58.3	1.16	69.4	1.39	81.0	1.64	86.6	1.77	92.1	1.89	103.3	2.18	114.4	2.39
	-5	58.3	1.23	69.4	1.47	81.0	1.74	86.6	1.87	92.1	1.99	103.3	2.30	114.4	2.52
	0	58.3	1.28	69.4	1.53	81.0	1.81	86.6	1.94	92.1	2.08	103.3	2.39	114.4	2.62
	5	58.3	1.32	69.4	1.58	81.0	1.87	86.6	2.01	92.1	2.15	103.3	2.48	114.4	2.72
	10	58.3	1.36	69.4	1.63	81.0	1.93	86.6	2.07	92.1	2.21	103.3	2.55	114.4	2.80
	14	58.3	1.41	69.4	1.69	81.0	1.99	86.6	2.15	92.1	2.29	103.3	2.64	114.4	2.90
	20	58.3	1.46	69.4	1.75	81.0	2.07	86.6	2.23	92.1	2.39	103.3	2.74	114.4	3.01
	25	58.3	1.50	69.4	1.81	81.0	2.13	86.6	2.30	92.1	2.47	103.3	2.81	114.4	3.10
	30	58.3	1.55	69.4	1.86	81.0	2.19	86.6	2.37	92.1	2.55	103.3	2.89	114.4	3.19
	35	58.3	1.59	69.4	1.92	81.0	2.26	86.6	2.44	92.1	2.62	103.3	2.98	114.4	3.29
	40	58.3	1.64	69.4	1.97	81.0	2.33	86.6	2.51	92.1	2.70	103.3	3.07	114.4	3.39
	45	58.3	1.68	69.4	2.02	81.0	2.38	86.6	2.57	92.1	2.77	103.3	3.14	114.4	3.47
	50	58.3	1.72	69.4	2.06	81.0	2.44	86.6	2.63	92.1	2.83	103.3	3.21	114.4	3.55
	55	58.3	1.74	69.4	2.10	81.0	2.48	86.6	2.68	92.1	2.88	103.3	3.27	114.4	3.58
	60	58.3	1.80	69.4	2.18	81.0	2.57	86.6	2.78	92.1	3.00	103.3	3.40	113.5	3.62
	65	58.3	1.83	69.4	2.22	81.0	2.63	86.6	2.84	92.1	3.05	103.3	3.46	112.7	3.80
	70	58.3	1.88	69.4	2.29	81.0	2.72	86.6	3.00	92.1	3.27	103.3	3.86	110.6	4.08
	75	58.3	1.92	69.4	2.39	81.0	2.91	86.6	3.21	92.1	3.52	103.3	4.03	108.9	4.26
	80	58.3	2.15	69.4	2.71	81.0	3.32	86.6	3.66	92.1	4.01	103.3	4.46	105.9	4.64
	85	58.3	2.29	69.4	2.89	81.0	3.56	86.6	3.91	92.1	4.29	102.0	4.69	104.1	4.83
	90	58.3	2.58	69.4	3.27	81.0	4.03	86.6	4.45	92.1	4.88	99.0	5.13	101.1	5.21
	95	58.3	2.75	69.4	3.47	81.0	4.30	86.6	4.74	92.1	5.21	97.3	5.33	99.4	5.40
	100	58.3	2.84	69.4	3.62	81.0	4.48	86.6	4.93	92.1	5.32	96.0	5.56	97.7	5.62
	105	58.3	3.29	69.4	4.20	81.0	5.06	86.6	5.40	91.1	5.71	93.0	5.96	94.3	6.03
	110	58.3	3.78	69.4	4.84	81.0	5.55	86.6	5.83	87.4	6.19	88.6	6.40	89.3	6.47
	115	58.3	4.10	69.4	5.25	75.9	5.85	82.1	6.10	83.2	6.39	84.0	6.53	84.4	6.61
	118	58.3	4.35	67.7	5.67	66.0	4.92	71.5	5.18	72.5	5.42	73.2	5.54	72.9	5.61
	122	55.4	4.31	54.3	4.31	52.6	3.74	57.1	3.91	58.1	4.10	58.7	4.20	58.6	4.26
80%	-9.9	51.9	1.01	61.7	1.21	72.0	1.41	76.7	1.53	81.9	1.65	91.7	1.88	101.6	2.10
	-5	51.9	1.06	61.7	1.28	72.0	1.49	76.7	1.61	81.9	1.74	91.7	1.99	101.6	2.21
	0	51.9	1.10	61.7	1.33	72.0	1.55	76.7	1.68	81.9	1.81	91.7	2.07	101.6	2.30
	5	51.9	1.14	61.7	1.38	72.0	1.60	76.7	1.74	81.9	1.88	91.7	2.14	101.6	2.39
	10	51.9	1.18	61.7	1.42	72.0	1.65	76.7	1.79	81.9	1.93	91.7	2.20	101.6	2.46
	14	51.9	1.22	61.7	1.47	72.0	1.71	76.7	1.86	81.9	2.00	91.7	2.28	101.6	2.54
	20	51.9	1.27	61.7	1.52	72.0	1.78	76.7	1.92	81.9	2.07	91.7	2.37	101.6	2.64
	25	51.9	1.31	61.7	1.57	72.0	1.83	76.7	1.98	81.9	2.13	91.7	2.44	101.6	2.72
	30	51.9	1.34	61.7	1.61	72.0	1.89	76.7	2.04	81.9	2.18	91.7	2.50	101.6	2.81
	35	51.9	1.38	61.7	1.66	72.0	1.95	76.7	2.09	81.9	2.24	91.7	2.57	101.6	2.88
	40	51.9	1.42	61.7	1.70	72.0	2.00	76.7	2.15	81.9	2.30	91.7	2.64	101.6	2.96
	45	51.9	1.44	61.7	1.72	72.0	2.03	76.7	2.19	81.9	2.33	91.7	2.68	101.6	3.00
	50	51.9	1.46	61.7	1.75	72.0	2.05	76.7	2.21	81.9	2.37	91.7	2.72	101.6	3.04
	55	51.9	1.48	61.7	1.78	72.0	2.09	76.7	2.25	81.9	2.41	91.7	2.77	101.6	3.09
	60	51.9	1.53	61.7	1.84	72.0	2.16	76.7	2.33	81.9	2.51	91.7	2.86	101.6	3.22
	65	51.9	1.55	61.7	1.87	72.0	2.21	76.7	2.38	81.9	2.56	91.7	2.92	101.6	3.29
	70	51.9	1.60	61.7	1.92	72.0	2.27	76.7	2.45	81.9	2.67	91.7	3.15	101.6	3.64
	75	51.9	1.63	61.7	1.96	72.0	2.38	76.7	2.61	81.9	2.84	91.7	3.35	101.6	3.84
	80	51.9	1.78	61.7	2.23	72.0	2.72	76.7	2.97	81.9	3.24	91.7	3.85	101.6	4.29
	85	51.9	1.90	61.7	2.37	72.0	2.89	76.7	3.17	81.9	3.47	91.7	4.10	101.6	4.40
	90	51.9	2.14	61.7	2.69	72.0	3.27	76.7	3.60	81.9	3.95	91.7	4.51	99.9	4.66
	95	51.9	2.27	61.7	2.84	72.0	3.49	76.7	3.82	81.9	4.20	91.7	4.66	97.8	4.79
	100	51.9	2.45	61.7	3.06	72.0	3.77	76.7	4.09	81.9	4.36	91.7	4.86	95.6	4.95
	105	51.9	2.79	61.7	3.51	72.0	4.19	76.7	4.39	81.9	4.68	90.6	5.05	92.8	5.19
	110	51.9	3.17	61.7	4.00	72.0	4.45	76.7	4.69	81.9	5.04	87.4	5.23	87.9	5.46
	115	51.9	3.39	61.7	4.27	72.0	4.60	76.7	4.93	76.7	5.16	77.2	5.35	77.2	5.68
	118	51.9	3.60	61.7	4.54	66.0	4.92	67.4	4.68	66.8	4.38	67.2	4.54	66.6	4.82
	122	51.9	3.89	54.4	4.28	52.6	3.74	53.8	3.54	53.5	3.31	54.0	3.44	53.6	3.66

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 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).

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	45.4	0.89	54.0	1.06	63.0	1.24	67.3	1.33	71.6	1.42	80.1	1.62	89.1	1.82
	-5	45.4	0.94	54.0	1.11	63.0	1.31	67.3	1.40	71.6	1.50	80.1	1.71	89.1	1.92
	0	45.4	0.98	54.0	1.16	63.0	1.36	67.3	1.46	71.6	1.56	80.1	1.78	89.1	1.99
	5	45.4	1.01	54.0	1.20	63.0	1.41	67.3	1.51	71.6	1.61	80.1	1.85	89.1	2.07
	10	45.4	1.04	54.0	1.24	63.0	1.45	67.3	1.56	71.6	1.66	80.1	1.90	89.1	2.13
	14	45.4	1.08	54.0	1.28	63.0	1.51	67.3	1.61	71.6	1.72	80.1	1.97	89.1	2.20
	20	45.4	1.11	54.0	1.32	63.0	1.55	67.3	1.67	71.6	1.78	80.1	2.03	89.1	2.28
	25	45.4	1.15	54.0	1.36	63.0	1.59	67.3	1.71	71.6	1.83	80.1	2.08	89.1	2.34
	30	45.4	1.18	54.0	1.39	63.0	1.63	67.3	1.76	71.6	1.88	80.1	2.14	89.1	2.40
	35	45.4	1.21	54.0	1.43	63.0	1.68	67.3	1.80	71.6	1.93	80.1	2.19	89.1	2.47
	40	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
	45	45.4	1.26	54.0	1.49	63.0	1.75	67.3	1.88	71.6	2.01	80.1	2.29	89.1	2.57
	50	45.4	1.28	54.0	1.52	63.0	1.78	67.3	1.91	71.6	2.04	80.1	2.32	89.1	2.61
	55	45.4	1.30	54.0	1.55	63.0	1.81	67.3	1.94	71.6	2.08	80.1	2.37	89.1	2.67
	60	45.4	1.34	54.0	1.60	63.0	1.87	67.3	2.01	71.6	2.15	80.1	2.46	89.1	2.77
	65	45.4	1.36	54.0	1.63	63.0	1.90	67.3	2.05	71.6	2.20	80.1	2.50	89.1	2.81
	70	45.4	1.40	54.0	1.67	63.0	1.96	67.3	2.11	71.6	2.27	80.1	2.59	89.1	2.99
	75	45.4	1.42	54.0	1.70	63.0	2.00	67.3	2.18	71.6	2.37	80.1	2.77	89.1	3.17
	80	45.4	1.53	54.0	1.88	63.0	2.27	67.3	2.48	71.6	2.69	80.1	3.06	89.1	3.51
	85	45.4	1.63	54.0	2.00	63.0	2.42	67.3	2.64	71.6	2.89	80.1	3.26	89.1	3.66
	90	45.4	1.83	54.0	2.26	63.0	2.74	67.3	2.99	71.6	3.27	80.1	3.64	89.1	3.97
	95	45.4	1.93	54.0	2.40	63.0	2.92	67.3	3.19	71.6	3.47	80.1	3.82	89.1	4.09
	100	45.4	2.09	54.0	2.59	63.0	3.15	67.3	3.44	71.6	3.58	80.1	4.00	89.1	4.21
	105	45.4	2.37	54.0	2.95	63.0	3.47	67.3	3.67	71.6	3.89	80.1	4.22	89.1	4.46
	110	45.4	2.67	54.0	3.35	63.0	3.67	67.3	3.89	71.6	4.21	80.1	4.39	86.6	4.79
	115	45.4	2.86	54.0	3.57	63.0	3.80	67.3	4.12	71.6	4.34	80.1	4.52	81.6	5.10
	118	45.4	3.04	54.0	3.79	63.0	4.03	67.3	4.36	65.1	4.34	67.2	3.84	66.6	4.33
	122	45.4	3.28	54.0	4.11	56.2	3.85	53.8	3.59	52.2	3.28	54.0	2.91	53.6	3.29
60%	-9.9	39.0	0.77	46.3	0.89	54.0	1.05	57.4	1.12	61.3	1.21	69.0	1.37	76.3	1.53
	-5	39.0	0.81	46.3	0.94	54.0	1.11	57.4	1.18	61.3	1.27	69.0	1.44	76.3	1.61
	0	39.0	0.85	46.3	0.98	54.0	1.15	57.4	1.23	61.3	1.33	69.0	1.50	76.3	1.68
	5	39.0	0.88	46.3	1.02	54.0	1.19	57.4	1.28	61.3	1.37	69.0	1.56	76.3	1.74
	10	39.0	0.90	46.3	1.05	54.0	1.23	57.4	1.31	61.3	1.41	69.0	1.60	76.3	1.79
	14	39.0	0.93	46.3	1.08	54.0	1.27	57.4	1.36	61.3	1.46	69.0	1.66	76.3	1.85
	20	39.0	0.96	46.3	1.12	54.0	1.31	57.4	1.41	61.3	1.51	69.0	1.71	76.3	1.92
	25	39.0	0.99	46.3	1.16	54.0	1.35	57.4	1.45	61.3	1.55	69.0	1.76	76.3	1.97
	30	39.0	1.01	46.3	1.19	54.0	1.38	57.4	1.49	61.3	1.59	69.0	1.80	76.3	2.03
	35	39.0	1.03	46.3	1.22	54.0	1.42	57.4	1.52	61.3	1.63	69.0	1.85	76.3	2.08
	40	39.0	1.06	46.3	1.25	54.0	1.46	57.4	1.56	61.3	1.67	69.0	1.90	76.3	2.13
	45	39.0	1.07	46.3	1.26	54.0	1.47	57.4	1.58	61.3	1.69	69.0	1.91	76.3	2.15
	50	39.0	1.08	46.3	1.27	54.0	1.48	57.4	1.59	61.3	1.70	69.0	1.93	76.3	2.17
	55	39.0	1.10	46.3	1.30	54.0	1.51	57.4	1.62	61.3	1.73	69.0	1.97	76.3	2.21
	60	39.0	1.13	46.3	1.34	54.0	1.56	57.4	1.68	61.3	1.80	69.0	2.04	76.3	2.29
	65	39.0	1.15	46.3	1.36	54.0	1.59	57.4	1.71	61.3	1.83	69.0	2.08	76.3	2.34
	70	39.0	1.18	46.3	1.40	54.0	1.64	57.4	1.75	61.3	1.88	69.0	2.14	76.3	2.43
	75	39.0	1.20	46.3	1.42	54.0	1.67	57.4	1.79	61.3	1.94	69.0	2.27	76.3	2.59
	80	39.0	1.27	46.3	1.55	54.0	1.87	57.4	2.04	61.3	2.21	69.0	2.54	76.3	2.92
	85	39.0	1.35	46.3	1.65	54.0	1.98	57.4	2.17	61.3	2.36	69.0	2.67	76.3	3.02
	90	39.0	1.52	46.3	1.87	54.0	2.24	57.4	2.45	61.3	2.65	69.0	2.99	76.3	3.29
	95	39.0	1.61	46.3	1.98	54.0	2.38	57.4	2.61	61.3	2.81	69.0	3.12	76.3	3.46
	100	39.0	1.72	46.3	2.12	54.0	2.57	57.4	2.81	61.3	2.93	69.0	3.31	76.3	3.61
	105	39.0	1.96	46.3	2.42	54.0	2.84	57.4	3.00	61.3	3.19	69.0	3.52	76.3	3.94
	110	39.0	2.21	46.3	2.75	54.0	3.06	57.4	3.18	61.3	3.45	69.0	3.76	76.3	4.30
	115	39.0	2.36	46.3	2.93	54.0	3.18	57.4	3.37	61.3	3.57	69.0	3.98	76.3	4.59
	118	39.0	2.50	46.3	3.11	54.0	3.38	57.4	3.58	61.3	3.80	67.2	3.84	66.6	4.33
	122	39.0	2.70	46.3	3.36	54.0	3.66	53.6	3.63	51.9	3.36	54.0	2.91	53.6	3.29

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 heat recovery system synchronous operating range.
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).

COOLING CAPACITY DATA



ARUM096CTE5

96,000 Btu/h 575V Outdoor 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
50%	-9.9	32.4	0.66	38.6	0.78	45.0	0.87	48.0	0.94	51.0	1.01	57.4	1.12	63.4	1.24
	-5	32.4	0.70	38.6	0.82	45.0	0.92	48.0	0.99	51.0	1.07	57.4	1.18	63.4	1.31
	0	32.4	0.73	38.6	0.86	45.0	0.96	48.0	1.03	51.0	1.11	57.4	1.23	63.4	1.37
	5	32.4	0.75	38.6	0.89	45.0	0.99	48.0	1.07	51.0	1.15	57.4	1.28	63.4	1.42
	10	32.4	0.78	38.6	0.91	45.0	1.02	48.0	1.10	51.0	1.18	57.4	1.31	63.4	1.46
	14	32.4	0.80	38.6	0.95	45.0	1.06	48.0	1.14	51.0	1.23	57.4	1.36	63.4	1.51
	20	32.4	0.83	38.6	0.97	45.0	1.10	48.0	1.18	51.0	1.27	57.4	1.41	63.4	1.57
	25	32.4	0.86	38.6	1.00	45.0	1.14	48.0	1.22	51.0	1.30	57.4	1.45	63.4	1.61
	30	32.4	0.88	38.6	1.02	45.0	1.17	48.0	1.25	51.0	1.33	57.4	1.49	63.4	1.66
	35	32.4	0.91	38.6	1.05	45.0	1.20	48.0	1.28	51.0	1.37	57.4	1.54	63.4	1.71
	40	32.4	0.93	38.6	1.08	45.0	1.24	48.0	1.31	51.0	1.40	57.4	1.57	63.4	1.75
	45	32.4	0.94	38.6	1.09	45.0	1.25	48.0	1.33	51.0	1.42	57.4	1.59	63.4	1.77
	50	32.4	0.96	38.6	1.11	45.0	1.27	48.0	1.35	51.0	1.44	57.4	1.62	63.4	1.80
	55	32.4	0.98	38.6	1.13	45.0	1.29	48.0	1.37	51.0	1.46	57.4	1.65	63.4	1.83
	60	32.4	1.00	38.6	1.16	45.0	1.33	48.0	1.42	51.0	1.52	57.4	1.70	63.4	1.90
	65	32.4	1.01	38.6	1.18	45.0	1.35	48.0	1.44	51.0	1.54	57.4	1.73	63.4	1.93
	70	32.4	1.04	38.6	1.20	45.0	1.38	48.0	1.49	51.0	1.58	57.4	1.78	63.4	1.99
	75	32.4	1.05	38.6	1.22	45.0	1.41	48.0	1.51	51.0	1.61	57.4	1.81	63.4	2.03
	80	32.4	1.08	38.6	1.29	45.0	1.52	48.0	1.64	51.0	1.76	57.4	2.02	63.4	2.31
	85	32.4	1.15	38.6	1.36	45.0	1.61	48.0	1.74	51.0	1.87	57.4	2.16	63.4	2.46
	90	32.4	1.28	38.6	1.53	45.0	1.81	48.0	1.95	51.0	2.11	57.4	2.43	63.4	2.79
	95	32.4	1.35	38.6	1.62	45.0	1.91	48.0	2.08	51.0	2.24	57.4	2.58	63.4	2.96
	100	32.4	1.42	38.6	1.71	45.0	2.02	48.0	2.20	51.0	2.37	57.4	2.75	63.4	3.14
	105	32.4	1.56	38.6	1.89	45.0	2.24	48.0	2.43	51.0	2.62	57.4	3.04	63.4	3.50
	110	32.4	1.72	38.6	2.09	45.0	2.48	48.0	2.70	51.0	2.92	57.4	3.40	63.4	3.91
	115	32.4	1.84	38.6	2.24	45.0	2.67	48.0	2.90	51.0	3.14	57.4	3.66	63.4	4.21
	118	32.4	1.99	38.6	2.43	45.0	2.90	48.0	3.15	51.0	3.42	57.4	3.84	63.4	4.33
	122	32.4	2.19	38.6	2.68	45.0	3.20	48.0	3.50	51.0	3.36	54.0	2.91	53.6	3.29

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 heat recovery system synchronous operating range.

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).

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	108.9	2.47	129.3	3.00	150.3	3.56	155.8	3.84	158.0	4.15	163.5	4.75	167.4	4.91
	-5	108.9	2.61	129.3	3.17	150.3	3.76	155.8	4.05	158.0	4.37	163.5	5.01	167.4	5.18
	0	108.9	2.71	129.3	3.29	150.3	3.91	155.8	4.22	158.0	4.55	163.5	5.22	167.4	5.39
	5	108.9	2.81	129.3	3.41	150.3	4.05	155.8	4.37	158.0	4.72	163.5	5.41	167.4	5.59
	10	108.9	2.89	129.3	3.51	150.3	4.17	155.8	4.50	158.0	4.85	163.5	5.56	167.4	5.75
	14	108.9	3.00	129.3	3.64	150.3	4.32	155.8	4.66	158.0	5.03	163.5	5.76	167.4	5.95
	20	108.9	3.05	129.3	3.70	150.3	4.38	155.8	4.73	158.0	5.10	163.5	5.84	167.4	6.04
	25	108.9	3.09	129.3	3.74	150.3	4.43	155.8	4.79	158.0	5.16	163.5	5.91	167.4	6.11
	30	108.9	3.14	129.3	3.79	150.3	4.49	155.8	4.85	158.0	5.21	163.5	5.98	167.4	6.18
	35	108.9	3.17	129.3	3.84	150.3	4.54	155.8	4.90	158.0	5.28	163.5	6.05	167.4	6.26
	40	108.9	3.21	129.3	3.88	150.3	4.59	155.8	4.97	158.0	5.34	163.5	6.12	167.4	6.33
	45	108.9	3.24	129.3	3.92	150.3	4.64	155.8	5.02	158.0	5.39	163.5	6.18	167.4	6.40
	50	108.9	3.28	129.3	3.96	150.3	4.69	155.8	5.07	158.0	5.45	163.5	6.24	167.4	6.46
	55	108.9	3.33	129.3	4.04	150.3	4.78	153.6	5.18	155.8	5.56	161.3	6.35	165.2	6.51
	60	108.9	3.44	129.3	4.18	148.1	4.98	150.2	5.38	151.9	5.77	157.4	6.55	161.3	6.58
	65	108.9	3.51	129.3	4.27	145.9	5.07	148.1	5.48	149.7	5.88	155.1	6.77	159.0	6.82
	70	108.9	3.38	129.3	4.10	143.1	5.05	144.8	5.56	147.0	6.10	152.4	6.77	156.3	6.84
	75	108.9	3.46	129.3	4.38	140.9	5.41	142.6	5.96	144.8	6.54	150.1	7.09	154.0	7.15
	80	108.9	3.94	129.3	4.98	137.0	6.18	138.7	6.82	140.9	7.50	146.2	7.70	150.1	7.77
	85	108.9	4.19	129.3	5.32	134.8	6.61	137.0	7.28	138.7	7.96	144.0	8.02	147.9	8.09
	90	108.9	4.75	127.1	6.05	131.0	7.50	132.6	8.29	134.8	8.58	140.1	8.65	144.0	8.73
	95	110.0	5.03	126.2	6.44	130.1	8.01	132.3	8.85	134.0	8.89	139.3	8.97	143.3	9.05
	100	110.0	5.45	124.0	6.96	127.9	8.68	130.1	9.32	131.8	9.37	137.6	9.45	141.6	9.54
	105	110.0	6.14	120.7	7.88	124.5	9.79	126.5	10.02	128.4	10.07	132.8	10.16	134.8	10.26
	110	110.0	6.90	115.6	8.88	120.5	10.68	120.8	10.73	122.6	10.77	125.2	10.87	125.7	10.98
	115	109.5	7.98	111.4	10.21	111.4	11.26	111.4	11.26	111.4	11.26	113.1	11.28	113.6	11.30
	118	95.2	6.76	96.9	8.65	97.0	9.47	97.0	9.55	97.0	9.55	98.4	9.57	98.0	9.59
	122	76.0	5.13	77.7	6.58	77.3	7.21	77.5	7.22	77.7	7.23	79.0	7.25	78.9	7.28
120%	-9.9	99.1	2.33	118.2	2.82	137.4	3.34	147.2	3.61	153.8	3.89	160.8	4.46	164.1	4.61
	-5	99.1	2.46	118.2	2.98	137.4	3.53	147.2	3.80	153.8	4.10	160.8	4.70	164.1	4.86
	0	99.1	2.56	118.2	3.10	137.4	3.67	147.2	3.96	153.8	4.27	160.8	4.89	164.1	5.06
	5	99.1	2.65	118.2	3.21	137.4	3.80	147.2	4.10	153.8	4.42	160.8	5.07	164.1	5.24
	10	99.1	2.73	118.2	3.31	137.4	3.91	147.2	4.22	153.8	4.55	160.8	5.22	164.1	5.39
	14	99.1	2.83	118.2	3.43	137.4	4.06	147.2	4.37	153.8	4.72	160.8	5.41	164.1	5.59
	20	99.1	2.87	118.2	3.48	137.4	4.11	147.2	4.44	153.8	4.78	160.8	5.48	164.1	5.67
	25	99.1	2.91	118.2	3.52	137.4	4.16	147.2	4.50	153.8	4.84	160.8	5.55	164.1	5.74
	30	99.1	2.94	118.2	3.56	137.4	4.21	147.2	4.55	153.8	4.89	160.8	5.61	164.1	5.80
	35	99.1	2.98	118.2	3.60	137.4	4.26	147.2	4.61	153.8	4.95	160.8	5.68	164.1	5.88
	40	99.1	3.02	118.2	3.65	137.4	4.32	147.2	4.67	153.8	5.02	160.8	5.75	164.1	5.95
	45	99.1	3.05	118.2	3.69	137.4	4.37	147.2	4.72	153.8	5.07	160.8	5.81	164.1	6.02
	50	99.1	3.09	118.2	3.73	137.4	4.41	147.2	4.77	153.8	5.13	160.8	5.88	164.1	6.08
	55	99.1	3.14	118.2	3.80	137.4	4.50	147.2	4.87	152.1	5.23	158.5	5.98	162.4	6.13
	60	99.1	3.24	118.2	3.94	137.4	4.69	146.1	5.06	147.8	5.44	154.6	6.17	158.0	6.28
	65	99.1	3.31	118.2	4.02	137.4	4.77	143.9	5.16	146.1	5.54	152.4	6.37	156.3	6.43
	70	99.1	3.24	118.2	3.94	137.4	4.85	141.2	5.34	142.8	5.85	149.6	6.50	152.9	6.57
	75	99.1	3.32	118.2	4.20	137.4	5.19	139.0	5.72	141.2	6.28	147.4	6.81	151.3	6.86
	80	99.1	3.78	118.2	4.78	133.5	5.94	135.2	6.55	136.8	7.20	143.5	7.39	146.8	7.46
	85	99.1	4.02	118.2	5.11	131.3	6.34	133.0	6.99	135.2	7.64	141.2	7.70	145.1	7.77
	90	99.1	4.56	118.2	5.81	127.5	7.20	129.2	7.96	130.8	8.24	137.3	8.30	140.7	8.38
	95	100.1	4.83	119.5	6.18	126.6	7.69	128.3	8.50	130.5	8.53	136.5	8.61	140.5	8.69
	100	100.1	5.23	119.5	6.68	124.4	8.33	126.6	8.94	128.3	8.99	134.8	9.08	138.2	9.16
	105	100.1	5.89	117.6	7.57	121.1	9.40	123.1	9.62	124.7	9.67	130.9	9.75	133.1	9.84
	110	100.1	6.62	114.6	8.52	118.3	10.25	118.6	10.30	120.4	10.34	124.1	10.44	124.6	10.54
	115	97.3	7.66	110.4	9.80	110.4	10.81	110.4	10.81	110.4	10.81	113.1	10.83	113.6	10.85
	118	86.9	6.76	96.0	8.30	96.1	9.09	96.1	9.17	96.1	9.17	98.5	9.19	98.0	9.20
	122	69.4	5.13	77.0	6.31	76.6	6.92	76.8	6.93	77.0	6.94	79.1	6.96	78.9	6.99

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 heat recovery system synchronous operating range.
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).

COOLING CAPACITY DATA

MULTI V 5

ARUM121CTE5

120,000 Btu/h 575V Outdoor 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	91.8	2.14	109.5	2.59	127.2	3.07	136.0	3.32	144.9	3.56	159.6	4.06	163.0	4.22
	-5	91.8	2.26	109.5	2.73	127.2	3.24	136.0	3.51	144.9	3.76	159.6	4.29	163.0	4.45
	0	91.8	2.35	109.5	2.84	127.2	3.37	136.0	3.65	144.9	3.91	159.6	4.46	163.0	4.63
	5	91.8	2.44	109.5	2.94	127.2	3.49	136.0	3.78	144.9	4.05	159.6	4.62	163.0	4.80
	10	91.8	2.51	109.5	3.03	127.2	3.59	136.0	3.89	144.9	4.17	159.6	4.76	163.0	4.93
	14	91.8	2.60	109.5	3.14	127.2	3.72	136.0	4.03	144.9	4.32	159.6	4.93	163.0	5.11
	20	91.8	2.64	109.5	3.19	127.2	3.77	136.0	4.09	144.9	4.39	159.6	5.01	163.0	5.19
	25	91.8	2.67	109.5	3.23	127.2	3.82	136.0	4.13	144.9	4.44	159.6	5.08	163.0	5.26
	30	91.8	2.70	109.5	3.27	127.2	3.87	136.0	4.18	144.9	4.50	159.6	5.15	163.0	5.32
	35	91.8	2.74	109.5	3.32	127.2	3.92	136.0	4.24	144.9	4.56	159.6	5.23	163.0	5.41
	40	91.8	2.78	109.5	3.36	127.2	3.98	136.0	4.30	144.9	4.62	159.6	5.30	163.0	5.48
	45	91.8	2.83	109.5	3.42	127.2	4.04	136.0	4.37	144.9	4.70	159.6	5.39	163.0	5.57
	50	91.8	2.87	109.5	3.48	127.2	4.11	136.0	4.44	144.9	4.78	159.6	5.48	163.0	5.66
	55	91.8	2.92	109.5	3.54	127.2	4.19	136.0	4.54	144.9	4.87	157.4	5.57	160.8	5.71
	60	91.8	3.02	109.5	3.67	127.2	4.36	136.0	4.71	144.9	5.06	153.4	5.75	156.8	5.80
	65	91.8	3.08	109.5	3.75	127.2	4.44	136.0	4.81	144.9	5.16	151.2	5.94	154.6	5.98
	70	91.8	3.11	109.5	3.78	127.2	4.65	136.0	5.12	142.1	5.61	148.4	6.24	151.7	6.30
	75	91.8	3.19	109.5	4.03	127.2	4.98	136.0	5.49	139.9	6.02	146.1	6.53	149.5	6.58
	80	90.9	3.62	108.4	4.59	125.9	5.69	133.0	6.28	134.7	6.90	140.7	7.09	144.0	7.15
	85	90.9	3.86	108.4	4.90	125.9	6.08	130.8	6.70	132.5	7.32	138.5	7.39	141.8	7.45
	90	90.9	4.37	108.4	5.57	125.3	6.90	127.0	7.63	128.6	7.90	134.6	7.96	137.9	8.04
	95	90.9	4.63	108.4	5.92	123.2	7.37	124.8	8.15	126.4	8.18	132.3	8.26	135.7	8.33
	100	90.9	5.02	108.4	6.41	121.5	7.99	123.2	8.58	124.8	8.62	130.6	8.70	134.0	8.78
	105	90.9	5.65	108.4	7.25	117.7	9.02	119.4	9.23	121.0	9.27	126.8	9.35	130.0	9.44
	110	90.9	6.35	108.4	8.17	114.1	9.83	114.4	9.88	116.1	9.91	119.7	10.01	120.2	10.10
	115	90.9	7.35	108.4	9.40	109.2	10.36	109.2	10.36	109.7	10.36	111.9	10.38	112.4	10.40
	118	87.8	6.69	94.2	7.96	95.1	8.71	95.1	8.79	95.5	8.79	97.4	8.81	97.0	8.82
	122	70.2	5.08	75.6	6.05	75.8	6.63	76.0	6.65	76.5	6.66	78.2	6.68	78.1	6.70
100%	-9.9	80.7	1.89	96.2	2.28	111.7	2.70	119.7	2.94	131.5	3.18	147.5	3.67	155.8	3.82
	-5	80.7	1.99	96.2	2.40	111.7	2.85	119.7	3.10	131.5	3.36	147.5	3.87	155.8	4.03
	0	80.7	2.07	96.2	2.50	111.7	2.96	119.7	3.23	131.5	3.49	147.5	4.03	155.8	4.20
	5	80.7	2.15	96.2	2.59	111.7	3.07	119.7	3.34	131.5	3.62	147.5	4.18	155.8	4.35
	10	80.7	2.21	96.2	2.66	111.7	3.16	119.7	3.44	131.5	3.72	147.5	4.30	155.8	4.47
	14	80.7	2.29	96.2	2.76	111.7	3.27	119.7	3.57	131.5	3.86	147.5	4.45	155.8	4.64
	20	80.7	2.36	96.2	2.85	111.7	3.38	119.7	3.67	131.5	3.98	147.5	4.58	155.8	4.77
	25	80.7	2.42	96.2	2.93	111.7	3.46	119.7	3.75	131.5	4.08	147.5	4.69	155.8	4.88
	30	80.7	2.48	96.2	3.00	111.7	3.55	119.7	3.84	131.5	4.19	147.5	4.80	155.8	4.99
	35	80.7	2.52	96.2	3.05	111.7	3.61	119.7	3.90	131.5	4.25	147.5	4.88	155.8	5.07
	40	80.7	2.56	96.2	3.10	111.7	3.66	119.7	3.96	131.5	4.32	147.5	4.95	155.8	5.15
	45	80.7	2.62	96.2	3.17	111.7	3.74	119.7	4.05	131.5	4.41	147.5	5.06	155.8	5.26
	50	80.7	2.67	96.2	3.23	111.7	3.82	119.7	4.13	131.5	4.50	147.5	5.16	155.8	5.36
	55	80.7	2.71	96.2	3.29	111.7	3.89	119.7	4.21	131.5	4.59	147.5	5.25	154.1	5.44
	60	80.7	2.80	96.2	3.40	111.7	4.05	119.7	4.38	131.5	4.77	147.0	5.41	149.7	5.54
	65	80.7	2.86	96.2	3.48	111.7	4.13	119.7	4.46	131.5	4.86	144.8	5.59	148.1	5.70
	70	80.7	2.95	96.2	3.58	111.7	4.41	119.7	4.85	131.5	5.40	142.0	6.00	144.8	6.10
	75	80.7	3.02	96.2	3.82	111.7	4.71	119.7	5.20	131.5	5.79	139.8	6.28	143.1	6.36
	80	80.7	3.43	96.2	4.35	111.7	5.39	119.7	5.95	131.5	6.64	136.0	6.82	138.7	6.91
	85	80.7	3.65	96.2	4.64	111.7	5.76	119.7	6.35	131.0	7.04	133.7	7.10	137.1	7.20
	90	80.7	4.14	96.2	5.27	111.7	6.54	119.7	7.23	126.6	7.60	129.9	7.66	132.6	7.77
	95	80.7	4.39	96.2	5.61	111.7	6.98	119.7	7.72	124.9	7.87	127.7	7.94	131.0	8.05
	100	80.7	4.74	96.2	6.06	111.7	7.55	117.6	8.11	122.8	8.27	126.0	8.35	128.9	8.47
	105	80.7	5.33	96.2	6.82	111.1	8.49	114.3	8.69	119.1	8.86	122.2	8.94	125.2	9.06
	110	80.7	5.95	96.2	7.66	109.8	9.22	112.3	9.26	114.5	9.43	116.4	9.53	118.5	9.66
	115	80.7	6.84	96.2	8.75	104.5	9.65	107.7	9.65	110.4	9.79	111.5	9.81	111.9	9.88
	118	80.7	6.90	84.4	8.21	91.0	8.11	93.8	8.19	96.1	8.31	97.0	8.33	96.6	8.38
	122	69.0	6.25	67.7	6.24	72.5	6.18	74.9	6.19	77.0	6.29	77.9	6.31	77.8	6.37

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 heat recovery system synchronous operating range.
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).

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
90%	-9.9	72.7	1.68	86.6	2.02	101.0	2.38	107.9	2.56	114.9	2.74	128.8	3.15	142.7	3.46
	-5	72.7	1.78	86.6	2.13	101.0	2.51	107.9	2.70	114.9	2.89	128.8	3.33	142.7	3.65
	0	72.7	1.85	86.6	2.21	101.0	2.62	107.9	2.81	114.9	3.01	128.8	3.46	142.7	3.80
	5	72.7	1.92	86.6	2.29	101.0	2.71	107.9	2.92	114.9	3.12	128.8	3.59	142.7	3.94
	10	72.7	1.97	86.6	2.36	101.0	2.79	107.9	3.00	114.9	3.20	128.8	3.69	142.7	4.05
	14	72.7	2.04	86.6	2.45	101.0	2.89	107.9	3.11	114.9	3.32	128.8	3.82	142.7	4.20
	20	72.7	2.12	86.6	2.54	101.0	3.00	107.9	3.23	114.9	3.46	128.8	3.96	142.7	4.36
	25	72.7	2.18	86.6	2.62	101.0	3.09	107.9	3.33	114.9	3.57	128.8	4.08	142.7	4.49
	30	72.7	2.24	86.6	2.69	101.0	3.18	107.9	3.43	114.9	3.69	128.8	4.19	142.7	4.63
	35	72.7	2.31	86.6	2.78	101.0	3.27	107.9	3.53	114.9	3.80	128.8	4.32	142.7	4.77
	40	72.7	2.38	86.6	2.86	101.0	3.37	107.9	3.64	114.9	3.91	128.8	4.45	142.7	4.91
	45	72.7	2.43	86.6	2.93	101.0	3.45	107.9	3.72	114.9	4.01	128.8	4.55	142.7	5.03
	50	72.7	2.48	86.6	2.99	101.0	3.53	107.9	3.80	114.9	4.09	128.8	4.65	142.7	5.14
	55	72.7	2.52	86.6	3.04	101.0	3.59	107.9	3.88	114.9	4.17	128.8	4.74	142.7	5.18
	60	72.7	2.61	86.6	3.16	101.0	3.73	107.9	4.03	114.9	4.34	128.8	4.93	141.5	5.24
	65	72.7	2.65	86.6	3.22	101.0	3.80	107.9	4.11	114.9	4.42	128.8	5.02	140.5	5.50
	70	72.7	2.73	86.6	3.31	101.0	3.94	107.9	4.34	114.9	4.74	128.8	5.60	137.9	5.91
	75	72.7	2.78	86.6	3.47	101.0	4.22	107.9	4.65	114.9	5.09	128.8	5.84	135.7	6.18
	80	72.7	3.11	86.6	3.93	101.0	4.82	107.9	5.31	114.9	5.81	128.8	6.45	132.0	6.72
	85	72.7	3.31	86.6	4.19	101.0	5.15	107.9	5.66	114.9	6.21	127.2	6.80	129.9	6.99
	90	72.7	3.74	86.6	4.74	101.0	5.84	107.9	6.44	114.9	7.07	123.4	7.44	126.1	7.55
	95	72.7	3.99	86.6	5.03	101.0	6.23	107.9	6.87	114.9	7.55	121.3	7.72	124.0	7.83
	100	72.7	4.12	86.6	5.24	101.0	6.49	107.9	7.14	114.9	7.71	119.7	8.05	121.8	8.14
	105	72.7	4.77	86.6	6.08	101.0	7.33	107.9	7.82	113.6	8.27	116.0	8.63	117.5	8.74
	110	72.7	5.48	86.6	7.02	101.0	8.05	107.9	8.44	109.0	8.97	110.4	9.27	111.3	9.38
	115	72.7	5.93	86.6	7.61	94.6	8.47	102.3	8.83	103.8	9.25	104.8	9.45	105.2	9.58
	118	72.7	6.30	84.4	8.21	82.4	7.12	89.1	7.50	90.4	7.85	91.2	8.02	90.8	8.12
	122	69.0	6.25	67.7	6.24	65.6	5.42	71.2	5.67	72.4	5.94	73.2	6.08	73.1	6.17
80%	-9.9	64.7	1.46	77.0	1.76	89.8	2.04	95.7	2.22	102.1	2.39	114.4	2.73	126.6	3.04
	-5	64.7	1.54	77.0	1.85	89.8	2.15	95.7	2.34	102.1	2.52	114.4	2.88	126.6	3.21
	0	64.7	1.60	77.0	1.93	89.8	2.24	95.7	2.43	102.1	2.62	114.4	2.99	126.6	3.33
	5	64.7	1.66	77.0	2.00	89.8	2.32	95.7	2.52	102.1	2.72	114.4	3.10	126.6	3.46
	10	64.7	1.71	77.0	2.06	89.8	2.39	95.7	2.59	102.1	2.80	114.4	3.19	126.6	3.56
	14	64.7	1.77	77.0	2.13	89.8	2.47	95.7	2.69	102.1	2.90	114.4	3.31	126.6	3.68
	20	64.7	1.84	77.0	2.21	89.8	2.57	95.7	2.79	102.1	3.00	114.4	3.43	126.6	3.83
	25	64.7	1.89	77.0	2.27	89.8	2.66	95.7	2.87	102.1	3.08	114.4	3.53	126.6	3.94
	30	64.7	1.95	77.0	2.33	89.8	2.74	95.7	2.96	102.1	3.16	114.4	3.63	126.6	4.06
	35	64.7	2.00	77.0	2.40	89.8	2.82	95.7	3.03	102.1	3.25	114.4	3.73	126.6	4.18
	40	64.7	2.06	77.0	2.46	89.8	2.89	95.7	3.12	102.1	3.34	114.4	3.83	126.6	4.29
	45	64.7	2.08	77.0	2.49	89.8	2.93	95.7	3.17	102.1	3.38	114.4	3.88	126.6	4.35
	50	64.7	2.11	77.0	2.53	89.8	2.97	95.7	3.21	102.1	3.43	114.4	3.94	126.6	4.41
	55	64.7	2.14	77.0	2.57	89.8	3.02	95.7	3.26	102.1	3.50	114.4	4.01	126.6	4.48
	60	64.7	2.22	77.0	2.66	89.8	3.13	95.7	3.38	102.1	3.63	114.4	4.15	126.6	4.66
	65	64.7	2.25	77.0	2.71	89.8	3.20	95.7	3.44	102.1	3.71	114.4	4.22	126.6	4.77
	70	64.7	2.32	77.0	2.79	89.8	3.29	95.7	3.55	102.1	3.86	114.4	4.56	126.6	5.28
	75	64.7	2.36	77.0	2.84	89.8	3.45	95.7	3.78	102.1	4.12	114.4	4.85	126.6	5.56
	80	64.7	2.58	77.0	3.23	89.8	3.94	95.7	4.30	102.1	4.70	114.4	5.58	126.6	6.21
	85	64.7	2.76	77.0	3.43	89.8	4.19	95.7	4.59	102.1	5.03	114.4	5.94	126.6	6.38
	90	64.7	3.10	77.0	3.89	89.8	4.74	95.7	5.21	102.1	5.71	114.4	6.53	124.6	6.76
	95	64.7	3.29	77.0	4.12	89.8	5.06	95.7	5.53	102.1	6.08	114.4	6.76	121.9	6.94
	100	64.7	3.55	77.0	4.44	89.8	5.46	95.7	5.93	102.1	6.32	114.4	7.03	119.2	7.16
	105	64.7	4.05	77.0	5.08	89.8	6.08	95.7	6.36	102.1	6.78	113.0	7.31	115.7	7.52
	110	64.7	4.59	77.0	5.79	89.8	6.45	95.7	6.79	102.1	7.30	109.0	7.58	109.5	7.91
	115	64.7	4.91	77.0	6.19	89.8	6.66	95.7	7.14	95.7	7.47	96.2	7.75	96.2	8.22
	118	64.7	5.21	77.0	6.58	82.4	7.12	84.0	6.78	83.3	6.34	83.8	6.58	83.1	6.98
	122	64.7	5.64	67.9	6.20	65.6	5.42	67.1	5.13	66.7	4.80	67.3	4.99	66.9	5.30

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.
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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).

COOLING CAPACITY DATA

MULTI V 5

ARUM121CTE5

120,000 Btu/h 575V Outdoor Units

MULTI V 5 Outdoor Unit Performance Data Manual

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
70%	-9.9	56.6	1.29	67.3	1.53	78.6	1.80	83.9	1.93	89.2	2.05	99.9	2.35	111.2	2.63
	-5	56.6	1.36	67.3	1.61	78.6	1.90	83.9	2.03	89.2	2.17	99.9	2.48	111.2	2.78
	0	56.6	1.41	67.3	1.68	78.6	1.98	83.9	2.11	89.2	2.25	99.9	2.58	111.2	2.89
	5	56.6	1.46	67.3	1.74	78.6	2.05	83.9	2.19	89.2	2.34	99.9	2.68	111.2	2.99
	10	56.6	1.51	67.3	1.79	78.6	2.11	83.9	2.26	89.2	2.40	99.9	2.75	111.2	3.08
	14	56.6	1.56	67.3	1.86	78.6	2.18	83.9	2.34	89.2	2.49	99.9	2.85	111.2	3.19
	20	56.6	1.61	67.3	1.92	78.6	2.25	83.9	2.41	89.2	2.58	99.9	2.94	111.2	3.30
	25	56.6	1.66	67.3	1.97	78.6	2.31	83.9	2.48	89.2	2.65	99.9	3.02	111.2	3.39
	30	56.6	1.70	67.3	2.02	78.6	2.36	83.9	2.54	89.2	2.72	99.9	3.09	111.2	3.48
	35	56.6	1.75	67.3	2.08	78.6	2.43	83.9	2.61	89.2	2.79	99.9	3.17	111.2	3.57
	40	56.6	1.80	67.3	2.13	78.6	2.49	83.9	2.68	89.2	2.86	99.9	3.26	111.2	3.66
	45	56.6	1.82	67.3	2.16	78.6	2.53	83.9	2.73	89.2	2.91	99.9	3.31	111.2	3.72
	50	56.6	1.85	67.3	2.20	78.6	2.57	83.9	2.77	89.2	2.96	99.9	3.37	111.2	3.78
	55	56.6	1.89	67.3	2.24	78.6	2.62	83.9	2.81	89.2	3.01	99.9	3.43	111.2	3.86
	60	56.6	1.94	67.3	2.32	78.6	2.71	83.9	2.92	89.2	3.12	99.9	3.56	111.2	4.01
	65	56.6	1.97	67.3	2.36	78.6	2.76	83.9	2.97	89.2	3.18	99.9	3.62	111.2	4.07
	70	56.6	2.03	67.3	2.42	78.6	2.84	83.9	3.06	89.2	3.28	99.9	3.75	111.2	4.33
	75	56.6	2.06	67.3	2.47	78.6	2.90	83.9	3.16	89.2	3.43	99.9	4.01	111.2	4.59
	80	56.6	2.22	67.3	2.72	78.6	3.29	83.9	3.59	89.2	3.89	99.9	4.43	111.2	5.09
	85	56.6	2.36	67.3	2.90	78.6	3.51	83.9	3.83	89.2	4.19	99.9	4.72	111.2	5.30
	90	56.6	2.65	67.3	3.27	78.6	3.97	83.9	4.33	89.2	4.74	99.9	5.27	111.2	5.76
	95	56.6	2.80	67.3	3.47	78.6	4.22	83.9	4.62	89.2	5.03	99.9	5.54	111.2	5.93
	100	56.6	3.02	67.3	3.75	78.6	4.56	83.9	4.99	89.2	5.18	99.9	5.80	111.2	6.10
	105	56.6	3.43	67.3	4.28	78.6	5.03	83.9	5.32	89.2	5.63	99.9	6.11	111.2	6.45
	110	56.6	3.86	67.3	4.85	78.6	5.32	83.9	5.64	89.2	6.10	99.9	6.36	107.9	6.94
	115	56.6	4.15	67.3	5.17	78.6	5.50	83.9	5.96	89.2	6.28	99.9	6.55	101.7	7.39
	118	56.6	4.41	67.3	5.49	78.6	5.84	83.9	6.32	81.2	6.28	83.8	5.56	83.1	6.27
	122	56.6	4.75	67.3	5.95	70.1	5.58	67.0	5.19	65.0	4.75	67.3	4.22	66.9	4.76
60%	-9.9	48.6	1.12	57.7	1.30	67.3	1.52	71.6	1.62	76.4	1.75	86.0	1.98	95.1	2.21
	-5	48.6	1.18	57.7	1.37	67.3	1.60	71.6	1.71	76.4	1.85	86.0	2.09	95.1	2.34
	0	48.6	1.22	57.7	1.42	67.3	1.67	71.6	1.78	76.4	1.92	86.0	2.17	95.1	2.43
	5	48.6	1.27	57.7	1.47	67.3	1.73	71.6	1.85	76.4	1.99	86.0	2.25	95.1	2.52
	10	48.6	1.31	57.7	1.52	67.3	1.78	71.6	1.90	76.4	2.05	86.0	2.32	95.1	2.59
	14	48.6	1.35	57.7	1.57	67.3	1.84	71.6	1.97	76.4	2.12	86.0	2.40	95.1	2.69
	20	48.6	1.39	57.7	1.63	67.3	1.90	71.6	2.04	76.4	2.19	86.0	2.48	95.1	2.78
	25	48.6	1.43	57.7	1.68	67.3	1.95	71.6	2.10	76.4	2.25	86.0	2.55	95.1	2.86
	30	48.6	1.46	57.7	1.72	67.3	2.00	71.6	2.15	76.4	2.30	86.0	2.61	95.1	2.93
	35	48.6	1.50	57.7	1.77	67.3	2.05	71.6	2.21	76.4	2.36	86.0	2.68	95.1	3.01
	40	48.6	1.54	57.7	1.81	67.3	2.11	71.6	2.27	76.4	2.42	86.0	2.75	95.1	3.09
	45	48.6	1.55	57.7	1.83	67.3	2.12	71.6	2.29	76.4	2.45	86.0	2.77	95.1	3.11
	50	48.6	1.57	57.7	1.84	67.3	2.14	71.6	2.31	76.4	2.47	86.0	2.80	95.1	3.14
	55	48.6	1.59	57.7	1.88	67.3	2.19	71.6	2.35	76.4	2.51	86.0	2.85	95.1	3.20
	60	48.6	1.64	57.7	1.94	67.3	2.26	71.6	2.43	76.4	2.61	86.0	2.95	95.1	3.32
	65	48.6	1.66	57.7	1.97	67.3	2.31	71.6	2.48	76.4	2.65	86.0	3.01	95.1	3.39
	70	48.6	1.70	57.7	2.03	67.3	2.37	71.6	2.54	76.4	2.72	86.0	3.10	95.1	3.52
	75	48.6	1.74	57.7	2.06	67.3	2.41	71.6	2.59	76.4	2.81	86.0	3.28	95.1	3.75
	80	48.6	1.84	57.7	2.25	67.3	2.70	71.6	2.95	76.4	3.20	86.0	3.68	95.1	4.23
	85	48.6	1.96	57.7	2.39	67.3	2.87	71.6	3.14	76.4	3.42	86.0	3.87	95.1	4.37
	90	48.6	2.20	57.7	2.70	67.3	3.25	71.6	3.55	76.4	3.84	86.0	4.33	95.1	4.76
	95	48.6	2.33	57.7	2.86	67.3	3.45	71.6	3.78	76.4	4.07	86.0	4.52	95.1	5.02
	100	48.6	2.50	57.7	3.08	67.3	3.72	71.6	4.07	76.4	4.25	86.0	4.80	95.1	5.23
	105	48.6	2.84	57.7	3.50	67.3	4.11	71.6	4.35	76.4	4.62	86.0	5.10	95.1	5.71
	110	48.6	3.20	57.7	3.98	67.3	4.43	71.6	4.61	76.4	5.00	86.0	5.45	95.1	6.22
	115	48.6	3.42	57.7	4.25	67.3	4.60	71.6	4.88	76.4	5.17	86.0	5.76	95.1	6.65
	118	48.6	3.62	57.7	4.50	67.3	4.89	71.6	5.18	76.4	5.51	83.8	5.56	83.1	6.27
	122	48.6	3.90	57.7	4.87	67.3	5.30	66.9	5.26	64.7	4.87	67.3	4.22	66.9	4.76

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 heat recovery system synchronous operating range.
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).

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	40.4	0.96	48.1	1.13	56.1	1.26	59.9	1.36	63.6	1.47	71.6	1.63	79.1	1.80
	-5	40.4	1.01	48.1	1.19	56.1	1.33	59.9	1.44	63.6	1.55	71.6	1.72	79.1	1.90
	0	40.4	1.05	48.1	1.24	56.1	1.39	59.9	1.49	63.6	1.61	71.6	1.78	79.1	1.98
	5	40.4	1.09	48.1	1.28	56.1	1.44	59.9	1.55	63.6	1.67	71.6	1.85	79.1	2.05
	10	40.4	1.12	48.1	1.32	56.1	1.48	59.9	1.59	63.6	1.71	71.6	1.90	79.1	2.11
	14	40.4	1.16	48.1	1.37	56.1	1.53	59.9	1.65	63.6	1.78	71.6	1.97	79.1	2.19
	20	40.4	1.21	48.1	1.41	56.1	1.60	59.9	1.71	63.6	1.84	71.6	2.04	79.1	2.27
	25	40.4	1.24	48.1	1.45	56.1	1.65	59.9	1.76	63.6	1.88	71.6	2.10	79.1	2.34
	30	40.4	1.28	48.1	1.48	56.1	1.70	59.9	1.81	63.6	1.93	71.6	2.16	79.1	2.41
	35	40.4	1.31	48.1	1.52	56.1	1.74	59.9	1.86	63.6	1.98	71.6	2.22	79.1	2.47
	40	40.4	1.35	48.1	1.56	56.1	1.79	59.9	1.90	63.6	2.03	71.6	2.28	79.1	2.53
	45	40.4	1.37	48.1	1.58	56.1	1.81	59.9	1.93	63.6	2.06	71.6	2.31	79.1	2.57
	50	40.4	1.38	48.1	1.61	56.1	1.84	59.9	1.96	63.6	2.09	71.6	2.34	79.1	2.61
	55	40.4	1.41	48.1	1.64	56.1	1.87	59.9	1.99	63.6	2.12	71.6	2.39	79.1	2.65
	60	40.4	1.44	48.1	1.68	56.1	1.93	59.9	2.06	63.6	2.20	71.6	2.46	79.1	2.76
	65	40.4	1.46	48.1	1.71	56.1	1.96	59.9	2.09	63.6	2.22	71.6	2.50	79.1	2.80
	70	40.4	1.50	48.1	1.74	56.1	2.00	59.9	2.15	63.6	2.28	71.6	2.58	79.1	2.89
	75	40.4	1.52	48.1	1.77	56.1	2.05	59.9	2.18	63.6	2.33	71.6	2.62	79.1	2.95
	80	40.4	1.56	48.1	1.87	56.1	2.20	59.9	2.37	63.6	2.55	71.6	2.93	79.1	3.34
	85	40.4	1.66	48.1	1.97	56.1	2.33	59.9	2.52	63.6	2.71	71.6	3.12	79.1	3.57
	90	40.4	1.86	48.1	2.21	56.1	2.62	59.9	2.83	63.6	3.05	71.6	3.52	79.1	4.04
	95	40.4	1.96	48.1	2.34	56.1	2.77	59.9	3.01	63.6	3.24	71.6	3.74	79.1	4.29
	100	40.4	2.06	48.1	2.48	56.1	2.93	59.9	3.18	63.6	3.43	71.6	3.98	79.1	4.55
	105	40.4	2.25	48.1	2.73	56.1	3.24	59.9	3.51	63.6	3.80	71.6	4.41	79.1	5.06
	110	40.4	2.49	48.1	3.02	56.1	3.59	59.9	3.90	63.6	4.23	71.6	4.92	79.1	5.66
	115	40.4	2.67	48.1	3.24	56.1	3.86	59.9	4.20	63.6	4.55	71.6	5.30	79.1	6.10
	118	40.4	2.88	48.1	3.52	56.1	4.20	59.9	4.57	63.6	4.96	71.6	5.56	79.1	6.27
	122	40.4	3.18	48.1	3.89	56.1	4.64	59.9	5.07	63.6	4.87	67.3	4.22	66.9	4.76

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 heat recovery system synchronous operating range.

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).

COOLING CAPACITY DATA



ARUM144CTE5

144,000 Btu/h 575V Outdoor 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	130.9	2.98	155.5	3.61	180.8	4.29	187.4	4.63	190.1	4.99	196.7	5.72	201.4	5.91
	-5	130.9	3.14	155.5	3.81	180.8	4.53	187.4	4.88	190.1	5.27	196.7	6.04	201.4	6.24
	0	130.9	3.27	155.5	3.97	180.8	4.71	187.4	5.08	190.1	5.48	196.7	6.28	201.4	6.49
	5	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
	10	130.9	3.49	155.5	4.23	180.8	5.02	187.4	5.42	190.1	5.84	196.7	6.70	201.4	6.92
	14	130.9	3.61	155.5	4.38	180.8	5.20	187.4	5.61	190.1	6.06	196.7	6.94	201.4	7.17
	20	130.9	3.67	155.5	4.45	180.8	5.28	187.4	5.70	190.1	6.14	196.7	7.04	201.4	7.28
	25	130.9	3.73	155.5	4.51	180.8	5.34	187.4	5.77	190.1	6.21	196.7	7.12	201.4	7.36
	30	130.9	3.78	155.5	4.57	180.8	5.40	187.4	5.84	190.1	6.28	196.7	7.20	201.4	7.45
	35	130.9	3.82	155.5	4.63	180.8	5.47	187.4	5.91	190.1	6.36	196.7	7.28	201.4	7.54
	40	130.9	3.87	155.5	4.68	180.8	5.53	187.4	5.98	190.1	6.43	196.7	7.37	201.4	7.63
	45	130.9	3.91	155.5	4.73	180.8	5.60	187.4	6.04	190.1	6.49	196.7	7.45	201.4	7.70
	50	130.9	3.95	155.5	4.77	180.8	5.65	187.4	6.10	190.1	6.56	196.7	7.52	201.4	7.78
	55	130.9	4.01	155.5	4.86	180.8	5.76	184.8	6.24	187.4	6.69	194.0	7.65	198.7	7.84
	60	130.9	4.14	155.5	5.04	178.1	6.00	180.7	6.48	182.8	6.96	189.3	7.89	194.0	7.93
	65	130.9	4.23	155.5	5.15	175.5	6.10	178.1	6.61	180.1	7.09	186.6	8.15	191.3	8.22
	70	130.9	4.07	155.5	4.95	172.2	6.08	174.2	6.70	176.8	7.35	183.3	8.16	188.0	8.24
	75	130.9	4.17	155.5	5.27	169.5	6.51	171.5	7.18	174.2	7.88	180.6	8.55	185.3	8.61
	80	130.9	4.74	155.5	6.00	164.8	7.45	166.8	8.22	169.5	9.04	175.9	9.28	180.6	9.36
	85	130.9	5.05	155.5	6.41	162.2	7.96	164.8	8.77	166.8	9.58	173.2	9.67	177.9	9.75
	90	130.9	5.72	152.9	7.29	157.5	9.04	159.5	9.99	162.2	10.34	168.5	10.42	173.2	10.52
	95	132.3	6.06	151.8	7.75	156.5	9.65	159.2	10.66	161.2	10.70	167.6	10.81	172.3	10.91
	100	132.3	6.56	149.1	8.39	153.8	10.46	156.5	11.22	158.5	11.28	165.6	11.39	170.3	11.49
	105	132.3	7.40	145.1	9.49	149.8	11.79	152.1	12.07	154.4	12.13	159.8	12.24	162.1	12.36
	110	132.3	8.31	139.1	10.69	144.9	12.86	145.4	12.93	147.5	12.97	150.6	13.10	151.2	13.22
	115	131.7	9.61	134.1	12.30	134.1	13.56	134.1	13.56	134.1	13.56	136.0	13.59	136.6	13.61
	118	114.5	8.15	116.6	10.42	116.7	11.40	116.7	11.51	116.7	11.51	118.4	11.53	117.9	11.55
	122	91.5	6.18	93.5	7.92	93.0	8.68	93.3	8.70	93.5	8.71	95.1	8.74	94.9	8.77
120%	-9.9	119.2	2.81	142.2	3.40	165.2	4.03	177.1	4.34	185.0	4.68	193.4	5.37	197.4	5.55
	-5	119.2	2.96	142.2	3.59	165.2	4.25	177.1	4.58	185.0	4.94	193.4	5.67	197.4	5.86
	0	119.2	3.08	142.2	3.73	165.2	4.42	177.1	4.77	185.0	5.14	193.4	5.89	197.4	6.09
	5	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
	10	119.2	3.28	142.2	3.98	165.2	4.71	177.1	5.08	185.0	5.48	193.4	6.28	197.4	6.50
	14	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
	20	119.2	3.46	142.2	4.19	165.2	4.96	177.1	5.35	185.0	5.76	193.4	6.60	197.4	6.83
	25	119.2	3.50	142.2	4.24	165.2	5.01	177.1	5.42	185.0	5.83	193.4	6.68	197.4	6.91
	30	119.2	3.55	142.2	4.29	165.2	5.07	177.1	5.48	185.0	5.90	193.4	6.76	197.4	6.99
	35	119.2	3.59	142.2	4.34	165.2	5.13	177.1	5.56	185.0	5.97	193.4	6.84	197.4	7.08
	40	119.2	3.63	142.2	4.40	165.2	5.20	177.1	5.62	185.0	6.04	193.4	6.93	197.4	7.17
	45	119.2	3.68	142.2	4.44	165.2	5.26	177.1	5.69	185.0	6.11	193.4	7.00	197.4	7.25
	50	119.2	3.72	142.2	4.50	165.2	5.32	177.1	5.75	185.0	6.18	193.4	7.08	197.4	7.33
	55	119.2	3.78	142.2	4.58	165.2	5.42	177.1	5.87	183.0	6.30	190.7	7.21	195.4	7.38
	60	119.2	3.90	142.2	4.74	165.2	5.65	175.8	6.10	177.8	6.55	186.0	7.43	190.0	7.56
	65	119.2	3.98	142.2	4.85	165.2	5.75	173.1	6.22	175.8	6.67	183.3	7.68	188.0	7.74
	70	119.2	3.91	142.2	4.75	165.2	5.84	169.9	6.43	171.8	7.05	180.0	7.83	184.0	7.91
	75	119.2	4.00	142.2	5.06	165.2	6.25	167.2	6.90	169.9	7.56	177.3	8.21	182.0	8.26
	80	119.2	4.55	142.2	5.76	160.6	7.15	162.6	7.89	164.6	8.67	172.6	8.91	176.6	8.99
	85	119.2	4.84	142.2	6.15	158.0	7.64	160.0	8.42	162.6	9.20	169.9	9.28	174.6	9.36
	90	119.2	5.49	142.2	6.99	153.4	8.67	155.4	9.59	157.3	9.92	165.2	10.00	169.2	10.10
	95	120.4	5.82	143.7	7.44	152.3	9.26	154.3	10.24	157.0	10.28	164.2	10.37	169.0	10.47
	100	120.4	6.30	143.7	8.05	149.7	10.04	152.3	10.77	154.3	10.83	162.2	10.93	166.3	11.03
	105	120.4	7.10	141.4	9.11	145.7	11.33	148.1	11.58	150.0	11.65	157.5	11.75	160.1	11.86
	110	120.4	7.98	137.8	10.27	142.3	12.35	142.7	12.41	144.8	12.45	149.3	12.57	149.9	12.69
	115	117.1	9.23	132.8	11.81	132.8	13.02	132.8	13.02	132.8	13.02	136.0	13.04	136.6	13.07
	118	104.5	8.15	115.4	10.00	115.6	10.95	115.6	11.05	115.6	11.05	118.4	11.07	117.9	11.09
	122	83.5	6.18	92.6	7.61	92.1	8.33	92.4	8.35	92.6	8.36	95.1	8.39	94.9	8.42

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.
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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).

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	110.4	2.58	131.7	3.12	153.0	3.69	163.7	4.00	174.3	4.29	192.0	4.90	196.1	5.08
	-5	110.4	2.73	131.7	3.29	153.0	3.90	163.7	4.23	174.3	4.53	192.0	5.17	196.1	5.36
	0	110.4	2.84	131.7	3.42	153.0	4.05	163.7	4.40	174.3	4.71	192.0	5.37	196.1	5.57
	5	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
	10	110.4	3.02	131.7	3.65	153.0	4.32	163.7	4.69	174.3	5.02	192.0	5.73	196.1	5.94
	14	110.4	3.13	131.7	3.78	153.0	4.48	163.7	4.86	174.3	5.20	192.0	5.94	196.1	6.16
	20	110.4	3.18	131.7	3.84	153.0	4.55	163.7	4.92	174.3	5.28	192.0	6.04	196.1	6.25
	25	110.4	3.22	131.7	3.89	153.0	4.60	163.7	4.98	174.3	5.35	192.0	6.12	196.1	6.33
	30	110.4	3.26	131.7	3.94	153.0	4.66	163.7	5.04	174.3	5.42	192.0	6.21	196.1	6.41
	35	110.4	3.31	131.7	4.00	153.0	4.72	163.7	5.11	174.3	5.50	192.0	6.30	196.1	6.52
	40	110.4	3.35	131.7	4.05	153.0	4.79	163.7	5.18	174.3	5.57	192.0	6.38	196.1	6.60
	45	110.4	3.41	131.7	4.12	153.0	4.87	163.7	5.27	174.3	5.66	192.0	6.49	196.1	6.71
	50	110.4	3.46	131.7	4.19	153.0	4.95	163.7	5.35	174.3	5.75	192.0	6.60	196.1	6.82
	55	110.4	3.52	131.7	4.26	153.0	5.05	163.7	5.47	174.3	5.87	189.3	6.71	193.4	6.88
	60	110.4	3.63	131.7	4.42	153.0	5.26	163.7	5.68	174.3	6.10	184.6	6.92	188.6	6.98
	65	110.4	3.71	131.7	4.51	153.0	5.35	163.7	5.79	174.3	6.21	181.9	7.15	185.9	7.21
	70	110.4	3.75	131.7	4.55	153.0	5.60	163.7	6.16	171.0	6.76	178.5	7.51	182.5	7.59
	75	110.4	3.84	131.7	4.85	153.0	5.99	163.7	6.61	168.3	7.25	175.8	7.87	179.8	7.92
	80	109.3	4.36	130.4	5.53	151.5	6.86	160.0	7.57	162.0	8.32	169.3	8.54	173.3	8.62
	85	109.3	4.65	130.4	5.90	151.5	7.32	157.4	8.07	159.4	8.82	166.6	8.90	170.6	8.97
	90	109.3	5.26	130.4	6.71	150.8	8.32	152.8	9.20	154.7	9.52	161.9	9.59	165.9	9.68
	95	109.3	5.58	130.4	7.14	148.2	8.88	150.1	9.82	152.1	9.85	159.2	9.95	163.2	10.04
	100	109.3	6.04	130.4	7.72	146.2	9.63	148.2	10.33	150.1	10.39	157.2	10.48	161.2	10.58
	105	109.3	6.81	130.4	8.73	141.6	10.86	143.6	11.11	145.5	11.17	152.5	11.27	156.4	11.38
	110	109.3	7.65	130.4	9.84	137.2	11.84	137.7	11.90	139.7	11.94	144.0	12.06	144.6	12.17
	115	109.3	8.85	130.4	11.32	131.4	12.48	131.4	12.48	132.0	12.48	134.6	12.51	135.2	12.53
	118	105.6	8.06	113.4	9.59	114.4	10.50	114.4	10.59	114.9	10.59	117.2	10.61	116.7	10.63
	122	84.4	6.12	90.9	7.29	91.2	7.99	91.4	8.01	92.1	8.02	94.1	8.04	94.0	8.08
100%	-9.9	97.1	2.27	115.7	2.74	134.4	3.25	144.0	3.54	158.3	3.83	177.5	4.42	187.4	4.61
	-5	97.1	2.40	115.7	2.89	134.4	3.43	144.0	3.74	158.3	4.04	177.5	4.67	187.4	4.86
	0	97.1	2.50	115.7	3.01	134.4	3.57	144.0	3.89	158.3	4.21	177.5	4.85	187.4	5.05
	5	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
	10	97.1	2.66	115.7	3.21	134.4	3.80	144.0	4.15	158.3	4.49	177.5	5.18	187.4	5.39
	14	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
	20	97.1	2.84	115.7	3.43	134.4	4.07	144.0	4.42	158.3	4.80	177.5	5.52	187.4	5.74
	25	97.1	2.92	115.7	3.52	134.4	4.17	144.0	4.52	158.3	4.92	177.5	5.65	187.4	5.88
	30	97.1	2.99	115.7	3.61	134.4	4.27	144.0	4.62	158.3	5.04	177.5	5.78	187.4	6.01
	35	97.1	3.03	115.7	3.67	134.4	4.34	144.0	4.70	158.3	5.12	177.5	5.88	187.4	6.11
	40	97.1	3.08	115.7	3.73	134.4	4.41	144.0	4.77	158.3	5.21	177.5	5.97	187.4	6.20
	45	97.1	3.15	115.7	3.81	134.4	4.50	144.0	4.87	158.3	5.31	177.5	6.09	187.4	6.33
	50	97.1	3.21	115.7	3.89	134.4	4.60	144.0	4.97	158.3	5.42	177.5	6.21	187.4	6.46
	55	97.1	3.27	115.7	3.96	134.4	4.69	144.0	5.08	158.3	5.53	177.5	6.32	185.4	6.56
	60	97.1	3.37	115.7	4.10	134.4	4.88	144.0	5.27	158.3	5.75	176.8	6.52	180.1	6.68
	65	97.1	3.44	115.7	4.19	134.4	4.97	144.0	5.38	158.3	5.85	174.1	6.74	178.1	6.87
	70	97.1	3.55	115.7	4.31	134.4	5.31	144.0	5.84	158.3	6.50	170.8	7.22	174.1	7.35
	75	97.1	3.64	115.7	4.60	134.4	5.68	144.0	6.27	158.3	6.97	168.2	7.57	172.2	7.66
	80	97.1	4.14	115.7	5.24	134.4	6.50	144.0	7.17	158.3	8.00	163.5	8.21	166.9	8.33
	85	97.1	4.40	115.7	5.59	134.4	6.94	144.0	7.65	157.6	8.48	160.9	8.56	164.9	8.67
	90	97.1	4.99	115.7	6.35	134.4	7.88	144.0	8.71	152.3	9.15	156.3	9.22	159.6	9.36
	95	97.1	5.29	115.7	6.76	134.4	8.41	144.0	9.30	150.3	9.48	153.6	9.57	157.6	9.70
	100	97.1	5.71	115.7	7.30	134.4	9.10	141.4	9.77	147.7	9.97	151.6	10.06	155.0	10.20
	105	97.1	6.42	115.7	8.22	133.6	10.23	137.5	10.46	143.3	10.68	147.0	10.77	150.6	10.92
	110	97.1	7.17	115.7	9.23	132.1	11.11	135.1	11.16	137.8	11.36	140.0	11.48	142.5	11.64
	115	97.1	8.24	115.7	10.54	125.7	11.63	129.6	11.63	132.8	11.80	134.1	11.82	134.7	11.90
	118	97.1	8.31	101.5	9.89	109.5	9.78	112.8	9.86	115.7	10.01	116.7	10.03	116.3	10.10
	122	83.0	7.53	81.4	7.52	87.2	7.44	90.2	7.46	92.6	7.58	93.7	7.60	93.6	7.67

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 heat recovery system synchronous operating range.
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).

COOLING CAPACITY DATA



ARUM144CTE5

144,000 Btu/h 575V Outdoor 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	87.4	2.03	104.1	2.43	121.5	2.87	129.9	3.09	138.2	3.30	154.9	3.80	171.6	4.17
	-5	87.4	2.14	104.1	2.56	121.5	3.03	129.9	3.26	138.2	3.48	154.9	4.01	171.6	4.40
	0	87.4	2.23	104.1	2.67	121.5	3.15	129.9	3.39	138.2	3.62	154.9	4.17	171.6	4.58
	5	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	4.74
	10	87.4	2.37	104.1	2.84	121.5	3.36	129.9	3.61	138.2	3.86	154.9	4.45	171.6	4.88
	14	87.4	2.46	104.1	2.95	121.5	3.48	129.9	3.74	138.2	4.00	154.9	4.61	171.6	5.06
	20	87.4	2.55	104.1	3.06	121.5	3.61	129.9	3.89	138.2	4.17	154.9	4.77	171.6	5.25
	25	87.4	2.62	104.1	3.15	121.5	3.72	129.9	4.01	138.2	4.31	154.9	4.91	171.6	5.41
	30	87.4	2.70	104.1	3.25	121.5	3.83	129.9	4.13	138.2	4.44	154.9	5.05	171.6	5.57
	35	87.4	2.78	104.1	3.35	121.5	3.94	129.9	4.25	138.2	4.58	154.9	5.20	171.6	5.75
	40	87.4	2.86	104.1	3.44	121.5	4.06	129.9	4.38	138.2	4.72	154.9	5.36	171.6	5.91
	45	87.4	2.93	104.1	3.52	121.5	4.16	129.9	4.48	138.2	4.83	154.9	5.48	171.6	6.05
	50	87.4	2.99	104.1	3.60	121.5	4.25	129.9	4.58	138.2	4.93	154.9	5.60	171.6	6.19
	55	87.4	3.03	104.1	3.66	121.5	4.32	129.9	4.67	138.2	5.03	154.9	5.71	171.6	6.24
	60	87.4	3.14	104.1	3.81	121.5	4.49	129.9	4.86	138.2	5.23	154.9	5.93	170.2	6.31
	65	87.4	3.20	104.1	3.88	121.5	4.58	129.9	4.95	138.2	5.32	154.9	6.04	169.1	6.63
	70	87.4	3.29	104.1	3.99	121.5	4.75	129.9	5.23	138.2	5.71	154.9	6.74	165.9	7.12
	75	87.4	3.34	104.1	4.18	121.5	5.08	129.9	5.60	138.2	6.13	154.9	7.03	163.3	7.44
	80	87.4	3.75	104.1	4.73	121.5	5.80	129.9	6.39	138.2	7.00	154.9	7.77	158.8	8.09
	85	87.4	3.99	104.1	5.04	121.5	6.21	129.9	6.82	138.2	7.48	153.0	8.19	156.2	8.42
	90	87.4	4.51	104.1	5.71	121.5	7.04	129.9	7.76	138.2	8.52	148.5	8.96	151.7	9.09
	95	87.4	4.80	104.1	6.06	121.5	7.50	129.9	8.28	138.2	9.09	145.9	9.30	149.1	9.43
	100	87.4	4.96	104.1	6.32	121.5	7.81	129.9	8.60	138.2	9.29	144.0	9.70	146.6	9.81
	105	87.4	5.75	104.1	7.33	121.5	8.84	129.9	9.42	136.7	9.96	139.5	10.40	141.4	10.53
	110	87.4	6.60	104.1	8.45	121.5	9.69	129.9	10.17	131.1	10.80	132.9	11.17	133.9	11.29
	115	87.4	7.15	104.1	9.16	113.8	10.21	123.1	10.64	124.9	11.15	126.0	11.39	126.6	11.54
	118	87.4	7.59	101.5	9.89	99.1	8.58	107.2	9.03	108.7	9.46	109.7	9.66	109.3	9.79
	122	83.1	7.53	81.4	7.52	79.0	6.53	85.7	6.83	87.1	7.16	88.1	7.33	88.0	7.44
80%	-9.9	77.8	1.76	92.6	2.12	108.0	2.46	115.1	2.67	122.8	2.88	137.6	3.29	152.4	3.66
	-5	77.8	1.85	92.6	2.23	108.0	2.59	115.1	2.82	122.8	3.04	137.6	3.47	152.4	3.86
	0	77.8	1.93	92.6	2.32	108.0	2.70	115.1	2.93	122.8	3.16	137.6	3.61	152.4	4.02
	5	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
	10	77.8	2.06	92.6	2.48	108.0	2.88	115.1	3.12	122.8	3.37	137.6	3.85	152.4	4.28
	14	77.8	2.13	92.6	2.57	108.0	2.98	115.1	3.24	122.8	3.49	137.6	3.98	152.4	4.44
	20	77.8	2.21	92.6	2.66	108.0	3.10	115.1	3.36	122.8	3.61	137.6	4.13	152.4	4.61
	25	77.8	2.28	92.6	2.73	108.0	3.20	115.1	3.46	122.8	3.71	137.6	4.25	152.4	4.75
	30	77.8	2.35	92.6	2.81	108.0	3.30	115.1	3.56	122.8	3.81	137.6	4.37	152.4	4.89
	35	77.8	2.41	92.6	2.89	108.0	3.39	115.1	3.65	122.8	3.92	137.6	4.49	152.4	5.03
	40	77.8	2.48	92.6	2.97	108.0	3.48	115.1	3.76	122.8	4.02	137.6	4.61	152.4	5.17
	45	77.8	2.51	92.6	3.00	108.0	3.53	115.1	3.81	122.8	4.07	137.6	4.68	152.4	5.24
	50	77.8	2.54	92.6	3.05	108.0	3.58	115.1	3.86	122.8	4.13	137.6	4.74	152.4	5.31
	55	77.8	2.58	92.6	3.10	108.0	3.64	115.1	3.93	122.8	4.21	137.6	4.83	152.4	5.40
	60	77.8	2.67	92.6	3.20	108.0	3.77	115.1	4.07	122.8	4.38	137.6	5.00	152.4	5.62
	65	77.8	2.71	92.6	3.27	108.0	3.85	115.1	4.15	122.8	4.47	137.6	5.09	152.4	5.75
	70	77.8	2.79	92.6	3.36	108.0	3.97	115.1	4.28	122.8	4.65	137.6	5.49	152.4	6.36
	75	77.8	2.84	92.6	3.42	108.0	4.16	115.1	4.56	122.8	4.96	137.6	5.84	152.4	6.70
	80	77.8	3.11	92.6	3.89	108.0	4.74	115.1	5.18	122.8	5.66	137.6	6.72	152.4	7.49
	85	77.8	3.32	92.6	4.13	108.0	5.05	115.1	5.53	122.8	6.06	137.6	7.16	152.4	7.68
	90	77.8	3.73	92.6	4.69	108.0	5.71	115.1	6.28	122.8	6.88	137.6	7.87	149.9	8.14
	95	77.8	3.97	92.6	4.96	108.0	6.10	115.1	6.67	122.8	7.32	137.6	8.14	146.6	8.36
	100	77.8	4.28	92.6	5.35	108.0	6.57	115.1	7.14	122.8	7.61	137.6	8.47	143.4	8.63
	105	77.8	4.87	92.6	6.12	108.0	7.32	115.1	7.66	122.8	8.17	135.9	8.81	139.2	9.06
	110	77.8	5.53	92.6	6.98	108.0	7.77	115.1	8.18	122.8	8.80	131.1	9.13	131.8	9.52
	115	77.8	5.92	92.6	7.45	108.0	8.02	115.1	8.60	115.1	9.00	115.8	9.34	115.8	9.90
	118	77.8	6.28	92.6	7.92	99.1	8.58	101.1	8.17	100.2	7.64	100.8	7.92	99.9	8.40
	122	77.8	6.79	81.7	7.47	79.0	6.53	80.8	6.17	80.3	5.78	80.9	6.01	80.4	6.39

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 heat recovery system synchronous operating range.
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).

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	68.1	1.55	81.0	1.84	94.5	2.17	100.9	2.32	107.4	2.47	120.2	2.83	133.7	3.17
	-5	68.1	1.64	81.0	1.94	94.5	2.29	100.9	2.45	107.4	2.61	120.2	2.99	133.7	3.35
	0	68.1	1.70	81.0	2.02	94.5	2.38	100.9	2.55	107.4	2.71	120.2	3.11	133.7	3.48
	5	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
	10	68.1	1.81	81.0	2.16	94.5	2.54	100.9	2.72	107.4	2.89	120.2	3.32	133.7	3.71
	14	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
	20	68.1	1.95	81.0	2.31	94.5	2.71	100.9	2.91	107.4	3.10	120.2	3.55	133.7	3.98
	25	68.1	2.00	81.0	2.37	94.5	2.78	100.9	2.99	107.4	3.19	120.2	3.64	133.7	4.08
	30	68.1	2.05	81.0	2.43	94.5	2.85	100.9	3.06	107.4	3.28	120.2	3.73	133.7	4.19
	35	68.1	2.11	81.0	2.50	94.5	2.93	100.9	3.14	107.4	3.37	120.2	3.82	133.7	4.31
	40	68.1	2.16	81.0	2.56	94.5	3.00	100.9	3.23	107.4	3.45	120.2	3.93	133.7	4.41
	45	68.1	2.19	81.0	2.60	94.5	3.05	100.9	3.28	107.4	3.51	120.2	3.99	133.7	4.48
	50	68.1	2.23	81.0	2.65	94.5	3.10	100.9	3.33	107.4	3.57	120.2	4.06	133.7	4.56
	55	68.1	2.27	81.0	2.70	94.5	3.15	100.9	3.38	107.4	3.63	120.2	4.13	133.7	4.65
	60	68.1	2.34	81.0	2.79	94.5	3.27	100.9	3.51	107.4	3.76	120.2	4.29	133.7	4.83
	65	68.1	2.38	81.0	2.84	94.5	3.32	100.9	3.58	107.4	3.84	120.2	4.37	133.7	4.91
	70	68.1	2.44	81.0	2.92	94.5	3.42	100.9	3.68	107.4	3.95	120.2	4.52	133.7	5.22
	75	68.1	2.48	81.0	2.97	94.5	3.49	100.9	3.81	107.4	4.13	120.2	4.83	133.7	5.53
	80	68.1	2.67	81.0	3.28	94.5	3.97	100.9	4.33	107.4	4.69	120.2	5.34	133.7	6.13
	85	68.1	2.84	81.0	3.49	94.5	4.22	100.9	4.61	107.4	5.05	120.2	5.69	133.7	6.39
	90	68.1	3.19	81.0	3.94	94.5	4.78	100.9	5.22	107.4	5.71	120.2	6.34	133.7	6.93
	95	68.1	3.37	81.0	4.19	94.5	5.09	100.9	5.57	107.4	6.06	120.2	6.67	133.7	7.14
	100	68.1	3.64	81.0	4.52	94.5	5.49	100.9	6.01	107.4	6.24	120.2	6.99	133.7	7.34
	105	68.1	4.13	81.0	5.15	94.5	6.05	100.9	6.41	107.4	6.78	120.2	7.36	133.7	7.77
	110	68.1	4.65	81.0	5.84	94.5	6.41	100.9	6.79	107.4	7.35	120.2	7.66	129.9	8.36
	115	68.1	5.00	81.0	6.23	94.5	6.63	100.9	7.18	107.4	7.56	120.2	7.89	122.4	8.90
	118	68.1	5.31	81.0	6.61	94.5	7.04	100.9	7.61	97.7	7.56	100.8	6.70	99.9	7.55
	122	68.1	5.73	81.0	7.16	84.3	6.72	80.6	6.26	78.2	5.73	80.9	5.08	80.4	5.74
60%	-9.9	58.5	1.34	69.4	1.56	81.0	1.83	86.1	1.96	91.9	2.11	103.5	2.39	114.4	2.67
	-5	58.5	1.42	69.4	1.65	81.0	1.93	86.1	2.06	91.9	2.22	103.5	2.52	114.4	2.81
	0	58.5	1.48	69.4	1.71	81.0	2.01	86.1	2.15	91.9	2.31	103.5	2.62	114.4	2.93
	5	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
	10	58.5	1.57	69.4	1.83	81.0	2.14	86.1	2.29	91.9	2.47	103.5	2.79	114.4	3.12
	14	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	3.23
	20	58.5	1.68	69.4	1.96	81.0	2.29	86.1	2.46	91.9	2.64	103.5	2.99	114.4	3.35
	25	58.5	1.72	69.4	2.02	81.0	2.35	86.1	2.52	91.9	2.71	103.5	3.07	114.4	3.44
	30	58.5	1.76	69.4	2.08	81.0	2.41	86.1	2.59	91.9	2.77	103.5	3.15	114.4	3.53
	35	58.5	1.80	69.4	2.13	81.0	2.47	86.1	2.66	91.9	2.85	103.5	3.23	114.4	3.63
	40	58.5	1.85	69.4	2.18	81.0	2.54	86.1	2.73	91.9	2.92	103.5	3.31	114.4	3.72
	45	58.5	1.87	69.4	2.20	81.0	2.56	86.1	2.75	91.9	2.95	103.5	3.34	114.4	3.75
	50	58.5	1.89	69.4	2.22	81.0	2.58	86.1	2.78	91.9	2.97	103.5	3.37	114.4	3.78
	55	58.5	1.91	69.4	2.26	81.0	2.64	86.1	2.83	91.9	3.02	103.5	3.44	114.4	3.85
	60	58.5	1.98	69.4	2.34	81.0	2.73	86.1	2.93	91.9	3.14	103.5	3.55	114.4	4.00
	65	58.5	2.00	69.4	2.38	81.0	2.78	86.1	2.98	91.9	3.19	103.5	3.63	114.4	4.08
	70	58.5	2.05	69.4	2.44	81.0	2.85	86.1	3.06	91.9	3.28	103.5	3.73	114.4	4.24
	75	58.5	2.09	69.4	2.48	81.0	2.91	86.1	3.13	91.9	3.38	103.5	3.95	114.4	4.51
	80	58.5	2.22	69.4	2.71	81.0	3.26	86.1	3.55	91.9	3.85	103.5	4.43	114.4	5.10
	85	58.5	2.36	69.4	2.88	81.0	3.46	86.1	3.78	91.9	4.12	103.5	4.66	114.4	5.26
	90	58.5	2.65	69.4	3.26	81.0	3.91	86.1	4.28	91.9	4.63	103.5	5.21	114.4	5.74
	95	58.5	2.80	69.4	3.45	81.0	4.16	86.1	4.56	91.9	4.90	103.5	5.45	114.4	6.04
	100	58.5	3.01	69.4	3.71	81.0	4.48	86.1	4.91	91.9	5.12	103.5	5.78	114.4	6.30
	105	58.5	3.42	69.4	4.22	81.0	4.95	86.1	5.24	91.9	5.57	103.5	6.14	114.4	6.87
	110	58.5	3.85	69.4	4.79	81.0	5.34	86.1	5.55	91.9	6.02	103.5	6.56	114.4	7.50
	115	58.5	4.12	69.4	5.12	81.0	5.55	86.1	5.88	91.9	6.23	103.5	6.94	114.4	8.01
	118	58.5	4.36	69.4	5.42	81.0	5.89	86.1	6.24	91.9	6.63	100.8	6.70	99.9	7.55
	122	58.5	4.70	69.4	5.87	81.0	6.38	80.5	6.33	77.9	5.87	80.9	5.08	80.4	5.74

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 heat recovery system synchronous operating range.
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).

COOLING CAPACITY DATA



ARUM144CTE5

144,000 Btu/h 575V Outdoor 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
50%		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
	-9.9	48.6	1.16	57.9	1.36	67.5	1.52	72.0	1.64	76.5	1.77	86.1	1.96	95.1	2.17
	-5	48.6	1.22	57.9	1.43	67.5	1.61	72.0	1.73	76.5	1.86	86.1	2.07	95.1	2.29
	0	48.6	1.27	57.9	1.49	67.5	1.67	72.0	1.80	76.5	1.94	86.1	2.15	95.1	2.38
	5	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
	10	48.6	1.35	57.9	1.59	67.5	1.78	72.0	1.92	76.5	2.07	86.1	2.29	95.1	2.54
	14	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
	20	48.6	1.45	57.9	1.70	67.5	1.92	72.0	2.06	76.5	2.21	86.1	2.46	95.1	2.73
	25	48.6	1.50	57.9	1.74	67.5	1.99	72.0	2.12	76.5	2.27	86.1	2.53	95.1	2.82
	30	48.6	1.54	57.9	1.79	67.5	2.05	72.0	2.18	76.5	2.33	86.1	2.61	95.1	2.90
	35	48.6	1.58	57.9	1.83	67.5	2.10	72.0	2.24	76.5	2.39	86.1	2.68	95.1	2.98
	40	48.6	1.62	57.9	1.88	67.5	2.16	72.0	2.29	76.5	2.45	86.1	2.74	95.1	3.05
	45	48.6	1.65	57.9	1.91	67.5	2.19	72.0	2.33	76.5	2.48	86.1	2.78	95.1	3.10
	50	48.6	1.67	57.9	1.93	67.5	2.22	72.0	2.36	76.5	2.52	86.1	2.82	95.1	3.14
	55	48.6	1.70	57.9	1.97	67.5	2.25	72.0	2.40	76.5	2.56	86.1	2.88	95.1	3.19
	60	48.6	1.74	57.9	2.02	67.5	2.33	72.0	2.48	76.5	2.64	86.1	2.96	95.1	3.32
	65	48.6	1.76	57.9	2.06	67.5	2.36	72.0	2.52	76.5	2.68	86.1	3.02	95.1	3.37
	70	48.6	1.81	57.9	2.09	67.5	2.41	72.0	2.59	76.5	2.75	86.1	3.11	95.1	3.48
	75	48.6	1.83	57.9	2.13	67.5	2.47	72.0	2.63	76.5	2.80	86.1	3.16	95.1	3.55
	80	48.6	1.88	57.9	2.25	67.5	2.64	72.0	2.86	76.5	3.07	86.1	3.53	95.1	4.03
	85	48.6	2.01	57.9	2.38	67.5	2.80	72.0	3.03	76.5	3.27	86.1	3.76	95.1	4.30
	90	48.6	2.24	57.9	2.66	67.5	3.16	72.0	3.41	76.5	3.67	86.1	4.24	95.1	4.86
	95	48.6	2.36	57.9	2.82	67.5	3.34	72.0	3.62	76.5	3.90	86.1	4.51	95.1	5.16
	100	48.6	2.48	57.9	2.98	67.5	3.53	72.0	3.83	76.5	4.14	86.1	4.79	95.1	5.48
	105	48.6	2.72	57.9	3.29	67.5	3.91	72.0	4.23	76.5	4.58	86.1	5.31	95.1	6.10
	110	48.6	3.00	57.9	3.64	67.5	4.33	72.0	4.70	76.5	5.09	86.1	5.93	95.1	6.82
	115	48.6	3.21	57.9	3.90	67.5	4.65	72.0	5.06	76.5	5.48	86.1	6.39	95.1	7.35
	118	48.6	3.47	57.9	4.24	67.5	5.05	72.0	5.50	76.5	5.97	86.1	6.70	95.1	7.55
	122	48.6	3.83	57.9	4.68	67.5	5.59	72.0	6.11	76.5	5.87	80.9	5.08	80.4	5.74

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 heat recovery system synchronous operating range.
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).

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	3.92	181.5	4.75	210.9	5.64	218.7	6.09	221.8	6.57	229.5	7.53	235.0	7.78
	-5	152.8	4.13	181.5	5.01	210.9	5.95	218.7	6.42	221.8	6.93	229.5	7.94	235.0	8.21
	0	152.8	4.30	181.5	5.22	210.9	6.19	218.7	6.68	221.8	7.21	229.5	8.26	235.0	8.54
	5	152.8	4.46	181.5	5.41	210.9	6.42	218.7	6.93	221.8	7.47	229.5	8.56	235.0	8.85
	10	152.8	4.58	181.5	5.56	210.9	6.60	218.7	7.12	221.8	7.69	229.5	8.81	235.0	9.10
	14	152.8	4.75	181.5	5.76	210.9	6.84	218.7	7.38	221.8	7.96	229.5	9.13	235.0	9.43
	20	152.8	4.83	181.5	5.86	210.9	6.94	218.7	7.50	221.8	8.07	229.5	9.26	235.0	9.57
	25	152.8	4.90	181.5	5.93	210.9	7.02	218.7	7.59	221.8	8.17	229.5	9.36	235.0	9.68
	30	152.8	4.97	181.5	6.01	210.9	7.11	218.7	7.68	221.8	8.26	229.5	9.47	235.0	9.80
	35	152.8	5.02	181.5	6.09	210.9	7.19	218.7	7.77	221.8	8.36	229.5	9.58	235.0	9.91
	40	152.8	5.09	181.5	6.15	210.9	7.28	218.7	7.87	221.8	8.46	229.5	9.69	235.0	10.03
	45	152.8	5.14	181.5	6.22	210.9	7.36	218.7	7.95	221.8	8.54	229.5	9.80	235.0	10.13
	50	152.8	5.19	181.5	6.28	210.9	7.43	218.7	8.03	221.8	8.63	229.5	9.89	235.0	10.24
	55	152.8	5.28	181.5	6.39	210.9	7.57	215.6	8.20	218.7	8.80	226.4	10.06	231.8	10.31
	60	152.8	5.45	181.5	6.62	207.8	7.89	210.8	8.52	213.3	9.15	220.9	10.38	226.4	10.42
	65	152.8	5.56	181.5	6.77	204.7	8.03	207.8	8.69	210.2	9.32	217.7	10.72	223.2	10.81
	70	152.8	5.35	181.5	6.50	200.9	8.00	203.2	8.80	206.3	9.66	213.8	10.73	219.3	10.84
	75	152.8	5.49	181.5	6.93	197.8	8.56	200.1	9.45	203.2	10.36	210.7	11.24	216.2	11.32
	80	152.8	6.24	181.5	7.89	192.3	9.79	194.7	10.81	197.8	11.88	205.2	12.20	210.7	12.31
	85	152.8	6.64	181.5	8.43	189.2	10.46	192.3	11.53	194.7	12.60	202.1	12.71	207.6	12.82
	90	152.8	7.52	178.4	9.58	183.8	11.88	186.1	13.14	189.2	13.59	196.6	13.70	202.1	13.84
	95	154.4	7.97	177.1	10.20	182.6	12.68	185.7	14.02	188.1	14.08	195.5	14.21	201.1	14.34
	100	154.4	8.63	174.0	11.03	179.5	13.75	182.6	14.76	185.0	14.84	193.1	14.98	198.7	15.11
	105	154.4	9.73	169.3	12.48	174.8	15.51	177.5	15.87	180.2	15.95	186.4	16.10	189.1	16.25
	110	154.4	10.93	162.3	14.06	169.1	16.92	169.6	17.00	172.1	17.06	175.7	17.22	176.4	17.39
	115	153.6	12.64	156.4	16.17	156.4	17.83	156.4	17.83	156.4	17.83	158.7	17.87	159.4	17.90
	118	133.6	10.71	136.0	13.70	136.2	15.00	136.2	15.13	136.2	15.13	138.2	15.16	137.6	15.19
	122	106.7	8.13	109.1	10.42	108.5	11.42	108.8	11.44	109.1	11.46	110.9	11.49	110.8	11.54
120%	-9.9	139.0	3.69	165.9	4.47	192.8	5.30	206.6	5.71	215.8	6.16	225.6	7.06	230.3	7.30
	-5	139.0	3.89	165.9	4.72	192.8	5.59	206.6	6.03	215.8	6.50	225.6	7.45	230.3	7.70
	0	139.0	4.05	165.9	4.91	192.8	5.81	206.6	6.27	215.8	6.76	225.6	7.75	230.3	8.01
	5	139.0	4.20	165.9	5.09	192.8	6.03	206.6	6.50	215.8	7.01	225.6	8.03	230.3	8.30
	10	139.0	4.32	165.9	5.24	192.8	6.20	206.6	6.69	215.8	7.21	225.6	8.27	230.3	8.54
	14	139.0	4.48	165.9	5.43	192.8	6.42	206.6	6.93	215.8	7.47	225.6	8.56	230.3	8.85
	20	139.0	4.55	165.9	5.51	192.8	6.52	206.6	7.03	215.8	7.58	225.6	8.69	230.3	8.98
	25	139.0	4.60	165.9	5.57	192.8	6.59	206.6	7.12	215.8	7.67	225.6	8.79	230.3	9.09
	30	139.0	4.66	165.9	5.64	192.8	6.67	206.6	7.21	215.8	7.75	225.6	8.89	230.3	9.20
	35	139.0	4.72	165.9	5.71	192.8	6.75	206.6	7.31	215.8	7.85	225.6	8.99	230.3	9.31
	40	139.0	4.78	165.9	5.78	192.8	6.84	206.6	7.39	215.8	7.95	225.6	9.11	230.3	9.43
	45	139.0	4.84	165.9	5.84	192.8	6.92	206.6	7.48	215.8	8.04	225.6	9.21	230.3	9.54
	50	139.0	4.89	165.9	5.91	192.8	6.99	206.6	7.56	215.8	8.13	225.6	9.32	230.3	9.64
	55	139.0	4.97	165.9	6.02	192.8	7.13	206.6	7.72	213.5	8.29	222.5	9.48	228.0	9.71
	60	139.0	5.13	165.9	6.24	192.8	7.43	205.1	8.02	207.4	8.61	217.0	9.77	221.7	9.95
	65	139.0	5.24	165.9	6.37	192.8	7.56	202.0	8.18	205.1	8.78	213.9	10.10	219.4	10.18
	70	139.0	5.14	165.9	6.24	192.8	7.68	198.2	8.45	200.5	9.27	210.0	10.30	214.7	10.40
	75	139.0	5.27	165.9	6.65	192.8	8.22	195.1	9.07	198.2	9.94	206.8	10.79	212.3	10.87
	80	139.0	5.99	165.9	7.58	187.4	9.40	189.7	10.38	192.0	11.41	201.3	11.72	206.0	11.82
	85	139.0	6.37	165.9	8.09	184.3	10.05	186.6	11.07	189.7	12.10	198.2	12.20	203.7	12.31
	90	139.0	7.22	165.9	9.20	179.0	11.41	181.3	12.61	183.6	13.05	192.7	13.15	197.4	13.28
	95	140.5	7.66	167.7	9.79	177.7	12.18	180.1	13.46	183.2	13.51	191.6	13.64	197.1	13.77
	100	140.5	8.29	167.7	10.59	174.6	13.20	177.7	14.17	180.1	14.25	189.2	14.38	194.0	14.51
	105	140.5	9.34	165.0	11.99	170.0	14.90	172.7	15.23	175.0	15.32	183.7	15.45	186.8	15.59
	110	140.5	10.49	160.8	13.50	166.0	16.24	166.5	16.32	169.0	16.37	174.2	16.53	174.9	16.69
	115	136.6	12.14	154.9	15.53	154.9	17.12	154.9	17.12	154.9	17.12	158.7	17.15	159.4	17.18
	118	122.0	10.71	134.7	13.15	134.9	14.40	134.9	14.53	134.9	14.53	138.2	14.55	137.6	14.58
	122	97.5	8.13	108.0	10.00	107.5	10.96	107.8	10.99	108.0	11.00	111.0	11.03	110.8	11.08

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 heat recovery system synchronous operating range.
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).

COOLING CAPACITY DATA



ARUM168CTE5

168,000 Btu/h 575V Outdoor 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	128.8	3.40	153.7	4.10	178.5	4.86	190.9	5.27	203.4	5.64	224.0	6.44	228.8	6.68
	-5	128.8	3.58	153.7	4.32	178.5	5.13	190.9	5.56	203.4	5.95	224.0	6.79	228.8	7.05
	0	128.8	3.73	153.7	4.50	178.5	5.33	190.9	5.78	203.4	6.19	224.0	7.07	228.8	7.33
	5	128.8	3.86	153.7	4.66	178.5	5.53	190.9	5.99	203.4	6.42	224.0	7.32	228.8	7.60
	10	128.8	3.98	153.7	4.80	178.5	5.69	190.9	6.16	203.4	6.60	224.0	7.54	228.8	7.82
	14	128.8	4.12	153.7	4.97	178.5	5.89	190.9	6.39	203.4	6.84	224.0	7.81	228.8	8.10
	20	128.8	4.18	153.7	5.05	178.5	5.98	190.9	6.48	203.4	6.95	224.0	7.94	228.8	8.23
	25	128.8	4.23	153.7	5.12	178.5	6.05	190.9	6.55	203.4	7.03	224.0	8.05	228.8	8.33
	30	128.8	4.28	153.7	5.18	178.5	6.13	190.9	6.62	203.4	7.12	224.0	8.16	228.8	8.43
	35	128.8	4.35	153.7	5.25	178.5	6.21	190.9	6.72	203.4	7.23	224.0	8.28	228.8	8.57
	40	128.8	4.41	153.7	5.33	178.5	6.30	190.9	6.81	203.4	7.33	224.0	8.40	228.8	8.68
	45	128.8	4.48	153.7	5.41	178.5	6.40	190.9	6.93	203.4	7.45	224.0	8.54	228.8	8.83
	50	128.8	4.55	153.7	5.51	178.5	6.51	190.9	7.04	203.4	7.57	224.0	8.67	228.8	8.96
	55	128.8	4.63	153.7	5.61	178.5	6.64	190.9	7.19	203.4	7.72	220.9	8.82	225.6	9.05
	60	128.8	4.78	153.7	5.81	178.5	6.91	190.9	7.47	203.4	8.02	215.3	9.10	220.1	9.18
	65	128.8	4.88	153.7	5.93	178.5	7.04	190.9	7.62	203.4	8.17	212.2	9.40	216.9	9.48
	70	128.8	4.93	153.7	5.99	178.5	7.37	190.9	8.10	199.5	8.89	208.2	9.88	213.0	9.98
	75	128.8	5.05	153.7	6.38	178.5	7.88	190.9	8.70	196.4	9.53	205.0	10.35	209.8	10.42
	80	127.5	5.74	152.1	7.27	176.7	9.02	186.7	9.95	189.0	10.94	197.5	11.23	202.2	11.33
	85	127.5	6.11	152.1	7.76	176.7	9.63	183.6	10.62	185.9	11.60	194.3	11.70	199.0	11.80
	90	127.5	6.92	152.1	8.82	175.9	10.94	178.2	12.10	180.5	12.51	188.8	12.61	193.6	12.74
	95	127.5	7.34	152.1	9.39	172.9	11.68	175.2	12.91	177.5	12.96	185.7	13.08	190.4	13.20
	100	127.5	7.95	152.1	10.15	170.5	12.66	172.9	13.59	175.2	13.66	183.4	13.79	188.1	13.91
	105	127.5	8.96	152.1	11.48	165.2	14.28	167.5	14.62	169.8	14.69	178.0	14.82	182.5	14.96
	110	127.5	10.06	152.1	12.94	160.1	15.57	160.6	15.65	163.0	15.70	168.0	15.85	168.7	16.01
	115	127.5	11.64	152.1	14.89	153.3	16.42	153.3	16.42	154.0	16.42	157.1	16.45	157.8	16.48
	118	123.2	10.60	132.3	12.61	133.5	13.80	133.5	13.93	134.1	13.93	136.8	13.95	136.2	13.98
	122	98.5	8.04	106.1	9.59	106.4	10.51	106.7	10.53	107.4	10.55	109.8	10.58	109.6	10.62
100%	-9.9	113.3	2.99	135.0	3.61	156.8	4.27	168.0	4.66	184.6	5.04	207.0	5.82	218.6	6.06
	-5	113.3	3.15	135.0	3.81	156.8	4.51	168.0	4.91	184.6	5.32	207.0	6.14	218.6	6.39
	0	113.3	3.28	135.0	3.96	156.8	4.69	168.0	5.11	184.6	5.53	207.0	6.38	218.6	6.65
	5	113.3	3.40	135.0	4.10	156.8	4.86	168.0	5.30	184.6	5.73	207.0	6.62	218.6	6.89
	10	113.3	3.50	135.0	4.22	156.8	5.00	168.0	5.45	184.6	5.90	207.0	6.81	218.6	7.09
	14	113.3	3.63	135.0	4.37	156.8	5.18	168.0	5.65	184.6	6.11	207.0	7.05	218.6	7.35
	20	113.3	3.74	135.0	4.52	156.8	5.35	168.0	5.81	184.6	6.31	207.0	7.26	218.6	7.55
	25	113.3	3.83	135.0	4.64	156.8	5.49	168.0	5.94	184.6	6.47	207.0	7.43	218.6	7.73
	30	113.3	3.93	135.0	4.75	156.8	5.62	168.0	6.08	184.6	6.63	207.0	7.60	218.6	7.90
	35	113.3	3.99	135.0	4.83	156.8	5.71	168.0	6.18	184.6	6.74	207.0	7.73	218.6	8.04
	40	113.3	4.06	135.0	4.91	156.8	5.80	168.0	6.27	184.6	6.85	207.0	7.85	218.6	8.16
	45	113.3	4.15	135.0	5.01	156.8	5.92	168.0	6.41	184.6	6.98	207.0	8.01	218.6	8.33
	50	113.3	4.22	135.0	5.11	156.8	6.04	168.0	6.54	184.6	7.13	207.0	8.17	218.6	8.50
	55	113.3	4.29	135.0	5.20	156.8	6.16	168.0	6.68	184.6	7.27	207.0	8.32	216.3	8.62
	60	113.3	4.43	135.0	5.39	156.8	6.42	168.0	6.93	184.6	7.56	206.3	8.58	210.1	8.78
	65	113.3	4.53	135.0	5.51	156.8	6.54	168.0	7.07	184.6	7.70	203.2	8.86	207.8	9.04
	70	113.3	4.67	135.0	5.67	156.8	6.98	168.0	7.68	184.6	8.55	199.3	9.50	203.2	9.67
	75	113.3	4.78	135.0	6.04	156.8	7.47	168.0	8.24	184.6	9.17	196.2	9.95	200.9	10.07
	80	113.3	5.44	135.0	6.89	156.8	8.54	168.0	9.43	184.6	10.52	190.8	10.80	194.7	10.95
	85	113.3	5.79	135.0	7.35	156.8	9.13	168.0	10.06	183.9	11.16	187.7	11.25	192.4	11.40
	90	113.3	6.56	135.0	8.36	156.8	10.36	168.0	11.46	177.7	12.03	182.3	12.13	186.2	12.31
	95	113.3	6.96	135.0	8.89	156.8	11.06	168.0	12.23	175.4	12.46	179.2	12.58	183.9	12.76
	100	113.3	7.51	135.0	9.60	156.8	11.96	165.0	12.84	172.4	13.11	176.9	13.23	180.9	13.41
	105	113.3	8.44	135.0	10.81	155.9	13.45	160.4	13.76	167.2	14.04	171.5	14.16	175.7	14.36
	110	113.3	9.43	135.0	12.14	154.1	14.60	157.6	14.68	160.8	14.95	163.3	15.09	166.3	15.31
	115	113.3	10.84	135.0	13.86	146.7	15.29	151.2	15.29	155.0	15.52	156.4	15.54	157.1	15.65
	118	113.3	10.93	118.4	13.00	127.7	12.86	131.6	12.97	134.9	13.17	136.2	13.19	135.6	13.28
	122	96.9	9.90	95.0	9.89	101.8	9.79	105.2	9.81	108.1	9.97	109.4	10.00	109.2	10.09

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 heat recovery system synchronous operating range.
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).

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	102.0	2.67	121.5	3.20	141.8	3.77	151.5	4.06	161.3	4.34	180.8	5.00	200.3	5.48
	-5	102.0	2.81	121.5	3.37	141.8	3.98	151.5	4.28	161.3	4.58	180.8	5.27	200.3	5.79
	0	102.0	2.93	121.5	3.51	141.8	4.14	151.5	4.46	161.3	4.76	180.8	5.48	200.3	6.02
	5	102.0	3.03	121.5	3.64	141.8	4.29	151.5	4.62	161.3	4.94	180.8	5.68	200.3	6.24
	10	102.0	3.12	121.5	3.74	141.8	4.42	151.5	4.75	161.3	5.08	180.8	5.85	200.3	6.42
	14	102.0	3.23	121.5	3.88	141.8	4.58	151.5	4.92	161.3	5.26	180.8	6.06	200.3	6.65
	20	102.0	3.35	121.5	4.02	141.8	4.75	151.5	5.11	161.3	5.48	180.8	6.28	200.3	6.91
	25	102.0	3.45	121.5	4.15	141.8	4.89	151.5	5.27	161.3	5.66	180.8	6.46	200.3	7.12
	30	102.0	3.55	121.5	4.27	141.8	5.03	151.5	5.43	161.3	5.84	180.8	6.64	200.3	7.33
	35	102.0	3.66	121.5	4.40	141.8	5.19	151.5	5.59	161.3	6.02	180.8	6.84	200.3	7.56
	40	102.0	3.76	121.5	4.53	141.8	5.34	151.5	5.76	161.3	6.20	180.8	7.04	200.3	7.78
	45	102.0	3.85	121.5	4.64	141.8	5.47	151.5	5.89	161.3	6.35	180.8	7.20	200.3	7.96
	50	102.0	3.94	121.5	4.74	141.8	5.59	151.5	6.03	161.3	6.49	180.8	7.37	200.3	8.13
	55	102.0	3.98	121.5	4.81	141.8	5.69	151.5	6.15	161.3	6.61	180.8	7.51	200.3	8.21
	60	102.0	4.13	121.5	5.01	141.8	5.90	151.5	6.39	161.3	6.88	180.8	7.80	198.6	8.30
	65	102.0	4.20	121.5	5.10	141.8	6.03	151.5	6.51	161.3	7.00	180.8	7.95	197.3	8.72
	70	102.0	4.32	121.5	5.25	141.8	6.24	151.5	6.88	161.3	7.51	180.8	8.87	193.5	9.37
	75	102.0	4.40	121.5	5.49	141.8	6.68	151.5	7.36	161.3	8.07	180.8	9.25	190.5	9.78
	80	102.0	4.93	121.5	6.22	141.8	7.63	151.5	8.41	161.3	9.21	180.8	10.22	185.3	10.64
	85	102.0	5.25	121.5	6.63	141.8	8.16	151.5	8.97	161.3	9.84	178.5	10.77	182.3	11.08
	90	102.0	5.93	121.5	7.51	141.8	9.26	151.5	10.20	161.3	11.20	173.3	11.78	177.0	11.96
	95	102.0	6.32	121.5	7.97	141.8	9.86	151.5	10.88	161.3	11.95	170.3	12.23	174.0	12.40
	100	102.0	6.52	121.5	8.31	141.8	10.28	151.5	11.32	161.3	12.22	168.0	12.76	171.0	12.90
	105	102.0	7.56	121.5	9.64	141.8	11.62	151.5	12.39	159.4	13.10	162.8	13.67	165.0	13.84
	110	102.0	8.68	121.5	11.11	141.8	12.75	151.5	13.38	153.0	14.20	155.0	14.69	156.3	14.85
	115	102.0	9.40	121.5	12.05	132.8	13.42	143.6	14.00	145.7	14.66	147.0	14.98	147.7	15.17
	118	102.0	9.98	118.4	13.00	115.6	11.29	125.1	11.88	126.8	12.44	128.0	12.71	127.5	12.87
	122	96.9	9.90	95.0	9.89	92.1	8.59	99.9	8.98	101.6	9.42	102.8	9.63	102.6	9.78
80%	-9.9	90.7	2.31	108.0	2.78	126.0	3.23	134.3	3.51	143.3	3.78	160.5	4.32	177.8	4.81
	-5	90.7	2.44	108.0	2.94	126.0	3.41	134.3	3.70	143.3	3.99	160.5	4.56	177.8	5.08
	0	90.7	2.53	108.0	3.05	126.0	3.55	134.3	3.85	143.3	4.15	160.5	4.74	177.8	5.28
	5	90.7	2.63	108.0	3.17	126.0	3.68	134.3	3.99	143.3	4.31	160.5	4.92	177.8	5.48
	10	90.7	2.70	108.0	3.26	126.0	3.78	134.3	4.11	143.3	4.43	160.5	5.06	177.8	5.63
	14	90.7	2.80	108.0	3.37	126.0	3.92	134.3	4.26	143.3	4.59	160.5	5.24	177.8	5.84
	20	90.7	2.91	108.0	3.50	126.0	4.08	134.3	4.42	143.3	4.75	160.5	5.43	177.8	6.06
	25	90.7	3.00	108.0	3.60	126.0	4.21	134.3	4.55	143.3	4.88	160.5	5.59	177.8	6.25
	30	90.7	3.09	108.0	3.70	126.0	4.34	134.3	4.68	143.3	5.01	160.5	5.75	177.8	6.44
	35	90.7	3.17	108.0	3.80	126.0	4.46	134.3	4.81	143.3	5.15	160.5	5.91	177.8	6.62
	40	90.7	3.26	108.0	3.90	126.0	4.58	134.3	4.94	143.3	5.29	160.5	6.07	177.8	6.79
	45	90.7	3.30	108.0	3.95	126.0	4.65	134.3	5.01	143.3	5.36	160.5	6.15	177.8	6.89
	50	90.7	3.35	108.0	4.01	126.0	4.71	134.3	5.08	143.3	5.44	160.5	6.23	177.8	6.98
	55	90.8	3.40	108.0	4.08	126.0	4.79	134.3	5.16	143.3	5.54	160.5	6.35	177.8	7.10
	60	90.8	3.52	108.0	4.21	126.0	4.96	134.3	5.35	143.3	5.76	160.5	6.57	177.8	7.39
	65	90.8	3.57	108.0	4.30	126.0	5.06	134.3	5.45	143.3	5.88	160.5	6.69	177.8	7.56
	70	90.8	3.67	108.0	4.42	126.0	5.21	134.3	5.62	143.3	6.12	160.5	7.22	177.8	8.36
	75	90.8	3.74	108.0	4.50	126.0	5.47	134.3	6.00	143.3	6.52	160.5	7.68	177.8	8.81
	80	90.8	4.09	108.0	5.11	126.0	6.23	134.3	6.81	143.3	7.44	160.5	8.83	177.8	9.85
	85	90.8	4.37	108.0	5.44	126.0	6.64	134.3	7.27	143.3	7.97	160.5	9.41	177.8	10.10
	90	90.8	4.91	108.0	6.17	126.0	7.51	134.3	8.26	143.3	9.05	160.5	10.34	174.9	10.70
	95	90.8	5.21	108.0	6.52	126.0	8.02	134.3	8.76	143.3	9.63	160.5	10.70	171.1	10.99
	100	90.7	5.62	108.0	7.03	126.0	8.65	134.3	9.39	143.3	10.01	160.5	11.14	167.3	11.35
	105	90.7	6.41	108.0	8.05	126.0	9.63	134.3	10.08	143.3	10.74	158.6	11.58	162.5	11.91
	110	90.8	7.27	108.0	9.17	126.0	10.21	134.3	10.76	143.3	11.57	153.0	12.01	153.8	12.53
	115	90.8	7.78	108.0	9.80	126.0	10.55	134.3	11.31	134.3	11.84	135.1	12.28	135.1	13.02
	118	90.8	8.26	108.0	10.42	115.6	11.29	117.9	10.74	116.9	10.05	117.6	10.42	116.6	11.05
	122	90.8	8.93	95.3	9.82	92.1	8.59	94.2	8.12	93.6	7.61	94.4	7.90	93.9	8.40

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

COOLING CAPACITY DATA



ARUM168CTE5

168,000 Btu/h 575V Outdoor Units

MULTI V 5 Outdoor Unit Performance Data Manual

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
70%	-9.9	79.5	2.04	94.5	2.42	110.3	2.85	117.8	3.05	125.3	3.25	140.3	3.73	156.0	4.17
	-5	79.5	2.15	94.5	2.56	110.3	3.01	117.8	3.22	125.3	3.43	140.3	3.93	156.0	4.40
	0	79.5	2.24	94.5	2.66	110.3	3.13	117.8	3.35	125.3	3.57	140.3	4.09	156.0	4.58
	5	79.5	2.32	94.5	2.76	110.3	3.24	117.8	3.47	125.3	3.70	140.3	4.24	156.0	4.74
	10	79.5	2.39	94.5	2.84	110.3	3.34	117.8	3.57	125.3	3.81	140.3	4.36	156.0	4.88
	14	79.5	2.47	94.5	2.94	110.3	3.46	117.8	3.70	125.3	3.95	140.3	4.52	156.0	5.06
	20	79.5	2.56	94.5	3.04	110.3	3.57	117.8	3.82	125.3	4.08	140.3	4.66	156.0	5.23
	25	79.5	2.63	94.5	3.12	110.3	3.66	117.8	3.93	125.3	4.19	140.3	4.78	156.0	5.37
	30	79.5	2.70	94.5	3.20	110.3	3.75	117.8	4.03	125.3	4.31	140.3	4.90	156.0	5.51
	35	79.5	2.78	94.5	3.29	110.3	3.85	117.8	4.13	125.3	4.43	140.3	5.03	156.0	5.66
	40	79.5	2.84	94.5	3.37	110.3	3.95	117.8	4.24	125.3	4.54	140.3	5.16	156.0	5.80
	45	79.5	2.89	94.5	3.42	110.3	4.01	117.8	4.32	125.3	4.61	140.3	5.25	156.0	5.89
	50	79.5	2.94	94.5	3.48	110.3	4.08	117.8	4.38	125.3	4.69	140.3	5.33	156.0	6.00
	55	79.5	2.99	94.5	3.55	110.3	4.14	117.8	4.45	125.3	4.77	140.3	5.44	156.0	6.12
	60	79.5	3.07	94.5	3.67	110.3	4.30	117.8	4.62	125.3	4.94	140.3	5.64	156.0	6.35
	65	79.5	3.13	94.5	3.74	110.3	4.37	117.8	4.71	125.3	5.04	140.3	5.74	156.0	6.45
	70	79.5	3.21	94.5	3.84	110.3	4.50	117.8	4.84	125.3	5.20	140.3	5.95	156.0	6.66
	75	79.5	3.26	94.5	3.91	110.3	4.59	117.8	5.01	125.3	5.44	140.3	6.35	156.0	7.27
	80	79.5	3.52	94.5	4.31	110.3	5.21	117.8	5.69	125.3	6.17	140.3	7.03	156.0	8.06
	85	79.5	3.74	94.5	4.59	110.3	5.55	117.8	6.06	125.3	6.64	140.3	7.48	156.0	8.40
	90	79.5	4.20	94.5	5.18	110.3	6.28	117.8	6.86	125.3	7.51	140.3	8.34	156.0	9.12
	95	79.5	4.43	94.5	5.50	110.3	6.69	117.8	7.32	125.3	7.97	140.3	8.78	156.0	9.39
	100	79.5	4.79	94.5	5.95	110.3	7.22	117.8	7.90	125.3	8.20	140.3	9.19	156.0	9.66
	105	79.5	5.43	94.5	6.78	110.3	7.96	117.8	8.43	125.3	8.92	140.3	9.67	156.0	10.22
	110	79.5	6.12	94.5	7.68	110.3	8.43	117.8	8.93	125.3	9.67	140.3	10.08	151.5	10.99
	115	79.5	6.57	94.5	8.19	110.3	8.71	117.8	9.44	125.3	9.95	140.3	10.38	142.8	11.70
	118	79.5	6.98	94.5	8.70	110.3	9.26	117.8	10.01	114.0	9.95	117.6	8.81	116.6	9.93
	122	79.5	7.53	94.5	9.42	98.4	8.84	94.1	8.23	91.3	7.53	94.4	6.68	93.9	7.55
60%	-9.9	68.3	1.77	81.0	2.05	94.5	2.41	100.5	2.57	107.3	2.77	120.8	3.14	133.5	3.51
	-5	68.3	1.87	81.0	2.17	94.5	2.54	100.5	2.72	107.3	2.92	120.8	3.31	133.5	3.70
	0	68.3	1.94	81.0	2.25	94.5	2.64	100.5	2.82	107.3	3.04	120.8	3.44	133.5	3.85
	5	68.3	2.01	81.0	2.33	94.5	2.74	100.5	2.93	107.3	3.15	120.8	3.57	133.5	3.99
	10	68.3	2.07	81.0	2.40	94.5	2.82	100.5	3.01	107.3	3.24	120.8	3.67	133.5	4.10
	14	68.3	2.14	81.0	2.49	94.5	2.92	100.5	3.12	107.3	3.36	120.8	3.81	133.5	4.25
	20	68.3	2.21	81.0	2.58	94.5	3.02	100.5	3.23	107.3	3.47	120.8	3.93	133.5	4.40
	25	68.3	2.26	81.0	2.65	94.5	3.09	100.5	3.32	107.3	3.56	120.8	4.04	133.5	4.53
	30	68.3	2.32	81.0	2.73	94.5	3.17	100.5	3.41	107.3	3.65	120.8	4.14	133.5	4.65
	35	68.3	2.37	81.0	2.80	94.5	3.25	100.5	3.50	107.3	3.74	120.8	4.24	133.5	4.77
	40	68.3	2.44	81.0	2.87	94.5	3.34	100.5	3.59	107.3	3.84	120.8	4.36	133.5	4.89
	45	68.3	2.46	81.0	2.90	94.5	3.36	100.5	3.62	107.3	3.88	120.8	4.39	133.5	4.93
	50	68.3	2.48	81.0	2.92	94.5	3.40	100.5	3.65	107.3	3.91	120.8	4.43	133.5	4.98
	55	68.3	2.51	81.0	2.97	94.5	3.47	100.5	3.72	107.3	3.97	120.8	4.52	133.5	5.06
	60	68.3	2.60	81.0	3.07	94.5	3.58	100.5	3.86	107.3	4.13	120.8	4.67	133.5	5.27
	65	68.3	2.63	81.0	3.13	94.5	3.65	100.5	3.92	107.3	4.20	120.8	4.77	133.5	5.37
	70	68.3	2.70	81.0	3.21	94.5	3.75	100.5	4.03	107.3	4.31	120.8	4.91	133.5	5.57
	75	68.3	2.75	81.0	3.26	94.5	3.82	100.5	4.11	107.3	4.45	120.8	5.20	133.5	5.93
	80	68.3	2.92	81.0	3.57	94.5	4.28	100.5	4.67	107.3	5.06	120.8	5.82	133.5	6.71
	85	68.3	3.11	81.0	3.79	94.5	4.55	100.5	4.98	107.3	5.42	120.8	6.13	133.5	6.92
	90	68.3	3.48	81.0	4.28	94.5	5.15	100.5	5.62	107.3	6.09	120.8	6.85	133.5	7.55
	95	68.3	3.69	81.0	4.54	94.5	5.47	100.5	6.00	107.3	6.44	120.8	7.16	133.5	7.95
	100	68.3	3.96	81.0	4.88	94.5	5.89	100.5	6.45	107.3	6.73	120.8	7.60	133.5	8.29
	105	68.3	4.50	81.0	5.55	94.5	6.51	100.5	6.89	107.3	7.33	120.8	8.07	133.5	9.04
	110	68.3	5.06	81.0	6.30	94.5	7.02	100.5	7.30	107.3	7.92	120.8	8.63	133.5	9.86
	115	68.3	5.42	81.0	6.73	94.5	7.29	100.5	7.73	107.3	8.20	120.8	9.12	133.5	10.53
	118	68.3	5.74	81.0	7.13	94.5	7.74	100.5	8.21	107.3	8.72	117.6	8.81	116.6	9.93
	122	68.3	6.18	81.0	7.71	94.5	8.39	93.9	8.33	90.9	7.71	94.4	6.68	93.9	7.55

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 heat recovery system synchronous operating range.
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).

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	2.00	84.0	2.16	89.3	2.32	100.5	2.58	111.0	2.86
	-5	56.7	1.60	67.5	1.89	78.8	2.11	84.0	2.28	89.3	2.45	100.5	2.72	111.0	3.01
	0	56.7	1.67	67.5	1.96	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	2.03	78.8	2.28	84.0	2.45	89.3	2.64	100.5	2.93	111.0	3.25
	10	56.7	1.78	67.5	2.09	78.8	2.34	84.0	2.52	89.3	2.72	100.5	3.01	111.0	3.34
	14	56.7	1.84	67.5	2.17	78.8	2.43	84.0	2.62	89.3	2.81	100.5	3.12	111.0	3.46
	20	56.7	1.91	67.5	2.24	78.8	2.53	84.0	2.71	89.3	2.91	100.5	3.24	111.0	3.60
	25	56.7	1.97	67.5	2.29	78.8	2.61	84.0	2.79	89.3	2.98	100.5	3.33	111.0	3.71
	30	56.7	2.03	67.5	2.35	78.8	2.69	84.0	2.87	89.3	3.06	100.5	3.43	111.0	3.82
	35	56.7	2.08	67.5	2.41	78.8	2.76	84.0	2.95	89.3	3.14	100.5	3.52	111.0	3.91
	40	56.7	2.13	67.5	2.47	78.8	2.84	84.0	3.02	89.3	3.22	100.5	3.61	111.0	4.02
	45	56.7	2.16	67.5	2.51	78.8	2.87	84.0	3.06	89.3	3.27	100.5	3.66	111.0	4.07
	50	56.7	2.19	67.5	2.54	78.8	2.92	84.0	3.10	89.3	3.31	100.5	3.71	111.0	4.13
	55	56.7	2.24	67.5	2.59	78.8	2.96	84.0	3.15	89.3	3.36	100.5	3.78	111.0	4.20
	60	56.7	2.29	67.5	2.66	78.8	3.06	84.0	3.27	89.3	3.48	100.5	3.90	111.0	4.36
	65	56.7	2.31	67.5	2.71	78.8	3.10	84.0	3.31	89.3	3.52	100.5	3.97	111.0	4.43
	70	56.7	2.38	67.5	2.75	78.8	3.17	84.0	3.41	89.3	3.62	100.5	4.08	111.0	4.57
	75	56.7	2.40	67.5	2.80	78.8	3.24	84.0	3.45	89.3	3.69	100.5	4.15	111.0	4.67
	80	56.7	2.47	67.5	2.96	78.8	3.48	84.0	3.76	89.3	4.04	100.5	4.64	111.0	5.30
	85	56.7	2.64	67.5	3.13	78.8	3.69	84.0	3.99	89.3	4.29	100.5	4.95	111.0	5.65
	90	56.7	2.94	67.5	3.50	78.8	4.15	84.0	4.48	89.3	4.83	100.5	5.58	111.0	6.40
	95	56.7	3.10	67.5	3.71	78.8	4.39	84.0	4.76	89.3	5.13	100.5	5.93	111.0	6.79
	100	56.7	3.27	67.5	3.92	78.8	4.64	84.0	5.04	89.3	5.44	100.5	6.30	111.0	7.21
	105	56.7	3.57	67.5	4.33	78.8	5.14	84.0	5.56	89.3	6.02	100.5	6.98	111.0	8.02
	110	56.7	3.94	67.5	4.78	78.8	5.69	84.0	6.19	89.3	6.70	100.5	7.80	111.0	8.96
	115	56.7	4.22	67.5	5.13	78.8	6.12	84.0	6.65	89.3	7.21	100.5	8.40	111.0	9.66
	118	56.7	4.56	67.5	5.57	78.8	6.65	84.0	7.23	89.3	7.85	100.5	8.81	111.0	9.93
	122	56.7	5.03	67.5	6.16	78.8	7.35	84.0	8.03	89.3	7.71	94.4	6.68	93.9	7.55

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 heat recovery system synchronous operating range.

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).

COOLING CAPACITY DATA



ARUM192CTE5

192,000 Btu/h 575V Outdoor 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
130%		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
	-9.9	174.6	4.36	207.4	5.29	241.1	6.28	249.9	6.77	253.5	7.31	262.3	8.38	268.5	8.66
	-5	174.6	4.60	207.4	5.58	241.1	6.62	249.9	7.15	253.5	7.71	262.3	8.84	268.5	9.13
	0	174.6	4.78	207.4	5.81	241.1	6.89	249.9	7.44	253.5	8.02	262.3	9.19	268.5	9.50
	5	174.6	4.96	207.4	6.02	241.1	7.14	249.9	7.71	253.5	8.31	262.3	9.53	268.5	9.85
	10	174.6	5.10	207.4	6.19	241.1	7.35	249.9	7.93	253.5	8.55	262.3	9.80	268.5	10.13
	14	174.6	5.29	207.4	6.41	241.1	7.61	249.9	8.22	253.5	8.86	262.3	10.16	268.5	10.50
	20	174.6	5.38	207.4	6.52	241.1	7.72	249.9	8.34	253.5	8.99	262.3	10.30	268.5	10.65
	25	174.6	5.45	207.4	6.60	241.1	7.82	249.9	8.45	253.5	9.09	262.3	10.42	268.5	10.78
	30	174.6	5.53	207.4	6.69	241.1	7.91	249.9	8.55	253.5	9.19	262.3	10.53	268.5	10.90
	35	174.6	5.59	207.4	6.77	241.1	8.00	249.9	8.65	253.5	9.30	262.3	10.66	268.5	11.03
	40	174.6	5.66	207.4	6.85	241.1	8.10	249.9	8.76	253.5	9.41	262.3	10.79	268.5	11.16
	45	174.6	5.72	207.4	6.92	241.1	8.19	249.9	8.85	253.5	9.50	262.3	10.90	268.5	11.28
	50	174.6	5.78	207.4	6.99	241.1	8.26	249.9	8.93	253.5	9.60	262.3	11.01	268.5	11.39
	55	174.6	5.87	207.4	7.12	241.1	8.42	246.4	9.13	249.9	9.80	258.7	11.20	265.0	11.47
	60	174.6	6.06	207.4	7.37	237.5	8.77	240.9	9.48	243.7	10.18	252.4	11.55	258.7	11.60
	65	174.6	6.19	207.4	7.53	234.0	8.93	237.5	9.67	240.2	10.37	248.9	11.93	255.1	12.03
	70	174.6	5.96	207.4	7.24	229.5	8.90	232.2	9.80	235.8	10.75	244.4	11.94	250.6	12.06
	75	174.6	6.11	207.4	7.71	226.0	9.53	228.7	10.51	232.2	11.53	240.8	12.51	247.1	12.60
	80	174.6	6.94	207.4	8.79	219.8	10.90	222.5	12.03	226.0	13.22	234.5	13.58	240.8	13.70
	85	174.6	7.39	207.4	9.38	216.3	11.64	219.8	12.84	222.5	14.03	230.9	14.15	237.2	14.27
	90	174.6	8.37	203.8	10.66	210.0	13.22	212.7	14.62	216.3	15.13	224.7	15.25	230.9	15.40
	95	176.5	8.87	202.4	11.35	208.7	14.12	212.3	15.61	215.0	15.66	223.5	15.81	229.8	15.96
	100	176.5	9.61	198.8	12.27	205.1	15.30	208.7	16.42	211.4	16.51	220.7	16.67	227.1	16.82
	105	176.5	10.83	193.5	13.88	199.7	17.26	202.8	17.66	205.9	17.75	213.0	17.91	216.1	18.09
	110	176.5	12.16	185.5	15.65	193.3	18.83	193.8	18.92	196.7	18.98	200.9	19.17	201.6	19.35
	115	175.6	14.07	178.8	18.00	178.8	19.85	178.8	19.85	178.8	19.85	181.3	19.88	182.2	19.92
	118	152.7	11.92	155.4	15.25	155.6	16.69	155.6	16.84	155.6	16.84	157.9	16.87	157.2	16.90
	122	122.0	9.04	124.7	11.59	124.0	12.70	124.4	12.73	124.7	12.75	126.8	12.79	126.6	12.84
120%		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
	-9.9	158.9	4.11	189.6	4.98	220.3	5.90	236.1	6.36	246.7	6.86	257.9	7.86	263.2	8.12
	-5	158.9	4.33	189.6	5.25	220.3	6.22	236.1	6.71	246.7	7.23	257.9	8.29	263.2	8.57
	0	158.9	4.51	189.6	5.46	220.3	6.47	236.1	6.98	246.7	7.52	257.9	8.63	263.2	8.92
	5	158.9	4.67	189.6	5.66	220.3	6.71	236.1	7.23	246.7	7.80	257.9	8.94	263.2	9.24
	10	158.9	4.81	189.6	5.83	220.3	6.90	236.1	7.44	246.7	8.02	257.9	9.20	263.2	9.51
	14	158.9	4.98	189.6	6.04	220.3	7.15	236.1	7.71	246.7	8.31	257.9	9.53	263.2	9.85
	20	158.9	5.06	189.6	6.13	220.3	7.25	236.1	7.83	246.7	8.43	257.9	9.67	263.2	9.99
	25	158.9	5.12	189.6	6.20	220.3	7.34	236.1	7.93	246.7	8.53	257.9	9.78	263.2	10.11
	30	158.9	5.19	189.6	6.28	220.3	7.42	236.1	8.03	246.7	8.63	257.9	9.89	263.2	10.23
	35	158.9	5.26	189.6	6.35	220.3	7.51	236.1	8.13	246.7	8.73	257.9	10.01	263.2	10.36
	40	158.9	5.32	189.6	6.44	220.3	7.61	236.1	8.23	246.7	8.85	257.9	10.14	263.2	10.49
	45	158.9	5.38	189.6	6.50	220.3	7.70	236.1	8.33	246.7	8.94	257.9	10.25	263.2	10.61
	50	158.9	5.44	189.6	6.58	220.3	7.78	236.1	8.41	246.7	9.04	257.9	10.37	263.2	10.73
	55	158.9	5.53	189.6	6.70	220.3	7.93	236.1	8.59	244.0	9.22	254.3	10.55	260.5	10.81
	60	158.9	5.71	189.6	6.94	220.3	8.26	234.4	8.92	237.0	9.59	248.0	10.88	253.4	11.07
	65	158.9	5.83	189.6	7.09	220.3	8.41	230.9	9.10	234.4	9.77	244.4	11.24	250.7	11.33
	70	158.9	5.72	189.6	6.95	220.3	8.55	226.5	9.41	229.1	10.32	240.0	11.46	245.3	11.58
	75	158.9	5.86	189.6	7.40	220.3	9.15	223.0	10.09	226.5	11.06	236.4	12.01	242.6	12.09
	80	158.9	6.66	189.6	8.43	214.2	10.46	216.8	11.55	219.5	12.69	230.1	13.04	235.5	13.15
	85	158.9	7.09	189.6	9.01	210.7	11.18	213.3	12.32	216.8	13.47	226.5	13.58	232.8	13.69
	90	158.9	8.03	189.6	10.24	204.5	12.69	207.2	14.04	209.8	14.52	220.3	14.64	225.6	14.78
	95	160.6	8.52	191.6	10.89	203.1	13.55	205.8	14.98	209.3	15.04	219.0	15.18	225.3	15.32
	100	160.6	9.22	191.6	11.78	199.6	14.69	203.1	15.77	205.8	15.85	216.2	16.00	221.7	16.15
	105	160.6	10.39	188.6	13.34	194.3	16.58	197.4	16.95	200.0	17.05	209.9	17.19	213.4	17.35
	110	160.6	11.67	183.8	15.02	189.7	18.07	190.3	18.16	193.1	18.22	199.1	18.40	199.9	18.58
	115	156.1	13.51	177.0	17.28	177.0	19.05	177.0	19.05	177.0	19.05	181.4	19.09	182.2	19.12
	118	139.4	11.92	153.9	14.64	154.1	16.02	154.1	16.17	154.1	16.17	157.9	16.20	157.3	16.22
	122	111.4	9.04	123.5	11.13	122.8	12.20	123.2	12.23	123.5	12.24	126.8	12.28	126.6	12.33

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

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	147.2	3.78	175.6	4.56	204.0	5.41	218.2	5.86	232.4	6.28	256.1	7.16	261.5	7.43
	-5	147.2	3.99	175.6	4.81	204.0	5.70	218.2	6.18	232.4	6.63	256.1	7.56	261.5	7.84
	0	147.2	4.15	175.6	5.01	204.0	5.93	218.2	6.43	232.4	6.89	256.1	7.86	261.5	8.16
	5	147.2	4.30	175.6	5.19	204.0	6.15	218.2	6.67	232.4	7.14	256.1	8.15	261.5	8.46
	10	147.2	4.42	175.6	5.34	204.0	6.33	218.2	6.86	232.4	7.35	256.1	8.39	261.5	8.70
	14	147.2	4.59	175.6	5.53	204.0	6.56	218.2	7.11	232.4	7.62	256.1	8.69	261.5	9.01
	20	147.2	4.65	175.6	5.62	204.0	6.65	218.2	7.21	232.4	7.73	256.1	8.84	261.5	9.15
	25	147.2	4.71	175.6	5.69	204.0	6.74	218.2	7.29	232.4	7.83	256.1	8.96	261.5	9.27
	30	147.2	4.77	175.6	5.77	204.0	6.82	218.2	7.37	232.4	7.92	256.1	9.08	261.5	9.39
	35	147.2	4.84	175.6	5.85	204.0	6.91	218.2	7.48	232.4	8.04	256.1	9.22	261.5	9.54
	40	147.2	4.90	175.6	5.93	204.0	7.01	218.2	7.58	232.4	8.15	256.1	9.34	261.5	9.66
	45	147.2	4.99	175.6	6.02	204.0	7.13	218.2	7.71	232.4	8.29	256.1	9.50	261.5	9.82
	50	147.2	5.06	175.6	6.13	204.0	7.25	218.2	7.83	232.4	8.42	256.1	9.65	261.5	9.97
	55	147.2	5.15	175.6	6.24	204.0	7.39	218.2	8.00	232.4	8.59	256.1	9.82	261.5	10.07
	60	147.2	5.32	175.6	6.46	204.0	7.69	218.2	8.31	232.4	8.93	246.1	10.13	251.5	10.22
	65	147.2	5.43	175.6	6.60	204.0	7.83	218.2	8.48	232.4	9.09	242.5	10.46	247.9	10.55
	70	147.2	5.48	175.6	6.66	204.0	8.20	218.2	9.02	228.0	9.90	238.0	10.99	243.4	11.10
	75	147.2	5.62	175.6	7.10	204.0	8.77	218.2	9.68	224.4	10.61	234.3	11.51	239.8	11.60
	80	145.7	6.39	173.8	8.09	201.9	10.03	213.4	11.08	216.0	12.17	225.7	12.50	231.1	12.61
	85	145.7	6.80	173.8	8.64	201.9	10.72	209.8	11.82	212.5	12.91	222.1	13.02	227.5	13.13
	90	145.7	7.70	173.8	9.81	201.1	12.17	203.7	13.46	206.3	13.93	215.8	14.04	221.2	14.17
	95	145.7	8.17	173.8	10.44	197.5	12.99	200.2	14.36	202.8	14.42	212.2	14.56	217.6	14.69
	100	145.7	8.84	173.8	11.30	194.9	14.09	197.5	15.12	200.2	15.20	209.6	15.34	214.9	15.48
	105	145.7	9.97	173.8	12.78	188.8	15.89	191.5	16.26	194.1	16.34	203.4	16.49	208.6	16.65
	110	145.7	11.19	173.8	14.40	183.0	17.33	183.5	17.42	186.3	17.47	192.1	17.64	192.8	17.81
	115	145.7	12.95	173.8	16.57	175.2	18.27	175.2	18.27	176.0	18.27	179.5	18.30	180.3	18.33
	118	140.8	11.80	151.2	14.04	152.6	15.36	152.6	15.50	153.2	15.50	156.3	15.53	155.7	15.56
	122	112.5	8.95	121.2	10.67	121.6	11.69	121.9	11.72	122.7	11.74	125.5	11.77	125.3	11.82
100%	-9.9	129.4	3.33	154.3	4.01	179.1	4.76	192.0	5.18	211.0	5.61	236.6	6.47	249.8	6.74
	-5	129.4	3.51	154.3	4.24	179.1	5.02	192.0	5.47	211.0	5.92	236.6	6.83	249.8	7.11
	0	129.4	3.65	154.3	4.41	179.1	5.22	192.0	5.69	211.0	6.16	236.6	7.10	249.8	7.40
	5	129.4	3.78	154.3	4.57	179.1	5.41	192.0	5.90	211.0	6.38	236.6	7.36	249.8	7.67
	10	129.4	3.89	154.3	4.70	179.1	5.57	192.0	6.07	211.0	6.57	236.6	7.57	249.8	7.89
	14	129.4	4.03	154.3	4.87	179.1	5.77	192.0	6.29	211.0	6.80	236.6	7.85	249.8	8.17
	20	129.4	4.16	154.3	5.03	179.1	5.95	192.0	6.47	211.0	7.02	236.6	8.08	249.8	8.41
	25	129.4	4.27	154.3	5.16	179.1	6.10	192.0	6.61	211.0	7.20	236.6	8.27	249.8	8.60
	30	129.4	4.37	154.3	5.29	179.1	6.26	192.0	6.76	211.0	7.38	236.6	8.46	249.8	8.80
	35	129.4	4.44	154.3	5.38	179.1	6.36	192.0	6.87	211.0	7.50	236.6	8.60	249.8	8.94
	40	129.4	4.51	154.3	5.46	179.1	6.46	192.0	6.98	211.0	7.62	236.6	8.73	249.8	9.08
	45	129.4	4.61	154.3	5.58	179.1	6.59	192.0	7.13	211.0	7.77	236.6	8.91	249.8	9.27
	50	129.4	4.70	154.3	5.69	179.1	6.73	192.0	7.27	211.0	7.94	236.6	9.10	249.8	9.46
	55	129.4	4.78	154.3	5.79	179.1	6.86	192.0	7.43	211.0	8.09	236.6	9.25	247.2	9.60
	60	129.4	4.93	154.3	6.00	179.1	7.14	192.0	7.71	211.0	8.41	235.7	9.54	240.1	9.77
	65	129.4	5.04	154.3	6.13	179.1	7.27	192.0	7.87	211.0	8.57	232.2	9.86	237.5	10.06
	70	129.4	5.19	154.3	6.31	179.1	7.77	192.0	8.55	211.0	9.52	227.8	10.57	232.2	10.76
	75	129.4	5.32	154.3	6.73	179.1	8.31	192.0	9.17	211.0	10.20	224.2	11.07	229.5	11.21
	80	129.4	6.05	154.3	7.66	179.1	9.51	192.0	10.49	211.0	11.71	218.1	12.02	222.5	12.19
	85	129.4	6.44	154.3	8.18	179.1	10.16	192.0	11.19	210.1	12.42	214.5	12.52	219.8	12.69
	90	129.4	7.30	154.3	9.30	179.1	11.53	192.0	12.75	203.1	13.39	208.4	13.50	212.8	13.70
	95	129.4	7.74	154.3	9.90	179.1	12.31	192.0	13.61	200.4	13.87	204.8	14.00	210.1	14.20
	100	129.4	8.36	154.3	10.68	179.1	13.31	188.6	14.29	197.0	14.58	202.1	14.72	206.7	14.93
	105	129.4	9.39	154.3	12.03	178.2	14.97	183.4	15.31	191.0	15.62	196.0	15.76	200.8	15.98
	110	129.4	10.50	154.3	13.51	176.1	16.25	180.1	16.33	183.7	16.63	186.7	16.79	190.0	17.04
	115	129.4	12.06	154.3	15.43	167.6	17.01	172.8	17.01	177.1	17.27	178.8	17.30	179.6	17.42
	118	129.4	12.16	135.3	14.47	145.9	14.31	150.5	14.43	154.2	14.65	155.7	14.68	155.0	14.78
	122	110.7	11.01	108.5	11.00	116.3	10.89	120.2	10.92	123.5	11.09	125.0	11.13	124.8	11.23

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 heat recovery system synchronous operating range.
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).

COOLING CAPACITY DATA



ARUM192CTE5

192,000 Btu/h 575V Outdoor Units

MULTI V 5 Outdoor Unit Performance Data Manual

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	2.97	138.9	3.56	162.0	4.20	173.1	4.52	184.3	4.83	206.6	5.56	228.9	6.10
	-5	116.6	3.13	138.9	3.75	162.0	4.43	173.1	4.77	184.3	5.09	206.6	5.87	228.9	6.44
	0	116.6	3.26	138.9	3.90	162.0	4.61	173.1	4.96	184.3	5.30	206.6	6.10	228.9	6.70
	5	116.6	3.38	138.9	4.05	162.0	4.78	173.1	5.14	184.3	5.49	206.6	6.33	228.9	6.94
	10	116.6	3.47	138.9	4.16	162.0	4.92	173.1	5.29	184.3	5.65	206.6	6.51	228.9	7.14
	14	116.6	3.60	138.9	4.31	162.0	5.09	173.1	5.48	184.3	5.85	206.6	6.74	228.9	7.40
	20	116.6	3.73	138.9	4.48	162.0	5.28	173.1	5.69	184.3	6.10	206.6	6.98	228.9	7.69
	25	116.6	3.84	138.9	4.61	162.0	5.44	173.1	5.87	184.3	6.30	206.6	7.19	228.9	7.92
	30	116.6	3.95	138.9	4.75	162.0	5.60	173.1	6.04	184.3	6.50	206.6	7.39	228.9	8.16
	35	116.6	4.07	138.9	4.90	162.0	5.77	173.1	6.22	184.3	6.70	206.6	7.61	228.9	8.41
	40	116.6	4.19	138.9	5.04	162.0	5.95	173.1	6.41	184.3	6.90	206.6	7.84	228.9	8.65
	45	116.6	4.29	138.9	5.16	162.0	6.08	173.1	6.56	184.3	7.06	206.6	8.02	228.9	8.86
	50	116.6	4.38	138.9	5.27	162.0	6.22	173.1	6.71	184.3	7.22	206.6	8.20	228.9	9.05
	55	116.6	4.43	138.9	5.35	162.0	6.33	173.1	6.84	184.3	7.35	206.6	8.36	228.9	9.14
	60	116.6	4.60	138.9	5.57	162.0	6.57	173.1	7.11	184.3	7.65	206.6	8.68	226.9	9.24
	65	116.6	4.68	138.9	5.68	162.0	6.71	173.1	7.25	184.3	7.79	206.6	8.84	225.4	9.70
	70	116.6	4.81	138.9	5.84	162.0	6.95	173.1	7.65	184.3	8.35	206.6	9.87	221.1	10.42
	75	116.6	4.89	138.9	6.11	162.0	7.44	173.1	8.19	184.3	8.98	206.6	10.29	217.7	10.89
	80	116.6	5.49	138.9	6.92	162.0	8.49	173.1	9.36	184.3	10.25	206.6	11.38	211.7	11.84
	85	116.6	5.84	138.9	7.38	162.0	9.08	173.1	9.98	184.3	10.95	204.0	11.98	208.3	12.33
	90	116.6	6.60	138.9	8.35	162.0	10.30	173.1	11.36	184.3	12.46	198.0	13.11	202.3	13.31
	95	116.6	7.03	138.9	8.87	162.0	10.98	173.1	12.11	184.3	13.30	194.6	13.61	198.9	13.80
	100	116.6	7.26	138.9	9.24	162.0	11.44	173.1	12.59	184.3	13.60	192.0	14.20	195.4	14.35
	105	116.6	8.41	138.9	10.72	162.0	12.93	173.1	13.79	182.2	14.58	186.0	15.22	188.5	15.41
	110	116.6	9.66	138.9	12.37	162.0	14.18	173.1	14.89	174.9	15.81	177.2	16.34	178.6	16.53
	115	116.6	10.46	138.9	13.41	151.7	14.94	164.2	15.58	166.5	16.31	168.0	16.67	168.8	16.88
	118	116.6	11.11	135.3	14.47	132.1	12.56	142.9	13.22	145.0	13.84	146.3	14.14	145.7	14.32
	122	110.7	11.01	108.5	11.00	105.3	9.56	114.2	9.99	116.1	10.48	117.5	10.72	117.3	10.88
80%	-9.9	103.7	2.57	123.4	3.10	144.0	3.60	153.4	3.91	163.7	4.21	183.4	4.81	203.1	5.36
	-5	103.7	2.71	123.4	3.27	144.0	3.79	153.4	4.12	163.7	4.44	183.4	5.07	203.1	5.65
	0	103.7	2.82	123.4	3.40	144.0	3.95	153.4	4.29	163.7	4.62	183.4	5.28	203.1	5.88
	5	103.7	2.92	123.4	3.52	144.0	4.09	153.4	4.44	163.7	4.79	183.4	5.47	203.1	6.09
	10	103.7	3.01	123.4	3.62	144.0	4.21	153.4	4.57	163.7	4.93	183.4	5.63	203.1	6.27
	14	103.7	3.12	123.4	3.76	144.0	4.36	153.4	4.74	163.7	5.11	183.4	5.83	203.1	6.50
	20	103.7	3.24	123.4	3.89	144.0	4.54	153.4	4.91	163.7	5.28	183.4	6.04	203.1	6.75
	25	103.7	3.33	123.4	4.00	144.0	4.68	153.4	5.06	163.7	5.43	183.4	6.22	203.1	6.95
	30	103.7	3.43	123.4	4.11	144.0	4.83	153.4	5.21	163.7	5.58	183.4	6.40	203.1	7.16
	35	103.7	3.52	123.4	4.23	144.0	4.97	153.4	5.35	163.7	5.73	183.4	6.57	203.1	7.36
	40	103.7	3.62	123.4	4.34	144.0	5.09	153.4	5.50	163.7	5.89	183.4	6.75	203.1	7.56
	45	103.7	3.67	123.4	4.40	144.0	5.17	153.4	5.58	163.7	5.96	183.4	6.85	203.1	7.66
	50	103.7	3.72	123.4	4.46	144.0	5.24	153.4	5.65	163.7	6.05	183.4	6.94	203.1	7.77
	55	103.7	3.78	123.4	4.54	144.0	5.33	153.4	5.75	163.7	6.16	183.4	7.07	203.1	7.90
	60	103.7	3.91	123.4	4.69	144.0	5.52	153.4	5.95	163.7	6.41	183.4	7.32	203.1	8.22
	65	103.7	3.97	123.4	4.78	144.0	5.63	153.4	6.07	163.7	6.54	183.4	7.45	203.1	8.41
	70	103.7	4.08	123.4	4.91	144.0	5.80	153.4	6.26	163.7	6.81	183.4	8.03	203.1	9.30
	75	103.7	4.16	123.4	5.01	144.0	6.09	153.4	6.67	163.7	7.26	183.4	8.54	203.1	9.81
	80	103.7	4.56	123.4	5.69	144.0	6.94	153.4	7.58	163.7	8.28	183.4	9.83	203.1	10.96
	85	103.7	4.86	123.4	6.05	144.0	7.39	153.4	8.09	163.7	8.87	183.4	10.47	203.1	11.24
	90	103.7	5.46	123.4	6.86	144.0	8.36	153.4	9.19	163.7	10.08	183.4	11.51	199.8	11.91
	95	103.7	5.80	123.4	7.26	144.0	8.92	153.4	9.75	163.7	10.72	183.4	11.91	195.5	12.23
	100	103.7	6.26	123.4	7.83	144.0	9.62	153.4	10.45	163.7	11.14	183.4	12.40	191.1	12.63
	105	103.7	7.13	123.4	8.96	144.0	10.71	153.4	11.21	163.7	11.95	181.2	12.89	185.7	13.26
	110	103.7	8.09	123.4	10.21	144.0	11.36	153.4	11.98	163.7	12.87	174.9	13.36	175.7	13.94
	115	103.7	8.66	123.4	10.91	144.0	11.74	153.4	12.59	153.4	13.18	154.4	13.67	154.4	14.49
	118	103.7	9.19	123.4	11.59	132.1	12.56	134.8	11.95	133.6	11.18	134.4	11.60	133.3	12.30
	122	103.7	9.94	108.9	10.93	105.3	9.56	107.7	9.04	107.0	8.46	107.9	8.79	107.3	9.34

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 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).

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	90.9	2.27	108.0	2.70	126.0	3.17	134.6	3.40	143.1	3.62	160.3	4.15	178.3	4.64
	-5	90.9	2.39	108.0	2.85	126.0	3.35	134.6	3.58	143.1	3.82	160.3	4.37	178.3	4.90
	0	90.9	2.49	108.0	2.96	126.0	3.48	134.6	3.73	143.1	3.97	160.3	4.55	178.3	5.09
	5	90.9	2.58	108.0	3.07	126.0	3.61	134.6	3.86	143.1	4.12	160.3	4.72	178.3	5.28
	10	90.9	2.66	108.0	3.16	126.0	3.72	134.6	3.98	143.1	4.24	160.3	4.85	178.3	5.43
	14	90.9	2.75	108.0	3.27	126.0	3.85	134.6	4.12	143.1	4.39	160.3	5.03	178.3	5.63
	20	90.9	2.85	108.0	3.38	126.0	3.97	134.6	4.26	143.1	4.54	160.3	5.19	178.3	5.82
	25	90.9	2.93	108.0	3.47	126.0	4.07	134.6	4.37	143.1	4.67	160.3	5.32	178.3	5.97
	30	90.9	3.01	108.0	3.56	126.0	4.17	134.6	4.48	143.1	4.79	160.3	5.45	178.3	6.13
	35	90.9	3.09	108.0	3.66	126.0	4.29	134.6	4.60	143.1	4.93	160.3	5.59	178.3	6.30
	40	90.9	3.17	108.0	3.75	126.0	4.39	134.6	4.72	143.1	5.05	160.3	5.75	178.3	6.46
	45	90.9	3.21	108.0	3.81	126.0	4.46	134.6	4.80	143.1	5.13	160.3	5.84	178.3	6.56
	50	90.9	3.27	108.0	3.88	126.0	4.54	134.6	4.88	143.1	5.22	160.3	5.94	178.3	6.67
	55	90.9	3.33	108.0	3.95	126.0	4.61	134.6	4.95	143.1	5.31	160.3	6.05	178.3	6.81
	60	90.9	3.42	108.0	4.08	126.0	4.78	134.6	5.14	143.1	5.50	160.3	6.28	178.3	7.07
	65	90.9	3.48	108.0	4.16	126.0	4.86	134.6	5.24	143.1	5.61	160.3	6.39	178.3	7.18
	70	90.9	3.57	108.0	4.27	126.0	5.01	134.6	5.39	143.1	5.78	160.3	6.62	178.3	7.64
	75	90.9	3.63	108.0	4.35	126.0	5.10	134.6	5.58	143.1	6.05	160.3	7.07	178.3	8.09
	80	90.9	3.91	108.0	4.80	126.0	5.80	134.6	6.33	143.1	6.86	160.3	7.82	178.3	8.97
	85	90.9	4.16	108.0	5.10	126.0	6.18	134.6	6.75	143.1	7.39	160.3	8.33	178.3	9.35
	90	90.9	4.67	108.0	5.77	126.0	6.99	134.6	7.64	143.1	8.36	160.3	9.29	178.3	10.15
	95	90.9	4.93	108.0	6.12	126.0	7.45	134.6	8.15	143.1	8.87	160.3	9.77	178.3	10.45
	100	90.9	5.33	108.0	6.62	126.0	8.03	134.6	8.79	143.1	9.13	160.3	10.22	178.3	10.75
	105	90.9	6.04	108.0	7.54	126.0	8.86	134.6	9.38	143.1	9.92	160.3	10.77	178.3	11.38
	110	90.9	6.81	108.0	8.54	126.0	9.38	134.6	9.94	143.1	10.76	160.3	11.21	173.1	12.23
	115	90.9	7.32	108.0	9.11	126.0	9.70	134.6	10.51	143.1	11.07	160.3	11.55	163.2	13.02
	118	90.9	7.77	108.0	9.68	126.0	10.30	134.6	11.14	130.2	11.07	134.4	9.80	133.3	11.05
	122	90.9	8.38	108.0	10.48	112.5	9.84	107.5	9.16	104.3	8.38	107.9	7.43	107.3	8.40
60%	-9.9	78.0	1.97	92.6	2.28	108.0	2.68	114.9	2.86	122.6	3.08	138.0	3.49	152.6	3.90
	-5	78.0	2.08	92.6	2.41	108.0	2.83	114.9	3.02	122.6	3.25	138.0	3.68	152.6	4.12
	0	78.0	2.16	92.6	2.51	108.0	2.94	114.9	3.14	122.6	3.38	138.0	3.83	152.6	4.28
	5	78.0	2.24	92.6	2.60	108.0	3.05	114.9	3.26	122.6	3.51	138.0	3.97	152.6	4.44
	10	78.0	2.30	92.6	2.67	108.0	3.14	114.9	3.35	122.6	3.61	138.0	4.09	152.6	4.57
	14	78.0	2.39	92.6	2.77	108.0	3.25	114.9	3.47	122.6	3.74	138.0	4.23	152.6	4.73
	20	78.0	2.46	92.6	2.87	108.0	3.36	114.9	3.59	122.6	3.86	138.0	4.37	152.6	4.90
	25	78.0	2.52	92.6	2.95	108.0	3.44	114.9	3.70	122.6	3.96	138.0	4.49	152.6	5.04
	30	78.0	2.58	92.6	3.04	108.0	3.53	114.9	3.80	122.6	4.06	138.0	4.61	152.6	5.17
	35	78.0	2.64	92.6	3.12	108.0	3.62	114.9	3.89	122.6	4.16	138.0	4.72	152.6	5.31
	40	78.0	2.71	92.6	3.20	108.0	3.72	114.9	4.00	122.6	4.27	138.0	4.85	152.6	5.44
	45	78.0	2.74	92.6	3.23	108.0	3.74	114.9	4.03	122.6	4.31	138.0	4.89	152.6	5.48
	50	78.0	2.76	92.6	3.25	108.0	3.78	114.9	4.06	122.6	4.35	138.0	4.93	152.6	5.54
	55	78.0	2.80	92.6	3.31	108.0	3.86	114.9	4.14	122.6	4.42	138.0	5.03	152.6	5.63
	60	78.0	2.89	92.6	3.42	108.0	3.99	114.9	4.29	122.6	4.59	138.0	5.20	152.6	5.86
	65	78.0	2.93	92.6	3.48	108.0	4.06	114.9	4.37	122.6	4.67	138.0	5.31	152.6	5.97
	70	78.0	3.01	92.6	3.57	108.0	4.18	114.9	4.48	122.6	4.80	138.0	5.46	152.6	6.20
	75	78.0	3.06	92.6	3.63	108.0	4.25	114.9	4.57	122.6	4.95	138.0	5.78	152.6	6.60
	80	78.0	3.25	92.6	3.97	108.0	4.76	114.9	5.20	122.6	5.63	138.0	6.48	152.6	7.46
	85	78.0	3.46	92.6	4.22	108.0	5.07	114.9	5.54	122.6	6.03	138.0	6.82	152.6	7.70
	90	78.0	3.88	92.6	4.76	108.0	5.73	114.9	6.26	122.6	6.77	138.0	7.63	152.6	8.40
	95	78.0	4.10	92.6	5.05	108.0	6.09	114.9	6.67	122.6	7.17	138.0	7.97	152.6	8.85
	100	78.0	4.40	92.6	5.43	108.0	6.56	114.9	7.18	122.6	7.49	138.0	8.45	152.6	9.22
	105	78.0	5.01	92.6	6.18	108.0	7.24	114.9	7.66	122.6	8.15	138.0	8.98	152.6	10.06
	110	78.0	5.63	92.6	7.01	108.0	7.81	114.9	8.13	122.6	8.81	138.0	9.61	152.6	10.97
	115	78.0	6.03	92.6	7.49	108.0	8.12	114.9	8.60	122.6	9.12	138.0	10.15	152.6	11.72
	118	78.0	6.38	92.6	7.94	108.0	8.62	114.9	9.14	122.6	9.71	134.4	9.80	133.3	11.05
	122	78.0	6.88	92.6	8.58	108.0	9.34	107.3	9.27	103.8	8.58	107.9	7.43	107.3	8.40

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 heat recovery system synchronous operating range.
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).

COOLING CAPACITY DATA



ARUM192CTE5

192,000 Btu/h 575V Outdoor 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
50%		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
	-9.9	64.8	1.69	77.1	1.99	90.0	2.23	96.0	2.40	102.0	2.58	114.9	2.87	126.9	3.18
	-5	64.8	1.78	77.1	2.10	90.0	2.35	96.0	2.53	102.0	2.73	114.9	3.02	126.9	3.35
	0	64.8	1.86	77.1	2.18	90.0	2.44	96.0	2.63	102.0	2.83	114.9	3.15	126.9	3.49
	5	64.8	1.92	77.1	2.26	90.0	2.53	96.0	2.73	102.0	2.94	114.9	3.26	126.9	3.62
	10	64.8	1.98	77.1	2.33	90.0	2.61	96.0	2.81	102.0	3.02	114.9	3.35	126.9	3.72
	14	64.8	2.05	77.1	2.41	90.0	2.70	96.0	2.91	102.0	3.13	114.9	3.48	126.9	3.85
	20	64.8	2.13	77.1	2.49	90.0	2.81	96.0	3.02	102.0	3.24	114.9	3.60	126.9	4.00
	25	64.8	2.19	77.1	2.55	90.0	2.91	96.0	3.10	102.0	3.32	114.9	3.71	126.9	4.12
	30	64.8	2.25	77.1	2.61	90.0	3.00	96.0	3.19	102.0	3.41	114.9	3.81	126.9	4.25
	35	64.8	2.31	77.1	2.68	90.0	3.08	96.0	3.28	102.0	3.50	114.9	3.92	126.9	4.36
	40	64.8	2.37	77.1	2.75	90.0	3.16	96.0	3.36	102.0	3.58	114.9	4.01	126.9	4.47
	45	64.8	2.41	77.1	2.79	90.0	3.20	96.0	3.40	102.0	3.63	114.9	4.07	126.9	4.53
	50	64.8	2.44	77.1	2.83	90.0	3.25	96.0	3.45	102.0	3.69	114.9	4.13	126.9	4.60
	55	64.8	2.49	77.1	2.88	90.0	3.30	96.0	3.51	102.0	3.74	114.9	4.21	126.9	4.68
	60	64.8	2.55	77.1	2.96	90.0	3.40	96.0	3.64	102.0	3.87	114.9	4.34	126.9	4.86
	65	64.8	2.57	77.1	3.01	90.0	3.45	96.0	3.69	102.0	3.92	114.9	4.42	126.9	4.93
	70	64.8	2.65	77.1	3.06	90.0	3.53	96.0	3.79	102.0	4.03	114.9	4.55	126.9	5.09
	75	64.8	2.68	77.1	3.12	90.0	3.61	96.0	3.84	102.0	4.10	114.9	4.62	126.9	5.19
	80	64.8	2.75	77.1	3.30	90.0	3.87	96.0	4.18	102.0	4.49	114.9	5.17	126.9	5.90
	85	64.8	2.93	77.1	3.48	90.0	4.10	96.0	4.44	102.0	4.78	114.9	5.51	126.9	6.29
	90	64.8	3.27	77.1	3.90	90.0	4.62	96.0	4.99	102.0	5.38	114.9	6.21	126.9	7.12
	95	64.8	3.45	77.1	4.13	90.0	4.88	96.0	5.30	102.0	5.71	114.9	6.60	126.9	7.56
	100	64.8	3.64	77.1	4.36	90.0	5.17	96.0	5.61	102.0	6.05	114.9	7.01	126.9	8.03
	105	64.8	3.97	77.1	4.82	90.0	5.72	96.0	6.19	102.0	6.70	114.9	7.77	126.9	8.93
	110	64.8	4.39	77.1	5.32	90.0	6.34	96.0	6.88	102.0	7.45	114.9	8.68	126.9	9.97
	115	64.8	4.70	77.1	5.71	90.0	6.81	96.0	7.40	102.0	8.03	114.9	9.35	126.9	10.75
	118	64.8	5.08	77.1	6.20	90.0	7.40	96.0	8.05	102.0	8.74	114.9	9.80	126.9	11.05
	122	64.8	5.60	77.1	6.85	90.0	8.18	96.0	8.94	102.0	8.58	107.9	7.43	107.3	8.40

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 heat recovery system synchronous operating range.
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).

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
130%	-9.9	196.4	4.92	233.3	5.97	271.2	7.09	281.2	7.65	285.2	8.25	295.1	9.46	302.1	9.77
	-5	196.4	5.19	233.3	6.30	271.2	7.48	281.2	8.07	285.2	8.71	295.1	9.98	302.1	10.31
	0	196.4	5.40	233.3	6.56	271.2	7.78	281.2	8.40	285.2	9.06	295.1	10.38	302.1	10.73
	5	196.4	5.60	233.3	6.80	271.2	8.07	281.2	8.70	285.2	9.39	295.1	10.76	302.1	11.12
	10	196.4	5.76	233.3	6.99	271.2	8.30	281.2	8.95	285.2	9.66	295.1	11.07	302.1	11.44
	14	196.4	5.97	233.3	7.24	271.2	8.60	281.2	9.28	285.2	10.01	295.1	11.47	302.1	11.85
	20	196.4	6.07	233.3	7.36	271.2	8.72	281.2	9.42	285.2	10.15	295.1	11.63	302.1	12.03
	25	196.4	6.16	233.3	7.46	271.2	8.83	281.2	9.54	285.2	10.26	295.1	11.76	302.1	12.17
	30	196.4	6.24	233.3	7.55	271.2	8.93	281.2	9.66	285.2	10.38	295.1	11.90	302.1	12.31
	35	196.4	6.31	233.3	7.65	271.2	9.04	281.2	9.76	285.2	10.51	295.1	12.04	302.1	12.46
	40	196.4	6.39	233.3	7.73	271.2	9.15	281.2	9.89	285.2	10.63	295.1	12.18	302.1	12.61
	45	196.4	6.46	233.3	7.81	271.2	9.25	281.2	9.99	285.2	10.73	295.1	12.31	302.1	12.73
	50	196.4	6.52	233.3	7.89	271.2	9.33	281.2	10.09	285.2	10.85	295.1	12.43	302.1	12.86
	55	196.4	6.63	233.3	8.04	271.2	9.51	277.2	10.31	281.2	11.06	291.0	12.65	298.1	12.95
	60	196.4	6.85	233.3	8.32	267.2	9.91	271.0	10.70	274.2	11.49	284.0	13.04	291.0	13.10
	65	196.4	6.99	233.3	8.50	263.2	10.09	267.2	10.92	270.2	11.71	280.0	13.48	287.0	13.58
	70	196.4	6.73	233.3	8.17	258.2	10.06	261.2	11.06	265.2	12.14	274.9	13.49	282.0	13.62
	75	196.4	6.89	233.3	8.71	254.3	10.76	257.2	11.87	261.2	13.02	270.9	14.13	277.9	14.23
	80	196.4	7.84	233.3	9.92	247.3	12.31	250.3	13.59	254.3	14.93	263.8	15.34	270.9	15.47
	85	196.4	8.34	233.3	10.59	243.3	13.15	247.3	14.50	250.3	15.84	259.8	15.98	266.9	16.11
	90	196.4	9.45	229.3	12.04	236.3	14.93	239.3	16.51	243.3	17.09	252.8	17.22	259.8	17.39
	95	198.5	10.02	227.7	12.81	234.8	15.94	238.8	17.62	241.8	17.69	251.4	17.86	258.5	18.03
	100	198.5	10.85	223.7	13.86	230.8	17.28	234.8	18.55	237.8	18.65	248.3	18.82	255.5	18.99
	105	198.5	12.23	217.7	15.68	224.7	19.49	228.2	19.94	231.7	20.05	239.7	20.23	243.2	20.42
	110	198.5	13.73	208.7	17.67	217.4	21.26	218.1	21.37	221.3	21.44	226.0	21.65	226.8	21.85
	115	197.5	15.89	201.1	20.32	201.1	22.41	201.1	22.41	201.1	22.41	204.0	22.45	204.9	22.49
	118	171.7	13.46	174.9	17.22	175.1	18.85	175.1	19.02	175.1	19.02	177.6	19.05	176.9	19.09
	122	137.2	10.21	140.2	13.09	139.6	14.35	139.9	14.38	140.2	14.40	142.6	14.44	142.4	14.50
120%	-9.9	178.7	4.64	213.3	5.62	247.9	6.66	265.6	7.18	277.5	7.74	290.1	8.88	296.1	9.17
	-5	178.7	4.89	213.3	5.93	247.9	7.02	265.6	7.57	277.5	8.17	290.1	9.36	296.1	9.68
	0	178.7	5.09	213.3	6.17	247.9	7.31	265.6	7.88	277.5	8.50	290.1	9.74	296.1	10.07
	5	178.7	5.28	213.3	6.40	247.9	7.57	265.6	8.17	277.5	8.81	290.1	10.10	296.1	10.44
	10	178.7	5.43	213.3	6.58	247.9	7.79	265.6	8.40	277.5	9.06	290.1	10.39	296.1	10.74
	14	178.7	5.63	213.3	6.82	247.9	8.07	265.6	8.71	277.5	9.39	290.1	10.76	296.1	11.12
	20	178.7	5.71	213.3	6.92	247.9	8.19	265.6	8.84	277.5	9.52	290.1	10.92	296.1	11.29
	25	178.7	5.79	213.3	7.01	247.9	8.29	265.6	8.95	277.5	9.63	290.1	11.04	296.1	11.42
	30	178.7	5.86	213.3	7.09	247.9	8.38	265.6	9.06	277.5	9.74	290.1	11.17	296.1	11.56
	35	178.7	5.94	213.3	7.17	247.9	8.49	265.6	9.18	277.5	9.86	290.1	11.30	296.1	11.70
	40	178.7	6.01	213.3	7.27	247.9	8.60	265.6	9.29	277.5	9.99	290.1	11.45	296.1	11.85
	45	178.7	6.08	213.3	7.35	247.9	8.69	265.6	9.40	277.5	10.10	290.1	11.57	296.1	11.98
	50	178.7	6.14	213.3	7.43	247.9	8.79	265.6	9.50	277.5	10.21	290.1	11.71	296.1	12.11
	55	178.7	6.24	213.3	7.57	247.9	8.96	265.6	9.71	274.5	10.42	286.1	11.91	293.1	12.20
	60	178.7	6.45	213.3	7.84	247.9	9.33	263.7	10.08	266.6	10.82	279.0	12.28	285.1	12.50
	65	178.7	6.58	213.3	8.01	247.9	9.50	259.7	10.28	263.7	11.03	275.0	12.69	282.0	12.79
	70	178.7	6.46	213.3	7.85	247.9	9.65	254.8	10.62	257.7	11.66	269.9	12.95	276.0	13.08
	75	178.7	6.62	213.3	8.36	247.9	10.33	250.8	11.40	254.8	12.50	265.9	13.56	273.0	13.66
	80	178.7	7.52	213.3	9.52	241.0	11.82	243.9	13.04	246.9	14.34	258.9	14.72	264.9	14.85
	85	178.7	8.01	213.3	10.17	237.0	12.62	240.0	13.92	243.9	15.21	254.8	15.34	261.9	15.47
	90	178.7	9.07	213.3	11.56	230.1	14.34	233.1	15.85	236.0	16.40	247.8	16.53	253.8	16.69
	95	180.6	9.62	215.6	12.30	228.5	15.30	231.5	16.92	235.5	16.98	246.3	17.14	253.5	17.31
	100	180.6	10.41	215.6	13.30	224.5	16.59	228.5	17.81	231.5	17.90	243.3	18.07	249.4	18.23
	105	180.6	11.73	212.1	15.06	218.6	18.72	222.1	19.14	225.0	19.25	236.2	19.42	240.1	19.60
	110	180.6	13.18	206.7	16.96	213.4	20.41	214.1	20.51	217.2	20.58	224.0	20.78	224.9	20.98
	115	175.6	15.25	199.1	19.51	199.1	21.52	199.1	21.52	199.1	21.52	204.0	21.56	205.0	21.59
	118	156.8	13.46	173.2	16.53	173.4	18.09	173.4	18.26	173.4	18.26	177.7	18.29	176.9	18.32
	122	125.3	10.21	138.9	12.57	138.2	13.77	138.5	13.81	138.9	13.82	142.7	13.86	142.4	13.92

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 heat recovery system synchronous operating range.
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).

COOLING CAPACITY DATA



ARUM216CTE5

216,000 Btu/h 575V Outdoor 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	165.7	4.27	197.6	5.15	229.5	6.11	245.5	6.62	261.5	7.09	288.1	8.09	294.2	8.39
	-5	165.7	4.51	197.6	5.44	229.5	6.44	245.5	6.98	261.5	7.48	288.1	8.54	294.2	8.86
	0	165.7	4.69	197.6	5.65	229.5	6.70	245.5	7.26	261.5	7.78	288.1	8.88	294.2	9.21
	5	165.7	4.86	197.6	5.86	229.5	6.95	245.5	7.53	261.5	8.07	288.1	9.20	294.2	9.55
	10	165.7	5.00	197.6	6.03	229.5	7.15	245.5	7.75	261.5	8.30	288.1	9.47	294.2	9.82
	14	165.7	5.18	197.6	6.25	229.5	7.40	245.5	8.03	261.5	8.60	288.1	9.81	294.2	10.18
	20	165.7	5.25	197.6	6.35	229.5	7.52	245.5	8.14	261.5	8.73	288.1	9.98	294.2	10.34
	25	165.7	5.32	197.6	6.43	229.5	7.61	245.5	8.23	261.5	8.84	288.1	10.12	294.2	10.47
	30	165.7	5.38	197.6	6.51	229.5	7.70	245.5	8.33	261.5	8.95	288.1	10.26	294.2	10.60
	35	165.7	5.46	197.6	6.60	229.5	7.81	245.5	8.45	261.5	9.08	288.1	10.41	294.2	10.77
	40	165.7	5.54	197.6	6.70	229.5	7.92	245.5	8.56	261.5	9.21	288.1	10.55	294.2	10.90
	45	165.7	5.63	197.6	6.80	229.5	8.05	245.5	8.70	261.5	9.36	288.1	10.73	294.2	11.09
	50	165.7	5.72	197.6	6.92	229.5	8.18	245.5	8.85	261.5	9.51	288.1	10.90	294.2	11.26
	55	165.7	5.81	197.6	7.05	229.5	8.34	245.5	9.04	261.5	9.70	284.0	11.09	290.1	11.37
	60	165.7	6.00	197.6	7.30	229.5	8.69	245.5	9.38	261.5	10.08	276.9	11.44	283.0	11.54
	65	165.7	6.13	197.6	7.46	229.5	8.85	245.5	9.57	261.5	10.27	272.8	11.82	278.9	11.91
	70	165.7	6.19	197.6	7.52	229.5	9.26	245.5	10.19	256.5	11.18	267.7	12.41	273.8	12.54
	75	165.7	6.35	197.6	8.02	229.5	9.91	245.5	10.93	252.5	11.98	263.6	13.00	269.7	13.10
	80	164.0	7.21	195.6	9.13	227.2	11.33	240.0	12.51	243.0	13.75	253.9	14.12	259.9	14.24
	85	164.0	7.68	195.6	9.75	227.2	12.10	236.1	13.34	239.0	14.58	249.9	14.71	255.9	14.83
	90	164.0	8.70	195.6	11.08	226.2	13.75	229.2	15.20	232.1	15.73	242.8	15.85	248.9	16.01
	95	164.0	9.23	195.6	11.80	222.2	14.67	225.2	16.22	228.2	16.28	238.8	16.44	244.8	16.59
	100	164.0	9.99	195.6	12.76	219.3	15.91	222.2	17.07	225.2	17.17	235.8	17.33	241.8	17.48
	105	164.0	11.26	195.6	14.43	212.5	17.95	215.4	18.37	218.3	18.46	228.8	18.62	234.7	18.80
	110	164.0	12.64	195.6	16.27	205.9	19.57	206.5	19.67	209.5	19.73	216.1	19.93	216.9	20.12
	115	164.0	14.63	195.6	18.71	197.1	20.63	197.1	20.63	198.0	20.63	202.0	20.67	202.9	20.71
	118	158.4	13.33	170.1	15.85	171.6	17.35	171.6	17.51	172.4	17.51	175.8	17.54	175.1	17.57
	122	126.6	10.11	136.4	12.05	136.8	13.21	137.1	13.24	138.1	13.25	141.2	13.29	141.0	13.35
100%	-9.9	145.6	3.76	173.6	4.53	201.5	5.37	216.0	5.85	237.4	6.34	266.2	7.31	281.1	7.61
	-5	145.6	3.96	173.6	4.78	201.5	5.67	216.0	6.18	237.4	6.68	266.2	7.71	281.1	8.03
	0	145.6	4.12	173.6	4.98	201.5	5.90	216.0	6.43	237.4	6.95	266.2	8.02	281.1	8.35
	5	145.6	4.27	173.6	5.16	201.5	6.11	216.0	6.66	237.4	7.21	266.2	8.31	281.1	8.66
	10	145.6	4.40	173.6	5.31	201.5	6.29	216.0	6.85	237.4	7.41	266.2	8.55	281.1	8.91
	14	145.6	4.56	173.6	5.50	201.5	6.52	216.0	7.10	237.4	7.68	266.2	8.86	281.1	9.23
	20	145.6	4.70	173.6	5.68	201.5	6.72	216.0	7.30	237.4	7.93	266.2	9.12	281.1	9.49
	25	145.6	4.82	173.6	5.83	201.5	6.89	216.0	7.47	237.4	8.13	266.2	9.34	281.1	9.71
	30	145.6	4.94	173.6	5.97	201.5	7.07	216.0	7.64	237.4	8.33	266.2	9.55	281.1	9.93
	35	145.6	5.01	173.6	6.07	201.5	7.18	216.0	7.76	237.4	8.47	266.2	9.71	281.1	10.10
	40	145.6	5.10	173.6	6.17	201.5	7.29	216.0	7.88	237.4	8.60	266.2	9.86	281.1	10.25
	45	145.6	5.21	173.6	6.30	201.5	7.44	216.0	8.05	237.4	8.78	266.2	10.07	281.1	10.47
	50	145.6	5.31	173.6	6.42	201.5	7.60	216.0	8.21	237.4	8.96	266.2	10.27	281.1	10.68
	55	145.6	5.40	173.6	6.54	201.5	7.74	216.0	8.39	237.4	9.14	266.2	10.45	278.1	10.84
	60	145.6	5.57	173.6	6.78	201.5	8.07	216.0	8.71	237.4	9.50	265.2	10.78	270.2	11.03
	65	145.6	5.69	173.6	6.92	201.5	8.21	216.0	8.89	237.4	9.68	261.2	11.13	267.2	11.36
	70	145.6	5.87	173.6	7.13	201.5	8.77	216.0	9.65	237.4	10.75	256.2	11.94	261.2	12.15
	75	145.6	6.01	173.6	7.60	201.5	9.39	216.0	10.35	237.4	11.52	252.3	12.50	258.2	12.66
	80	145.6	6.83	173.6	8.65	201.5	10.74	216.0	11.85	237.4	13.22	245.3	13.58	250.3	13.76
	85	145.6	7.27	173.6	9.24	201.5	11.47	216.0	12.64	236.4	14.02	241.4	14.14	247.3	14.33
	90	145.6	8.24	173.6	10.50	201.5	13.02	216.0	14.40	228.4	15.12	234.4	15.24	239.4	15.47
	95	145.6	8.74	173.6	11.18	201.5	13.90	216.0	15.37	225.5	15.66	230.4	15.81	236.4	16.04
	100	145.6	9.44	173.6	12.06	201.5	15.04	212.1	16.14	221.6	16.47	227.4	16.62	232.5	16.86
	105	145.6	10.61	173.6	13.59	200.4	16.91	206.3	17.29	214.9	17.64	220.5	17.80	225.9	18.04
	110	145.6	11.85	173.6	15.26	198.1	18.35	202.6	18.44	206.7	18.78	210.0	18.97	213.8	19.24
	115	145.6	13.62	173.6	17.42	188.6	19.21	194.4	19.21	199.3	19.50	201.1	19.54	202.0	19.67
	118	145.6	13.74	152.3	16.34	164.2	16.16	169.3	16.30	173.5	16.55	175.1	16.58	174.4	16.69
	122	124.6	12.44	122.1	12.43	130.9	12.30	135.2	12.33	139.0	12.53	140.6	12.57	140.4	12.68

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 heat recovery system synchronous operating range.
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).

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	3.35	156.2	4.02	182.3	4.74	194.8	5.10	207.3	5.45	232.4	6.28	257.5	6.89
	-5	131.1	3.54	156.2	4.24	182.3	5.01	194.8	5.38	207.3	5.75	232.4	6.63	257.5	7.27
	0	131.1	3.68	156.2	4.41	182.3	5.21	194.8	5.60	207.3	5.98	232.4	6.89	257.5	7.57
	5	131.1	3.81	156.2	4.57	182.3	5.40	194.8	5.80	207.3	6.20	232.4	7.14	257.5	7.84
	10	131.1	3.92	156.2	4.70	182.3	5.55	194.8	5.97	207.3	6.38	232.4	7.35	257.5	8.07
	14	131.1	4.06	156.2	4.87	182.3	5.75	194.8	6.19	207.3	6.61	232.4	7.62	257.5	8.36
	20	131.1	4.21	156.2	5.06	182.3	5.97	194.8	6.43	207.3	6.89	232.4	7.89	257.5	8.68
	25	131.1	4.33	156.2	5.21	182.3	6.15	194.8	6.62	207.3	7.12	232.4	8.12	257.5	8.95
	30	131.1	4.46	156.2	5.36	182.3	6.33	194.8	6.82	207.3	7.35	232.4	8.34	257.5	9.21
	35	131.1	4.60	156.2	5.53	182.3	6.52	194.8	7.02	207.3	7.56	232.4	8.59	257.5	9.50
	40	131.1	4.73	156.2	5.69	182.3	6.71	194.8	7.24	207.3	7.79	232.4	8.85	257.5	9.77
	45	131.1	4.84	156.2	5.83	182.3	6.87	194.8	7.41	207.3	7.98	232.4	9.05	257.5	10.01
	50	131.1	4.95	156.2	5.95	182.3	7.02	194.8	7.57	207.3	8.15	232.4	9.26	257.5	10.22
	55	131.1	5.01	156.2	6.05	182.3	7.14	194.8	7.73	207.3	8.31	232.4	9.44	257.5	10.32
	60	131.1	5.19	156.2	6.29	182.3	7.42	194.8	8.03	207.3	8.64	232.4	9.81	255.3	10.44
	65	131.1	5.28	156.2	6.41	182.3	7.57	194.8	8.18	207.3	8.79	232.4	9.99	253.6	10.96
	70	131.1	5.44	156.2	6.60	182.3	7.85	194.8	8.64	207.3	9.44	232.4	11.14	248.8	11.77
	75	131.1	5.53	156.2	6.90	182.3	8.40	194.8	9.25	207.3	10.14	232.4	11.62	244.9	12.30
	80	131.1	6.20	156.2	7.82	182.3	9.59	194.8	10.56	207.3	11.57	232.4	12.85	238.2	13.37
	85	131.1	6.60	156.2	8.34	182.3	10.26	194.8	11.27	207.3	12.37	229.5	13.53	234.3	13.92
	90	131.1	7.45	156.2	9.44	182.3	11.63	194.8	12.82	207.3	14.08	222.8	14.81	227.6	15.03
	95	131.1	7.94	156.2	10.02	182.3	12.40	194.8	13.68	207.3	15.02	218.9	15.37	223.7	15.58
	100	131.1	8.20	156.2	10.44	182.3	12.91	194.8	14.22	207.3	15.35	216.0	16.03	219.9	16.21
	105	131.1	9.50	156.2	12.11	182.3	14.60	194.8	15.57	205.0	16.46	209.3	17.18	212.1	17.40
	110	131.1	10.91	156.2	13.97	182.3	16.02	194.8	16.81	196.7	17.85	199.3	18.46	200.9	18.67
	115	131.1	11.82	156.2	15.14	170.7	16.87	184.7	17.59	187.3	18.42	189.1	18.82	189.9	19.06
	118	131.1	12.55	152.3	16.34	148.6	14.18	160.8	14.92	163.1	15.63	164.6	15.97	163.9	16.18
	122	124.6	12.44	122.1	12.43	118.4	10.80	128.5	11.29	130.6	11.83	132.2	12.11	131.9	12.29
80%	-9.9	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	3.06	138.9	3.69	162.0	4.28	172.6	4.65	184.2	5.02	206.4	5.73	228.5	6.38
	0	116.7	3.19	138.9	3.84	162.0	4.46	172.6	4.84	184.2	5.22	206.4	5.96	228.5	6.64
	5	116.7	3.30	138.9	3.98	162.0	4.62	172.6	5.02	184.2	5.41	206.4	6.18	228.5	6.88
	10	116.7	3.40	138.9	4.09	162.0	4.75	172.6	5.16	184.2	5.57	206.4	6.36	228.5	7.08
	14	116.7	3.52	138.9	4.24	162.0	4.93	172.6	5.35	184.2	5.77	206.4	6.59	228.5	7.34
	20	116.7	3.65	138.9	4.39	162.0	5.12	172.6	5.55	184.2	5.97	206.4	6.82	228.5	7.62
	25	116.7	3.77	138.9	4.52	162.0	5.29	172.6	5.72	184.2	6.13	206.4	7.02	228.5	7.85
	30	116.7	3.88	138.9	4.64	162.0	5.45	172.6	5.88	184.2	6.30	206.4	7.22	228.5	8.09
	35	116.7	3.98	138.9	4.78	162.0	5.61	172.6	6.04	184.2	6.47	206.4	7.42	228.5	8.32
	40	116.7	4.09	138.9	4.90	162.0	5.75	172.6	6.21	184.2	6.65	206.4	7.62	228.5	8.54
	45	116.7	4.15	138.9	4.96	162.0	5.84	172.6	6.30	184.2	6.73	206.4	7.73	228.5	8.65
	50	116.7	4.21	138.9	5.04	162.0	5.91	172.6	6.38	184.2	6.83	206.4	7.83	228.5	8.77
	55	116.7	4.27	138.9	5.12	162.0	6.02	172.6	6.49	184.2	6.96	206.4	7.98	228.5	8.92
	60	116.7	4.42	138.9	5.29	162.0	6.23	172.6	6.72	184.2	7.24	206.4	8.26	228.5	9.29
	65	116.7	4.48	138.9	5.40	162.0	6.36	172.6	6.85	184.2	7.39	206.4	8.41	228.5	9.50
	70	116.7	4.61	138.9	5.55	162.0	6.55	172.6	7.07	184.2	7.69	206.4	9.07	228.5	10.50
	75	116.7	4.70	138.9	5.66	162.0	6.87	172.6	7.54	184.2	8.20	206.4	9.65	228.5	11.07
	80	116.7	5.14	138.9	6.43	162.0	7.83	172.6	8.56	184.2	9.35	206.4	11.10	228.5	12.37
	85	116.7	5.49	138.9	6.83	162.0	8.35	172.6	9.14	184.2	10.01	206.4	11.83	228.5	12.69
	90	116.7	6.17	138.9	7.75	162.0	9.44	172.6	10.37	184.2	11.38	206.4	13.00	224.8	13.45
	95	116.7	6.55	138.9	8.20	162.0	10.08	172.6	11.02	184.2	12.10	206.4	13.45	220.0	13.82
	100	116.7	7.07	138.9	8.84	162.0	10.87	172.6	11.80	184.2	12.58	206.4	14.00	215.0	14.26
	105	116.7	8.05	138.9	10.11	162.0	12.10	172.6	12.66	184.2	13.49	203.9	14.56	208.9	14.97
	110	116.7	9.14	138.9	11.53	162.0	12.83	172.6	13.53	184.2	14.54	196.7	15.09	197.7	15.74
	115	116.7	9.78	138.9	12.32	162.0	13.26	172.6	14.22	172.6	14.88	173.7	15.43	173.7	16.37
	118	116.7	10.38	138.9	13.09	148.6	14.18	151.6	13.49	150.3	12.62	151.2	13.10	149.9	13.89
	122	116.7	11.22	122.5	12.35	118.4	10.80	121.1	10.21	120.4	9.56	121.4	9.93	120.7	10.55

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 heat recovery system synchronous operating range.
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).

COOLING CAPACITY DATA



ARUM216CTE5

216,000 Btu/h 575V Outdoor 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	2.56	121.5	3.05	141.8	3.58	151.4	3.84	161.0	4.09	180.3	4.68	200.6	5.24
	-5	102.2	2.70	121.5	3.21	141.8	3.78	151.4	4.05	161.0	4.31	180.3	4.94	200.6	5.53
	0	102.2	2.81	121.5	3.34	141.8	3.93	151.4	4.21	161.0	4.49	180.3	5.14	200.6	5.75
	5	102.2	2.92	121.5	3.47	141.8	4.08	151.4	4.36	161.0	4.65	180.3	5.33	200.6	5.96
	10	102.2	3.00	121.5	3.56	141.8	4.20	151.4	4.49	161.0	4.78	180.3	5.48	200.6	6.13
	14	102.2	3.11	121.5	3.69	141.8	4.35	151.4	4.65	161.0	4.96	180.3	5.68	200.6	6.36
	20	102.2	3.22	121.5	3.82	141.8	4.48	151.4	4.81	161.0	5.13	180.3	5.86	200.6	6.57
	25	102.2	3.30	121.5	3.92	141.8	4.60	151.4	4.93	161.0	5.27	180.3	6.01	200.6	6.75
	30	102.2	3.39	121.5	4.02	141.8	4.71	151.4	5.06	161.0	5.41	180.3	6.16	200.6	6.93
	35	102.2	3.49	121.5	4.13	141.8	4.84	151.4	5.20	161.0	5.56	180.3	6.32	200.6	7.12
	40	102.2	3.57	121.5	4.24	141.8	4.96	151.4	5.33	161.0	5.70	180.3	6.49	200.6	7.29
	45	102.2	3.63	121.5	4.30	141.8	5.04	151.4	5.43	161.0	5.79	180.3	6.59	200.6	7.41
	50	102.2	3.69	121.5	4.38	141.8	5.12	151.4	5.51	161.0	5.89	180.3	6.70	200.6	7.54
	55	102.2	3.76	121.5	4.46	141.8	5.21	151.4	5.59	161.0	6.00	180.3	6.83	200.6	7.69
	60	102.2	3.86	121.5	4.61	141.8	5.40	151.4	5.81	161.0	6.21	180.3	7.09	200.6	7.98
	65	102.2	3.93	121.5	4.70	141.8	5.49	151.4	5.91	161.0	6.34	180.3	7.22	200.6	8.11
	70	102.2	4.03	121.5	4.82	141.8	5.66	151.4	6.08	161.0	6.53	180.3	7.47	200.6	8.62
	75	102.2	4.10	121.5	4.91	141.8	5.76	151.4	6.30	161.0	6.83	180.3	7.98	200.6	9.13
	80	102.2	4.42	121.5	5.42	141.8	6.55	151.4	7.15	161.0	7.75	180.3	8.83	200.6	10.13
	85	102.2	4.70	121.5	5.76	141.8	6.98	151.4	7.62	161.0	8.35	180.3	9.41	200.6	10.56
	90	102.2	5.27	121.5	6.51	141.8	7.90	151.4	8.62	161.0	9.44	180.3	10.49	200.6	11.46
	95	102.2	5.57	121.5	6.92	141.8	8.41	151.4	9.20	161.0	10.01	180.3	11.03	200.6	11.81
	100	102.2	6.02	121.5	7.47	141.8	9.07	151.4	9.93	161.0	10.31	180.3	11.54	200.6	12.14
	105	102.2	6.82	121.5	8.51	141.8	10.01	151.4	10.59	161.0	11.20	180.3	12.16	200.6	12.85
	110	102.2	7.69	121.5	9.65	141.8	10.59	151.4	11.23	161.0	12.15	180.3	12.66	194.8	13.82
	115	102.2	8.26	121.5	10.29	141.8	10.95	151.4	11.87	161.0	12.50	180.3	13.05	183.6	14.71
	118	102.2	8.77	121.5	10.93	141.8	11.63	151.4	12.58	146.5	12.50	151.2	11.07	149.9	12.48
	122	102.2	9.46	121.5	11.84	126.5	11.11	121.0	10.34	117.4	9.46	121.4	8.39	120.7	9.48
60%	-9.9	87.8	2.22	104.1	2.58	121.5	3.03	129.2	3.23	137.9	3.48	155.3	3.94	171.6	4.41
	-5	87.8	2.34	104.1	2.72	121.5	3.19	129.2	3.41	137.9	3.67	155.3	4.16	171.6	4.65
	0	87.8	2.44	104.1	2.83	121.5	3.32	129.2	3.55	137.9	3.82	155.3	4.33	171.6	4.84
	5	87.8	2.53	104.1	2.93	121.5	3.44	129.2	3.68	137.9	3.96	155.3	4.49	171.6	5.01
	10	87.8	2.60	104.1	3.02	121.5	3.54	129.2	3.79	137.9	4.08	155.3	4.61	171.6	5.16
	14	87.8	2.69	104.1	3.13	121.5	3.67	129.2	3.92	137.9	4.22	155.3	4.78	171.6	5.35
	20	87.8	2.78	104.1	3.24	121.5	3.79	129.2	4.06	137.9	4.36	155.3	4.94	171.6	5.53
	25	87.8	2.84	104.1	3.34	121.5	3.89	129.2	4.17	137.9	4.47	155.3	5.07	171.6	5.69
	30	87.8	2.91	104.1	3.43	121.5	3.99	129.2	4.29	137.9	4.59	155.3	5.20	171.6	5.84
	35	87.8	2.98	104.1	3.52	121.5	4.09	129.2	4.40	137.9	4.70	155.3	5.33	171.6	5.99
	40	87.8	3.06	104.1	3.61	121.5	4.20	129.2	4.51	137.9	4.83	155.3	5.48	171.6	6.15
	45	87.8	3.09	104.1	3.64	121.5	4.23	129.2	4.55	137.9	4.87	155.3	5.52	171.6	6.19
	50	87.8	3.12	104.1	3.67	121.5	4.27	129.2	4.59	137.9	4.91	155.3	5.57	171.6	6.25
	55	87.8	3.16	104.1	3.74	121.5	4.35	129.2	4.68	137.9	5.00	155.3	5.68	171.6	6.36
	60	87.8	3.27	104.1	3.86	121.5	4.50	129.2	4.85	137.9	5.19	155.3	5.87	171.6	6.62
	65	87.8	3.31	104.1	3.93	121.5	4.59	129.2	4.93	137.9	5.27	155.3	6.00	171.6	6.75
	70	87.8	3.39	104.1	4.03	121.5	4.72	129.2	5.06	137.9	5.42	155.3	6.17	171.6	7.00
	75	87.8	3.46	104.1	4.10	121.5	4.80	129.2	5.17	137.9	5.59	155.3	6.53	171.6	7.46
	80	87.8	3.67	104.1	4.48	121.5	5.38	129.2	5.87	137.9	6.36	155.3	7.32	171.6	8.43
	85	87.8	3.91	104.1	4.76	121.5	5.72	129.2	6.25	137.9	6.81	155.3	7.70	171.6	8.70
	90	87.8	4.38	104.1	5.38	121.5	6.47	129.2	7.07	137.9	7.65	155.3	8.61	171.6	9.49
	95	87.8	4.63	104.1	5.70	121.5	6.87	129.2	7.54	137.9	8.10	155.3	9.00	171.6	9.99
	100	87.8	4.97	104.1	6.13	121.5	7.41	129.2	8.11	137.9	8.46	155.3	9.55	171.6	10.42
	105	87.8	5.66	104.1	6.98	121.5	8.18	129.2	8.65	137.9	9.21	155.3	10.14	171.6	11.36
	110	87.8	6.36	104.1	7.92	121.5	8.82	129.2	9.18	137.9	9.95	155.3	10.85	171.6	12.39
	115	87.8	6.81	104.1	8.45	121.5	9.17	129.2	9.71	137.9	10.30	155.3	11.47	171.6	13.24
	118	87.8	7.21	104.1	8.96	121.5	9.73	129.2	10.32	137.9	10.96	151.2	11.07	149.9	12.48
	122	87.8	7.77	104.1	9.69	121.5	10.54	120.7	10.47	116.8	9.69	121.4	8.39	120.7	9.48

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 heat recovery system synchronous operating range.
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).

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	1.91	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	2.02	86.8	2.37	101.3	2.65	108.0	2.86	114.8	3.08	129.2	3.42	142.7	3.79
	0	72.9	2.10	86.8	2.47	101.3	2.76	108.0	2.97	114.8	3.20	129.2	3.55	142.7	3.94
	5	72.9	2.17	86.8	2.56	101.3	2.86	108.0	3.08	114.8	3.32	129.2	3.68	142.7	4.08
	10	72.9	2.24	86.8	2.63	101.3	2.94	108.0	3.17	114.8	3.41	129.2	3.79	142.7	4.20
	14	72.9	2.32	86.8	2.73	101.3	3.05	108.0	3.29	114.8	3.54	129.2	3.93	142.7	4.35
	20	72.9	2.40	86.8	2.81	101.3	3.18	108.0	3.41	114.8	3.65	129.2	4.07	142.7	4.52
	25	72.9	2.47	86.8	2.88	101.3	3.28	108.0	3.50	114.8	3.75	129.2	4.19	142.7	4.66
	30	72.9	2.55	86.8	2.95	101.3	3.39	108.0	3.60	114.8	3.85	129.2	4.31	142.7	4.80
	35	72.9	2.61	86.8	3.03	101.3	3.47	108.0	3.70	114.8	3.95	129.2	4.43	142.7	4.92
	40	72.9	2.68	86.8	3.11	101.3	3.56	108.0	3.79	114.8	4.05	129.2	4.53	142.7	5.05
	45	72.9	2.72	86.8	3.15	101.3	3.61	108.0	3.84	114.8	4.10	129.2	4.60	142.7	5.12
	50	72.9	2.76	86.8	3.20	101.3	3.67	108.0	3.90	114.8	4.17	129.2	4.66	142.7	5.19
	55	72.9	2.82	86.8	3.26	101.3	3.73	108.0	3.96	114.8	4.22	129.2	4.75	142.7	5.28
	60	72.9	2.87	86.8	3.34	101.3	3.84	108.0	4.11	114.8	4.37	129.2	4.90	142.7	5.49
	65	72.9	2.90	86.8	3.40	101.3	3.90	108.0	4.17	114.8	4.43	129.2	4.99	142.7	5.57
	70	72.9	2.99	86.8	3.46	101.3	3.99	108.0	4.28	114.8	4.55	129.2	5.13	142.7	5.75
	75	72.9	3.02	86.8	3.52	101.3	4.08	108.0	4.34	114.8	4.63	129.2	5.22	142.7	5.87
	80	72.9	3.11	86.8	3.73	101.3	4.37	108.0	4.72	114.8	5.07	129.2	5.84	142.7	6.66
	85	72.9	3.31	86.8	3.93	101.3	4.63	108.0	5.02	114.8	5.40	129.2	6.22	142.7	7.10
	90	72.9	3.70	86.8	4.40	101.3	5.22	108.0	5.63	114.8	6.07	129.2	7.01	142.7	8.04
	95	72.9	3.90	86.8	4.66	101.3	5.51	108.0	5.98	114.8	6.45	129.2	7.45	142.7	8.54
	100	72.9	4.11	86.8	4.93	101.3	5.84	108.0	6.34	114.8	6.83	129.2	7.92	142.7	9.06
	105	72.9	4.49	86.8	5.44	101.3	6.46	108.0	6.99	114.8	7.56	129.2	8.78	142.7	10.08
	110	72.9	4.96	86.8	6.01	101.3	7.16	108.0	7.77	114.8	8.42	129.2	9.80	142.7	11.26
	115	72.9	5.31	86.8	6.45	101.3	7.69	108.0	8.36	114.8	9.06	129.2	10.56	142.7	12.14
	118	72.9	5.74	86.8	7.00	101.3	8.35	108.0	9.09	114.8	9.87	129.2	11.07	142.7	12.48
	122	72.9	6.33	86.8	7.74	101.3	9.24	108.0	10.09	114.8	9.69	121.4	8.39	120.7	9.48

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 heat recovery system synchronous operating range.

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).

COOLING CAPACITY DATA



ARUM241CTE5

240,000 Btu/h 575V Outdoor 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	212.0	5.38	251.8	6.53	292.7	7.75	303.4	8.36	307.7	9.02	318.4	10.34	326.0	10.68
	-5	212.0	5.68	251.8	6.89	292.7	8.18	303.4	8.82	307.7	9.52	318.4	10.91	326.0	11.27
	0	212.0	5.91	251.8	7.17	292.7	8.51	303.4	9.18	307.7	9.90	318.4	11.35	326.0	11.73
	5	212.0	6.12	251.8	7.43	292.7	8.82	303.4	9.51	307.7	10.26	318.4	11.76	326.0	12.15
	10	212.0	6.30	251.8	7.64	292.7	9.07	303.4	9.79	307.7	10.56	318.4	12.10	326.0	12.50
	14	212.0	6.53	251.8	7.92	292.7	9.40	303.4	10.14	307.7	10.94	318.4	12.54	326.0	12.96
	20	212.0	6.64	251.8	8.04	292.7	9.54	303.4	10.30	307.7	11.09	318.4	12.71	326.0	13.14
	25	212.0	6.73	251.8	8.15	292.7	9.65	303.4	10.43	307.7	11.22	318.4	12.86	326.0	13.30
	30	212.0	6.82	251.8	8.25	292.7	9.76	303.4	10.55	307.7	11.35	318.4	13.00	326.0	13.46
	35	212.0	6.90	251.8	8.36	292.7	9.88	303.4	10.67	307.7	11.48	318.4	13.16	326.0	13.62
	40	212.0	6.99	251.8	8.45	292.7	10.00	303.4	10.81	307.7	11.62	318.4	13.32	326.0	13.78
	45	212.0	7.06	251.8	8.54	292.7	10.11	303.4	10.92	307.7	11.73	318.4	13.46	326.0	13.92
	50	212.0	7.13	251.8	8.63	292.7	10.20	303.4	11.03	307.7	11.86	318.4	13.59	326.0	14.06
	55	212.0	7.25	251.8	8.78	292.7	10.40	299.1	11.26	303.4	12.09	314.1	13.82	321.7	14.16
	60	212.0	7.48	251.8	9.10	288.4	10.83	292.5	11.70	295.9	12.56	306.5	14.26	314.1	14.32
	65	212.0	7.64	251.8	9.30	284.1	11.03	288.4	11.93	291.6	12.80	302.1	14.73	309.7	14.85
	70	212.0	7.35	251.8	8.93	278.7	10.99	281.9	12.09	286.2	13.27	296.7	14.74	304.3	14.89
	75	212.0	7.54	251.8	9.52	274.4	11.76	277.6	12.98	281.9	14.23	292.3	15.44	299.9	15.55
	80	212.0	8.57	251.8	10.84	266.8	13.45	270.1	14.85	274.4	16.32	284.7	16.76	292.3	16.91
	85	212.0	9.12	251.8	11.58	262.5	14.37	266.8	15.84	270.1	17.31	280.4	17.46	288.0	17.61
	90	212.0	10.33	247.5	13.16	255.0	16.32	258.2	18.05	262.5	18.67	272.8	18.82	280.4	19.01
	95	214.2	10.95	245.8	14.01	253.4	17.42	257.7	19.26	261.0	19.34	271.3	19.52	279.0	19.70
	100	214.2	11.86	241.4	15.15	249.0	18.89	253.4	20.27	256.6	20.39	268.0	20.57	275.7	20.76
	105	214.2	13.37	235.0	17.14	242.5	21.30	246.2	21.80	250.0	21.91	258.6	22.11	262.4	22.33
	110	214.2	15.01	225.2	19.32	234.6	23.24	235.3	23.35	238.8	23.43	243.8	23.66	244.8	23.89
	115	213.1	17.37	217.0	22.22	217.0	24.50	217.0	24.50	217.0	24.50	220.2	24.54	221.2	24.59
	118	185.3	14.72	188.7	18.82	189.0	20.60	189.0	20.79	189.0	20.79	191.7	20.82	190.9	20.86
	122	148.1	11.16	151.3	14.31	150.6	15.68	151.0	15.72	151.4	15.74	153.9	15.79	153.7	15.85
120%	-9.9	192.9	5.07	230.2	6.15	267.5	7.28	286.7	7.85	299.5	8.46	313.1	9.70	319.6	10.03
	-5	192.9	5.35	230.2	6.48	267.5	7.68	286.7	8.28	299.5	8.93	313.1	10.24	319.6	10.58
	0	192.9	5.56	230.2	6.75	267.5	7.99	286.7	8.61	299.5	9.29	313.1	10.65	319.6	11.00
	5	192.9	5.77	230.2	6.99	267.5	8.28	286.7	8.93	299.5	9.63	313.1	11.04	319.6	11.41
	10	192.9	5.93	230.2	7.19	267.5	8.52	286.7	9.18	299.5	9.90	313.1	11.35	319.6	11.73
	14	192.9	6.15	230.2	7.45	267.5	8.83	286.7	9.52	299.5	10.26	313.1	11.77	319.6	12.16
	20	192.9	6.24	230.2	7.56	267.5	8.95	286.7	9.66	299.5	10.41	313.1	11.93	319.6	12.34
	25	192.9	6.32	230.2	7.66	267.5	9.06	286.7	9.79	299.5	10.53	313.1	12.07	319.6	12.48
	30	192.9	6.40	230.2	7.75	267.5	9.16	286.7	9.91	299.5	10.65	313.1	12.21	319.6	12.63
	35	192.9	6.49	230.2	7.84	267.5	9.27	286.7	10.04	299.5	10.78	313.1	12.36	319.6	12.79
	40	192.9	6.57	230.2	7.94	267.5	9.40	286.7	10.16	299.5	10.92	313.1	12.51	319.6	12.95
	45	192.9	6.64	230.2	8.03	267.5	9.50	286.7	10.28	299.5	11.04	313.1	12.65	319.6	13.10
	50	192.9	6.71	230.2	8.12	267.5	9.61	286.7	10.39	299.5	11.16	313.1	12.80	319.6	13.24
	55	192.9	6.82	230.2	8.27	267.5	9.79	286.7	10.61	296.3	11.39	308.7	13.02	316.3	13.34
	60	192.9	7.05	230.2	8.57	267.5	10.20	284.5	11.02	287.7	11.83	301.1	13.43	307.6	13.66
	65	192.9	7.20	230.2	8.75	267.5	10.39	280.3	11.24	284.5	12.05	296.8	13.87	304.4	13.98
	70	192.9	7.06	230.2	8.58	267.5	10.55	275.0	11.61	278.1	12.74	291.3	14.15	297.8	14.29
	75	192.9	7.23	230.2	9.14	267.5	11.29	270.7	12.46	275.0	13.66	287.0	14.82	294.6	14.93
	80	192.9	8.22	230.2	10.41	260.0	12.92	263.2	14.26	266.4	15.67	279.4	16.09	285.9	16.23
	85	192.9	8.75	230.2	11.12	255.8	13.80	259.0	15.21	263.2	16.62	275.0	16.76	282.6	16.90
	90	192.9	9.92	230.2	12.63	248.3	15.67	251.5	17.33	254.7	17.93	267.4	18.07	273.9	18.25
	95	194.9	10.52	232.6	13.45	246.6	16.73	249.8	18.49	254.2	18.56	265.8	18.74	273.5	18.92
	100	194.9	11.38	232.6	14.54	242.3	18.13	246.6	19.46	249.8	19.57	262.5	19.75	269.1	19.93
	105	194.9	12.83	228.9	16.46	235.9	20.46	239.7	20.93	242.8	21.04	254.9	21.22	259.1	21.42
	110	194.9	14.41	223.1	18.54	230.3	22.31	231.0	22.42	234.4	22.49	241.7	22.71	242.7	22.93
	115	189.5	16.67	214.9	21.33	214.9	23.52	214.9	23.52	214.9	23.52	220.2	23.56	221.2	23.60
	118	169.2	14.72	186.9	18.07	187.1	19.78	187.1	19.96	187.1	19.96	191.7	19.99	190.9	20.03
	122	135.2	11.16	149.9	13.74	149.1	15.06	149.5	15.09	149.9	15.11	153.9	15.15	153.7	15.22

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 heat recovery system synchronous operating range.
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).

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	178.8	4.67	213.2	5.63	247.7	6.67	264.9	7.23	282.2	7.75	310.9	8.84	317.5	9.17
	-5	178.8	4.92	213.2	5.94	247.7	7.04	264.9	7.63	282.2	8.18	310.9	9.33	317.5	9.68
	0	178.8	5.12	213.2	6.18	247.7	7.32	264.9	7.94	282.2	8.51	310.9	9.71	317.5	10.07
	5	178.8	5.31	213.2	6.41	247.7	7.59	264.9	8.23	282.2	8.82	310.9	10.06	317.5	10.44
	10	178.8	5.46	213.2	6.59	247.7	7.81	264.9	8.47	282.2	9.07	310.9	10.35	317.5	10.74
	14	178.8	5.66	213.2	6.83	247.7	8.09	264.9	8.77	282.2	9.40	310.9	10.73	317.5	11.13
	20	178.8	5.74	213.2	6.94	247.7	8.21	264.9	8.90	282.2	9.54	310.9	10.91	317.5	11.30
	25	178.8	5.81	213.2	7.03	247.7	8.32	264.9	9.00	282.2	9.66	310.9	11.06	317.5	11.44
	30	178.8	5.88	213.2	7.12	247.7	8.42	264.9	9.10	282.2	9.78	310.9	11.21	317.5	11.59
	35	178.8	5.97	213.2	7.22	247.7	8.53	264.9	9.23	282.2	9.93	310.9	11.38	317.5	11.78
	40	178.8	6.05	213.2	7.32	247.7	8.66	264.9	9.36	282.2	10.06	310.9	11.53	317.5	11.92
	45	178.8	6.15	213.2	7.43	247.7	8.80	264.9	9.51	282.2	10.23	310.9	11.73	317.5	12.12
	50	178.8	6.25	213.2	7.56	247.7	8.95	264.9	9.67	282.2	10.40	310.9	11.92	317.5	12.31
	55	178.8	6.35	213.2	7.70	247.7	9.12	264.9	9.88	282.2	10.60	306.5	12.12	313.1	12.43
	60	178.8	6.56	213.2	7.98	247.7	9.50	264.9	10.26	282.2	11.02	298.8	12.50	305.4	12.61
	65	178.8	6.70	213.2	8.15	247.7	9.67	264.9	10.46	282.2	11.22	294.4	12.92	301.0	13.02
	70	178.8	6.77	213.2	8.22	247.7	10.12	264.9	11.13	276.8	12.22	288.9	13.57	295.5	13.70
	75	178.8	6.94	213.2	8.76	247.7	10.83	264.9	11.95	272.5	13.10	284.5	14.21	291.1	14.31
	80	176.9	7.88	211.1	9.98	245.2	12.39	259.0	13.67	262.2	15.02	274.0	15.43	280.5	15.57
	85	176.9	8.39	211.1	10.66	245.2	13.23	254.8	14.58	258.0	15.94	269.6	16.07	276.2	16.21
	90	176.9	9.51	211.1	12.11	244.1	15.02	247.3	16.61	250.5	17.19	262.0	17.33	268.6	17.49
	95	176.9	10.08	211.1	12.89	239.8	16.04	243.0	17.73	246.2	17.80	257.7	17.97	264.2	18.14
	100	176.9	10.92	211.1	13.94	236.6	17.39	239.8	18.66	243.0	18.76	254.4	18.94	260.9	19.11
	105	176.9	12.30	211.1	15.77	229.3	19.62	232.4	20.08	235.6	20.17	246.9	20.35	253.2	20.55
	110	176.9	13.82	211.1	17.78	222.2	21.39	222.8	21.50	226.1	21.57	233.2	21.78	234.1	21.99
	115	176.9	15.99	211.1	20.45	212.7	22.55	212.7	22.55	213.7	22.55	217.9	22.59	218.9	22.63
	118	171.0	14.57	183.5	17.33	185.2	18.96	185.2	19.13	186.0	19.13	189.8	19.17	189.0	19.20
	122	136.6	11.05	147.2	13.17	147.6	14.44	148.0	14.47	149.0	14.49	152.4	14.53	152.1	14.59
100%	-9.9	157.1	4.11	187.3	4.96	217.5	5.87	233.1	6.40	256.2	6.92	287.3	7.99	303.3	8.32
	-5	157.1	4.33	187.3	5.23	217.5	6.20	233.1	6.75	256.2	7.31	287.3	8.43	303.3	8.78
	0	157.1	4.51	187.3	5.44	217.5	6.45	233.1	7.02	256.2	7.60	287.3	8.77	303.3	9.13
	5	157.1	4.67	187.3	5.64	217.5	6.68	233.1	7.28	256.2	7.88	287.3	9.09	303.3	9.46
	10	157.1	4.81	187.3	5.80	217.5	6.87	233.1	7.49	256.2	8.10	287.3	9.35	303.3	9.74
	14	157.1	4.98	187.3	6.01	217.5	7.12	233.1	7.76	256.2	8.40	287.3	9.69	303.3	10.09
	20	157.1	5.14	187.3	6.20	217.5	7.35	233.1	7.98	256.2	8.66	287.3	9.97	303.3	10.38
	25	157.1	5.27	187.3	6.37	217.5	7.53	233.1	8.16	256.2	8.89	287.3	10.21	303.3	10.62
	30	157.1	5.40	187.3	6.53	217.5	7.72	233.1	8.35	256.2	9.11	287.3	10.44	303.3	10.86
	35	157.1	5.48	187.3	6.64	217.5	7.85	233.1	8.48	256.2	9.26	287.3	10.62	303.3	11.04
	40	157.1	5.57	187.3	6.74	217.5	7.97	233.1	8.62	256.2	9.40	287.3	10.78	303.3	11.21
	45	157.1	5.70	187.3	6.89	217.5	8.13	233.1	8.80	256.2	9.59	287.3	11.00	303.3	11.44
	50	157.1	5.80	187.3	7.02	217.5	8.30	233.1	8.98	256.2	9.80	287.3	11.23	303.3	11.67
	55	157.1	5.90	187.3	7.15	217.5	8.46	233.1	9.17	256.2	9.99	287.3	11.42	300.1	11.84
	60	157.1	6.09	187.3	7.41	217.5	8.82	233.1	9.52	256.2	10.38	286.2	11.78	291.5	12.06
	65	157.1	6.22	187.3	7.57	217.5	8.98	233.1	9.71	256.2	10.58	281.9	12.17	288.3	12.41
	70	157.1	6.41	187.3	7.79	217.5	9.59	233.1	10.55	256.2	11.75	276.5	13.05	281.9	13.28
	75	157.1	6.57	187.3	8.30	217.5	10.26	233.1	11.32	256.2	12.59	272.2	13.67	278.7	13.83
	80	157.1	7.47	187.3	9.46	217.5	11.73	233.1	12.95	256.2	14.45	264.7	14.84	270.1	15.04
	85	157.1	7.95	187.3	10.10	217.5	12.54	233.1	13.82	255.1	15.33	260.5	15.46	266.9	15.66
	90	157.1	9.01	187.3	11.48	217.5	14.24	233.1	15.74	246.5	16.53	253.0	16.66	258.3	16.91
	95	157.1	9.55	187.3	12.22	217.5	15.20	233.1	16.80	243.3	17.12	248.7	17.28	255.1	17.53
	100	157.1	10.32	187.3	13.18	217.5	16.44	228.9	17.64	239.2	18.00	245.4	18.17	250.9	18.42
	105	157.1	11.59	187.3	14.85	216.3	18.48	222.6	18.90	231.9	19.29	238.0	19.45	243.8	19.72
	110	157.1	12.96	187.3	16.67	213.8	20.06	218.6	20.16	223.1	20.53	226.6	20.73	230.7	21.03
	115	157.1	14.89	187.3	19.04	203.5	21.00	209.8	21.00	215.0	21.32	217.0	21.35	218.0	21.50
	118	157.1	15.02	164.3	17.86	177.2	17.66	182.7	17.82	187.2	18.09	189.0	18.12	188.2	18.24
	122	134.4	13.59	131.8	13.58	141.2	13.44	145.9	13.48	150.0	13.69	151.7	13.73	151.5	13.86

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 heat recovery system synchronous operating range.
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).

COOLING CAPACITY DATA



ARUM241CTE5

240,000 Btu/h 575V Outdoor 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	141.5	3.66	168.6	4.39	196.7	5.18	210.2	5.58	223.7	5.96	250.8	6.86	277.8	7.53
	-5	141.5	3.87	168.6	4.63	196.7	5.47	210.2	5.88	223.7	6.29	250.8	7.24	277.8	7.95
	0	141.5	4.02	168.6	4.82	196.7	5.69	210.2	6.12	223.7	6.54	250.8	7.53	277.8	8.27
	5	141.5	4.17	168.6	4.99	196.7	5.90	210.2	6.34	223.7	6.78	250.8	7.81	277.8	8.57
	10	141.5	4.29	168.6	5.14	196.7	6.07	210.2	6.53	223.7	6.97	250.8	8.03	277.8	8.82
	14	141.5	4.44	168.6	5.32	196.7	6.29	210.2	6.76	223.7	7.23	250.8	8.32	277.8	9.14
	20	141.5	4.60	168.6	5.53	196.7	6.52	210.2	7.02	223.7	7.53	250.8	8.62	277.8	9.49
	25	141.5	4.74	168.6	5.70	196.7	6.72	210.2	7.24	223.7	7.78	250.8	8.87	277.8	9.78
	30	141.5	4.87	168.6	5.86	196.7	6.92	210.2	7.46	223.7	8.03	250.8	9.12	277.8	10.07
	35	141.5	5.02	168.6	6.05	196.7	7.12	210.2	7.68	223.7	8.27	250.8	9.39	277.8	10.38
	40	141.5	5.17	168.6	6.22	196.7	7.34	210.2	7.91	223.7	8.52	250.8	9.68	277.8	10.68
	45	141.5	5.29	168.6	6.37	196.7	7.51	210.2	8.10	223.7	8.72	250.8	9.90	277.8	10.94
	50	141.5	5.41	168.6	6.51	196.7	7.68	210.2	8.28	223.7	8.91	250.8	10.12	277.8	11.17
	55	141.5	5.47	168.6	6.61	196.7	7.81	210.2	8.44	223.7	9.08	250.8	10.32	277.8	11.28
	60	141.5	5.67	168.6	6.88	196.7	8.11	210.2	8.78	223.7	9.45	250.8	10.72	275.5	11.41
	65	141.5	5.77	168.6	7.01	196.7	8.28	210.2	8.94	223.7	9.61	250.8	10.92	273.7	11.98
	70	141.5	5.94	168.6	7.21	196.7	8.58	210.2	9.45	223.7	10.31	250.8	12.18	268.5	12.87
	75	141.5	6.04	168.6	7.54	196.7	9.18	210.2	10.11	223.7	11.08	250.8	12.71	264.3	13.44
	80	141.5	6.78	168.6	8.54	196.7	10.48	210.2	11.55	223.7	12.65	250.8	14.04	257.0	14.62
	85	141.5	7.21	168.6	9.11	196.7	11.21	210.2	12.32	223.7	13.52	247.7	14.79	252.9	15.22
	90	141.5	8.14	168.6	10.31	196.7	12.72	210.2	14.02	223.7	15.39	240.4	16.19	245.6	16.43
	95	141.5	8.68	168.6	10.95	196.7	13.55	210.2	14.95	223.7	16.42	236.2	16.80	241.4	17.03
	100	141.5	8.96	168.6	11.41	196.7	14.12	210.2	15.54	223.7	16.78	233.1	17.52	237.3	17.72
	105	141.5	10.38	168.6	13.24	196.7	15.96	210.2	17.02	221.2	17.99	225.9	18.78	228.9	19.02
	110	141.5	11.93	168.6	15.27	196.7	17.51	210.2	18.38	212.3	19.51	215.1	20.17	216.8	20.40
	115	141.5	12.91	168.6	16.55	184.2	18.44	199.3	19.23	202.1	20.13	204.0	20.57	204.9	20.84
	118	141.5	13.72	164.3	17.86	160.4	15.50	173.5	16.31	176.0	17.08	177.6	17.46	176.9	17.68
	122	134.5	13.59	131.8	13.58	127.8	11.80	138.7	12.34	141.0	12.93	142.6	13.23	142.4	13.43
80%	-9.9	125.9	3.17	149.9	3.82	174.8	4.44	186.3	4.82	198.8	5.20	222.7	5.94	246.6	6.61
	-5	125.9	3.35	149.9	4.03	174.8	4.68	186.3	5.09	198.8	5.49	222.7	6.26	246.6	6.98
	0	125.9	3.48	149.9	4.20	174.8	4.87	186.3	5.29	198.8	5.71	222.7	6.51	246.6	7.26
	5	125.9	3.61	149.9	4.35	174.8	5.05	186.3	5.48	198.8	5.91	222.7	6.75	246.6	7.52
	10	125.9	3.71	149.9	4.47	174.8	5.19	186.3	5.64	198.8	6.08	222.7	6.95	246.6	7.74
	14	125.9	3.85	149.9	4.64	174.8	5.38	186.3	5.85	198.8	6.30	222.7	7.20	246.6	8.02
	20	125.9	3.99	149.9	4.80	174.8	5.60	186.3	6.07	198.8	6.52	222.7	7.46	246.6	8.33
	25	125.9	4.12	149.9	4.94	174.8	5.78	186.3	6.25	198.8	6.70	222.7	7.68	246.6	8.58
	30	125.9	4.24	149.9	5.08	174.8	5.96	186.3	6.43	198.8	6.88	222.7	7.90	246.6	8.84
	35	125.9	4.35	149.9	5.22	174.8	6.13	186.3	6.60	198.8	7.07	222.7	8.11	246.6	9.09
	40	125.9	4.47	149.9	5.36	174.8	6.29	186.3	6.79	198.8	7.27	222.7	8.33	246.6	9.33
	45	125.9	4.54	149.9	5.43	174.8	6.38	186.3	6.89	198.8	7.36	222.7	8.45	246.6	9.46
	50	125.9	4.60	149.9	5.51	174.8	6.46	186.3	6.98	198.8	7.47	222.7	8.56	246.6	9.59
	55	125.9	4.67	149.9	5.60	174.8	6.58	186.3	7.09	198.8	7.61	222.7	8.73	246.6	9.75
	60	125.9	4.83	149.9	5.79	174.8	6.81	186.3	7.35	198.8	7.91	222.7	9.03	246.6	10.15
	65	125.9	4.90	149.9	5.90	174.8	6.95	186.3	7.49	198.8	8.07	222.7	9.19	246.6	10.38
	70	125.9	5.04	149.9	6.07	174.8	7.16	186.3	7.72	198.8	8.40	222.7	9.92	246.6	11.48
	75	125.9	5.13	149.9	6.18	174.8	7.51	186.3	8.24	198.8	8.96	222.7	10.55	246.6	12.11
	80	125.9	5.62	149.9	7.02	174.8	8.56	186.3	9.36	198.8	10.22	222.7	12.13	246.6	13.52
	85	125.9	6.00	149.9	7.47	174.8	9.12	186.3	9.99	198.8	10.94	222.7	12.93	246.6	13.87
	90	125.9	6.74	149.9	8.47	174.8	10.31	186.3	11.34	198.8	12.44	222.7	14.21	242.6	14.70
	95	125.9	7.16	149.9	8.96	174.8	11.01	186.3	12.04	198.8	13.23	222.7	14.70	237.4	15.10
	100	125.9	7.72	149.9	9.66	174.8	11.88	186.3	12.90	198.8	13.76	222.7	15.31	232.1	15.59
	105	125.9	8.80	149.9	11.05	174.8	13.22	186.3	13.84	198.8	14.75	220.0	15.91	225.4	16.36
	110	125.9	9.99	149.9	12.60	174.8	14.03	186.3	14.78	198.8	15.89	212.3	16.50	213.3	17.21
	115	125.9	10.69	149.9	13.46	174.8	14.49	186.3	15.54	186.3	16.26	187.4	16.87	187.4	17.89
	118	125.9	11.34	149.9	14.31	160.4	15.50	163.6	14.75	162.2	13.80	163.2	14.31	161.8	15.18
	122	125.9	12.27	132.2	13.50	127.8	11.80	130.7	11.15	129.9	10.45	131.0	10.85	130.2	11.53

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 heat recovery system synchronous operating range.
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).

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	110.3	2.80	131.1	3.33	153.0	3.92	163.4	4.19	173.8	4.47	194.6	5.12	216.5	5.73
	-5	110.3	2.96	131.1	3.51	153.0	4.13	163.4	4.42	173.8	4.71	194.6	5.40	216.5	6.04
	0	110.3	3.07	131.1	3.65	153.0	4.30	163.4	4.60	173.8	4.90	194.6	5.62	216.5	6.29
	5	110.3	3.19	131.1	3.79	153.0	4.46	163.4	4.77	173.8	5.08	194.6	5.82	216.5	6.52
	10	110.3	3.28	131.1	3.90	153.0	4.59	163.4	4.91	173.8	5.23	194.6	5.99	216.5	6.70
	14	110.3	3.40	131.1	4.04	153.0	4.75	163.4	5.09	173.8	5.42	194.6	6.21	216.5	6.95
	20	110.3	3.51	131.1	4.17	153.0	4.90	163.4	5.25	173.8	5.61	194.6	6.40	216.5	7.18
	25	110.3	3.61	131.1	4.28	153.0	5.02	163.4	5.39	173.8	5.76	194.6	6.57	216.5	7.38
	30	110.3	3.71	131.1	4.40	153.0	5.15	163.4	5.53	173.8	5.92	194.6	6.73	216.5	7.57
	35	110.3	3.81	131.1	4.52	153.0	5.29	163.4	5.68	173.8	6.08	194.6	6.90	216.5	7.78
	40	110.3	3.91	131.1	4.63	153.0	5.42	163.4	5.83	173.8	6.23	194.6	7.09	216.5	7.97
	45	110.3	3.96	131.1	4.70	153.0	5.51	163.4	5.93	173.8	6.33	194.6	7.21	216.5	8.10
	50	110.3	4.04	131.1	4.78	153.0	5.60	163.4	6.02	173.8	6.44	194.6	7.33	216.5	8.24
	55	110.3	4.11	131.1	4.88	153.0	5.69	163.4	6.11	173.8	6.56	194.6	7.47	216.5	8.40
	60	110.3	4.22	131.1	5.04	153.0	5.90	163.4	6.35	173.8	6.79	194.6	7.75	216.5	8.73
	65	110.3	4.29	131.1	5.13	153.0	6.00	163.4	6.46	173.8	6.93	194.6	7.89	216.5	8.87
	70	110.3	4.41	131.1	5.27	153.0	6.18	163.4	6.65	173.8	7.14	194.6	8.17	216.5	9.43
	75	110.3	4.48	131.1	5.37	153.0	6.30	163.4	6.88	173.8	7.47	194.6	8.73	216.5	9.98
	80	110.3	4.83	131.1	5.93	153.0	7.16	163.4	7.82	173.8	8.47	194.6	9.65	216.5	11.07
	85	110.3	5.13	131.1	6.30	153.0	7.63	163.4	8.33	173.8	9.12	194.6	10.28	216.5	11.54
	90	110.3	5.76	131.1	7.12	153.0	8.63	163.4	9.43	173.8	10.31	194.6	11.46	216.5	12.53
	95	110.3	6.09	131.1	7.56	153.0	9.19	163.4	10.06	173.8	10.94	194.6	12.05	216.5	12.90
	100	110.3	6.58	131.1	8.17	153.0	9.92	163.4	10.85	173.8	11.27	194.6	12.62	216.5	13.27
	105	110.3	7.46	131.1	9.31	153.0	10.94	163.4	11.58	173.8	12.25	194.6	13.29	216.5	14.04
	110	110.3	8.40	131.1	10.55	153.0	11.57	163.4	12.27	173.8	13.28	194.6	13.84	210.2	15.10
	115	110.3	9.03	131.1	11.25	153.0	11.97	163.4	12.97	173.8	13.66	194.6	14.26	198.1	16.08
	118	110.3	9.59	131.1	11.95	153.0	12.72	163.4	13.75	158.1	13.66	163.2	12.10	161.8	13.64
	122	110.3	10.34	131.1	12.94	136.5	12.14	130.5	11.30	126.7	10.35	131.0	9.17	130.2	10.36
60%	-9.9	94.7	2.43	112.4	2.82	131.1	3.31	139.4	3.54	148.8	3.81	167.5	4.31	185.2	4.82
	-5	94.7	2.56	112.4	2.97	131.1	3.49	139.4	3.73	148.8	4.02	167.5	4.55	185.2	5.08
	0	94.7	2.67	112.4	3.09	131.1	3.63	139.4	3.88	148.8	4.18	167.5	4.73	185.2	5.29
	5	94.7	2.76	112.4	3.21	131.1	3.76	139.4	4.02	148.8	4.33	167.5	4.90	185.2	5.48
	10	94.7	2.84	112.4	3.30	131.1	3.87	139.4	4.14	148.8	4.46	167.5	5.04	185.2	5.64
	14	94.7	2.95	112.4	3.42	131.1	4.01	139.4	4.29	148.8	4.62	167.5	5.23	185.2	5.84
	20	94.7	3.03	112.4	3.54	131.1	4.14	139.4	4.44	148.8	4.77	167.5	5.40	185.2	6.05
	25	94.7	3.11	112.4	3.65	131.1	4.25	139.4	4.56	148.8	4.89	167.5	5.54	185.2	6.22
	30	94.7	3.18	112.4	3.75	131.1	4.36	139.4	4.69	148.8	5.01	167.5	5.69	185.2	6.39
	35	94.7	3.26	112.4	3.85	131.1	4.47	139.4	4.80	148.8	5.14	167.5	5.83	185.2	6.55
	40	94.7	3.35	112.4	3.95	131.1	4.59	139.4	4.93	148.8	5.28	167.5	5.99	185.2	6.72
	45	94.7	3.38	112.4	3.98	131.1	4.62	139.4	4.97	148.8	5.33	167.5	6.03	185.2	6.77
	50	94.7	3.41	112.4	4.01	131.1	4.67	139.4	5.02	148.8	5.37	167.5	6.09	185.2	6.84
	55	94.7	3.45	112.4	4.08	131.1	4.76	139.4	5.11	148.8	5.46	167.5	6.21	185.2	6.95
	60	94.7	3.57	112.4	4.22	131.1	4.92	139.4	5.30	148.8	5.67	167.5	6.42	185.2	7.23
	65	94.7	3.62	112.4	4.29	131.1	5.02	139.4	5.39	148.8	5.76	167.5	6.56	185.2	7.37
	70	94.7	3.71	112.4	4.41	131.1	5.16	139.4	5.53	148.8	5.93	167.5	6.74	185.2	7.65
	75	94.7	3.78	112.4	4.48	131.1	5.25	139.4	5.65	148.8	6.11	167.5	7.14	185.2	8.15
	80	94.7	4.01	112.4	4.90	131.1	5.88	139.4	6.42	148.8	6.95	167.5	8.00	185.2	9.21
	85	94.7	4.27	112.4	5.20	131.1	6.25	139.4	6.84	148.8	7.44	167.5	8.42	185.2	9.51
	90	94.7	4.78	112.4	5.88	131.1	7.07	139.4	7.72	148.8	8.36	167.5	9.41	185.2	10.37
	95	94.7	5.06	112.4	6.23	131.1	7.51	139.4	8.24	148.8	8.85	167.5	9.84	185.2	10.92
	100	94.7	5.44	112.4	6.70	131.1	8.10	139.4	8.87	148.8	9.25	167.5	10.44	185.2	11.39
	105	94.7	6.18	112.4	7.63	131.1	8.94	139.4	9.46	148.8	10.06	167.5	11.09	185.2	12.42
	110	94.7	6.95	112.4	8.66	131.1	9.64	139.4	10.03	148.8	10.87	167.5	11.86	185.2	13.54
	115	94.7	7.44	112.4	9.24	131.1	10.02	139.4	10.62	148.8	11.26	167.5	12.53	185.2	14.47
	118	94.7	7.88	112.4	9.80	131.1	10.64	139.4	11.28	148.8	11.98	163.2	12.10	161.8	13.64
	122	94.7	8.50	112.4	10.60	131.1	11.53	130.2	11.44	126.1	10.60	131.0	9.17	130.2	10.36

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 heat recovery system synchronous operating range.
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).

COOLING CAPACITY DATA



ARUM241CTE5

240,000 Btu/h 575V Outdoor 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
50%		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
	-9.9	78.7	2.09	93.7	2.46	109.3	2.75	116.6	2.96	123.8	3.19	139.4	3.54	154.0	3.92
	-5	78.7	2.20	93.7	2.59	109.3	2.90	116.6	3.13	123.8	3.36	139.4	3.73	154.0	4.14
	0	78.7	2.29	93.7	2.70	109.3	3.02	116.6	3.25	123.8	3.50	139.4	3.88	154.0	4.31
	5	78.7	2.37	93.7	2.79	109.3	3.13	116.6	3.37	123.8	3.63	139.4	4.03	154.0	4.46
	10	78.7	2.44	93.7	2.87	109.3	3.22	116.6	3.47	123.8	3.73	139.4	4.14	154.0	4.59
	14	78.7	2.53	93.7	2.98	109.3	3.33	116.6	3.59	123.8	3.87	139.4	4.29	154.0	4.76
	20	78.7	2.63	93.7	3.07	109.3	3.47	116.6	3.72	123.8	3.99	139.4	4.45	154.0	4.94
	25	78.7	2.70	93.7	3.15	109.3	3.59	116.6	3.83	123.8	4.10	139.4	4.58	154.0	5.09
	30	78.7	2.78	93.7	3.23	109.3	3.70	116.6	3.94	123.8	4.20	139.4	4.71	154.0	5.24
	35	78.7	2.86	93.7	3.31	109.3	3.80	116.6	4.05	123.8	4.32	139.4	4.84	154.0	5.38
	40	78.7	2.93	93.7	3.40	109.3	3.90	116.6	4.14	123.8	4.43	139.4	4.95	154.0	5.52
	45	78.7	2.97	93.7	3.44	109.3	3.95	116.6	4.20	123.8	4.49	139.4	5.02	154.0	5.59
	50	78.7	3.01	93.7	3.49	109.3	4.01	116.6	4.26	123.8	4.55	139.4	5.10	154.0	5.67
	55	78.7	3.08	93.7	3.56	109.3	4.07	116.6	4.33	123.8	4.62	139.4	5.19	154.0	5.77
	60	78.7	3.14	93.7	3.65	109.3	4.20	116.6	4.49	123.8	4.78	139.4	5.35	154.0	6.00
	65	78.7	3.17	93.7	3.72	109.3	4.26	116.6	4.55	123.8	4.84	139.4	5.45	154.0	6.09
	70	78.7	3.27	93.7	3.78	109.3	4.36	116.6	4.68	123.8	4.97	139.4	5.61	154.0	6.28
	75	78.7	3.30	93.7	3.85	109.3	4.46	116.6	4.75	123.8	5.07	139.4	5.71	154.0	6.41
	80	78.7	3.40	93.7	4.07	109.3	4.78	116.6	5.16	123.8	5.55	139.4	6.38	154.0	7.28
	85	78.7	3.62	93.7	4.30	109.3	5.07	116.6	5.48	123.8	5.90	139.4	6.80	154.0	7.76
	90	78.7	4.04	93.7	4.81	109.3	5.71	116.6	6.16	123.8	6.64	139.4	7.66	154.0	8.78
	95	78.7	4.26	93.7	5.10	109.3	6.03	116.6	6.54	123.8	7.05	139.4	8.14	154.0	9.33
	100	78.7	4.49	93.7	5.39	109.3	6.38	116.6	6.93	123.8	7.47	139.4	8.66	154.0	9.91
	105	78.7	4.91	93.7	5.95	109.3	7.06	116.6	7.64	123.8	8.27	139.4	9.59	154.0	11.02
	110	78.7	5.42	93.7	6.57	109.3	7.82	116.6	8.50	123.8	9.20	139.4	10.71	154.0	12.31
	115	78.7	5.80	93.7	7.05	109.3	8.40	116.6	9.14	123.8	9.91	139.4	11.54	154.0	13.27
	118	78.7	6.27	93.7	7.65	109.3	9.13	116.6	9.94	123.8	10.78	139.4	12.10	154.0	13.64
	122	78.7	6.92	93.7	8.46	109.3	10.10	116.6	11.03	123.8	10.60	131.0	9.17	130.2	10.36

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 heat recovery system synchronous operating range.
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).

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	240.1	5.63	285.2	6.82	331.4	8.10	343.7	8.74	348.5	9.43	360.6	10.81	369.3	11.17
	-5	240.1	5.93	285.2	7.20	331.4	8.54	343.7	9.22	348.5	9.95	360.6	11.40	369.3	11.79
	0	240.1	6.17	285.2	7.49	331.4	8.89	343.7	9.59	348.5	10.35	360.6	11.86	369.3	12.26
	5	240.1	6.40	285.2	7.77	331.4	9.22	343.7	9.95	348.5	10.73	360.6	12.29	369.3	12.71
	10	240.1	6.58	285.2	7.98	331.4	9.48	343.7	10.22	348.5	11.04	360.6	12.65	369.3	13.07
	14	240.1	6.82	285.2	8.27	331.4	9.82	343.7	10.60	348.5	11.43	360.6	13.11	369.3	13.54
	20	240.1	6.94	285.2	8.41	331.4	9.97	343.7	10.77	348.5	11.59	360.6	13.29	369.3	13.74
	25	240.1	7.04	285.2	8.52	331.4	10.08	343.7	10.90	348.5	11.73	360.6	13.44	369.3	13.90
	30	240.1	7.13	285.2	8.63	331.4	10.21	343.7	11.03	348.5	11.86	360.6	13.60	369.3	14.07
	35	240.1	7.21	285.2	8.74	331.4	10.32	343.7	11.16	348.5	12.00	360.6	13.75	369.3	14.23
	40	240.1	7.31	285.2	8.83	331.4	10.45	343.7	11.30	348.5	12.15	360.6	13.91	369.3	14.40
	45	240.1	7.38	285.2	8.93	331.4	10.57	343.7	11.41	348.5	12.26	360.6	14.07	369.3	14.55
	50	240.1	7.45	285.2	9.02	331.4	10.67	343.7	11.53	348.5	12.39	360.6	14.20	369.3	14.70
	55	240.1	7.58	285.2	9.18	331.4	10.87	338.8	11.77	343.7	12.64	355.7	14.45	364.3	14.80
	60	240.1	7.82	285.2	9.51	326.6	11.33	331.3	12.23	335.2	13.14	347.1	14.90	355.7	14.96
	65	240.1	7.98	285.2	9.72	321.7	11.53	326.6	12.48	330.3	13.38	342.1	15.39	350.8	15.52
	70	240.1	7.68	285.2	9.33	315.7	11.49	319.3	12.64	324.2	13.87	336.0	15.41	344.6	15.56
	75	240.1	7.88	285.2	9.95	310.8	12.29	314.4	13.57	319.3	14.87	331.1	16.14	339.7	16.25
	80	240.1	8.96	285.2	11.33	302.2	14.06	305.9	15.52	310.8	17.06	322.5	17.52	331.1	17.67
	85	240.1	9.53	285.2	12.10	297.3	15.02	302.2	16.56	305.9	18.09	317.6	18.25	326.2	18.41
	90	240.1	10.80	280.3	13.76	288.8	17.06	292.5	18.87	297.3	19.51	308.9	19.67	317.6	19.87
	95	242.6	11.45	278.3	14.64	287.0	18.21	291.8	20.13	295.6	20.21	307.2	20.40	316.0	20.59
	100	242.6	12.39	273.4	15.84	282.1	19.74	287.0	21.19	290.7	21.31	303.5	21.51	312.2	21.70
	105	242.6	13.97	266.1	17.92	274.7	22.27	278.9	22.79	283.2	22.90	292.9	23.12	297.2	23.33
	110	242.6	15.69	255.0	20.19	265.7	24.29	266.5	24.41	270.5	24.49	276.1	24.73	277.2	24.97
	115	241.4	18.15	245.8	23.22	245.8	25.60	245.8	25.60	245.8	25.60	249.4	25.66	250.5	25.70
	118	209.9	15.38	213.7	19.67	214.0	21.54	214.0	21.72	214.0	21.72	217.1	21.77	216.2	21.81
	122	167.7	11.67	171.4	14.96	170.5	16.40	171.0	16.43	171.4	16.45	174.3	16.50	174.1	16.57
120%	-9.9	218.4	5.30	260.7	6.42	303.0	7.61	324.7	8.20	339.1	8.84	354.5	10.14	361.9	10.48
	-5	218.4	5.59	260.7	6.78	303.0	8.03	324.7	8.66	339.1	9.33	354.5	10.70	361.9	11.06
	0	218.4	5.82	260.7	7.05	303.0	8.34	324.7	9.00	339.1	9.71	354.5	11.13	361.9	11.50
	5	218.4	6.03	260.7	7.31	303.0	8.66	324.7	9.33	339.1	10.06	354.5	11.53	361.9	11.92
	10	218.4	6.20	260.7	7.52	303.0	8.90	324.7	9.60	339.1	10.35	354.5	11.87	361.9	12.26
	14	218.4	6.43	260.7	7.79	303.0	9.22	324.7	9.95	339.1	10.73	354.5	12.29	361.9	12.71
	20	218.4	6.53	260.7	7.91	303.0	9.36	324.7	10.10	339.1	10.88	354.5	12.48	361.9	12.89
	25	218.4	6.61	260.7	8.00	303.0	9.46	324.7	10.22	339.1	11.01	354.5	12.62	361.9	13.05
	30	218.4	6.69	260.7	8.10	303.0	9.58	324.7	10.35	339.1	11.13	354.5	12.76	361.9	13.21
	35	218.4	6.78	260.7	8.20	303.0	9.69	324.7	10.49	339.1	11.27	354.5	12.91	361.9	13.37
	40	218.4	6.86	260.7	8.30	303.0	9.82	324.7	10.61	339.1	11.41	354.5	13.08	361.9	13.54
	45	218.4	6.95	260.7	8.39	303.0	9.93	324.7	10.74	339.1	11.54	354.5	13.22	361.9	13.70
	50	218.4	7.02	260.7	8.49	303.0	10.04	324.7	10.85	339.1	11.67	354.5	13.38	361.9	13.84
	55	218.4	7.14	260.7	8.64	303.0	10.24	324.7	11.09	335.5	11.90	349.6	13.61	358.3	13.94
	60	218.4	7.37	260.7	8.96	303.0	10.67	322.3	11.51	325.9	12.36	341.0	14.03	348.4	14.28
	65	218.4	7.52	260.7	9.15	303.0	10.85	317.4	11.75	322.3	12.60	336.1	14.50	344.7	14.62
	70	218.4	7.38	260.7	8.96	303.0	11.03	311.4	12.13	315.1	13.31	330.0	14.79	337.4	14.93
	75	218.4	7.57	260.7	9.55	303.0	11.80	306.6	13.02	311.4	14.27	325.0	15.49	333.6	15.61
	80	218.4	8.60	260.7	10.88	294.5	13.50	298.1	14.90	301.7	16.38	316.4	16.83	323.7	16.97
	85	218.4	9.15	260.7	11.62	289.6	14.43	293.3	15.90	298.1	17.37	311.5	17.52	320.1	17.67
	90	218.4	10.37	260.7	13.21	281.3	16.38	284.9	18.11	288.5	18.74	302.8	18.88	310.2	19.07
	95	220.8	11.00	263.5	14.06	279.3	17.49	283.0	19.33	287.9	19.40	301.1	19.59	309.7	19.77
	100	220.8	11.90	263.5	15.20	274.4	18.95	279.3	20.34	283.0	20.46	297.3	20.65	304.8	20.83
	105	220.8	13.41	259.3	17.21	267.1	21.39	271.4	21.87	275.0	22.00	288.7	22.18	293.5	22.39
	110	220.8	15.06	252.7	19.38	260.9	23.32	261.6	23.43	265.6	23.51	273.8	23.74	274.8	23.97
	115	214.7	17.43	243.4	22.30	243.4	24.58	243.4	24.58	243.4	24.58	249.4	24.62	250.5	24.67
	118	191.7	15.38	211.7	18.88	212.0	20.67	212.0	20.86	212.0	20.86	217.2	20.89	216.2	20.93
	122	153.2	11.67	169.7	14.36	168.9	15.74	169.4	15.78	169.7	15.79	174.4	15.84	174.1	15.91

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 heat recovery system synchronous operating range.
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).

COOLING CAPACITY DATA



ARUM264CTE5

264,000 Btu/h 575V Outdoor 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
110%	-9.9	202.4	4.88	241.5	5.89	280.5	6.98	300.0	7.57	319.6	8.10	352.0	9.25	359.5	9.59
	-5	202.4	5.14	241.5	6.20	280.5	7.36	300.0	7.98	319.6	8.54	352.0	9.75	359.5	10.12
	0	202.4	5.36	241.5	6.46	280.5	7.65	300.0	8.30	319.6	8.89	352.0	10.15	359.5	10.52
	5	202.4	5.54	241.5	6.69	280.5	7.94	300.0	8.60	319.6	9.22	352.0	10.51	359.5	10.91
	10	202.4	5.71	241.5	6.89	280.5	8.17	300.0	8.85	319.6	9.48	352.0	10.82	359.5	11.23
	14	202.4	5.92	241.5	7.14	280.5	8.46	300.0	9.17	319.6	9.82	352.0	11.21	359.5	11.63
	20	202.4	6.00	241.5	7.25	280.5	8.59	300.0	9.30	319.6	9.98	352.0	11.40	359.5	11.81
	25	202.4	6.07	241.5	7.35	280.5	8.69	300.0	9.40	319.6	10.10	352.0	11.56	359.5	11.96
	30	202.4	6.15	241.5	7.44	280.5	8.80	300.0	9.51	319.6	10.22	352.0	11.72	359.5	12.11
	35	202.4	6.24	241.5	7.54	280.5	8.92	300.0	9.65	319.6	10.38	352.0	11.89	359.5	12.31
	40	202.4	6.33	241.5	7.65	280.5	9.05	300.0	9.78	319.6	10.52	352.0	12.06	359.5	12.46
	45	202.4	6.43	241.5	7.77	280.5	9.19	300.0	9.95	319.6	10.70	352.0	12.26	359.5	12.68
	50	202.4	6.53	241.5	7.91	280.5	9.35	300.0	10.11	319.6	10.87	352.0	12.45	359.5	12.87
	55	202.4	6.65	241.5	8.05	280.5	9.53	300.0	10.32	319.6	11.08	347.1	12.67	354.5	12.99
	60	202.4	6.86	241.5	8.34	280.5	9.92	300.0	10.72	319.6	11.52	338.4	13.07	345.9	13.18
	65	202.4	7.01	241.5	8.52	280.5	10.11	300.0	10.94	319.6	11.73	333.4	13.50	340.9	13.61
	70	202.4	7.08	241.5	8.60	280.5	10.58	300.0	11.63	313.5	12.77	327.2	14.19	334.7	14.33
	75	202.4	7.25	241.5	9.16	280.5	11.32	300.0	12.49	308.6	13.68	322.2	14.86	329.7	14.96
	80	200.4	8.24	239.0	10.44	277.7	12.95	293.4	14.29	297.0	15.71	310.3	16.13	317.7	16.27
	85	200.4	8.77	239.0	11.14	277.7	13.83	288.5	15.25	292.1	16.66	305.3	16.80	312.7	16.94
	90	200.4	9.94	239.0	12.66	276.4	15.71	280.0	17.37	283.7	17.96	296.7	18.11	304.2	18.29
	95	200.4	10.54	239.0	13.48	271.7	16.77	275.3	18.54	278.9	18.61	291.8	18.78	299.2	18.95
	100	200.4	11.41	239.0	14.57	268.0	18.18	271.7	19.51	275.3	19.61	288.2	19.80	295.6	19.97
	105	200.4	12.86	239.0	16.48	259.6	20.50	263.2	20.99	266.8	21.09	279.7	21.28	286.8	21.48
	110	200.4	14.44	239.0	18.58	251.6	22.36	252.4	22.47	256.1	22.54	264.0	22.76	265.1	22.99
	115	200.4	16.71	239.0	21.38	240.9	23.57	240.9	23.57	242.0	23.57	246.9	23.62	248.0	23.66
	118	193.6	15.22	207.9	18.11	209.8	19.82	209.8	20.00	210.7	20.00	215.0	20.03	214.0	20.07
	122	154.8	11.55	166.7	13.77	167.2	15.09	167.6	15.12	168.8	15.15	172.6	15.19	172.2	15.25
100%	-9.9	178.0	4.29	212.1	5.18	246.4	6.13	264.0	6.69	290.1	7.24	325.3	8.35	343.5	8.70
	-5	178.0	4.52	212.1	5.47	246.4	6.48	264.0	7.05	290.1	7.64	325.3	8.81	343.5	9.17
	0	178.0	4.71	212.1	5.69	246.4	6.73	264.0	7.34	290.1	7.94	325.3	9.16	343.5	9.55
	5	178.0	4.88	212.1	5.89	246.4	6.98	264.0	7.61	290.1	8.23	325.3	9.50	343.5	9.89
	10	178.0	5.02	212.1	6.06	246.4	7.18	264.0	7.83	290.1	8.47	325.3	9.78	343.5	10.18
	14	178.0	5.21	212.1	6.28	246.4	7.44	264.0	8.11	290.1	8.77	325.3	10.12	343.5	10.55
	20	178.0	5.37	212.1	6.49	246.4	7.68	264.0	8.34	290.1	9.06	325.3	10.42	343.5	10.84
	25	178.0	5.50	212.1	6.66	246.4	7.88	264.0	8.53	290.1	9.29	325.3	10.67	343.5	11.10
	30	178.0	5.64	212.1	6.82	246.4	8.07	264.0	8.73	290.1	9.52	325.3	10.91	343.5	11.34
	35	178.0	5.73	212.1	6.94	246.4	8.20	264.0	8.87	290.1	9.68	325.3	11.10	343.5	11.54
	40	178.0	5.83	212.1	7.05	246.4	8.33	264.0	9.00	290.1	9.83	325.3	11.27	343.5	11.72
	45	178.0	5.96	212.1	7.20	246.4	8.50	264.0	9.20	290.1	10.02	325.3	11.50	343.5	11.96
	50	178.0	6.06	212.1	7.34	246.4	8.67	264.0	9.39	290.1	10.24	325.3	11.73	343.5	12.20
	55	178.0	6.16	212.1	7.47	246.4	8.85	264.0	9.59	290.1	10.44	325.3	11.94	339.9	12.38
	60	178.0	6.36	212.1	7.74	246.4	9.22	264.0	9.95	290.1	10.85	324.2	12.32	330.2	12.61
	65	178.0	6.50	212.1	7.91	246.4	9.39	264.0	10.15	290.1	11.06	319.3	12.72	326.5	12.98
	70	178.0	6.70	212.1	8.14	246.4	10.02	264.0	11.03	290.1	12.28	313.2	13.64	319.3	13.88
	75	178.0	6.87	212.1	8.67	246.4	10.72	264.0	11.83	290.1	13.17	308.3	14.29	315.7	14.46
	80	178.0	7.81	212.1	9.89	246.4	12.26	264.0	13.54	290.1	15.10	299.8	15.51	305.9	15.72
	85	178.0	8.31	212.1	10.55	246.4	13.11	264.0	14.44	289.0	16.02	295.0	16.15	302.3	16.37
	90	178.0	9.42	212.1	12.00	246.4	14.88	264.0	16.45	279.2	17.27	286.5	17.42	292.6	17.67
	95	178.0	9.99	212.1	12.77	246.4	15.88	264.0	17.56	275.6	17.89	281.6	18.06	289.0	18.32
	100	178.0	10.78	212.1	13.78	246.4	17.17	259.3	18.44	270.9	18.82	278.0	18.99	284.2	19.26
	105	178.0	12.12	212.1	15.52	245.0	19.31	252.1	19.76	262.7	20.16	269.5	20.33	276.1	20.62
	110	178.0	13.54	212.1	17.43	242.2	20.96	247.6	21.08	252.7	21.46	256.6	21.67	261.3	21.98
	115	178.0	15.56	212.1	19.90	230.5	21.95	237.6	21.95	243.6	22.28	245.8	22.31	246.9	22.47
	118	178.0	15.69	186.1	18.67	200.7	18.46	206.8	18.62	212.0	18.91	214.0	18.94	213.1	19.07
	122	152.3	14.21	149.3	14.20	160.0	14.06	165.3	14.09	169.9	14.31	171.9	14.36	171.6	14.49

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 heat recovery system synchronous operating range.
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).

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	160.3	3.83	190.9	4.59	222.8	5.41	238.1	5.83	253.4	6.23	284.1	7.18	314.7	7.87
	-5	160.3	4.04	190.9	4.84	222.8	5.72	238.1	6.15	253.4	6.57	284.1	7.57	314.7	8.31
	0	160.3	4.21	190.9	5.04	222.8	5.95	238.1	6.40	253.4	6.84	284.1	7.87	314.7	8.64
	5	160.3	4.35	190.9	5.22	222.8	6.16	238.1	6.63	253.4	7.09	284.1	8.16	314.7	8.96
	10	160.3	4.48	190.9	5.37	222.8	6.35	238.1	6.82	253.4	7.29	284.1	8.40	314.7	9.22
	14	160.3	4.64	190.9	5.57	222.8	6.57	238.1	7.07	253.4	7.55	284.1	8.70	314.7	9.55
	20	160.3	4.81	190.9	5.77	222.8	6.82	238.1	7.34	253.4	7.87	284.1	9.02	314.7	9.92
	25	160.3	4.95	190.9	5.96	222.8	7.02	238.1	7.57	253.4	8.13	284.1	9.27	314.7	10.22
	30	160.3	5.10	190.9	6.13	222.8	7.22	238.1	7.80	253.4	8.39	284.1	9.53	314.7	10.52
	35	160.3	5.25	190.9	6.32	222.8	7.45	238.1	8.03	253.4	8.64	284.1	9.82	314.7	10.85
	40	160.3	5.40	190.9	6.50	222.8	7.67	238.1	8.27	253.4	8.90	284.1	10.11	314.7	11.17
	45	160.3	5.53	190.9	6.66	222.8	7.85	238.1	8.46	253.4	9.12	284.1	10.34	314.7	11.43
	50	160.3	5.66	190.9	6.80	222.8	8.03	238.1	8.66	253.4	9.32	284.1	10.58	314.7	11.68
	55	160.3	5.72	190.9	6.91	222.8	8.17	238.1	8.83	253.4	9.49	284.1	10.78	314.7	11.79
	60	160.3	5.93	190.9	7.19	222.8	8.47	238.1	9.17	253.4	9.88	284.1	11.20	312.1	11.92
	65	160.3	6.03	190.9	7.32	222.8	8.66	238.1	9.35	253.4	10.05	284.1	11.41	310.0	12.52
	70	160.3	6.20	190.9	7.54	222.8	8.96	238.1	9.88	253.4	10.78	284.1	12.73	304.1	13.45
	75	160.3	6.32	190.9	7.88	222.8	9.59	238.1	10.57	253.4	11.59	284.1	13.28	299.4	14.04
	80	160.3	7.08	190.9	8.93	222.8	10.95	238.1	12.07	253.4	13.22	284.1	14.68	291.2	15.28
	85	160.3	7.54	190.9	9.52	222.8	11.72	238.1	12.88	253.4	14.13	280.5	15.46	286.4	15.91
	90	160.3	8.51	190.9	10.78	222.8	13.29	238.1	14.65	253.4	16.08	272.3	16.91	278.1	17.17
	95	160.3	9.07	190.9	11.44	222.8	14.16	238.1	15.62	253.4	17.16	267.6	17.56	273.4	17.80
	100	160.3	9.36	190.9	11.93	222.8	14.76	238.1	16.25	253.4	17.54	264.0	18.32	268.7	18.52
	105	160.3	10.85	190.9	13.84	222.8	16.68	238.1	17.79	250.5	18.81	255.8	19.63	259.3	19.87
	110	160.3	12.46	190.9	15.95	222.8	18.30	238.1	19.21	240.4	20.39	243.6	21.09	245.6	21.32
	115	160.3	13.50	190.9	17.30	208.7	19.27	225.7	20.10	228.9	21.05	231.0	21.51	232.1	21.78
	118	160.3	14.33	186.1	18.67	181.6	16.21	196.6	17.06	199.3	17.86	201.2	18.25	200.4	18.48
	122	152.3	14.21	149.3	14.20	144.7	12.33	157.0	12.89	159.7	13.52	161.5	13.83	161.2	14.04
80%	-9.9	142.6	3.32	169.7	3.99	198.0	4.64	211.0	5.04	225.2	5.43	252.2	6.20	279.4	6.91
	-5	142.6	3.50	169.7	4.22	198.0	4.90	211.0	5.31	225.2	5.73	252.2	6.55	279.4	7.29
	0	142.6	3.63	169.7	4.38	198.0	5.10	211.0	5.53	225.2	5.96	252.2	6.81	279.4	7.58
	5	142.6	3.77	169.7	4.55	198.0	5.28	211.0	5.73	225.2	6.19	252.2	7.06	279.4	7.87
	10	142.6	3.88	169.7	4.68	198.0	5.43	211.0	5.90	225.2	6.36	252.2	7.26	279.4	8.09
	14	142.6	4.02	169.7	4.84	198.0	5.63	211.0	6.12	225.2	6.59	252.2	7.52	279.4	8.38
	20	142.6	4.18	169.7	5.02	198.0	5.86	211.0	6.34	225.2	6.82	252.2	7.80	279.4	8.70
	25	142.6	4.31	169.7	5.17	198.0	6.04	211.0	6.53	225.2	7.01	252.2	8.03	279.4	8.97
	30	142.6	4.43	169.7	5.31	198.0	6.23	211.0	6.72	225.2	7.19	252.2	8.25	279.4	9.25
	35	142.6	4.55	169.7	5.46	198.0	6.41	211.0	6.90	225.2	7.39	252.2	8.48	279.4	9.50
	40	142.6	4.68	169.7	5.60	198.0	6.58	211.0	7.09	225.2	7.59	252.2	8.71	279.4	9.75
	45	142.6	4.74	169.7	5.67	198.0	6.68	211.0	7.20	225.2	7.69	252.2	8.83	279.4	9.89
	50	142.6	4.81	169.7	5.76	198.0	6.76	211.0	7.29	225.2	7.81	252.2	8.95	279.4	10.02
	55	142.7	4.88	169.7	5.86	198.0	6.88	211.0	7.41	225.2	7.95	252.2	9.12	279.4	10.19
	60	142.7	5.05	169.7	6.05	198.0	7.12	211.0	7.68	225.2	8.27	252.2	9.43	279.4	10.61
	65	142.7	5.12	169.7	6.17	198.0	7.27	211.0	7.83	225.2	8.44	252.2	9.61	279.4	10.85
	70	142.7	5.27	169.7	6.34	198.0	7.48	211.0	8.07	225.2	8.79	252.2	10.37	279.4	12.00
	75	142.7	5.37	169.7	6.46	198.0	7.85	211.0	8.61	225.2	9.36	252.2	11.03	279.4	12.65
	80	142.7	5.87	169.7	7.34	198.0	8.95	211.0	9.78	225.2	10.68	252.2	12.68	279.4	14.14
	85	142.7	6.27	169.7	7.81	198.0	9.53	211.0	10.44	225.2	11.44	252.2	13.51	279.4	14.50
	90	142.7	7.05	169.7	8.86	198.0	10.78	211.0	11.86	225.2	13.00	252.2	14.85	274.8	15.36
	95	142.7	7.48	169.7	9.36	198.0	11.51	211.0	12.58	225.2	13.83	252.2	15.36	268.9	15.78
	100	142.6	8.07	169.7	10.09	198.0	12.42	211.0	13.48	225.2	14.37	252.2	16.00	262.9	16.30
	105	142.6	9.20	169.7	11.56	198.0	13.82	211.0	14.47	225.2	15.42	249.2	16.63	255.3	17.10
	110	142.7	10.44	169.7	13.17	198.0	14.66	211.0	15.45	225.2	16.61	240.4	17.24	241.7	17.99
	115	142.7	11.17	169.7	14.07	198.0	15.15	211.0	16.24	211.0	17.00	212.3	17.63	212.3	18.70
	118	142.7	11.86	169.7	14.96	181.6	16.21	185.3	15.42	183.7	14.43	184.8	14.96	183.2	15.87
	122	142.7	12.82	149.7	14.10	144.7	12.33	148.0	11.66	147.1	10.92	148.4	11.34	147.5	12.06

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 heat recovery system synchronous operating range.
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).

COOLING CAPACITY DATA



ARUM264CTE5

264,000 Btu/h 575V Outdoor 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	124.9	2.93	148.5	3.48	173.3	4.09	185.1	4.38	196.9	4.67	220.4	5.35	245.1	5.99
	-5	124.9	3.09	148.5	3.67	173.3	4.32	185.1	4.62	196.9	4.93	220.4	5.64	245.1	6.32
	0	124.9	3.22	148.5	3.82	173.3	4.49	185.1	4.81	196.9	5.13	220.4	5.87	245.1	6.57
	5	124.9	3.33	148.5	3.96	173.3	4.65	185.1	4.98	196.9	5.31	220.4	6.09	245.1	6.81
	10	124.9	3.43	148.5	4.08	173.3	4.79	185.1	5.13	196.9	5.47	220.4	6.26	245.1	7.01
	14	124.9	3.55	148.5	4.22	173.3	4.97	185.1	5.31	196.9	5.67	220.4	6.49	245.1	7.26
	20	124.9	3.67	148.5	4.36	173.3	5.12	185.1	5.49	196.9	5.86	220.4	6.69	245.1	7.51
	25	124.9	3.78	148.5	4.48	173.3	5.25	185.1	5.64	196.9	6.02	220.4	6.86	245.1	7.71
	30	124.9	3.88	148.5	4.59	173.3	5.38	185.1	5.79	196.9	6.19	220.4	7.04	245.1	7.91
	35	124.9	3.99	148.5	4.72	173.3	5.53	185.1	5.93	196.9	6.36	220.4	7.22	245.1	8.13
	40	124.9	4.08	148.5	4.84	173.3	5.67	185.1	6.09	196.9	6.52	220.4	7.41	245.1	8.33
	45	124.9	4.15	148.5	4.91	173.3	5.76	185.1	6.20	196.9	6.62	220.4	7.54	245.1	8.46
	50	124.9	4.22	148.5	5.00	173.3	5.86	185.1	6.29	196.9	6.73	220.4	7.65	245.1	8.61
	55	124.9	4.29	148.5	5.10	173.3	5.95	185.1	6.39	196.9	6.85	220.4	7.81	245.1	8.79
	60	124.9	4.41	148.5	5.27	173.3	6.17	185.1	6.63	196.9	7.09	220.4	8.10	245.1	9.12
	65	124.9	4.49	148.5	5.37	173.3	6.27	185.1	6.76	196.9	7.24	220.4	8.24	245.1	9.26
	70	124.9	4.61	148.5	5.51	173.3	6.46	185.1	6.95	196.9	7.47	220.4	8.54	245.1	9.85
	75	124.9	4.68	148.5	5.61	173.3	6.59	185.1	7.19	196.9	7.81	220.4	9.12	245.1	10.44
	80	124.9	5.05	148.5	6.19	173.3	7.48	185.1	8.17	196.9	8.86	220.4	10.09	245.1	11.57
	85	124.9	5.37	148.5	6.59	173.3	7.97	185.1	8.70	196.9	9.53	220.4	10.74	245.1	12.06
	90	124.9	6.03	148.5	7.44	173.3	9.02	185.1	9.85	196.9	10.78	220.4	11.98	245.1	13.09
	95	124.9	6.36	148.5	7.90	173.3	9.61	185.1	10.51	196.9	11.44	220.4	12.60	245.1	13.48
	100	124.9	6.88	148.5	8.54	173.3	10.37	185.1	11.34	196.9	11.78	220.4	13.19	245.1	13.87
	105	124.9	7.80	148.5	9.73	173.3	11.43	185.1	12.10	196.9	12.81	220.4	13.89	245.1	14.68
	110	124.9	8.79	148.5	11.03	173.3	12.10	185.1	12.82	196.9	13.88	220.4	14.47	238.1	15.78
	115	124.9	9.43	148.5	11.76	173.3	12.51	185.1	13.56	196.9	14.29	220.4	14.90	224.4	16.80
	118	124.9	10.02	148.5	12.49	173.3	13.29	185.1	14.37	179.1	14.29	184.8	12.65	183.2	14.26
	122	124.9	10.81	148.5	13.53	154.6	12.69	147.9	11.82	143.5	10.81	148.4	9.59	147.5	10.84
60%	-9.9	107.3	2.54	127.3	2.94	148.5	3.46	157.9	3.69	168.6	3.98	189.8	4.51	209.8	5.04
	-5	107.3	2.68	127.3	3.11	148.5	3.65	157.9	3.90	168.6	4.19	189.8	4.75	209.8	5.31
	0	107.3	2.79	127.3	3.23	148.5	3.79	157.9	4.05	168.6	4.37	189.8	4.94	209.8	5.53
	5	107.3	2.89	127.3	3.35	148.5	3.93	157.9	4.21	168.6	4.52	189.8	5.13	209.8	5.73
	10	107.3	2.97	127.3	3.45	148.5	4.05	157.9	4.32	168.6	4.65	189.8	5.27	209.8	5.89
	14	107.3	3.07	127.3	3.57	148.5	4.19	157.9	4.48	168.6	4.82	189.8	5.47	209.8	6.10
	20	107.3	3.17	127.3	3.70	148.5	4.33	157.9	4.64	168.6	4.98	189.8	5.64	209.8	6.32
	25	107.3	3.25	127.3	3.81	148.5	4.44	157.9	4.77	168.6	5.11	189.8	5.80	209.8	6.50
	30	107.3	3.33	127.3	3.92	148.5	4.55	157.9	4.90	168.6	5.24	189.8	5.94	209.8	6.68
	35	107.3	3.40	127.3	4.02	148.5	4.67	157.9	5.02	168.6	5.37	189.8	6.09	209.8	6.85
	40	107.3	3.50	127.3	4.12	148.5	4.80	157.9	5.15	168.6	5.51	189.8	6.26	209.8	7.02
	45	107.3	3.53	127.3	4.16	148.5	4.83	157.9	5.20	168.6	5.57	189.8	6.30	209.8	7.08
	50	107.3	3.56	127.3	4.19	148.5	4.88	157.9	5.24	168.6	5.61	189.8	6.36	209.8	7.15
	55	107.3	3.61	127.3	4.27	148.5	4.98	157.9	5.34	168.6	5.70	189.8	6.49	209.8	7.27
	60	107.3	3.73	127.3	4.41	148.5	5.14	157.9	5.54	168.6	5.93	189.8	6.71	209.8	7.56
	65	107.3	3.78	127.3	4.49	148.5	5.24	157.9	5.63	168.6	6.03	189.8	6.85	209.8	7.71
	70	107.3	3.88	127.3	4.61	148.5	5.39	157.9	5.78	168.6	6.19	189.8	7.05	209.8	8.00
	75	107.3	3.95	127.3	4.68	148.5	5.49	157.9	5.90	168.6	6.39	189.8	7.47	209.8	8.52
	80	107.3	4.19	127.3	5.12	148.5	6.15	157.9	6.71	168.6	7.27	189.8	8.36	209.8	9.63
	85	107.3	4.46	127.3	5.44	148.5	6.53	157.9	7.15	168.6	7.78	189.8	8.80	209.8	9.94
	90	107.3	5.00	127.3	6.15	148.5	7.39	157.9	8.07	168.6	8.74	189.8	9.84	209.8	10.84
	95	107.3	5.30	127.3	6.52	148.5	7.85	157.9	8.61	168.6	9.25	189.8	10.28	209.8	11.41
	100	107.3	5.68	127.3	7.00	148.5	8.46	157.9	9.26	168.6	9.66	189.8	10.91	209.8	11.90
	105	107.3	6.46	127.3	7.97	148.5	9.35	157.9	9.89	168.6	10.52	189.8	11.59	209.8	12.98
	110	107.3	7.27	127.3	9.05	148.5	10.08	157.9	10.48	168.6	11.37	189.8	12.39	209.8	14.16
	115	107.3	7.78	127.3	9.66	148.5	10.47	157.9	11.10	168.6	11.77	189.8	13.10	209.8	15.12
	118	107.3	8.24	127.3	10.24	148.5	11.12	157.9	11.79	168.6	12.52	184.8	12.65	183.2	14.26
	122	107.3	8.88	127.3	11.07	148.5	12.05	147.5	11.96	142.8	11.07	148.4	9.59	147.5	10.84

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 heat recovery system synchronous operating range.
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).

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	2.18	106.1	2.57	123.8	2.87	132.0	3.10	140.3	3.33	157.9	3.70	174.4	4.10
	-5	89.1	2.30	106.1	2.71	123.8	3.03	132.0	3.27	140.3	3.52	157.9	3.90	174.4	4.32
	0	89.1	2.40	106.1	2.82	123.8	3.16	132.0	3.40	140.3	3.66	157.9	4.06	174.4	4.51
	5	89.1	2.48	106.1	2.92	123.8	3.27	132.0	3.52	140.3	3.79	157.9	4.21	174.4	4.67
	10	89.1	2.56	106.1	3.00	123.8	3.36	132.0	3.62	140.3	3.90	157.9	4.32	174.4	4.80
	14	89.1	2.64	106.1	3.12	123.8	3.49	132.0	3.76	140.3	4.04	157.9	4.48	174.4	4.97
	20	89.1	2.74	106.1	3.21	123.8	3.63	132.0	3.89	140.3	4.18	157.9	4.65	174.4	5.17
	25	89.1	2.83	106.1	3.29	123.8	3.75	132.0	4.01	140.3	4.28	157.9	4.78	174.4	5.32
	30	89.1	2.91	106.1	3.37	123.8	3.86	132.0	4.12	140.3	4.39	157.9	4.92	174.4	5.48
	35	89.1	2.99	106.1	3.46	123.8	3.96	132.0	4.23	140.3	4.51	157.9	5.06	174.4	5.62
	40	89.1	3.06	106.1	3.55	123.8	4.08	132.0	4.33	140.3	4.62	157.9	5.18	174.4	5.77
	45	89.1	3.10	106.1	3.60	123.8	4.12	132.0	4.39	140.3	4.69	157.9	5.25	174.4	5.84
	50	89.1	3.15	106.1	3.65	123.8	4.19	132.0	4.45	140.3	4.75	157.9	5.33	174.4	5.93
	55	89.1	3.22	106.1	3.72	123.8	4.25	132.0	4.52	140.3	4.82	157.9	5.43	174.4	6.03
	60	89.1	3.29	106.1	3.82	123.8	4.39	132.0	4.69	140.3	5.00	157.9	5.60	174.4	6.26
	65	89.1	3.32	106.1	3.89	123.8	4.45	132.0	4.75	140.3	5.06	157.9	5.70	174.4	6.36
	70	89.1	3.42	106.1	3.95	123.8	4.55	132.0	4.90	140.3	5.20	157.9	5.86	174.4	6.56
	75	89.1	3.45	106.1	4.02	123.8	4.65	132.0	4.96	140.3	5.30	157.9	5.96	174.4	6.70
	80	89.1	3.55	106.1	4.25	123.8	5.00	132.0	5.40	140.3	5.80	157.9	6.66	174.4	7.61
	85	89.1	3.79	106.1	4.49	123.8	5.30	132.0	5.73	140.3	6.16	157.9	7.11	174.4	8.11
	90	89.1	4.22	106.1	5.03	123.8	5.96	132.0	6.43	140.3	6.94	157.9	8.01	174.4	9.19
	95	89.1	4.45	106.1	5.33	123.8	6.30	132.0	6.84	140.3	7.37	157.9	8.51	174.4	9.75
	100	89.1	4.69	106.1	5.63	123.8	6.66	132.0	7.24	140.3	7.81	157.9	9.05	174.4	10.35
	105	89.1	5.13	106.1	6.22	123.8	7.38	132.0	7.99	140.3	8.64	157.9	10.02	174.4	11.52
	110	89.1	5.66	106.1	6.87	123.8	8.17	132.0	8.89	140.3	9.62	157.9	11.20	174.4	12.87
	115	89.1	6.06	106.1	7.37	123.8	8.79	132.0	9.55	140.3	10.35	157.9	12.06	174.4	13.87
	118	89.1	6.55	106.1	8.00	123.8	9.55	132.0	10.38	140.3	11.27	157.9	12.65	174.4	14.26
	122	89.1	7.22	106.1	8.84	123.8	10.55	132.0	11.53	140.3	11.07	148.4	9.59	147.5	10.84

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 heat recovery system synchronous operating range.
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).

COOLING CAPACITY DATA



ARUM288CTE5

288,000 Btu/h 575V Outdoor 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	6.07	311.1	7.36	361.6	8.74	374.9	9.42	380.2	10.17	393.4	11.66	402.8	12.05
	-5	261.9	6.40	311.1	7.77	361.6	9.21	374.9	9.95	380.2	10.73	393.4	12.30	402.8	12.71
	0	261.9	6.65	311.1	8.08	361.6	9.59	374.9	10.35	380.2	11.16	393.4	12.79	402.8	13.22
	5	261.9	6.90	311.1	8.38	361.6	9.94	374.9	10.73	380.2	11.57	393.4	13.26	402.8	13.71
	10	261.9	7.10	311.1	8.61	361.6	10.23	374.9	11.03	380.2	11.90	393.4	13.64	402.8	14.10
	14	261.9	7.36	311.1	8.92	361.6	10.59	374.9	11.44	380.2	12.33	393.4	14.14	402.8	14.61
	20	261.9	7.49	311.1	9.07	361.6	10.75	374.9	11.61	380.2	12.51	393.4	14.33	402.8	14.82
	25	261.9	7.59	311.1	9.19	361.6	10.88	374.9	11.76	380.2	12.65	393.4	14.50	402.8	15.00
	30	261.9	7.69	311.1	9.31	361.6	11.01	374.9	11.90	380.2	12.79	393.4	14.66	402.8	15.17
	35	261.9	7.78	311.1	9.42	361.6	11.13	374.9	12.04	380.2	12.94	393.4	14.83	402.8	15.35
	40	261.9	7.88	311.1	9.53	361.6	11.27	374.9	12.19	380.2	13.10	393.4	15.01	402.8	15.53
	45	261.9	7.96	311.1	9.63	361.6	11.40	374.9	12.31	380.2	13.22	393.4	15.17	402.8	15.70
	50	261.9	8.04	311.1	9.73	361.6	11.50	374.9	12.43	380.2	13.36	393.4	15.32	402.8	15.85
	55	261.9	8.17	311.1	9.91	361.6	11.72	369.6	12.70	374.9	13.64	388.0	15.59	397.5	15.96
	60	261.9	8.43	311.1	10.26	356.3	12.21	361.4	13.19	365.6	14.17	378.6	16.07	388.0	16.14
	65	261.9	8.61	311.1	10.48	351.0	12.43	356.3	13.46	360.3	14.43	373.3	16.60	382.7	16.74
	70	261.9	8.29	311.1	10.07	344.3	12.39	348.3	13.64	353.7	14.96	366.6	16.62	375.9	16.78
	75	261.9	8.50	311.1	10.73	339.0	13.26	343.0	14.63	348.3	16.04	361.2	17.41	370.6	17.53
	80	261.9	9.66	311.1	12.23	329.7	15.17	333.7	16.74	339.0	18.40	351.8	18.90	361.2	19.06
	85	261.9	10.28	311.1	13.05	324.4	16.20	329.7	17.87	333.7	19.52	346.4	19.69	355.8	19.86
	90	261.9	11.65	305.7	14.84	315.0	18.40	319.1	20.35	324.4	21.05	337.0	21.22	346.4	21.43
	95	264.7	12.35	303.6	15.79	313.1	19.65	318.4	21.72	322.5	21.79	335.2	22.00	344.7	22.21
	100	264.7	13.37	298.2	17.08	307.7	21.29	313.1	22.85	317.1	22.98	331.1	23.20	340.6	23.41
	105	264.7	15.07	290.3	19.32	299.6	24.02	304.2	24.58	308.9	24.70	319.5	24.93	324.2	25.17
	110	264.7	16.92	278.2	21.78	289.9	26.20	290.7	26.33	295.1	26.41	301.3	26.68	302.4	26.93
	115	263.4	19.58	268.2	25.05	268.2	27.62	268.2	27.62	268.2	27.62	272.0	27.67	273.3	27.72
	118	229.0	16.59	233.1	21.22	233.4	23.23	233.4	23.43	233.4	23.43	236.8	23.48	235.8	23.52
	122	183.0	12.58	187.0	16.13	186.0	17.68	186.6	17.72	187.0	17.74	190.2	17.80	189.9	17.87
120%	-9.9	238.3	5.72	284.4	6.93	330.5	8.21	354.2	8.85	370.0	9.54	386.8	10.94	394.8	11.30
	-5	238.3	6.03	284.4	7.31	330.5	8.66	354.2	9.34	370.0	10.06	386.8	11.54	394.8	11.93
	0	238.3	6.28	284.4	7.60	330.5	9.00	354.2	9.71	370.0	10.47	386.8	12.01	394.8	12.41
	5	238.3	6.50	284.4	7.88	330.5	9.34	354.2	10.06	370.0	10.85	386.8	12.44	394.8	12.86
	10	238.3	6.69	284.4	8.11	330.5	9.60	354.2	10.35	370.0	11.16	386.8	12.80	394.8	13.23
	14	238.3	6.93	284.4	8.40	330.5	9.95	354.2	10.73	370.0	11.57	386.8	13.26	394.8	13.71
	20	238.3	7.04	284.4	8.53	330.5	10.09	354.2	10.90	370.0	11.73	386.8	13.46	394.8	13.90
	25	238.3	7.13	284.4	8.63	330.5	10.21	354.2	11.03	370.0	11.87	386.8	13.61	394.8	14.07
	30	238.3	7.22	284.4	8.74	330.5	10.33	354.2	11.17	370.0	12.01	386.8	13.76	394.8	14.24
	35	238.3	7.32	284.4	8.84	330.5	10.45	354.2	11.31	370.0	12.15	386.8	13.93	394.8	14.42
	40	238.3	7.40	284.4	8.96	330.5	10.59	354.2	11.45	370.0	12.31	386.8	14.11	394.8	14.60
	45	238.3	7.49	284.4	9.05	330.5	10.71	354.2	11.59	370.0	12.44	386.8	14.26	394.8	14.77
	50	238.3	7.57	284.4	9.16	330.5	10.83	354.2	11.70	370.0	12.58	386.8	14.43	394.8	14.93
	55	238.3	7.70	284.4	9.32	330.5	11.04	354.2	11.96	366.0	12.83	381.4	14.68	390.8	15.04
	60	238.3	7.95	284.4	9.66	330.5	11.50	351.6	12.41	355.5	13.34	372.0	15.14	380.1	15.40
	65	238.3	8.11	284.4	9.87	330.5	11.70	346.3	12.67	351.6	13.59	366.6	15.64	376.0	15.77
	70	238.3	8.16	284.4	9.67	330.5	11.90	339.7	13.09	343.7	14.36	360.0	15.95	368.0	16.11
	75	238.3	7.96	284.4	10.30	330.5	12.73	334.5	14.04	339.7	15.39	354.6	16.71	363.9	16.83
	80	238.3	9.27	284.4	11.73	321.3	14.56	325.2	16.07	329.2	17.66	345.2	18.15	353.2	18.30
	85	238.3	9.87	284.4	12.54	316.0	15.56	320.0	17.15	325.2	18.74	339.8	18.90	349.2	19.05
	90	238.3	11.18	284.4	14.25	306.8	17.66	310.8	19.54	314.7	20.21	330.4	20.37	338.4	20.57
	95	240.9	11.86	287.4	15.16	304.7	18.86	308.7	20.85	314.0	20.93	328.5	21.13	337.9	21.32
	100	240.9	12.83	287.4	16.39	299.4	20.44	304.7	21.94	308.7	22.06	324.3	22.27	332.5	22.47
	105	240.9	14.46	282.9	18.56	291.4	23.07	296.1	23.59	300.0	23.73	314.9	23.92	320.1	24.15
	110	240.9	16.24	275.7	20.90	284.6	25.15	285.4	25.27	289.7	25.36	298.7	25.61	299.8	25.86
	115	234.2	18.80	265.5	24.05	265.5	26.51	265.5	26.51	265.5	26.51	272.1	26.56	273.3	26.61
	118	209.1	16.59	230.9	20.37	231.2	22.29	231.2	22.50	231.2	22.50	236.9	22.54	235.9	22.57
	122	167.1	12.58	185.2	15.49	184.2	16.98	184.8	17.02	185.2	17.03	190.2	17.09	189.9	17.16

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 heat recovery system synchronous operating range.
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).

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	220.8	5.26	263.4	6.35	306.0	7.53	327.3	8.16	348.6	8.74	384.1	9.97	392.2	10.34
	-5	220.8	5.55	263.4	6.69	306.0	7.93	327.3	8.60	348.6	9.22	384.1	10.52	392.2	10.91
	0	220.8	5.78	263.4	6.97	306.0	8.25	327.3	8.95	348.6	9.59	384.1	10.94	392.2	11.35
	5	220.8	5.98	263.4	7.22	306.0	8.56	327.3	9.28	348.6	9.94	384.1	11.34	392.2	11.77
	10	220.8	6.15	263.4	7.43	306.0	8.81	327.3	9.55	348.6	10.23	384.1	11.67	392.2	12.11
	14	220.8	6.39	263.4	7.70	306.0	9.13	327.3	9.89	348.6	10.60	384.1	12.09	392.2	12.54
	20	220.8	6.47	263.4	7.82	306.0	9.26	327.3	10.03	348.6	10.76	384.1	12.30	392.2	12.73
	25	220.8	6.55	263.4	7.92	306.0	9.38	327.3	10.14	348.6	10.90	384.1	12.47	392.2	12.90
	30	220.8	6.64	263.4	8.03	306.0	9.49	327.3	10.26	348.6	11.02	384.1	12.64	392.2	13.07
	35	220.8	6.73	263.4	8.14	306.0	9.62	327.3	10.41	348.6	11.19	384.1	12.83	392.2	13.28
	40	220.8	6.82	263.4	8.25	306.0	9.76	327.3	10.55	348.6	11.34	384.1	13.00	392.2	13.44
	45	220.8	6.94	263.4	8.38	306.0	9.92	327.3	10.73	348.6	11.54	384.1	13.22	392.2	13.67
	50	220.8	7.04	263.4	8.53	306.0	10.09	327.3	10.90	348.6	11.72	384.1	13.43	392.2	13.88
	55	220.8	7.17	263.4	8.68	306.0	10.28	327.3	11.13	348.6	11.95	378.6	13.67	386.8	14.01
	60	220.8	7.40	263.4	8.99	306.0	10.70	327.3	11.56	348.6	12.43	369.2	14.10	377.3	14.22
	65	220.8	7.56	263.4	9.19	306.0	10.90	327.3	11.80	348.6	12.65	363.7	14.56	371.9	14.68
	70	220.8	7.63	263.4	9.27	306.0	11.41	327.3	12.55	342.0	13.78	357.0	15.30	365.1	15.45
	75	220.8	7.82	263.4	9.88	306.0	12.21	327.3	13.47	336.6	14.76	351.5	16.02	359.7	16.14
	80	218.6	8.89	260.7	11.26	302.9	13.96	320.1	15.42	324.0	16.94	338.5	17.40	346.6	17.55
	85	218.6	9.46	260.7	12.02	302.9	14.92	314.7	16.45	318.7	17.97	333.1	18.12	341.2	18.27
	90	218.6	10.72	260.7	13.65	301.6	16.94	305.5	18.73	309.5	19.38	323.7	19.54	331.8	19.72
	95	218.6	11.37	260.7	14.53	296.3	18.08	300.3	19.99	304.2	20.07	318.3	20.26	326.4	20.44
	100	218.6	12.30	260.7	15.72	292.4	19.61	296.3	21.04	300.3	21.15	314.4	21.35	322.4	21.54
	105	218.6	13.87	260.7	17.78	283.2	22.11	287.2	22.63	291.1	22.74	305.1	22.95	312.9	23.17
	110	218.6	15.57	260.7	20.04	274.5	24.12	275.3	24.24	279.4	24.31	288.1	24.55	289.2	24.79
	115	218.6	18.02	260.7	23.06	262.8	25.42	262.8	25.42	264.0	25.42	269.3	25.47	270.5	25.51
	118	211.2	16.42	226.8	19.54	228.9	21.38	228.9	21.57	229.8	21.57	234.5	21.61	233.5	21.65
	122	168.8	12.46	181.8	14.85	182.4	16.27	182.8	16.31	184.1	16.34	188.3	16.38	187.9	16.45
100%	-9.9	194.1	4.63	231.4	5.58	268.7	6.62	288.0	7.21	316.5	7.81	354.9	9.00	374.7	9.38
	-5	194.1	4.88	231.4	5.90	268.7	6.99	288.0	7.61	316.5	8.24	354.9	9.50	374.7	9.89
	0	194.1	5.08	231.4	6.14	268.7	7.26	288.0	7.92	316.5	8.57	354.9	9.88	374.7	10.30
	5	194.1	5.26	231.4	6.36	268.7	7.53	288.0	8.21	316.5	8.88	354.9	10.24	374.7	10.67
	10	194.1	5.41	231.4	6.54	268.7	7.75	288.0	8.45	316.5	9.14	354.9	10.54	374.7	10.98
	14	194.1	5.61	231.4	6.78	268.7	8.03	288.0	8.75	316.5	9.46	354.9	10.92	374.7	11.37
	20	194.1	5.79	231.4	7.00	268.7	8.28	288.0	9.00	316.5	9.77	354.9	11.24	374.7	11.70
	25	194.1	5.94	231.4	7.18	268.7	8.49	288.0	9.20	316.5	10.02	354.9	11.51	374.7	11.97
	30	194.1	6.08	231.4	7.36	268.7	8.71	288.0	9.41	316.5	10.27	354.9	11.77	374.7	12.24
	35	194.1	6.18	231.4	7.49	268.7	8.85	288.0	9.56	316.5	10.44	354.9	11.97	374.7	12.44
	40	194.1	6.28	231.4	7.60	268.7	8.99	288.0	9.71	316.5	10.60	354.9	12.15	374.7	12.64
	45	194.1	6.42	231.4	7.77	268.7	9.17	288.0	9.92	316.5	10.81	354.9	12.40	374.7	12.90
	50	194.1	6.54	231.4	7.92	268.7	9.36	288.0	10.12	316.5	11.05	354.9	12.66	374.7	13.16
	55	194.1	6.65	231.4	8.06	268.7	9.55	288.0	10.34	316.5	11.26	354.9	12.87	370.8	13.36
	60	194.1	6.86	231.4	8.35	268.7	9.94	288.0	10.73	316.5	11.70	353.6	13.28	360.2	13.60
	65	194.1	7.01	231.4	8.53	268.7	10.12	288.0	10.95	316.5	11.93	348.3	13.72	356.2	14.00
	70	194.1	7.22	231.4	8.78	268.7	10.81	288.0	11.90	316.5	13.25	341.7	14.71	348.3	14.97
	75	194.1	7.41	231.4	9.36	268.7	11.56	288.0	12.76	316.5	14.20	336.3	15.41	344.3	15.60
	80	194.1	8.42	231.4	10.66	268.7	13.23	288.0	14.60	316.5	16.29	327.1	16.73	333.7	16.96
	85	194.1	8.96	231.4	11.38	268.7	14.14	288.0	15.57	315.2	17.28	321.8	17.42	329.7	17.66
	90	194.1	10.16	231.4	12.94	268.7	16.05	288.0	17.74	304.6	18.63	312.6	18.79	319.2	19.06
	95	194.1	10.77	231.4	13.78	268.7	17.13	288.0	18.94	300.6	19.30	307.2	19.48	315.2	19.76
	100	194.1	11.63	231.4	14.86	268.7	18.52	282.9	19.89	295.5	20.29	303.2	20.48	310.0	20.78
	105	194.1	13.07	231.4	16.74	267.3	20.83	275.1	21.31	286.5	21.74	294.0	21.93	301.2	22.24
	110	194.1	14.61	231.4	18.80	264.2	22.61	270.1	22.73	275.6	23.14	280.0	23.37	285.0	23.71
	115	194.1	16.78	231.4	21.47	251.4	23.67	259.2	23.67	265.7	24.03	268.2	24.07	269.4	24.24
	118	194.1	16.92	203.0	20.14	218.9	19.91	225.7	20.08	231.3	20.39	233.5	20.43	232.5	20.57
	122	166.1	15.32	162.8	15.31	174.5	15.16	180.3	15.20	185.3	15.43	187.5	15.49	187.2	15.63

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 heat recovery system synchronous operating range.
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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).

COOLING CAPACITY DATA



ARUM288CTE5

288,000 Btu/h 575V Outdoor Units

MULTI V 5 Outdoor Unit Performance Data Manual

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	174.9	4.13	208.3	4.95	243.0	5.84	259.7	6.29	276.4	6.72	309.9	7.74	343.3	8.49
	-5	174.9	4.36	208.3	5.22	243.0	6.17	259.7	6.64	276.4	7.08	309.9	8.17	343.3	8.96
	0	174.9	4.54	208.3	5.43	243.0	6.42	259.7	6.90	276.4	7.38	309.9	8.49	343.3	9.32
	5	174.9	4.70	208.3	5.63	243.0	6.65	259.7	7.15	276.4	7.64	309.9	8.81	343.3	9.66
	10	174.9	4.83	208.3	5.79	243.0	6.85	259.7	7.36	276.4	7.86	309.9	9.06	343.3	9.94
	14	174.9	5.01	208.3	6.00	243.0	7.08	259.7	7.63	276.4	8.14	309.9	9.38	343.3	10.30
	20	174.9	5.19	208.3	6.23	243.0	7.35	259.7	7.92	276.4	8.49	309.9	9.72	343.3	10.70
	25	174.9	5.34	208.3	6.42	243.0	7.57	259.7	8.17	276.4	8.77	309.9	10.00	343.3	11.02
	30	174.9	5.50	208.3	6.61	243.0	7.79	259.7	8.41	276.4	9.05	309.9	10.28	343.3	11.35
	35	174.9	5.66	208.3	6.82	243.0	8.03	259.7	8.66	276.4	9.32	309.9	10.59	343.3	11.70
	40	174.9	5.83	208.3	7.01	243.0	8.28	259.7	8.92	276.4	9.60	309.9	10.91	343.3	12.04
	45	174.9	5.97	208.3	7.18	243.0	8.46	259.7	9.13	276.4	9.83	309.9	11.16	343.3	12.33
	50	174.9	6.10	208.3	7.33	243.0	8.66	259.7	9.34	276.4	10.05	309.9	11.41	343.3	12.60
	55	174.9	6.17	208.3	7.45	243.0	8.81	259.7	9.52	276.4	10.23	309.9	11.63	343.3	12.72
	60	174.9	6.40	208.3	7.75	243.0	9.14	259.7	9.89	276.4	10.65	309.9	12.08	340.4	12.86
	65	174.9	6.51	208.3	7.90	243.0	9.34	259.7	10.09	276.4	10.84	309.9	12.30	338.1	13.50
	70	174.9	6.69	208.3	8.13	243.0	9.67	259.7	10.65	276.4	11.62	309.9	13.73	331.7	14.50
	75	174.9	6.81	208.3	8.50	243.0	10.35	259.7	11.40	276.4	12.50	309.9	14.32	326.6	15.15
	80	174.9	7.64	208.3	9.63	243.0	11.81	259.7	13.02	276.4	14.26	309.9	15.84	317.6	16.48
	85	174.9	8.13	208.3	10.27	243.0	12.64	259.7	13.89	276.4	15.24	306.0	16.67	312.4	17.16
	90	174.9	9.18	208.3	11.62	243.0	14.33	259.7	15.81	276.4	17.34	297.0	18.24	303.4	18.52
	95	174.9	9.78	208.3	12.34	243.0	15.28	259.7	16.85	276.4	18.51	291.9	18.94	298.3	19.20
	100	174.9	10.10	208.3	12.86	243.0	15.92	259.7	17.52	276.4	18.92	288.0	19.76	293.1	19.97
	105	174.9	11.70	208.3	14.92	243.0	17.99	259.7	19.19	273.3	20.29	279.0	21.18	282.8	21.44
	110	174.9	13.44	208.3	17.21	243.0	19.73	259.7	20.72	262.3	22.00	265.8	22.74	267.9	23.00
	115	174.9	14.56	208.3	18.66	227.6	20.79	246.3	21.68	249.7	22.70	252.0	23.20	253.2	23.49
	118	174.9	15.46	203.0	20.14	198.1	17.48	214.4	18.40	217.5	19.26	219.5	19.68	218.6	19.93
	122	166.1	15.32	162.8	15.31	157.9	13.30	171.3	13.90	174.2	14.58	176.2	14.92	175.9	15.14
80%	-9.9	155.6	3.58	185.1	4.31	216.0	5.01	230.1	5.44	245.6	5.86	275.1	6.69	304.7	7.46
	-5	155.6	3.77	185.1	4.55	216.0	5.28	230.1	5.73	245.6	6.18	275.1	7.06	304.7	7.86
	0	155.6	3.92	185.1	4.73	216.0	5.50	230.1	5.97	245.6	6.43	275.1	7.35	304.7	8.18
	5	155.6	4.06	185.1	4.90	216.0	5.69	230.1	6.18	245.6	6.67	275.1	7.61	304.7	8.48
	10	155.6	4.19	185.1	5.04	216.0	5.86	230.1	6.36	245.6	6.86	275.1	7.83	304.7	8.73
	14	155.6	4.34	185.1	5.23	216.0	6.07	230.1	6.60	245.6	7.11	275.1	8.11	304.7	9.04
	20	155.6	4.51	185.1	5.41	216.0	6.32	230.1	6.83	245.6	7.35	275.1	8.41	304.7	9.39
	25	155.6	4.64	185.1	5.57	216.0	6.51	230.1	7.04	245.6	7.56	275.1	8.66	304.7	9.67
	30	155.6	4.77	185.1	5.72	216.0	6.72	230.1	7.25	245.6	7.76	275.1	8.90	304.7	9.97
	35	155.6	4.90	185.1	5.89	216.0	6.92	230.1	7.44	245.6	7.97	275.1	9.14	304.7	10.24
	40	155.6	5.04	185.1	6.04	216.0	7.09	230.1	7.65	245.6	8.19	275.1	9.39	304.7	10.52
	45	155.6	5.11	185.1	6.12	216.0	7.20	230.1	7.77	245.6	8.29	275.1	9.53	304.7	10.66
	50	155.6	5.18	185.1	6.21	216.0	7.29	230.1	7.86	245.6	8.42	275.1	9.66	304.7	10.81
	55	155.6	5.26	185.1	6.32	216.0	7.42	230.1	8.00	245.6	8.57	275.1	9.84	304.7	10.99
	60	155.6	5.44	185.1	6.53	216.0	7.68	230.1	8.28	245.6	8.92	275.1	10.18	304.7	11.44
	65	155.6	5.52	185.1	6.65	216.0	7.84	230.1	8.45	245.6	9.10	275.1	10.37	304.7	11.70
	70	155.6	5.68	185.1	6.83	216.0	8.07	230.1	8.71	245.6	9.48	275.1	11.18	304.7	12.94
	75	155.6	5.79	185.1	6.97	216.0	8.47	230.1	9.28	245.6	10.10	275.1	11.89	304.7	13.65
	80	155.6	6.34	185.1	7.92	216.0	9.66	230.1	10.55	245.6	11.52	275.1	13.68	304.7	15.25
	85	155.6	6.76	185.1	8.42	216.0	10.28	230.1	11.26	245.6	12.34	275.1	14.57	304.7	15.64
	90	155.6	7.60	185.1	9.55	216.0	11.63	230.1	12.79	245.6	14.03	275.1	16.02	299.7	16.57
	95	155.6	8.07	185.1	10.10	216.0	12.41	230.1	13.57	245.6	14.92	275.1	16.57	293.3	17.02
	100	155.6	8.71	185.1	10.89	216.0	13.39	230.1	14.54	245.6	15.50	275.1	17.26	286.7	17.58
	105	155.6	9.92	185.1	12.47	216.0	14.90	230.1	15.60	245.6	16.63	271.8	17.94	278.5	18.45
	110	155.6	11.26	185.1	14.21	216.0	15.81	230.1	16.67	245.6	17.91	262.3	18.59	263.6	19.40
	115	155.6	12.05	185.1	15.18	216.0	16.34	230.1	17.52	230.1	18.34	231.6	19.02	231.6	20.17
	118	155.6	12.79	185.1	16.13	198.1	17.48	202.2	16.63	200.4	15.56	201.6	16.14	199.9	17.12
	122	155.6	13.83	163.3	15.21	157.9	13.30	161.5	12.58	160.5	11.77	161.9	12.23	160.9	13.00

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 heat recovery system synchronous operating range.
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).

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
70%	-9.9	136.3	3.16	162.0	3.76	189.0	4.41	201.9	4.73	214.7	5.04	240.4	5.77	267.4	6.46
	-5	136.3	3.33	162.0	3.96	189.0	4.66	201.9	4.98	214.7	5.32	240.4	6.08	267.4	6.82
	0	136.3	3.47	162.0	4.12	189.0	4.84	201.9	5.19	214.7	5.53	240.4	6.33	267.4	7.08
	5	136.3	3.59	162.0	4.27	189.0	5.02	201.9	5.37	214.7	5.73	240.4	6.57	267.4	7.35
	10	136.3	3.70	162.0	4.40	189.0	5.17	201.9	5.54	214.7	5.90	240.4	6.75	267.4	7.56
	14	136.3	3.83	162.0	4.55	189.0	5.36	201.9	5.73	214.7	6.11	240.4	7.00	267.4	7.83
	20	136.3	3.96	162.0	4.70	189.0	5.52	201.9	5.93	214.7	6.32	240.4	7.22	267.4	8.10
	25	136.3	4.08	162.0	4.83	189.0	5.66	201.9	6.08	214.7	6.50	240.4	7.40	267.4	8.31
	30	136.3	4.19	162.0	4.95	189.0	5.80	201.9	6.24	214.7	6.67	240.4	7.59	267.4	8.53
	35	136.3	4.30	162.0	5.09	189.0	5.97	201.9	6.40	214.7	6.86	240.4	7.78	267.4	8.77
	40	136.3	4.41	162.0	5.22	189.0	6.11	201.9	6.57	214.7	7.03	240.4	8.00	267.4	8.99
	45	136.3	4.47	162.0	5.30	189.0	6.21	201.9	6.68	214.7	7.14	240.4	8.13	267.4	9.13
	50	136.3	4.55	162.0	5.40	189.0	6.32	201.9	6.79	214.7	7.26	240.4	8.26	267.4	9.28
	55	136.3	4.63	162.0	5.50	189.0	6.42	201.9	6.89	214.7	7.39	240.4	8.42	267.4	9.48
	60	136.3	4.76	162.0	5.68	189.0	6.65	201.9	7.15	214.7	7.65	240.4	8.74	267.4	9.84
	65	136.3	4.84	162.0	5.79	189.0	6.76	201.9	7.29	214.7	7.81	240.4	8.89	267.4	9.99
	70	136.3	4.97	162.0	5.94	189.0	6.97	201.9	7.50	214.7	8.05	240.4	9.21	267.4	10.63
	75	136.3	5.05	162.0	6.05	189.0	7.10	201.9	7.76	214.7	8.42	240.4	9.84	267.4	11.26
	80	136.3	5.44	162.0	6.68	189.0	8.07	201.9	8.81	214.7	9.55	240.4	10.88	267.4	12.48
	85	136.3	5.79	162.0	7.10	189.0	8.60	201.9	9.39	214.7	10.28	240.4	11.59	267.4	13.01
	90	136.3	6.50	162.0	8.03	189.0	9.73	201.9	10.63	214.7	11.63	240.4	12.93	267.4	14.12
	95	136.3	6.86	162.0	8.52	189.0	10.37	201.9	11.34	214.7	12.34	240.4	13.59	267.4	14.54
	100	136.3	7.42	162.0	9.21	189.0	11.18	201.9	12.23	214.7	12.71	240.4	14.22	267.4	14.96
	105	136.3	8.41	162.0	10.49	189.0	12.33	201.9	13.05	214.7	13.81	240.4	14.99	267.4	15.84
	110	136.3	9.48	162.0	11.89	189.0	13.05	201.9	13.83	214.7	14.97	240.4	15.60	267.4	17.02
	115	136.3	10.18	162.0	12.68	189.0	13.50	201.9	14.63	214.7	15.41	240.4	16.07	267.4	18.12
	118	136.3	10.81	162.0	13.47	189.0	14.33	201.9	15.50	214.7	15.41	201.6	13.64	199.9	15.38
	122	136.3	11.66	162.0	14.59	168.7	13.69	161.3	12.75	156.5	11.66	161.9	10.34	160.9	11.69
60%	-9.9	117.0	2.74	138.9	3.17	162.0	3.73	172.3	3.98	183.9	4.29	207.0	4.86	228.9	5.43
	-5	117.0	2.89	138.9	3.35	162.0	3.94	172.3	4.20	183.9	4.52	207.0	5.12	228.9	5.73
	0	117.0	3.01	138.9	3.49	162.0	4.09	172.3	4.37	183.9	4.71	207.0	5.33	228.9	5.96
	5	117.0	3.12	138.9	3.62	162.0	4.24	172.3	4.54	183.9	4.88	207.0	5.53	228.9	6.18
	10	117.0	3.20	138.9	3.72	162.0	4.37	172.3	4.66	183.9	5.02	207.0	5.69	228.9	6.36
	14	117.0	3.32	138.9	3.85	162.0	4.52	172.3	4.83	183.9	5.20	207.0	5.89	228.9	6.58
	20	117.0	3.42	138.9	3.99	162.0	4.67	172.3	5.00	183.9	5.37	207.0	6.08	228.9	6.82
	25	117.0	3.51	138.9	4.11	162.0	4.79	172.3	5.15	183.9	5.51	207.0	6.25	228.9	7.01
	30	117.0	3.59	138.9	4.23	162.0	4.91	172.3	5.29	183.9	5.65	207.0	6.41	228.9	7.20
	35	117.0	3.67	138.9	4.34	162.0	5.04	172.3	5.41	183.9	5.79	207.0	6.57	228.9	7.39
	40	117.0	3.77	138.9	4.45	162.0	5.18	172.3	5.56	183.9	5.94	207.0	6.75	228.9	7.57
	45	117.0	3.81	138.9	4.49	162.0	5.21	172.3	5.61	183.9	6.00	207.0	6.80	228.9	7.63
	50	117.0	3.84	138.9	4.52	162.0	5.26	172.3	5.65	183.9	6.05	207.0	6.86	228.9	7.71
	55	117.0	3.90	138.9	4.61	162.0	5.37	172.3	5.76	183.9	6.15	207.0	7.00	228.9	7.84
	60	117.0	4.02	138.9	4.76	162.0	5.55	172.3	5.97	183.9	6.39	207.0	7.24	228.9	8.15
	65	117.0	4.08	138.9	4.84	162.0	5.65	172.3	6.08	183.9	6.50	207.0	7.39	228.9	8.31
	70	117.0	4.19	138.9	4.97	162.0	5.82	172.3	6.23	183.9	6.68	207.0	7.60	228.9	8.63
	75	117.0	4.26	138.9	5.05	162.0	5.92	172.3	6.36	183.9	6.89	207.0	8.05	228.9	9.19
	80	117.0	4.52	138.9	5.52	162.0	6.63	172.3	7.24	183.9	7.84	207.0	9.02	228.9	10.38
	85	117.0	4.81	138.9	5.87	162.0	7.05	172.3	7.71	183.9	8.39	207.0	9.49	228.9	10.72
	90	117.0	5.40	138.9	6.63	162.0	7.97	172.3	8.71	183.9	9.42	207.0	10.62	228.9	11.69
	95	117.0	5.71	138.9	7.03	162.0	8.47	172.3	9.28	183.9	9.98	207.0	11.09	228.9	12.31
	100	117.0	6.12	138.9	7.55	162.0	9.13	172.3	9.99	183.9	10.42	207.0	11.76	228.9	12.83
	105	117.0	6.97	138.9	8.60	162.0	10.08	172.3	10.66	183.9	11.34	207.0	12.50	228.9	14.00
	110	117.0	7.84	138.9	9.76	162.0	10.87	172.3	11.31	183.9	12.26	207.0	13.37	228.9	15.27
	115	117.0	8.39	138.9	10.42	162.0	11.30	172.3	11.97	183.9	12.69	207.0	14.13	228.9	16.31
	118	117.0	8.88	138.9	11.05	162.0	12.00	172.3	12.72	183.9	13.51	201.6	13.64	199.9	15.38
	122	117.0	9.58	138.9	11.94	162.0	13.00	160.9	12.90	155.7	11.94	161.9	10.34	160.9	11.69

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 heat recovery system synchronous operating range.

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).

COOLING CAPACITY DATA



ARUM288CTE5

288,000 Btu/h 575V Outdoor 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
50%		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
	-9.9	97.2	2.35	115.7	2.77	135.0	3.10	144.0	3.34	153.0	3.59	172.3	3.99	190.3	4.42
	-5	97.2	2.48	115.7	2.92	135.0	3.27	144.0	3.52	153.0	3.80	172.3	4.20	190.3	4.66
	0	97.2	2.59	115.7	3.04	135.0	3.40	144.0	3.66	153.0	3.94	172.3	4.38	190.3	4.86
	5	97.2	2.67	115.7	3.15	135.0	3.52	144.0	3.80	153.0	4.09	172.3	4.54	190.3	5.04
	10	97.2	2.76	115.7	3.24	135.0	3.63	144.0	3.91	153.0	4.20	172.3	4.66	190.3	5.18
	14	97.2	2.85	115.7	3.36	135.0	3.76	144.0	4.05	153.0	4.36	172.3	4.84	190.3	5.36
	20	97.2	2.96	115.7	3.46	135.0	3.91	144.0	4.20	153.0	4.51	172.3	5.01	190.3	5.57
	25	97.2	3.05	115.7	3.55	135.0	4.05	144.0	4.32	153.0	4.62	172.3	5.16	190.3	5.73
	30	97.2	3.13	115.7	3.63	135.0	4.17	144.0	4.44	153.0	4.74	172.3	5.30	190.3	5.91
	35	97.2	3.22	115.7	3.73	135.0	4.28	144.0	4.56	153.0	4.87	172.3	5.46	190.3	6.07
	40	97.2	3.30	115.7	3.83	135.0	4.40	144.0	4.67	153.0	4.98	172.3	5.58	190.3	6.22
	45	97.2	3.35	115.7	3.88	135.0	4.45	144.0	4.73	153.0	5.05	172.3	5.66	190.3	6.30
	50	97.2	3.40	115.7	3.94	135.0	4.52	144.0	4.80	153.0	5.13	172.3	5.75	190.3	6.40
	55	97.2	3.47	115.7	4.01	135.0	4.59	144.0	4.88	153.0	5.20	172.3	5.86	190.3	6.51
	60	97.2	3.55	115.7	4.12	135.0	4.73	144.0	5.06	153.0	5.39	172.3	6.04	190.3	6.76
	65	97.2	3.58	115.7	4.19	135.0	4.80	144.0	5.13	153.0	5.46	172.3	6.15	190.3	6.86
	70	97.2	3.69	115.7	4.26	135.0	4.91	144.0	5.28	153.0	5.61	172.3	6.33	190.3	7.08
	75	97.2	3.73	115.7	4.34	135.0	5.02	144.0	5.35	153.0	5.71	172.3	6.43	190.3	7.22
	80	97.2	3.83	115.7	4.59	135.0	5.39	144.0	5.82	153.0	6.25	172.3	7.19	190.3	8.21
	85	97.2	4.08	115.7	4.84	135.0	5.71	144.0	6.18	153.0	6.65	172.3	7.67	190.3	8.75
	90	97.2	4.55	115.7	5.43	135.0	6.43	144.0	6.94	153.0	7.49	172.3	8.64	190.3	9.91
	95	97.2	4.80	115.7	5.75	135.0	6.79	144.0	7.38	153.0	7.95	172.3	9.18	190.3	10.52
	100	97.2	5.06	115.7	6.07	135.0	7.19	144.0	7.81	153.0	8.42	172.3	9.76	190.3	11.17
	105	97.2	5.53	115.7	6.71	135.0	7.96	144.0	8.62	153.0	9.32	172.3	10.81	190.3	12.43
	110	97.2	6.11	115.7	7.41	135.0	8.82	144.0	9.58	153.0	10.37	172.3	12.08	190.3	13.88
	115	97.2	6.54	115.7	7.95	135.0	9.48	144.0	10.30	153.0	11.17	172.3	13.01	190.3	14.96
	118	97.2	7.07	115.7	8.63	135.0	10.30	144.0	11.20	153.0	12.16	172.3	13.64	190.3	15.38
	122	97.2	7.79	115.7	9.53	135.0	11.38	144.0	12.44	153.0	11.94	161.9	10.34	160.9	11.69

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 heat recovery system synchronous operating range.

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).

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	6.63	337.0	8.04	391.7	9.55	406.2	10.30	411.9	11.11	426.2	12.74	436.4	13.16
	-5	283.7	6.99	337.0	8.49	391.7	10.07	406.2	10.87	411.9	11.73	426.2	13.44	436.4	13.89
	0	283.7	7.27	337.0	8.83	391.7	10.48	406.2	11.31	411.9	12.20	426.2	13.98	436.4	14.45
	5	283.7	7.54	337.0	9.16	391.7	10.87	406.2	11.72	411.9	12.65	426.2	14.49	436.4	14.98
	10	283.7	7.76	337.0	9.41	391.7	11.18	406.2	12.05	411.9	13.01	426.2	14.91	436.4	15.41
	14	283.7	8.04	337.0	9.75	391.7	11.58	406.2	12.50	411.9	13.48	426.2	15.45	436.4	15.96
	20	283.7	8.18	337.0	9.91	391.7	11.75	406.2	12.69	411.9	13.67	426.2	15.66	436.4	16.20
	25	283.7	8.30	337.0	10.05	391.7	11.89	406.2	12.85	411.9	13.82	426.2	15.84	436.4	16.39
	30	283.7	8.40	337.0	10.17	391.7	12.03	406.2	13.01	411.9	13.98	426.2	16.03	436.4	16.58
	35	283.7	8.50	337.0	10.30	391.7	12.17	406.2	13.15	411.9	14.15	426.2	16.21	436.4	16.78
	40	283.7	8.61	337.0	10.41	391.7	12.32	406.2	13.32	411.9	14.32	426.2	16.40	436.4	16.98
	45	283.7	8.70	337.0	10.52	391.7	12.46	406.2	13.45	411.9	14.45	426.2	16.58	436.4	17.15
	50	283.7	8.78	337.0	10.63	391.7	12.57	406.2	13.59	411.9	14.61	426.2	16.74	436.4	17.32
	55	283.7	8.93	337.0	10.83	391.7	12.81	400.4	13.88	406.2	14.90	420.3	17.04	430.6	17.44
	60	283.7	9.22	337.0	11.21	386.0	13.35	391.5	14.41	396.1	15.48	410.2	17.56	420.3	17.64
	65	283.7	9.41	337.0	11.45	380.2	13.59	386.0	14.71	390.3	15.77	404.4	18.15	414.6	18.29
	70	283.7	9.06	337.0	11.00	373.0	13.55	377.3	14.90	383.1	16.35	397.1	18.17	407.3	18.34
	75	283.7	9.28	337.0	11.73	367.3	14.49	371.5	15.99	377.3	17.53	391.3	19.03	401.4	19.16
	80	283.7	10.56	337.0	13.36	357.2	16.58	361.5	18.30	367.3	20.11	381.1	20.66	391.3	20.83
	85	283.7	11.23	337.0	14.26	351.4	17.71	357.2	19.53	361.5	21.33	375.3	21.52	385.5	21.70
	90	283.7	12.73	331.2	16.22	341.3	20.11	345.7	22.24	351.4	23.01	365.1	23.19	375.3	23.42
	95	286.7	13.50	328.9	17.25	339.2	21.47	344.9	23.73	349.3	23.82	363.1	24.05	373.4	24.28
	100	286.7	14.61	323.1	18.67	333.4	23.27	339.2	24.98	343.5	25.12	358.7	25.35	369.0	25.58
	105	286.7	16.47	314.5	21.12	324.6	26.25	329.6	26.86	334.7	27.00	346.2	27.25	351.3	27.50
	110	286.7	18.49	301.4	23.80	314.0	28.63	315.0	28.78	319.7	28.87	326.4	29.16	327.6	29.43
	115	285.3	21.40	290.5	27.37	290.5	30.18	290.5	30.18	290.5	30.18	294.7	30.24	296.0	30.29
	118	248.0	18.13	252.6	23.19	252.9	25.39	252.9	25.61	252.9	25.61	256.5	25.66	255.5	25.71
	122	198.2	13.75	202.5	17.63	201.6	19.33	202.1	19.37	202.5	19.39	206.0	19.45	205.7	19.53
120%	-9.9	258.1	6.25	308.1	7.57	358.1	8.97	383.7	9.67	400.8	10.42	419.0	11.96	427.7	12.35
	-5	258.1	6.59	308.1	7.99	358.1	9.46	383.7	10.20	400.8	11.00	419.0	12.61	427.7	13.04
	0	258.1	6.86	308.1	8.31	358.1	9.84	383.7	10.61	400.8	11.45	419.0	13.12	427.7	13.56
	5	258.1	7.11	308.1	8.62	358.1	10.20	383.7	11.00	400.8	11.86	419.0	13.60	427.7	14.06
	10	258.1	7.31	308.1	8.86	358.1	10.49	383.7	11.31	400.8	12.20	419.0	13.99	427.7	14.46
	14	258.1	7.58	308.1	9.18	358.1	10.87	383.7	11.73	400.8	12.65	419.0	14.49	427.7	14.98
	20	258.1	7.69	308.1	9.32	358.1	11.03	383.7	11.91	400.8	12.82	419.0	14.71	427.7	15.20
	25	258.1	7.80	308.1	9.44	358.1	11.16	383.7	12.05	400.8	12.97	419.0	14.87	427.7	15.38
	30	258.1	7.89	308.1	9.55	358.1	11.29	383.7	12.20	400.8	13.12	419.0	15.04	427.7	15.57
	35	258.1	8.00	308.1	9.66	358.1	11.43	383.7	12.36	400.8	13.28	419.0	15.22	427.7	15.76
	40	258.1	8.09	308.1	9.79	358.1	11.58	383.7	12.51	400.8	13.45	419.0	15.42	427.7	15.96
	45	258.1	8.19	308.1	9.90	358.1	11.70	383.7	12.66	400.8	13.60	419.0	15.58	427.7	16.14
	50	258.1	8.27	308.1	10.01	358.1	11.84	383.7	12.79	400.8	13.75	419.0	15.77	427.7	16.31
	55	258.1	8.41	308.1	10.19	358.1	12.07	383.7	13.08	396.5	14.03	413.2	16.04	423.4	16.43
	60	258.1	8.69	308.1	10.56	358.1	12.57	380.9	13.57	385.1	14.57	403.0	16.54	411.8	16.83
	65	258.1	8.86	308.1	10.79	358.1	12.79	375.1	13.85	380.9	14.85	397.2	17.09	407.3	17.23
	70	258.1	8.70	308.1	10.57	358.1	13.00	368.0	14.30	372.3	15.70	389.9	17.44	398.7	17.61
	75	258.1	8.92	308.1	11.26	358.1	13.91	362.3	15.35	368.0	16.83	384.1	18.26	394.3	18.40
	80	258.1	10.13	308.1	12.82	348.1	15.92	352.3	17.56	356.6	19.31	374.0	19.83	382.6	20.00
	85	258.1	10.79	308.1	13.70	342.3	17.00	346.7	18.75	352.3	20.48	368.1	20.66	378.3	20.83
	90	258.1	12.22	308.1	15.57	332.4	19.31	336.7	21.35	340.9	22.09	357.9	22.26	366.6	22.48
	95	260.9	12.96	311.4	16.57	330.1	20.61	334.4	22.79	340.2	22.87	355.8	23.09	366.1	23.31
	100	260.9	14.02	311.4	17.91	324.3	22.34	330.1	23.98	334.4	24.11	351.4	24.34	360.2	24.55
	105	260.9	15.80	306.4	20.28	315.7	25.21	320.8	25.78	325.0	25.93	341.2	26.15	346.8	26.40
	110	260.9	17.75	298.6	22.84	308.3	27.49	309.2	27.62	313.8	27.72	323.6	27.99	324.8	28.26
	115	253.7	20.54	287.6	26.28	287.6	28.98	287.6	28.98	287.6	28.98	294.7	29.03	296.1	29.08
	118	226.5	18.13	250.2	22.26	250.5	24.36	250.5	24.59	250.5	24.59	256.7	24.63	255.5	24.67
	122	181.0	13.75	200.6	16.93	199.6	18.55	200.1	18.60	200.6	18.61	206.1	18.67	205.7	18.75

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 heat recovery system synchronous operating range.
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).

COOLING CAPACITY DATA



ARUM312CTE5

312,000 Btu/h 575V Outdoor 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
110%		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
	-9.9	239.3	5.75	285.4	6.94	331.5	8.23	354.6	8.92	377.7	9.55	416.1	10.90	424.9	11.30
	-5	239.3	6.07	285.4	7.32	331.5	8.67	354.6	9.40	377.7	10.07	416.1	11.50	424.9	11.93
	0	239.3	6.32	285.4	7.61	331.5	9.02	354.6	9.78	377.7	10.48	416.1	11.96	424.9	12.40
	5	239.3	6.54	285.4	7.89	331.5	9.36	354.6	10.14	377.7	10.87	416.1	12.39	424.9	12.86
	10	239.3	6.73	285.4	8.12	331.5	9.63	354.6	10.44	377.7	11.18	416.1	12.75	424.9	13.23
	14	239.3	6.98	285.4	8.42	331.5	9.97	354.6	10.81	377.7	11.58	416.1	13.21	424.9	13.71
	20	239.3	7.07	285.4	8.55	331.5	10.13	354.6	10.96	377.7	11.76	416.1	13.44	424.9	13.92
	25	239.3	7.16	285.4	8.66	331.5	10.25	354.6	11.08	377.7	11.91	416.1	13.63	424.9	14.10
	30	239.3	7.25	285.4	8.77	331.5	10.37	354.6	11.22	377.7	12.05	416.1	13.82	424.9	14.28
	35	239.3	7.35	285.4	8.89	331.5	10.52	354.6	11.38	377.7	12.23	416.1	14.02	424.9	14.51
	40	239.3	7.46	285.4	9.02	331.5	10.67	354.6	11.53	377.7	12.40	416.1	14.21	424.9	14.68
	45	239.3	7.58	285.4	9.16	331.5	10.84	354.6	11.72	377.7	12.61	416.1	14.45	424.9	14.94
	50	239.3	7.70	285.4	9.32	331.5	11.02	354.6	11.92	377.7	12.81	416.1	14.68	424.9	15.17
	55	239.3	7.83	285.4	9.49	331.5	11.23	354.6	12.17	377.7	13.06	410.2	14.94	419.0	15.31
	60	239.3	8.08	285.4	9.83	331.5	11.70	354.6	12.63	377.7	13.58	400.0	15.41	408.8	15.54
	65	239.3	8.26	285.4	10.05	331.5	11.92	354.6	12.89	377.7	13.83	394.0	15.92	402.9	16.04
	70	239.3	8.34	285.4	10.13	331.5	12.47	354.6	13.72	370.5	15.06	386.7	16.72	395.5	16.89
	75	239.3	8.55	285.4	10.80	331.5	13.35	354.6	14.72	364.7	16.13	380.8	17.51	389.6	17.64
	80	236.9	9.71	282.5	12.30	328.2	15.26	346.7	16.85	351.0	18.52	366.7	19.02	375.4	19.18
	85	236.9	10.34	282.5	13.13	328.2	16.30	341.0	17.97	345.2	19.64	360.9	19.81	369.6	19.97
	90	236.9	11.72	282.5	14.92	326.7	18.52	331.0	20.47	335.3	21.18	350.7	21.35	359.5	21.56
	95	236.9	12.43	282.5	15.89	321.0	19.76	325.3	21.85	329.6	21.93	344.9	22.14	353.6	22.34
	100	236.9	13.45	282.5	17.18	316.8	21.43	321.0	22.99	325.3	23.12	340.6	23.34	349.3	23.54
	105	236.9	15.16	282.5	19.43	306.9	24.17	311.1	24.74	315.3	24.86	330.5	25.08	339.0	25.32
	110	236.9	17.02	282.5	21.91	297.4	26.36	298.3	26.49	302.6	26.57	312.1	26.84	313.3	27.10
	115	236.9	19.70	282.5	25.20	284.7	27.78	284.7	27.78	286.0	27.78	291.8	27.84	293.1	27.89
	118	228.8	17.95	245.7	21.35	247.9	23.37	247.9	23.58	249.0	23.58	254.0	23.62	252.9	23.66
	122	182.9	13.62	197.0	16.23	197.6	17.79	198.0	17.83	199.5	17.85	204.0	17.90	203.6	17.98
100%		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	-9.9	210.3	5.06	250.7	6.10	291.1	7.23	312.0	7.88	342.9	8.54	384.5	9.84	406.0	10.25
	-5	210.3	5.33	250.7	6.44	291.1	7.64	312.0	8.32	342.9	9.00	384.5	10.38	406.0	10.81
	0	210.3	5.55	250.7	6.71	291.1	7.94	312.0	8.66	342.9	9.36	384.5	10.80	406.0	11.25
	5	210.3	5.75	250.7	6.95	291.1	8.23	312.0	8.97	342.9	9.71	384.5	11.19	406.0	11.66
	10	210.3	5.92	250.7	7.15	291.1	8.47	312.0	9.23	342.9	9.98	384.5	11.52	406.0	12.00
	14	210.3	6.14	250.7	7.41	291.1	8.78	312.0	9.56	342.9	10.34	384.5	11.93	406.0	12.43
	20	210.3	6.33	250.7	7.65	291.1	9.05	312.0	9.83	342.9	10.68	384.5	12.28	406.0	12.78
	25	210.3	6.49	250.7	7.85	291.1	9.28	312.0	10.06	342.9	10.95	384.5	12.58	406.0	13.08
	30	210.3	6.65	250.7	8.04	291.1	9.52	312.0	10.29	342.9	11.22	384.5	12.86	406.0	13.37
	35	210.3	6.75	250.7	8.18	291.1	9.67	312.0	10.45	342.9	11.41	384.5	13.08	406.0	13.60
	40	210.3	6.87	250.7	8.31	291.1	9.82	312.0	10.61	342.9	11.58	384.5	13.28	406.0	13.81
	45	210.3	7.02	250.7	8.49	291.1	10.02	312.0	10.84	342.9	11.82	384.5	13.56	406.0	14.10
	50	210.3	7.15	250.7	8.65	291.1	10.23	312.0	11.06	342.9	12.07	384.5	13.83	406.0	14.38
	55	210.3	7.27	250.7	8.81	291.1	10.43	312.0	11.30	342.9	12.31	384.5	14.07	401.7	14.60
	60	210.3	7.50	250.7	9.13	291.1	10.87	312.0	11.73	342.9	12.79	383.1	14.52	390.3	14.86
	65	210.3	7.66	250.7	9.32	291.1	11.06	312.0	11.97	342.9	13.04	377.3	14.99	385.9	15.30
	70	210.3	7.90	250.7	9.60	291.1	11.81	312.0	13.00	342.9	14.48	370.1	16.08	377.3	16.36
	75	210.3	8.10	250.7	10.23	291.1	12.64	312.0	13.94	342.9	15.52	364.4	16.84	373.0	17.05
	80	210.3	9.20	250.7	11.65	291.1	14.46	312.0	15.96	342.9	17.80	354.3	18.29	361.5	18.53
	85	210.3	9.79	250.7	12.44	291.1	15.45	312.0	17.02	341.5	18.88	348.7	19.04	357.2	19.30
	90	210.3	11.10	250.7	14.14	291.1	17.54	312.0	19.39	329.9	20.36	338.6	20.53	345.8	20.83
	95	210.3	11.77	250.7	15.06	291.1	18.72	312.0	20.70	325.7	21.09	332.8	21.29	341.5	21.60
	100	210.3	12.71	250.7	16.24	291.1	20.25	306.4	21.74	320.1	22.18	328.5	22.38	335.8	22.71
	105	210.3	14.29	250.7	18.30	289.5	22.77	298.0	23.29	310.4	23.76	318.5	23.97	326.3	24.30
	110	210.3	15.96	250.7	20.55	286.2	24.71	292.6	24.84	298.6	25.29	303.3	25.55	308.8	25.91
	115	210.3	18.34	250.7	23.46	272.4	25.87	280.8	25.87	287.9	26.26	290.5	26.31	291.8	26.49
	118	210.3	18.50	220.0	22.01	237.2	21.76	244.5	21.95	250.6	22.29	252.9	22.33	251.9	22.48
	122	180.0	16.75	176.4	16.74	189.1	16.57	195.3	16.61	200.8	16.87	203.1	16.93	202.8	17.08

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 heat recovery system synchronous operating range.
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).

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	189.4	4.51	225.6	5.41	263.3	6.38	281.4	6.87	299.4	7.34	335.7	8.46	371.9	9.28
	-5	189.4	4.77	225.6	5.71	263.3	6.75	281.4	7.25	299.4	7.74	335.7	8.93	371.9	9.79
	0	189.4	4.96	225.6	5.94	263.3	7.02	281.4	7.54	299.4	8.06	335.7	9.28	371.9	10.19
	5	189.4	5.13	225.6	6.15	263.3	7.27	281.4	7.81	299.4	8.35	335.7	9.62	371.9	10.56
	10	189.4	5.28	225.6	6.33	263.3	7.48	281.4	8.04	299.4	8.59	335.7	9.90	371.9	10.87
	14	189.4	5.47	225.6	6.56	263.3	7.74	281.4	8.34	299.4	8.90	335.7	10.26	371.9	11.26
	20	189.4	5.67	225.6	6.81	263.3	8.04	281.4	8.66	299.4	9.28	335.7	10.63	371.9	11.69
	25	189.4	5.83	225.6	7.02	263.3	8.28	281.4	8.92	299.4	9.59	335.7	10.93	371.9	12.05
	30	189.4	6.01	225.6	7.22	263.3	8.52	281.4	9.19	299.4	9.90	335.7	11.23	371.9	12.40
	35	189.4	6.19	225.6	7.45	263.3	8.78	281.4	9.46	299.4	10.18	335.7	11.57	371.9	12.79
	40	189.4	6.37	225.6	7.66	263.3	9.04	281.4	9.75	299.4	10.49	335.7	11.92	371.9	13.16
	45	189.4	6.52	225.6	7.85	263.3	9.25	281.4	9.98	299.4	10.75	335.7	12.19	371.9	13.48
	50	189.4	6.67	225.6	8.01	263.3	9.46	281.4	10.20	299.4	10.98	335.7	12.47	371.9	13.77
	55	189.4	6.75	225.6	8.15	263.3	9.62	281.4	10.41	299.4	11.19	335.7	12.71	371.9	13.90
	60	189.4	6.99	225.6	8.47	263.3	9.99	281.4	10.81	299.4	11.64	335.7	13.21	368.8	14.06
	65	189.4	7.11	225.6	8.63	263.3	10.20	281.4	11.02	299.4	11.84	335.7	13.45	366.3	14.76
	70	189.4	7.32	225.6	8.89	263.3	10.57	281.4	11.64	299.4	12.71	335.7	15.00	359.4	15.85
	75	189.4	7.45	225.6	9.29	263.3	11.31	281.4	12.46	299.4	13.66	335.7	15.65	353.8	16.56
	80	189.4	8.35	225.6	10.53	263.3	12.91	281.4	14.22	299.4	15.58	335.7	17.31	344.1	18.01
	85	189.4	8.89	225.6	11.23	263.3	13.82	281.4	15.18	299.4	16.66	331.5	18.22	338.4	18.75
	90	189.4	10.03	225.6	12.71	263.3	15.66	281.4	17.27	299.4	18.96	321.8	19.94	328.7	20.24
	95	189.4	10.69	225.6	13.49	263.3	16.70	281.4	18.42	299.4	20.23	316.2	20.70	323.1	20.98
	100	189.4	11.04	225.6	14.06	263.3	17.39	281.4	19.15	299.4	20.67	312.0	21.59	317.6	21.83
	105	189.4	12.79	225.6	16.31	263.3	19.66	281.4	20.97	296.1	22.17	302.3	23.14	306.4	23.43
	110	189.4	14.69	225.6	18.81	263.3	21.57	281.4	22.64	284.1	24.04	287.9	24.86	290.2	25.14
	115	189.4	15.92	225.6	20.39	246.6	22.72	266.8	23.69	270.5	24.81	273.1	25.35	274.3	25.67
	118	189.4	16.90	220.0	22.01	214.6	19.10	232.3	20.10	235.6	21.05	237.8	21.51	236.8	21.79
	122	180.0	16.75	176.4	16.74	171.0	14.54	185.6	15.20	188.7	15.93	190.9	16.31	190.5	16.55
80%	-9.9	168.6	3.91	200.6	4.71	234.0	5.47	249.3	5.94	266.1	6.41	298.1	7.31	330.1	8.15
	-5	168.6	4.12	200.6	4.97	234.0	5.77	249.3	6.26	266.1	6.76	298.1	7.72	330.1	8.59
	0	168.6	4.29	200.6	5.17	234.0	6.01	249.3	6.52	266.1	7.03	298.1	8.03	330.1	8.94
	5	168.6	4.44	200.6	5.36	234.0	6.22	249.3	6.76	266.1	7.29	298.1	8.32	330.1	9.27
	10	168.6	4.58	200.6	5.51	234.0	6.40	249.3	6.95	266.1	7.50	298.1	8.56	330.1	9.54
	14	168.6	4.74	200.6	5.71	234.0	6.64	249.3	7.21	266.1	7.77	298.1	8.87	330.1	9.88
	20	168.6	4.92	200.6	5.91	234.0	6.90	249.3	7.47	266.1	8.04	298.1	9.19	330.1	10.26
	25	168.6	5.08	200.6	6.09	234.0	7.12	249.3	7.70	266.1	8.26	298.1	9.46	330.1	10.57
	30	168.6	5.22	200.6	6.25	234.0	7.34	249.3	7.92	266.1	8.48	298.1	9.72	330.1	10.90
	35	168.6	5.36	200.6	6.44	234.0	7.56	249.3	8.13	266.1	8.71	298.1	9.99	330.1	11.20
	40	168.6	5.51	200.6	6.60	234.0	7.75	249.3	8.36	266.1	8.95	298.1	10.26	330.1	11.50
	45	168.6	5.59	200.6	6.68	234.0	7.87	249.3	8.49	266.1	9.06	298.1	10.41	330.1	11.65
	50	168.6	5.67	200.6	6.79	234.0	7.96	249.3	8.59	266.1	9.20	298.1	10.55	330.1	11.81
	55	168.6	5.75	200.6	6.90	234.0	8.11	249.3	8.74	266.1	9.37	298.1	10.75	330.1	12.01
	60	168.6	5.95	200.6	7.13	234.0	8.39	249.3	9.05	266.1	9.75	298.1	11.12	330.1	12.51
	65	168.6	6.03	200.6	7.27	234.0	8.57	249.3	9.23	266.1	9.95	298.1	11.33	330.1	12.79
	70	168.6	6.21	200.6	7.47	234.0	8.82	249.3	9.52	266.1	10.36	298.1	12.22	330.1	14.14
	75	168.6	6.33	200.6	7.62	234.0	9.25	249.3	10.15	266.1	11.04	298.1	13.00	330.1	14.91
	80	168.6	6.92	200.6	8.66	234.0	10.55	249.3	11.53	266.1	12.59	298.1	14.95	330.1	16.66
	85	168.6	7.39	200.6	9.20	234.0	11.24	249.3	12.31	266.1	13.48	298.1	15.93	330.1	17.09
	90	168.6	8.31	200.6	10.44	234.0	12.71	249.3	13.97	266.1	15.33	298.1	17.51	324.7	18.11
	95	168.6	8.82	200.6	11.04	234.0	13.57	249.3	14.84	266.1	16.30	298.1	18.11	317.8	18.61
	100	168.6	9.52	200.6	11.90	234.0	14.64	249.3	15.89	266.1	16.94	298.1	18.86	310.6	19.21
	105	168.6	10.84	200.6	13.62	234.0	16.29	249.3	17.05	266.1	18.17	294.5	19.61	301.7	20.16
	110	168.6	12.31	200.6	15.53	234.0	17.28	249.3	18.22	266.1	19.58	284.1	20.32	285.6	21.20
	115	168.6	13.17	200.6	16.59	234.0	17.86	249.3	19.15	249.3	20.04	250.9	20.78	250.9	22.05
	118	168.6	13.98	200.6	17.63	214.6	19.10	219.0	18.17	217.1	17.00	218.4	17.64	216.5	18.71
	122	168.6	15.11	176.9	16.63	171.0	14.54	174.9	13.75	173.9	12.87	175.4	13.37	174.3	14.21

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 heat recovery system synchronous operating range.
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).

COOLING CAPACITY DATA



ARUM312CTE5

312,000 Btu/h 575V Outdoor Units

MULTI V 5 Outdoor Unit Performance Data Manual

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	147.6	3.45	175.5	4.11	204.8	4.82	218.7	5.17	232.6	5.51	260.4	6.30	289.7	7.06
	-5	147.6	3.64	175.5	4.32	204.8	5.09	218.7	5.45	232.6	5.81	260.4	6.65	289.7	7.45
	0	147.6	3.79	175.5	4.50	204.8	5.29	218.7	5.67	232.6	6.05	260.4	6.92	289.7	7.74
	5	147.6	3.93	175.5	4.67	204.8	5.49	218.7	5.87	232.6	6.26	260.4	7.18	289.7	8.03
	10	147.6	4.04	175.5	4.80	204.8	5.65	218.7	6.05	232.6	6.44	260.4	7.38	289.7	8.26
	14	147.6	4.19	175.5	4.97	204.8	5.86	218.7	6.26	232.6	6.68	260.4	7.65	289.7	8.56
	20	147.6	4.33	175.5	5.14	204.8	6.03	218.7	6.48	232.6	6.91	260.4	7.89	289.7	8.85
	25	147.6	4.45	175.5	5.28	204.8	6.19	218.7	6.64	232.6	7.10	260.4	8.09	289.7	9.09
	30	147.6	4.57	175.5	5.41	204.8	6.34	218.7	6.82	232.6	7.29	260.4	8.30	289.7	9.33
	35	147.6	4.70	175.5	5.56	204.8	6.52	218.7	7.00	232.6	7.49	260.4	8.51	289.7	9.59
	40	147.6	4.81	175.5	5.71	204.8	6.68	218.7	7.18	232.6	7.68	260.4	8.74	289.7	9.82
	45	147.6	4.89	175.5	5.79	204.8	6.79	218.7	7.31	232.6	7.80	260.4	8.88	289.7	9.98
	50	147.6	4.97	175.5	5.90	204.8	6.90	218.7	7.42	232.6	7.93	260.4	9.02	289.7	10.15
	55	147.6	5.06	175.5	6.01	204.8	7.02	218.7	7.53	232.6	8.08	260.4	9.20	289.7	10.36
	60	147.6	5.20	175.5	6.21	204.8	7.27	218.7	7.82	232.6	8.36	260.4	9.55	289.7	10.75
	65	147.6	5.29	175.5	6.33	204.8	7.39	218.7	7.96	232.6	8.54	260.4	9.72	289.7	10.92
	70	147.6	5.43	175.5	6.49	204.8	7.62	218.7	8.19	232.6	8.80	260.4	10.06	289.7	11.61
	75	147.6	5.52	175.5	6.61	204.8	7.76	218.7	8.48	232.6	9.20	260.4	10.75	289.7	12.30
	80	147.6	5.95	175.5	7.30	204.8	8.82	218.7	9.63	232.6	10.44	260.4	11.89	289.7	13.64
	85	147.6	6.33	175.5	7.76	204.8	9.40	218.7	10.26	232.6	11.24	260.4	12.67	289.7	14.22
	90	147.6	7.10	175.5	8.77	204.8	10.64	218.7	11.61	232.6	12.71	260.4	14.13	289.7	15.43
	95	147.6	7.50	175.5	9.32	204.8	11.33	218.7	12.39	232.6	13.48	260.4	14.85	289.7	15.90
	100	147.6	8.11	175.5	10.06	204.8	12.22	218.7	13.37	232.6	13.89	260.4	15.54	289.7	16.35
	105	147.6	9.19	175.5	11.46	204.8	13.48	218.7	14.26	232.6	15.09	260.4	16.38	289.7	17.31
	110	147.6	10.36	175.5	13.00	204.8	14.26	218.7	15.12	232.6	16.36	260.4	17.05	289.7	18.61
	115	147.6	11.12	175.5	13.86	204.8	14.75	218.7	15.99	232.6	16.84	260.4	17.57	289.7	19.81
	118	147.6	11.81	175.5	14.72	204.8	15.66	218.7	16.94	211.6	16.84	218.4	14.91	216.5	16.81
	122	147.6	12.74	175.5	15.95	182.7	14.96	174.8	13.93	169.6	12.74	175.4	11.30	174.3	12.77
60%	-9.9	126.8	2.99	150.4	3.47	175.5	4.08	186.6	4.35	199.2	4.69	224.3	5.31	247.9	5.94
	-5	126.8	3.15	150.4	3.66	175.5	4.30	186.6	4.59	199.2	4.94	224.3	5.60	247.9	6.26
	0	126.8	3.29	150.4	3.81	175.5	4.47	186.6	4.78	199.2	5.15	224.3	5.83	247.9	6.52
	5	126.8	3.41	150.4	3.95	175.5	4.63	186.6	4.96	199.2	5.33	224.3	6.05	247.9	6.75
	10	126.8	3.50	150.4	4.07	175.5	4.77	186.6	5.10	199.2	5.49	224.3	6.21	247.9	6.95
	14	126.8	3.62	150.4	4.21	175.5	4.94	186.6	5.28	199.2	5.68	224.3	6.44	247.9	7.20
	20	126.8	3.74	150.4	4.36	175.5	5.10	186.6	5.47	199.2	5.87	224.3	6.65	247.9	7.45
	25	126.8	3.83	150.4	4.50	175.5	5.24	186.6	5.62	199.2	6.02	224.3	6.83	247.9	7.66
	30	126.8	3.92	150.4	4.62	175.5	5.37	186.6	5.78	199.2	6.18	224.3	7.00	247.9	7.87
	35	126.8	4.01	150.4	4.74	175.5	5.51	186.6	5.92	199.2	6.33	224.3	7.18	247.9	8.07
	40	126.8	4.12	150.4	4.86	175.5	5.66	186.6	6.07	199.2	6.50	224.3	7.38	247.9	8.28
	45	126.8	4.16	150.4	4.90	175.5	5.70	186.6	6.13	199.2	6.56	224.3	7.43	247.9	8.34
	50	126.8	4.20	150.4	4.94	175.5	5.75	186.6	6.18	199.2	6.61	224.3	7.50	247.9	8.42
	55	126.8	4.26	150.4	5.04	175.5	5.86	186.6	6.30	199.2	6.73	224.3	7.65	247.9	8.57
	60	126.8	4.40	150.4	5.20	175.5	6.06	186.6	6.53	199.2	6.99	224.3	7.91	247.9	8.91
	65	126.8	4.46	150.4	5.29	175.5	6.18	186.6	6.64	199.2	7.10	224.3	8.08	247.9	9.09
	70	126.8	4.57	150.4	5.43	175.5	6.36	186.6	6.81	199.2	7.30	224.3	8.31	247.9	9.43
	75	126.8	4.66	150.4	5.52	175.5	6.47	186.6	6.96	199.2	7.53	224.3	8.80	247.9	10.05
	80	126.8	4.94	150.4	6.03	175.5	7.25	186.6	7.91	199.2	8.57	224.3	9.86	247.9	11.35
	85	126.8	5.26	150.4	6.41	175.5	7.70	186.6	8.42	199.2	9.17	224.3	10.37	247.9	11.72
	90	126.8	5.90	150.4	7.25	175.5	8.71	186.6	9.52	199.2	10.30	224.3	11.60	247.9	12.78
	95	126.8	6.24	150.4	7.68	175.5	9.25	186.6	10.15	199.2	10.91	224.3	12.12	247.9	13.45
	100	126.8	6.69	150.4	8.25	175.5	9.98	186.6	10.92	199.2	11.39	224.3	12.86	247.9	14.03
	105	126.8	7.62	150.4	9.40	175.5	11.02	186.6	11.65	199.2	12.40	224.3	13.66	247.9	15.30
	110	126.8	8.57	150.4	10.67	175.5	11.88	186.6	12.36	199.2	13.40	224.3	14.61	247.9	16.69
	115	126.8	9.17	150.4	11.38	175.5	12.35	186.6	13.08	199.2	13.87	224.3	15.45	247.9	17.83
	118	126.8	9.71	150.4	12.07	175.5	13.11	186.6	13.90	199.2	14.76	218.4	14.91	216.5	16.81
	122	126.8	10.47	150.4	13.05	175.5	14.20	174.3	14.10	168.7	13.05	175.4	11.30	174.3	12.77

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 heat recovery system synchronous operating range.
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).

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	2.57	125.4	3.03	146.3	3.39	156.0	3.65	165.8	3.93	186.6	4.36	206.1	4.83
	-5	105.3	2.72	125.4	3.19	146.3	3.57	156.0	3.85	165.8	4.15	186.6	4.60	206.1	5.10
	0	105.3	2.83	125.4	3.33	146.3	3.72	156.0	4.00	165.8	4.31	186.6	4.78	206.1	5.31
	5	105.3	2.92	125.4	3.45	146.3	3.85	156.0	4.15	165.8	4.47	186.6	4.96	206.1	5.50
	10	105.3	3.02	125.4	3.54	146.3	3.96	156.0	4.27	165.8	4.59	186.6	5.10	206.1	5.66
	14	105.3	3.12	125.4	3.68	146.3	4.11	156.0	4.43	165.8	4.77	186.6	5.29	206.1	5.86
	20	105.3	3.23	125.4	3.78	146.3	4.28	156.0	4.59	165.8	4.92	186.6	5.48	206.1	6.09
	25	105.3	3.33	125.4	3.88	146.3	4.42	156.0	4.72	165.8	5.05	186.6	5.64	206.1	6.27
	30	105.3	3.43	125.4	3.97	146.3	4.56	156.0	4.85	165.8	5.18	186.6	5.80	206.1	6.46
	35	105.3	3.52	125.4	4.08	146.3	4.67	156.0	4.98	165.8	5.32	186.6	5.97	206.1	6.63
	40	105.3	3.61	125.4	4.19	146.3	4.80	156.0	5.10	165.8	5.45	186.6	6.10	206.1	6.80
	45	105.3	3.66	125.4	4.24	146.3	4.86	156.0	5.17	165.8	5.52	186.6	6.19	206.1	6.89
	50	105.3	3.72	125.4	4.31	146.3	4.94	156.0	5.25	165.8	5.61	186.6	6.28	206.1	6.99
	55	105.3	3.80	125.4	4.39	146.3	5.02	156.0	5.33	165.8	5.68	186.6	6.40	206.1	7.11
	60	105.3	3.87	125.4	4.50	146.3	5.17	156.0	5.53	165.8	5.89	186.6	6.60	206.1	7.39
	65	105.3	3.91	125.4	4.58	146.3	5.25	156.0	5.61	165.8	5.97	186.6	6.72	206.1	7.50
	70	105.3	4.03	125.4	4.66	146.3	5.37	156.0	5.77	165.8	6.13	186.6	6.91	206.1	7.74
	75	105.3	4.07	125.4	4.74	146.3	5.49	156.0	5.85	165.8	6.24	186.6	7.03	206.1	7.90
	80	105.3	4.19	125.4	5.02	146.3	5.89	156.0	6.36	165.8	6.83	186.6	7.86	206.1	8.97
	85	105.3	4.46	125.4	5.29	146.3	6.24	156.0	6.76	165.8	7.27	186.6	8.38	206.1	9.56
	90	105.3	4.98	125.4	5.93	146.3	7.03	156.0	7.58	165.8	8.18	186.6	9.44	206.1	10.83
	95	105.3	5.25	125.4	6.28	146.3	7.42	156.0	8.06	165.8	8.69	186.6	10.03	206.1	11.50
	100	105.3	5.53	125.4	6.64	146.3	7.86	156.0	8.54	165.8	9.20	186.6	10.67	206.1	12.20
	105	105.3	6.05	125.4	7.33	146.3	8.70	156.0	9.42	165.8	10.18	186.6	11.82	206.1	13.58
	110	105.3	6.68	125.4	8.10	146.3	9.64	156.0	10.47	165.8	11.34	186.6	13.20	206.1	15.17
	115	105.3	7.15	125.4	8.69	146.3	10.36	156.0	11.26	165.8	12.20	186.6	14.22	206.1	16.35
	118	105.3	7.73	125.4	9.43	146.3	11.25	156.0	12.24	165.8	13.29	186.6	14.91	206.1	16.81
	122	105.3	8.52	125.4	10.42	146.3	12.44	156.0	13.59	165.8	13.05	175.4	11.30	174.3	12.77

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 heat recovery system synchronous operating range.
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).

COOLING CAPACITY DATA



ARUM336CTE5

336,000 Btu/h 575V Outdoor Units

MULTI V 5 Outdoor Unit Performance Data Manual

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	7.39	362.9	8.97	421.9	10.65	437.4	11.49	443.6	12.40	459.0	14.21	469.9	14.68
	-5	305.5	7.80	362.9	9.47	421.9	11.24	437.4	12.12	443.6	13.08	459.0	14.99	469.9	15.49
	0	305.5	8.11	362.9	9.85	421.9	11.69	437.4	12.62	443.6	13.61	459.0	15.60	469.9	16.12
	5	305.5	8.41	362.9	10.21	421.9	12.12	437.4	13.07	443.6	14.11	459.0	16.17	469.9	16.71
	10	305.5	8.65	362.9	10.50	421.9	12.47	437.4	13.45	443.6	14.51	459.0	16.63	469.9	17.19
	14	305.5	8.97	362.9	10.88	421.9	12.92	437.4	13.94	443.6	15.04	459.0	17.23	469.9	17.80
	20	305.5	9.12	362.9	11.06	421.9	13.10	437.4	14.15	443.6	15.25	459.0	17.47	469.9	18.07
	25	305.5	9.25	362.9	11.20	421.9	13.26	437.4	14.33	443.6	15.42	459.0	17.67	469.9	18.28
	30	305.5	9.38	362.9	11.34	421.9	13.42	437.4	14.51	443.6	15.59	459.0	17.88	469.9	18.49
	35	305.5	9.48	362.9	11.49	421.9	13.58	437.4	14.66	443.6	15.79	459.0	18.09	469.9	18.72
	40	305.5	9.60	362.9	11.61	421.9	13.74	437.4	14.86	443.6	15.97	459.0	18.30	469.9	18.94
	45	305.5	9.70	362.9	11.73	421.9	13.89	437.4	15.01	443.6	16.12	459.0	18.49	469.9	19.13
	50	305.5	9.80	362.9	11.85	421.9	14.02	437.4	15.16	443.6	16.30	459.0	18.67	469.9	19.32
	55	305.5	9.96	362.9	12.08	421.9	14.29	431.2	15.49	437.4	16.62	452.7	19.00	463.7	19.46
	60	305.5	10.29	362.9	12.50	415.7	14.89	421.6	16.08	426.5	17.26	441.8	19.59	452.7	19.68
	65	305.5	10.50	362.9	12.77	409.4	15.16	415.7	16.40	420.3	17.59	435.5	20.25	446.4	20.40
	70	305.5	10.11	362.9	12.27	401.7	15.11	406.3	16.62	412.5	18.24	427.6	20.26	438.7	20.46
	75	305.5	10.35	362.9	13.09	395.6	16.17	400.1	17.83	406.3	19.56	421.4	21.22	432.3	21.38
	80	305.5	11.78	362.9	14.90	384.7	18.49	389.3	20.41	395.6	22.43	410.4	23.04	421.4	23.24
	85	305.5	12.53	362.9	15.91	378.5	19.76	384.7	21.78	389.3	23.80	404.1	24.00	415.2	24.20
	90	305.5	14.20	356.7	18.09	367.6	22.43	372.2	24.80	378.5	25.67	393.2	25.87	404.1	26.12
	95	308.8	15.05	354.2	19.25	365.2	23.95	371.5	26.47	376.2	26.58	391.1	26.83	402.1	27.08
	100	308.8	16.30	348.0	20.82	359.0	25.96	365.2	27.87	369.9	28.02	386.3	28.27	397.4	28.53
	105	308.8	18.37	338.7	23.56	349.5	29.28	355.0	29.96	360.4	30.12	372.9	30.39	378.3	30.68
	110	308.8	20.63	324.6	26.55	338.2	31.94	339.3	32.10	344.2	32.21	351.5	32.52	352.8	32.83
	115	307.2	23.87	312.8	30.53	312.8	33.67	312.8	33.67	312.8	33.67	317.3	33.73	318.7	33.79
	118	267.1	20.22	272.0	25.87	272.4	28.32	272.4	28.57	272.4	28.57	276.3	28.62	275.2	28.68
	122	213.4	15.34	218.1	19.67	217.1	21.56	217.6	21.60	218.1	21.63	221.8	21.69	221.5	21.78
120%	-9.9	278.0	6.97	331.8	8.44	385.6	10.00	413.2	10.79	431.7	11.63	451.3	13.34	460.6	13.78
	-5	278.0	7.35	331.8	8.91	385.6	10.55	413.2	11.37	431.7	12.27	451.3	14.06	460.6	14.54
	0	278.0	7.65	331.8	9.27	385.6	10.98	413.2	11.84	431.7	12.77	451.3	14.63	460.6	15.13
	5	278.0	7.93	331.8	9.61	385.6	11.37	413.2	12.27	431.7	13.23	451.3	15.17	460.6	15.68
	10	278.0	8.16	331.8	9.89	385.6	11.70	413.2	12.62	431.7	13.61	451.3	15.61	460.6	16.13
	14	278.0	8.46	331.8	10.25	385.6	12.13	413.2	13.08	431.7	14.11	451.3	16.17	460.6	16.71
	20	278.0	8.58	331.8	10.40	385.6	12.30	413.2	13.28	431.7	14.30	451.3	16.40	460.6	16.96
	25	278.0	8.70	331.8	10.53	385.6	12.45	413.2	13.45	431.7	14.47	451.3	16.59	460.6	17.16
	30	278.0	8.80	331.8	10.65	385.6	12.59	413.2	13.61	431.7	14.63	451.3	16.78	460.6	17.36
	35	278.0	8.92	331.8	10.77	385.6	12.75	413.2	13.79	431.7	14.81	451.3	16.98	460.6	17.58
	40	278.0	9.03	331.8	10.92	385.6	12.92	413.2	13.96	431.7	15.01	451.3	17.20	460.6	17.80
	45	278.0	9.13	331.8	11.04	385.6	13.06	413.2	14.12	431.7	15.17	451.3	17.38	460.6	18.00
	50	278.0	9.23	331.8	11.16	385.6	13.20	413.2	14.27	431.7	15.34	451.3	17.59	460.6	18.19
	55	278.0	9.38	331.8	11.37	385.6	13.46	413.2	14.58	427.0	15.65	445.0	17.89	455.9	18.33
	60	278.0	9.69	331.8	11.78	385.6	14.02	410.2	15.14	414.7	16.26	434.0	18.45	443.5	18.78
	65	278.0	9.89	331.8	12.03	385.6	14.27	404.0	15.44	410.2	16.57	427.8	19.06	438.7	19.22
	70	278.0	9.70	331.8	11.79	385.6	14.50	396.3	15.96	400.9	17.51	419.9	19.45	429.3	19.65
	75	278.0	9.94	331.8	12.56	385.6	15.52	390.2	17.12	396.3	18.78	413.6	20.37	424.7	20.52
	80	278.0	11.30	331.8	14.30	374.9	17.76	379.4	19.59	384.1	21.54	402.7	22.11	412.1	22.31
	85	278.0	12.03	331.8	15.28	368.7	18.96	373.3	20.91	379.4	22.85	396.4	23.04	407.4	23.24
	90	278.0	13.63	331.8	17.37	357.9	21.54	362.6	23.81	367.1	24.64	385.5	24.83	394.8	25.07
	95	280.9	14.45	335.4	18.48	355.5	22.99	360.1	25.42	366.3	25.51	383.1	25.75	394.3	26.00
	100	280.9	15.64	335.4	19.98	349.2	24.92	355.5	26.75	360.1	26.89	378.5	27.15	387.9	27.39
	105	280.9	17.62	329.9	22.63	340.0	28.12	345.5	28.76	350.0	28.92	367.4	29.17	373.5	29.44
	110	280.9	19.80	321.5	25.48	332.0	30.66	333.0	30.81	337.9	30.92	348.4	31.22	349.8	31.52
	115	273.2	22.91	309.7	29.31	309.7	32.33	309.7	32.33	309.7	32.33	317.4	32.39	318.9	32.44
	118	243.9	20.22	269.4	24.83	269.7	27.18	269.7	27.43	269.7	27.43	276.4	27.48	275.2	27.52
	122	194.9	15.34	216.1	18.88	215.0	20.69	215.5	20.74	216.1	20.76	222.0	20.82	221.5	20.91

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 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).



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	257.7	6.41	307.4	7.74	357.0	9.18	381.9	9.94	406.8	10.65	448.1	12.15	457.6	12.61
	-5	257.7	6.77	307.4	8.17	357.0	9.68	381.9	10.49	406.8	11.24	448.1	12.83	457.6	13.31
	0	257.7	7.04	307.4	8.49	357.0	10.07	381.9	10.91	406.8	11.69	448.1	13.34	457.6	13.84
	5	257.7	7.30	307.4	8.80	357.0	10.44	381.9	11.31	406.8	12.12	448.1	13.82	457.6	14.35
	10	257.7	7.51	307.4	9.06	357.0	10.74	381.9	11.64	406.8	12.47	448.1	14.23	457.6	14.75
	14	257.7	7.78	307.4	9.39	357.0	11.12	381.9	12.06	406.8	12.92	448.1	14.74	457.6	15.29
	20	257.7	7.89	307.4	9.54	357.0	11.29	381.9	12.23	406.8	13.12	448.1	14.99	457.6	15.53
	25	257.7	7.99	307.4	9.66	357.0	11.43	381.9	12.36	406.8	13.28	448.1	15.20	457.6	15.73
	30	257.7	8.08	307.4	9.78	357.0	11.57	381.9	12.51	406.8	13.45	448.1	15.41	457.6	15.92
	35	257.7	8.20	307.4	9.92	357.0	11.73	381.9	12.69	406.8	13.64	448.1	15.64	457.6	16.18
	40	257.7	8.32	307.4	10.06	357.0	11.90	381.9	12.86	406.8	13.83	448.1	15.85	457.6	16.38
	45	257.7	8.46	307.4	10.22	357.0	12.09	381.9	13.07	406.8	14.06	448.1	16.12	457.6	16.66
	50	257.7	8.59	307.4	10.40	357.0	12.29	381.9	13.29	406.8	14.29	448.1	16.38	457.6	16.92
	55	257.7	8.73	307.4	10.59	357.0	12.53	381.9	13.58	406.8	14.57	441.8	16.66	451.3	17.08
	60	257.7	9.02	307.4	10.97	357.0	13.05	381.9	14.09	406.8	15.14	430.7	17.19	440.2	17.34
	65	257.7	9.21	307.4	11.21	357.0	13.29	381.9	14.38	406.8	15.43	424.4	17.76	433.8	17.89
	70	257.7	9.30	307.4	11.30	357.0	13.91	381.9	15.31	399.0	16.79	416.4	18.65	425.9	18.84
	75	257.7	9.54	307.4	12.05	357.0	14.89	381.9	16.42	392.8	18.00	410.1	19.53	419.6	19.68
	80	255.1	10.83	304.3	13.72	353.4	17.02	373.3	18.79	378.0	20.65	394.9	21.21	404.3	21.39
	85	255.1	11.54	304.3	14.65	353.4	18.18	367.2	20.04	371.8	21.90	388.7	22.10	398.1	22.28
	90	255.1	13.07	304.3	16.65	351.9	20.65	356.5	22.83	361.1	23.63	377.7	23.81	387.2	24.05
	95	255.1	13.86	304.3	17.72	345.7	22.04	350.3	24.37	355.0	24.46	371.5	24.70	380.8	24.92
	100	255.1	15.01	304.3	19.17	341.1	23.90	345.7	25.65	350.3	25.79	366.8	26.03	376.1	26.26
	105	255.1	16.91	304.3	21.68	330.5	26.97	335.1	27.60	339.6	27.73	355.9	27.97	365.1	28.24
	110	255.1	18.99	304.3	24.44	320.3	29.40	321.2	29.55	325.9	29.64	336.1	29.94	337.4	30.22
	115	255.1	21.98	304.3	28.11	306.6	30.99	306.6	30.99	308.0	30.99	314.2	31.05	315.6	31.11
	118	246.4	20.02	264.6	23.81	266.9	26.06	266.9	26.30	268.2	26.30	273.5	26.35	272.4	26.39
	122	196.9	15.19	212.2	18.10	212.8	19.84	213.3	19.89	214.8	19.91	219.6	19.97	219.3	20.05
100%	-9.9	226.5	5.65	270.0	6.81	313.5	8.07	336.0	8.79	369.3	9.52	414.1	10.98	437.3	11.43
	-5	226.5	5.95	270.0	7.18	313.5	8.52	336.0	9.28	369.3	10.04	414.1	11.58	437.3	12.06
	0	226.5	6.19	270.0	7.48	313.5	8.86	336.0	9.66	369.3	10.44	414.1	12.05	437.3	12.55
	5	226.5	6.42	270.0	7.75	313.5	9.18	336.0	10.00	369.3	10.83	414.1	12.49	437.3	13.01
	10	226.5	6.61	270.0	7.97	313.5	9.45	336.0	10.29	369.3	11.13	414.1	12.85	437.3	13.38
	14	226.5	6.85	270.0	8.26	313.5	9.79	336.0	10.67	369.3	11.54	414.1	13.31	437.3	13.87
	20	226.5	7.06	270.0	8.53	313.5	10.10	336.0	10.97	369.3	11.91	414.1	13.70	437.3	14.26
	25	226.5	7.24	270.0	8.76	313.5	10.35	336.0	11.22	369.3	12.21	414.1	14.03	437.3	14.59
	30	226.5	7.42	270.0	8.97	313.5	10.62	336.0	11.48	369.3	12.52	414.1	14.35	437.3	14.92
	35	226.5	7.53	270.0	9.12	313.5	10.79	336.0	11.66	369.3	12.72	414.1	14.59	437.3	15.17
	40	226.5	7.66	270.0	9.27	313.5	10.95	336.0	11.84	369.3	12.92	414.1	14.81	437.3	15.40
	45	226.5	7.83	270.0	9.47	313.5	11.18	336.0	12.10	369.3	13.19	414.1	15.13	437.3	15.73
	50	226.5	7.98	270.0	9.65	313.5	11.42	336.0	12.34	369.3	13.46	414.1	15.43	437.3	16.04
	55	226.5	8.11	270.0	9.83	313.5	11.63	336.0	12.60	369.3	13.73	414.1	15.70	432.6	16.28
	60	226.5	8.37	270.0	10.18	313.5	12.12	336.0	13.09	369.3	14.27	412.5	16.19	420.3	16.57
	65	226.5	8.55	270.0	10.40	313.5	12.34	336.0	13.35	369.3	14.54	406.3	16.72	415.6	17.06
	70	226.5	8.82	270.0	10.71	313.5	13.18	336.0	14.50	369.3	16.15	398.6	17.94	406.3	18.25
	75	226.5	9.03	270.0	11.42	313.5	14.10	336.0	15.55	369.3	17.31	392.5	18.78	401.7	19.02
	80	226.5	10.26	270.0	13.00	313.5	16.13	336.0	17.80	369.3	19.86	381.6	20.40	389.4	20.67
	85	226.5	10.92	270.0	13.88	313.5	17.23	336.0	18.99	367.7	21.06	375.5	21.24	384.7	21.53
	90	226.5	12.38	270.0	15.77	313.5	19.56	336.0	21.63	355.3	22.72	364.6	22.90	372.4	23.24
	95	226.5	13.13	270.0	16.79	313.5	20.88	336.0	23.09	350.8	23.53	358.4	23.75	367.7	24.09
	100	226.5	14.18	270.0	18.12	313.5	22.59	330.0	24.25	344.7	24.74	353.7	24.97	361.7	25.33
	105	226.5	15.94	270.0	20.41	311.8	25.40	320.9	25.98	334.3	26.50	343.0	26.74	351.4	27.10
	110	226.5	17.80	270.0	22.92	308.2	27.57	315.2	27.70	321.5	28.21	326.7	28.50	332.6	28.90
	115	226.5	20.46	270.0	26.17	293.4	28.86	302.4	28.86	310.0	29.29	312.8	29.35	314.2	29.55
	118	226.5	20.64	236.9	24.55	255.4	24.27	263.3	24.49	269.9	24.86	272.4	24.91	271.3	25.07
	122	193.8	18.69	189.9	18.67	203.6	18.48	210.3	18.52	216.2	18.82	218.7	18.88	218.4	19.05

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 heat recovery system synchronous operating range.
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).

COOLING CAPACITY DATA



ARUM336CTE5

336,000 Btu/h 575V Outdoor 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	204.0	5.03	243.0	6.04	283.6	7.12	303.0	7.66	322.5	8.19	361.5	9.43	400.5	10.35
	-5	204.0	5.32	243.0	6.37	283.6	7.52	303.0	8.08	322.5	8.64	361.5	9.96	400.5	10.92
	0	204.0	5.53	243.0	6.62	283.6	7.83	303.0	8.41	322.5	8.99	361.5	10.35	400.5	11.37
	5	204.0	5.73	243.0	6.86	283.6	8.11	303.0	8.72	322.5	9.32	361.5	10.73	400.5	11.78
	10	204.0	5.89	243.0	7.06	283.6	8.34	303.0	8.97	322.5	9.58	361.5	11.04	400.5	12.12
	14	204.0	6.10	243.0	7.32	283.6	8.64	303.0	9.30	322.5	9.93	361.5	11.44	400.5	12.56
	20	204.0	6.33	243.0	7.60	283.6	8.97	303.0	9.66	322.5	10.35	361.5	11.85	400.5	13.04
	25	204.0	6.51	243.0	7.83	283.6	9.24	303.0	9.95	322.5	10.69	361.5	12.20	400.5	13.44
	30	204.0	6.70	243.0	8.05	283.6	9.51	303.0	10.25	322.5	11.04	361.5	12.53	400.5	13.84
	35	204.0	6.91	243.0	8.31	283.6	9.79	303.0	10.55	322.5	11.36	361.5	12.91	400.5	14.27
	40	204.0	7.11	243.0	8.55	283.6	10.08	303.0	10.88	322.5	11.70	361.5	13.30	400.5	14.68
	45	204.0	7.27	243.0	8.76	283.6	10.32	303.0	11.13	322.5	11.99	361.5	13.60	400.5	15.04
	50	204.0	7.43	243.0	8.94	283.6	10.55	303.0	11.37	322.5	12.24	361.5	13.91	400.5	15.36
	55	204.0	7.53	243.0	9.09	283.6	10.73	303.0	11.61	322.5	12.48	361.5	14.18	400.5	15.50
	60	204.0	7.80	243.0	9.45	283.6	11.15	303.0	12.06	322.5	12.98	361.5	14.74	397.1	15.68
	65	204.0	7.93	243.0	9.63	283.6	11.37	303.0	12.29	322.5	13.21	361.5	15.01	394.5	16.46
	70	204.0	8.17	243.0	9.91	283.6	11.79	303.0	12.98	322.5	14.18	361.5	16.74	387.0	17.68
	75	204.0	8.31	243.0	10.37	283.6	12.62	303.0	13.90	322.5	15.23	361.5	17.46	381.0	18.48
	80	204.0	9.31	243.0	11.75	283.6	14.41	303.0	15.87	322.5	17.38	361.5	19.30	370.5	20.09
	85	204.0	9.91	243.0	12.53	283.6	15.41	303.0	16.93	322.5	18.58	357.0	20.33	364.5	20.91
	90	204.0	11.19	243.0	14.18	283.6	17.47	303.0	19.26	322.5	21.15	346.6	22.25	354.0	22.58
	95	204.0	11.93	243.0	15.05	283.6	18.63	303.0	20.55	322.5	22.57	340.5	23.09	348.0	23.41
	100	204.0	12.32	243.0	15.68	283.6	19.40	303.0	21.36	322.5	23.06	336.0	24.08	342.0	24.35
	105	204.0	14.27	243.0	18.19	283.6	21.93	303.0	23.39	318.9	24.73	325.6	25.81	329.9	26.14
	110	204.0	16.39	243.0	20.99	283.6	24.07	303.0	25.25	306.0	26.82	310.0	27.73	312.5	28.05
	115	204.0	17.75	243.0	22.75	265.5	25.34	287.3	26.42	291.4	27.67	294.1	28.27	295.4	28.64
	118	204.0	18.85	236.9	24.55	231.2	21.30	250.1	22.42	253.7	23.48	256.0	23.99	255.0	24.30
	122	193.8	18.69	189.9	18.67	184.2	16.22	199.9	16.96	203.2	17.77	205.6	18.19	205.2	18.46
80%	-9.9	181.5	4.36	216.0	5.26	252.0	6.10	268.5	6.63	286.5	7.15	321.0	8.16	355.5	9.09
	-5	181.5	4.60	216.0	5.54	252.0	6.43	268.5	6.99	286.5	7.54	321.0	8.61	355.5	9.59
	0	181.5	4.79	216.0	5.77	252.0	6.70	268.5	7.27	286.5	7.84	321.0	8.95	355.5	9.97
	5	181.5	4.96	216.0	5.98	252.0	6.94	268.5	7.54	286.5	8.13	321.0	9.28	355.5	10.34
	10	181.5	5.11	216.0	6.15	252.0	7.14	268.5	7.75	286.5	8.37	321.0	9.55	355.5	10.64
	14	181.5	5.29	216.0	6.37	252.0	7.40	268.5	8.04	286.5	8.67	321.0	9.90	355.5	11.02
	20	181.5	5.49	216.0	6.60	252.0	7.69	268.5	8.34	286.5	8.97	321.0	10.25	355.5	11.45
	25	181.5	5.66	216.0	6.79	252.0	7.95	268.5	8.59	286.5	9.21	321.0	10.55	355.5	11.79
	30	181.5	5.83	216.0	6.97	252.0	8.19	268.5	8.84	286.5	9.46	321.0	10.85	355.5	12.15
	35	181.5	5.98	216.0	7.18	252.0	8.43	268.5	9.07	286.5	9.72	321.0	11.15	355.5	12.50
	40	181.5	6.15	216.0	7.36	252.0	8.64	268.5	9.33	286.5	9.99	321.0	11.45	355.5	12.83
	45	181.5	6.23	216.0	7.45	252.0	8.77	268.5	9.47	286.5	10.11	321.0	11.61	355.5	13.00
	50	181.5	6.32	216.0	7.57	252.0	8.88	268.5	9.59	286.5	10.26	321.0	11.77	355.5	13.18
	55	181.5	6.41	216.0	7.69	252.0	9.04	268.5	9.75	286.5	10.46	321.0	11.99	355.5	13.40
	60	181.5	6.64	216.0	7.95	252.0	9.36	268.5	10.10	286.5	10.87	321.0	12.41	355.5	13.95
	65	181.5	6.73	216.0	8.11	252.0	9.56	268.5	10.29	286.5	11.10	321.0	12.63	355.5	14.27
	70	181.5	6.93	216.0	8.34	252.0	9.84	268.5	10.62	286.5	11.55	321.0	13.63	355.5	15.78
	75	181.5	7.06	216.0	8.50	252.0	10.32	268.5	11.32	286.5	12.32	321.0	14.50	355.5	16.63
	80	181.5	7.72	216.0	9.66	252.0	11.77	268.5	12.86	286.5	14.05	321.0	16.68	355.5	18.58
	85	181.5	8.25	216.0	10.26	252.0	12.54	268.5	13.73	286.5	15.04	321.0	17.77	355.5	19.07
	90	181.5	9.27	216.0	11.64	252.0	14.18	268.5	15.58	286.5	17.09	321.0	19.53	349.7	20.21
	95	181.5	9.84	216.0	12.32	252.0	15.14	268.5	16.55	286.5	18.18	321.0	20.21	342.2	20.76
	100	181.5	10.62	216.0	13.28	252.0	16.33	268.5	17.73	286.5	18.90	321.0	21.03	334.5	21.42
	105	181.5	12.10	216.0	15.19	252.0	18.18	268.5	19.02	286.5	20.27	317.2	21.87	324.9	22.49
	110	181.5	13.73	216.0	17.32	252.0	19.28	268.5	20.32	286.5	21.84	306.0	22.67	307.5	23.65
	115	181.5	14.69	216.0	18.51	252.0	19.92	268.5	21.36	268.5	22.35	270.2	23.18	270.2	24.59
	118	181.5	15.59	216.0	19.67	231.2	21.30	235.8	20.27	233.8	18.96	235.2	19.68	233.2	20.87
	122	181.5	16.86	190.6	18.55	184.2	16.22	188.4	15.34	187.3	14.36	188.9	14.92	187.7	15.85

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 heat recovery system synchronous operating range.
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).

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	3.85	189.0	4.58	220.6	5.38	235.5	5.77	250.5	6.14	280.5	7.03	312.0	7.87
	-5	159.0	4.06	189.0	4.82	220.6	5.68	235.5	6.08	250.5	6.48	280.5	7.42	312.0	8.31
	0	159.0	4.22	189.0	5.02	220.6	5.91	235.5	6.32	250.5	6.74	280.5	7.72	312.0	8.64
	5	159.0	4.38	189.0	5.21	220.6	6.13	235.5	6.55	250.5	6.99	280.5	8.01	312.0	8.95
	10	159.0	4.51	189.0	5.35	220.6	6.31	235.5	6.75	250.5	7.18	280.5	8.23	312.0	9.21
	14	159.0	4.67	189.0	5.55	220.6	6.53	235.5	6.99	250.5	7.45	280.5	8.53	312.0	9.55
	20	159.0	4.83	189.0	5.74	220.6	6.73	235.5	7.22	250.5	7.71	280.5	8.80	312.0	9.87
	25	159.0	4.96	189.0	5.89	220.6	6.91	235.5	7.41	250.5	7.92	280.5	9.03	312.0	10.14
	30	159.0	5.09	189.0	6.04	220.6	7.07	235.5	7.60	250.5	8.13	280.5	9.25	312.0	10.41
	35	159.0	5.24	189.0	6.21	220.6	7.27	235.5	7.81	250.5	8.35	280.5	9.49	312.0	10.69
	40	159.0	5.37	189.0	6.37	220.6	7.45	235.5	8.01	250.5	8.56	280.5	9.75	312.0	10.95
	45	159.0	5.45	189.0	6.46	220.6	7.57	235.5	8.16	250.5	8.70	280.5	9.90	312.0	11.13
	50	159.0	5.54	189.0	6.58	220.6	7.69	235.5	8.28	250.5	8.85	280.5	10.07	312.0	11.32
	55	159.0	5.65	189.0	6.70	220.6	7.83	235.5	8.40	250.5	9.01	280.5	10.26	312.0	11.55
	60	159.0	5.80	189.0	6.93	220.6	8.11	235.5	8.73	250.5	9.33	280.5	10.65	312.0	11.99
	65	159.0	5.90	189.0	7.06	220.6	8.25	235.5	8.88	250.5	9.52	280.5	10.84	312.0	12.18
	70	159.0	6.06	189.0	7.24	220.6	8.50	235.5	9.14	250.5	9.81	280.5	11.22	312.0	12.95
	75	159.0	6.16	189.0	7.38	220.6	8.66	235.5	9.46	250.5	10.26	280.5	11.99	312.0	13.72
	80	159.0	6.64	189.0	8.14	220.6	9.84	235.5	10.74	250.5	11.64	280.5	13.26	312.0	15.22
	85	159.0	7.06	189.0	8.66	220.6	10.49	235.5	11.45	250.5	12.54	280.5	14.13	312.0	15.86
	90	159.0	7.92	189.0	9.78	220.6	11.87	235.5	12.95	250.5	14.18	280.5	15.76	312.0	17.22
	95	159.0	8.37	189.0	10.39	220.6	12.63	235.5	13.82	250.5	15.04	280.5	16.57	312.0	17.74
	100	159.0	9.04	189.0	11.22	220.6	13.63	235.5	14.92	250.5	15.49	280.5	17.34	312.0	18.24
	105	159.0	10.25	189.0	12.79	220.6	15.04	235.5	15.91	250.5	16.83	280.5	18.27	312.0	19.30
	110	159.0	11.55	189.0	14.50	220.6	15.91	235.5	16.87	250.5	18.25	280.5	19.02	303.0	20.76
	115	159.0	12.41	189.0	15.46	220.6	16.45	235.5	17.83	250.5	18.78	280.5	19.60	285.6	22.10
	118	159.0	13.18	189.0	16.42	220.6	17.47	235.5	18.90	227.9	18.78	235.2	16.63	233.2	18.75
	122	159.0	14.21	189.0	17.79	196.8	16.69	188.2	15.53	182.6	14.21	188.9	12.61	187.7	14.24
60%	-9.9	136.6	3.34	162.0	3.88	189.0	4.55	201.0	4.85	214.5	5.23	241.6	5.92	267.0	6.62
	-5	136.6	3.52	162.0	4.09	189.0	4.79	201.0	5.12	214.5	5.52	241.6	6.25	267.0	6.99
	0	136.6	3.66	162.0	4.25	189.0	4.99	201.0	5.33	214.5	5.74	241.6	6.50	267.0	7.27
	5	136.6	3.80	162.0	4.40	189.0	5.17	201.0	5.53	214.5	5.95	241.6	6.74	267.0	7.53
	10	136.6	3.91	162.0	4.54	189.0	5.32	201.0	5.69	214.5	6.13	241.6	6.93	267.0	7.75
	14	136.6	4.04	162.0	4.70	189.0	5.51	201.0	5.89	214.5	6.34	241.6	7.18	267.0	8.04
	20	136.6	4.17	162.0	4.87	189.0	5.69	201.0	6.10	214.5	6.55	241.6	7.42	267.0	8.31
	25	136.6	4.27	162.0	5.02	189.0	5.84	201.0	6.27	214.5	6.72	241.6	7.62	267.0	8.55
	30	136.6	4.37	162.0	5.15	189.0	5.99	201.0	6.44	214.5	6.89	241.6	7.81	267.0	8.77
	35	136.6	4.48	162.0	5.29	189.0	6.14	201.0	6.61	214.5	7.06	241.6	8.01	267.0	9.00
	40	136.6	4.60	162.0	5.42	189.0	6.31	201.0	6.78	214.5	7.25	241.6	8.23	267.0	9.24
	45	136.6	4.64	162.0	5.47	189.0	6.35	201.0	6.84	214.5	7.32	241.6	8.29	267.0	9.30
	50	136.6	4.69	162.0	5.51	189.0	6.41	201.0	6.90	214.5	7.38	241.6	8.37	267.0	9.39
	55	136.6	4.75	162.0	5.62	189.0	6.54	201.0	7.03	214.5	7.51	241.6	8.53	267.0	9.56
	60	136.6	4.91	162.0	5.80	189.0	6.76	201.0	7.28	214.5	7.80	241.6	8.82	267.0	9.94
	65	136.6	4.97	162.0	5.90	189.0	6.90	201.0	7.41	214.5	7.92	241.6	9.01	267.0	10.14
	70	136.6	5.09	162.0	6.06	189.0	7.09	201.0	7.60	214.5	8.14	241.6	9.27	267.0	10.52
	75	136.6	5.20	162.0	6.16	189.0	7.21	201.0	7.76	214.5	8.40	241.6	9.81	267.0	11.21
	80	136.6	5.51	162.0	6.73	189.0	8.08	201.0	8.82	214.5	9.56	241.6	11.00	267.0	12.66
	85	136.6	5.87	162.0	7.15	189.0	8.59	201.0	9.39	214.5	10.23	241.6	11.57	267.0	13.07
	90	136.6	6.58	162.0	8.08	189.0	9.72	201.0	10.62	214.5	11.49	241.6	12.94	267.0	14.25
	95	136.6	6.96	162.0	8.56	189.0	10.32	201.0	11.32	214.5	12.17	241.6	13.52	267.0	15.01
	100	136.6	7.47	162.0	9.21	189.0	11.13	201.0	12.18	214.5	12.71	241.6	14.35	267.0	15.65
	105	136.6	8.50	162.0	10.48	189.0	12.29	201.0	13.00	214.5	13.83	241.6	15.24	267.0	17.07
	110	136.6	9.56	162.0	11.90	189.0	13.25	201.0	13.79	214.5	14.95	241.6	16.30	267.0	18.61
	115	136.6	10.23	162.0	12.70	189.0	13.77	201.0	14.59	214.5	15.47	241.6	17.23	267.0	19.89
	118	136.6	10.83	162.0	13.46	189.0	14.62	201.0	15.50	214.5	16.47	235.2	16.63	233.2	18.75
	122	136.6	11.67	162.0	14.56	189.0	15.84	187.7	15.73	181.7	14.56	188.9	12.61	187.7	14.24

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 heat recovery system synchronous operating range.
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).

COOLING CAPACITY DATA



ARUM336CTE5

336,000 Btu/h 575V Outdoor 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	2.87	135.0	3.38	157.6	3.78	168.0	4.07	178.6	4.39	201.0	4.87	222.0	5.39
	-5	113.4	3.03	135.0	3.56	157.6	3.98	168.0	4.30	178.6	4.63	201.0	5.14	222.0	5.69
	0	113.4	3.15	135.0	3.71	157.6	4.15	168.0	4.46	178.6	4.81	201.0	5.33	222.0	5.92
	5	113.4	3.26	135.0	3.84	157.6	4.30	168.0	4.63	178.6	4.99	201.0	5.53	222.0	6.13
	10	113.4	3.36	135.0	3.95	157.6	4.42	168.0	4.76	178.6	5.12	201.0	5.69	222.0	6.31
	14	113.4	3.48	135.0	4.10	157.6	4.58	168.0	4.94	178.6	5.32	201.0	5.90	222.0	6.54
	20	113.4	3.61	135.0	4.22	157.6	4.78	168.0	5.12	178.6	5.49	201.0	6.11	222.0	6.79
	25	113.4	3.71	135.0	4.33	157.6	4.93	168.0	5.26	178.6	5.63	201.0	6.29	222.0	7.00
	30	113.4	3.83	135.0	4.43	157.6	5.09	168.0	5.41	178.6	5.78	201.0	6.47	222.0	7.21
	35	113.4	3.92	135.0	4.55	157.6	5.21	168.0	5.56	178.6	5.93	201.0	6.65	222.0	7.39
	40	113.4	4.03	135.0	4.67	157.6	5.35	168.0	5.69	178.6	6.08	201.0	6.81	222.0	7.58
	45	113.4	4.09	135.0	4.73	157.6	5.42	168.0	5.77	178.6	6.16	201.0	6.91	222.0	7.69
	50	113.4	4.14	135.0	4.81	157.6	5.51	168.0	5.86	178.6	6.26	201.0	7.00	222.0	7.80
	55	113.4	4.23	135.0	4.90	157.6	5.60	168.0	5.95	178.6	6.34	201.0	7.14	222.0	7.93
	60	113.4	4.31	135.0	5.02	157.6	5.77	168.0	6.17	178.6	6.57	201.0	7.36	222.0	8.25
	65	113.4	4.36	135.0	5.11	157.6	5.86	168.0	6.26	178.6	6.65	201.0	7.49	222.0	8.37
	70	113.4	4.49	135.0	5.20	157.6	5.99	168.0	6.43	178.6	6.83	201.0	7.71	222.0	8.64
	75	113.4	4.54	135.0	5.29	157.6	6.13	168.0	6.52	178.6	6.96	201.0	7.84	222.0	8.82
	80	113.4	4.67	135.0	5.60	157.6	6.57	168.0	7.09	178.6	7.62	201.0	8.77	222.0	10.00
	85	113.4	4.97	135.0	5.90	157.6	6.96	168.0	7.54	178.6	8.11	201.0	9.34	222.0	10.67
	90	113.4	5.56	135.0	6.61	157.6	7.84	168.0	8.46	178.6	9.12	201.0	10.53	222.0	12.08
	95	113.4	5.86	135.0	7.00	157.6	8.28	168.0	8.99	178.6	9.69	201.0	11.19	222.0	12.83
	100	113.4	6.17	135.0	7.41	157.6	8.77	168.0	9.52	178.6	10.26	201.0	11.90	222.0	13.61
	105	113.4	6.74	135.0	8.17	157.6	9.70	168.0	10.50	178.6	11.36	201.0	13.19	222.0	15.14
	110	113.4	7.45	135.0	9.03	157.6	10.75	168.0	11.67	178.6	12.65	201.0	14.72	222.0	16.92
	115	113.4	7.98	135.0	9.69	157.6	11.55	168.0	12.56	178.6	13.61	201.0	15.86	222.0	18.24
	118	113.4	8.62	135.0	10.52	157.6	12.55	168.0	13.66	178.6	14.83	201.0	16.63	222.0	18.75
	122	113.4	9.51	135.0	11.63	157.6	13.88	168.0	15.16	178.6	14.56	188.9	12.61	187.7	14.24

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 heat recovery system synchronous operating range.

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).

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	327.3	7.90	388.8	9.58	452.0	11.38	468.6	12.28	475.3	13.24	491.8	15.18	503.5	15.68
	-5	327.3	8.33	388.8	10.11	452.0	12.01	468.6	12.95	475.3	13.98	491.8	16.02	503.5	16.55
	0	327.3	8.67	388.8	10.53	452.0	12.49	468.6	13.48	475.3	14.54	491.8	16.66	503.5	17.22
	5	327.3	8.99	388.8	10.91	452.0	12.95	468.6	13.97	475.3	15.07	491.8	17.27	503.5	17.85
	10	327.3	9.25	388.8	11.22	452.0	13.32	468.6	14.37	475.3	15.50	491.8	17.77	503.5	18.36
	14	327.3	9.58	388.8	11.62	452.0	13.80	468.6	14.89	475.3	16.07	491.8	18.41	503.5	19.02
	20	327.3	9.74	388.8	11.81	452.0	14.00	468.6	15.12	475.3	16.29	491.8	18.67	503.5	19.31
	25	327.3	9.89	388.8	11.97	452.0	14.17	468.6	15.31	475.3	16.47	491.8	18.88	503.5	19.53
	30	327.3	10.02	388.8	12.12	452.0	14.33	468.6	15.50	475.3	16.66	491.8	19.10	503.5	19.76
	35	327.3	10.13	388.8	12.28	452.0	14.51	468.6	15.67	475.3	16.87	491.8	19.32	503.5	20.00
	40	327.3	10.26	388.8	12.41	452.0	14.68	468.6	15.87	475.3	17.06	491.8	19.55	503.5	20.24
	45	327.3	10.37	388.8	12.54	452.0	14.85	468.6	16.03	475.3	17.22	491.8	19.76	503.5	20.43
	50	327.3	10.47	388.8	12.66	452.0	14.98	468.6	16.19	475.3	17.41	491.8	19.95	503.5	20.64
	55	327.3	10.64	388.8	12.90	452.0	15.27	462.0	16.55	468.6	17.75	485.0	20.30	496.8	20.79
	60	327.3	10.99	388.8	13.36	445.3	15.91	451.7	17.18	457.0	18.45	473.3	20.93	485.0	21.03
	65	327.3	11.22	388.8	13.65	438.7	16.19	445.3	17.53	450.3	18.80	466.6	21.63	478.3	21.80
	70	327.3	10.80	388.8	13.12	430.4	16.14	435.4	17.76	442.0	19.49	458.2	21.65	470.0	21.86
	75	327.3	11.06	388.8	13.98	423.8	17.27	428.7	19.05	435.4	20.90	451.5	22.68	463.2	22.84
	80	327.3	12.58	388.8	15.92	412.1	19.76	417.1	21.81	423.8	23.97	439.7	24.62	451.5	24.83
	85	327.3	13.39	388.8	17.00	405.5	21.11	412.1	23.27	417.1	25.42	433.0	25.65	444.8	25.86
	90	327.3	15.17	382.2	19.33	393.8	23.97	398.8	26.50	405.5	27.43	421.3	27.64	433.0	27.91
	95	330.8	16.08	379.5	20.56	391.3	25.59	398.0	28.28	403.0	28.39	419.0	28.67	430.8	28.94
	100	330.8	17.41	372.8	22.25	384.6	27.74	391.3	29.77	396.3	29.93	413.9	30.21	425.8	30.48
	105	330.8	19.63	362.8	25.17	374.5	31.28	380.3	32.01	386.1	32.18	399.5	32.47	405.3	32.78
	110	330.8	22.04	347.8	28.36	362.3	34.12	363.5	34.30	368.8	34.41	376.6	34.75	378.0	35.07
	115	329.2	25.50	335.2	32.62	335.2	35.97	335.2	35.97	335.2	35.97	340.0	36.04	341.5	36.10
	118	286.2	21.61	291.5	27.64	291.8	30.25	291.8	30.53	291.8	30.53	296.0	30.58	294.8	30.64
	122	228.7	16.39	233.7	21.01	232.6	23.03	233.2	23.08	233.7	23.11	237.7	23.18	237.3	23.27
120%	-9.9	297.9	7.45	355.5	9.02	413.1	10.69	442.7	11.52	462.5	12.42	483.5	14.25	493.5	14.72
	-5	297.9	7.85	355.5	9.52	413.1	11.27	442.7	12.15	462.5	13.11	483.5	15.03	493.5	15.54
	0	297.9	8.17	355.5	9.90	413.1	11.73	442.7	12.65	462.5	13.64	483.5	15.63	493.5	16.16
	5	297.9	8.47	355.5	10.27	413.1	12.15	442.7	13.11	462.5	14.14	483.5	16.21	493.5	16.75
	10	297.9	8.71	355.5	10.56	413.1	12.50	442.7	13.48	462.5	14.54	483.5	16.67	493.5	17.24
	14	297.9	9.03	355.5	10.95	413.1	12.96	442.7	13.98	462.5	15.07	483.5	17.27	493.5	17.85
	20	297.9	9.17	355.5	11.11	413.1	13.15	442.7	14.19	462.5	15.28	483.5	17.52	493.5	18.12
	25	297.9	9.29	355.5	11.25	413.1	13.30	442.7	14.37	462.5	15.46	483.5	17.72	493.5	18.33
	30	297.9	9.41	355.5	11.38	413.1	13.45	442.7	14.54	462.5	15.64	483.5	17.93	493.5	18.55
	35	297.9	9.53	355.5	11.51	413.1	13.62	442.7	14.74	462.5	15.83	483.5	18.14	493.5	18.78
	40	297.9	9.64	355.5	11.67	413.1	13.80	442.7	14.91	462.5	16.03	483.5	18.38	493.5	19.02
	45	297.9	9.76	355.5	11.79	413.1	13.95	442.7	15.09	462.5	16.21	483.5	18.57	493.5	19.23
	50	297.9	9.86	355.5	11.93	413.1	14.11	442.7	15.25	462.5	16.39	483.5	18.79	493.5	19.44
	55	297.9	10.02	355.5	12.15	413.1	14.38	442.7	15.58	457.5	16.72	476.8	19.12	488.5	19.58
	60	297.9	10.35	355.5	12.58	413.1	14.98	439.5	16.18	444.4	17.37	465.0	19.71	475.1	20.06
	65	297.9	10.56	355.5	12.86	413.1	15.25	432.8	16.50	439.5	17.70	458.3	20.37	470.0	20.53
	70	297.9	10.37	355.5	12.60	413.1	15.49	424.7	17.05	429.5	18.71	449.9	20.78	460.0	20.99
	75	297.9	10.62	355.5	13.42	413.1	16.58	418.0	18.30	424.7	20.06	443.2	21.77	455.0	21.92
	80	297.9	12.07	355.5	15.28	401.6	18.97	406.5	20.93	411.5	23.01	431.5	23.63	441.5	23.84
	85	297.9	12.85	355.5	16.32	395.0	20.26	400.0	22.34	406.5	24.41	424.7	24.62	436.5	24.83
	90	297.9	14.56	355.5	18.55	383.5	23.01	388.5	25.44	393.3	26.32	413.0	26.53	423.0	26.79
	95	301.0	15.44	359.3	19.74	380.8	24.56	385.8	27.16	392.5	27.26	410.5	27.51	422.5	27.78
	100	301.0	16.71	359.3	21.35	374.2	26.63	380.8	28.58	385.8	28.73	405.5	29.00	415.7	29.26
	105	301.0	18.83	353.5	24.17	364.3	30.05	370.2	30.72	375.0	30.90	393.7	31.17	400.2	31.46
	110	301.0	21.16	344.5	27.23	355.7	32.76	356.8	32.92	362.0	33.03	373.3	33.35	374.8	33.67
	115	292.7	24.48	331.9	31.32	331.9	34.54	331.9	34.54	331.9	34.54	340.0	34.60	341.6	34.66
	118	261.3	21.61	288.6	26.53	289.0	29.04	289.0	29.31	289.0	29.31	296.1	29.36	294.8	29.41
	122	208.8	16.39	231.5	20.18	230.3	22.10	230.9	22.16	231.5	22.18	237.8	22.25	237.3	22.34

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 heat recovery system synchronous operating range.
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).

COOLING CAPACITY DATA



ARUM360CTE5

360,000 Btu/h 575V Outdoor 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	276.1	6.85	329.3	8.27	382.5	9.80	409.2	10.62	435.8	11.38	480.1	12.99	490.3	13.47
	-5	276.1	7.24	329.3	8.73	382.5	10.34	409.2	11.21	435.8	12.01	480.1	13.71	490.3	14.22
	0	276.1	7.53	329.3	9.07	382.5	10.75	409.2	11.66	435.8	12.49	480.1	14.25	490.3	14.78
	5	276.1	7.80	329.3	9.41	382.5	11.15	409.2	12.09	435.8	12.95	480.1	14.77	490.3	15.33
	10	276.1	8.02	329.3	9.68	382.5	11.47	409.2	12.44	435.8	13.32	480.1	15.20	490.3	15.76
	14	276.1	8.31	329.3	10.03	382.5	11.88	409.2	12.89	435.8	13.80	480.1	15.75	490.3	16.34
	20	276.1	8.43	329.3	10.19	382.5	12.07	409.2	13.06	435.8	14.01	480.1	16.02	490.3	16.59
	25	276.1	8.54	329.3	10.32	382.5	12.21	409.2	13.21	435.8	14.19	480.1	16.24	490.3	16.80
	30	276.1	8.64	329.3	10.45	382.5	12.36	409.2	13.37	435.8	14.37	480.1	16.47	490.3	17.01
	35	276.1	8.77	329.3	10.60	382.5	12.53	409.2	13.56	435.8	14.58	480.1	16.71	490.3	17.29
	40	276.1	8.89	329.3	10.75	382.5	12.71	409.2	13.74	435.8	14.78	480.1	16.93	490.3	17.50
	45	276.1	9.04	329.3	10.92	382.5	12.92	409.2	13.97	435.8	15.02	480.1	17.22	490.3	17.80
	50	276.1	9.18	329.3	11.11	382.5	13.13	409.2	14.20	435.8	15.26	480.1	17.50	490.3	18.08
	55	276.1	9.33	329.3	11.31	382.5	13.39	409.2	14.51	435.8	15.57	473.3	17.80	483.5	18.25
	60	276.1	9.63	329.3	11.72	382.5	13.95	409.2	15.06	435.8	16.18	461.5	18.36	471.6	18.52
	65	276.1	9.84	329.3	11.97	382.5	14.20	409.2	15.36	435.8	16.48	454.7	18.97	464.8	19.12
	70	276.1	9.94	329.3	12.07	382.5	14.86	409.2	16.35	427.5	17.94	446.2	19.92	456.3	20.13
	75	276.1	10.19	329.3	12.87	382.5	15.90	409.2	17.54	420.8	19.23	439.4	20.87	449.5	21.02
	80	273.3	11.57	326.0	14.66	378.7	18.19	400.0	20.08	405.0	22.07	423.2	22.66	433.2	22.86
	85	273.3	12.33	326.0	15.65	378.7	19.42	393.5	21.41	398.4	23.40	416.5	23.61	426.5	23.80
	90	273.3	13.96	326.0	17.79	377.0	22.07	382.0	24.40	386.8	25.25	404.7	25.44	414.8	25.69
	95	273.3	14.81	326.0	18.94	370.4	23.55	375.3	26.04	380.3	26.13	398.0	26.39	408.0	26.63
	100	273.3	16.03	326.0	20.48	365.5	25.54	370.4	27.40	375.3	27.56	393.0	27.81	403.0	28.06
	105	273.3	18.07	326.0	23.16	354.1	28.81	359.0	29.48	363.8	29.63	381.3	29.89	391.1	30.18
	110	273.3	20.29	326.0	26.11	343.1	31.41	344.2	31.57	349.2	31.67	360.1	31.99	361.5	32.29
	115	273.3	23.48	326.0	30.03	328.5	33.11	328.5	33.11	330.0	33.11	336.6	33.18	338.1	33.24
	118	264.0	21.39	283.5	25.44	286.0	27.85	286.0	28.10	287.3	28.10	293.0	28.15	291.8	28.20
	122	211.0	16.23	227.3	19.34	228.0	21.20	228.5	21.25	230.2	21.27	235.3	21.33	235.0	21.43
100%	-9.9	242.7	6.03	289.3	7.27	335.9	8.62	360.0	9.39	395.7	10.17	443.7	11.73	468.5	12.22
	-5	242.7	6.36	289.3	7.67	335.9	9.10	360.0	9.92	395.7	10.72	443.7	12.38	468.5	12.89
	0	242.7	6.62	289.3	7.99	335.9	9.47	360.0	10.32	395.7	11.16	443.7	12.87	468.5	13.40
	5	242.7	6.86	289.3	8.28	335.9	9.81	360.0	10.69	395.7	11.57	443.7	13.34	468.5	13.90
	10	242.7	7.06	289.3	8.52	335.9	10.09	360.0	11.00	395.7	11.90	443.7	13.73	468.5	14.30
	14	242.7	7.32	289.3	8.83	335.9	10.46	360.0	11.40	395.7	12.33	443.7	14.22	468.5	14.82
	20	242.7	7.54	289.3	9.11	335.9	10.79	360.0	11.72	395.7	12.73	443.7	14.64	468.5	15.23
	25	242.7	7.74	289.3	9.35	335.9	11.06	360.0	11.99	395.7	13.05	443.7	14.99	468.5	15.59
	30	242.7	7.93	289.3	9.58	335.9	11.34	360.0	12.26	395.7	13.37	443.7	15.33	468.5	15.94
	35	242.7	8.04	289.3	9.74	335.9	11.52	360.0	12.46	395.7	13.59	443.7	15.59	468.5	16.21
	40	242.7	8.18	289.3	9.90	335.9	11.70	360.0	12.65	395.7	13.81	443.7	15.83	468.5	16.45
	45	242.7	8.36	289.3	10.11	335.9	11.94	360.0	12.92	395.7	14.09	443.7	16.16	468.5	16.80
	50	242.7	8.52	289.3	10.31	335.9	12.20	360.0	13.18	395.7	14.38	443.7	16.48	468.5	17.14
	55	242.7	8.67	289.3	10.50	335.9	12.43	360.0	13.47	395.7	14.67	443.7	16.77	463.5	17.40
	60	242.7	8.94	289.3	10.88	335.9	12.95	360.0	13.98	395.7	15.25	442.0	17.30	450.3	17.71
	65	242.7	9.13	289.3	11.11	335.9	13.18	360.0	14.27	395.7	15.53	435.3	17.87	445.3	18.23
	70	242.7	9.42	289.3	11.44	335.9	14.08	360.0	15.49	395.7	17.25	427.0	19.16	435.3	19.50
	75	242.7	9.65	289.3	12.20	335.9	15.07	360.0	16.62	395.7	18.49	420.5	20.07	430.4	20.32
	80	242.7	10.97	289.3	13.89	335.9	17.24	360.0	19.02	395.7	21.22	408.8	21.79	417.2	22.09
	85	242.7	11.67	289.3	14.83	335.9	18.41	360.0	20.29	394.0	22.50	402.3	22.70	412.2	23.00
	90	242.7	13.23	289.3	16.85	335.9	20.90	360.0	23.11	380.7	24.27	390.7	24.46	399.0	24.83
	95	242.7	14.03	289.3	17.94	335.9	22.31	360.0	24.67	375.8	25.14	384.0	25.38	394.0	25.74
	100	242.7	15.15	289.3	19.36	335.9	24.14	353.5	25.91	369.3	26.44	379.0	26.68	387.5	27.06
	105	242.7	17.03	289.3	21.81	334.0	27.14	343.8	27.75	358.2	28.32	367.5	28.57	376.5	28.96
	110	242.7	19.02	289.3	24.49	330.2	29.46	337.7	29.60	344.5	30.14	350.0	30.45	356.3	30.88
	115	242.7	21.86	289.3	27.96	314.3	30.84	324.0	30.84	332.1	31.30	335.2	31.36	336.7	31.57
	118	242.7	22.05	253.8	26.23	273.7	25.94	282.1	26.16	289.2	26.56	291.8	26.61	290.7	26.79
	122	207.6	19.97	203.5	19.95	218.1	19.74	225.4	19.79	231.6	20.11	234.3	20.17	234.0	20.35

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 heat recovery system synchronous operating range.
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).

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	218.5	5.38	260.3	6.45	303.8	7.61	324.7	8.19	345.5	8.75	387.3	10.08	429.1	11.06
	-5	218.5	5.68	260.3	6.80	303.8	8.04	324.7	8.64	345.5	9.23	387.3	10.64	429.1	11.67
	0	218.5	5.91	260.3	7.08	303.8	8.36	324.7	8.99	345.5	9.60	387.3	11.06	429.1	12.15
	5	218.5	6.12	260.3	7.33	303.8	8.67	324.7	9.31	345.5	9.95	387.3	11.46	429.1	12.58
	10	218.5	6.29	260.3	7.54	303.8	8.91	324.7	9.58	345.5	10.24	387.3	11.80	429.1	12.95
	14	218.5	6.52	260.3	7.82	303.8	9.23	324.7	9.93	345.5	10.61	387.3	12.23	429.1	13.42
	20	218.5	6.76	260.3	8.12	303.8	9.58	324.7	10.32	345.5	11.06	387.3	12.66	429.1	13.93
	25	218.5	6.95	260.3	8.36	303.8	9.87	324.7	10.63	345.5	11.43	387.3	13.03	429.1	14.36
	30	218.5	7.16	260.3	8.61	303.8	10.16	324.7	10.95	345.5	11.79	387.3	13.39	429.1	14.78
	35	218.5	7.38	260.3	8.88	303.8	10.46	324.7	11.27	345.5	12.14	387.3	13.79	429.1	15.25
	40	218.5	7.59	260.3	9.13	303.8	10.77	324.7	11.62	345.5	12.51	387.3	14.21	429.1	15.68
	45	218.5	7.77	260.3	9.35	303.8	11.03	324.7	11.89	345.5	12.81	387.3	14.53	429.1	16.06
	50	218.5	7.94	260.3	9.55	303.8	11.27	324.7	12.15	345.5	13.08	387.3	14.86	429.1	16.41
	55	218.5	8.04	260.3	9.71	303.8	11.46	324.7	12.40	345.5	13.34	387.3	15.15	429.1	16.56
	60	218.5	8.33	260.3	10.10	303.8	11.91	324.7	12.89	345.5	13.87	387.3	15.74	425.5	16.75
	65	218.5	8.48	260.3	10.29	303.8	12.15	324.7	13.13	345.5	14.11	387.3	16.03	422.7	17.59
	70	218.5	8.73	260.3	10.59	303.8	12.60	324.7	13.87	345.5	15.15	387.3	17.88	414.7	18.89
	75	218.5	8.87	260.3	11.08	303.8	13.48	324.7	14.85	345.5	16.27	387.3	18.65	408.2	19.74
	80	218.5	9.95	260.3	12.55	303.8	15.39	324.7	16.95	345.5	18.57	387.3	20.62	397.0	21.46
	85	218.5	10.59	260.3	13.38	303.8	16.47	324.7	18.09	345.5	19.85	382.5	21.72	390.5	22.34
	90	218.5	11.96	260.3	15.15	303.8	18.67	324.7	20.58	345.5	22.60	371.3	23.77	379.3	24.12
	95	218.5	12.74	260.3	16.08	303.8	19.90	324.7	21.96	345.5	24.11	364.8	24.67	372.8	25.01
	100	218.5	13.16	260.3	16.76	303.8	20.72	324.7	22.82	345.5	24.64	360.0	25.73	366.5	26.02
	105	218.5	15.25	260.3	19.44	303.8	23.44	324.7	24.99	341.7	26.42	348.8	27.58	353.5	27.93
	110	218.5	17.51	260.3	22.42	303.8	25.71	324.7	26.98	327.8	28.65	332.2	29.63	334.8	29.96
	115	218.5	18.97	260.3	24.30	284.5	27.08	307.8	28.23	312.2	29.57	315.1	30.21	316.5	30.60
	118	218.5	20.14	253.8	26.23	247.7	22.76	268.0	23.95	271.8	25.09	274.3	25.63	273.2	25.97
	122	207.7	19.97	203.5	19.95	197.4	17.33	214.2	18.12	217.7	18.99	220.3	19.44	219.9	19.73
80%	-9.9	194.5	4.66	231.5	5.62	270.0	6.52	287.7	7.08	307.0	7.64	344.0	8.72	380.9	9.71
	-5	194.5	4.91	231.5	5.92	270.0	6.87	287.7	7.47	307.0	8.06	344.0	9.20	380.9	10.24
	0	194.5	5.12	231.5	6.16	270.0	7.16	287.7	7.77	307.0	8.38	344.0	9.57	380.9	10.66
	5	194.5	5.30	231.5	6.39	270.0	7.42	287.7	8.06	307.0	8.68	344.0	9.92	380.9	11.04
	10	194.5	5.46	231.5	6.57	270.0	7.63	287.7	8.28	307.0	8.94	344.0	10.21	380.9	11.36
	14	194.5	5.65	231.5	6.81	270.0	7.91	287.7	8.59	307.0	9.26	344.0	10.57	380.9	11.78
	20	194.5	5.86	231.5	7.05	270.0	8.22	287.7	8.91	307.0	9.58	344.0	10.95	380.9	12.23
	25	194.5	6.05	231.5	7.25	270.0	8.49	287.7	9.18	307.0	9.84	344.0	11.27	380.9	12.60
	30	194.5	6.23	231.5	7.45	270.0	8.75	287.7	9.44	307.0	10.11	344.0	11.59	380.9	12.98
	35	194.5	6.39	231.5	7.67	270.0	9.00	287.7	9.69	307.0	10.39	344.0	11.91	380.9	13.35
	40	194.5	6.57	231.5	7.87	270.0	9.23	287.7	9.97	307.0	10.67	344.0	12.23	380.9	13.71
	45	194.5	6.66	231.5	7.96	270.0	9.37	287.7	10.11	307.0	10.80	344.0	12.41	380.9	13.89
	50	194.5	6.75	231.5	8.09	270.0	9.49	287.7	10.24	307.0	10.96	344.0	12.57	380.9	14.08
	55	194.5	6.85	231.5	8.22	270.0	9.66	287.7	10.42	307.0	11.17	344.0	12.81	380.9	14.32
	60	194.5	7.09	231.5	8.49	270.0	10.00	287.7	10.79	307.0	11.62	344.0	13.26	380.9	14.91
	65	194.5	7.19	231.5	8.67	270.0	10.21	287.7	11.00	307.0	11.86	344.0	13.50	380.9	15.25
	70	194.5	7.40	231.5	8.91	270.0	10.52	287.7	11.35	307.0	12.34	344.0	14.56	380.9	16.86
	75	194.5	7.54	231.5	9.08	270.0	11.03	287.7	12.10	307.0	13.16	344.0	15.49	380.9	17.77
	80	194.5	8.25	231.5	10.32	270.0	12.57	287.7	13.74	307.0	15.01	344.0	17.82	380.9	19.86
	85	194.5	8.81	231.5	10.96	270.0	13.40	287.7	14.67	307.0	16.07	344.0	18.99	380.9	20.37
	90	194.5	9.90	231.5	12.44	270.0	15.15	287.7	16.65	307.0	18.26	344.0	20.87	374.7	21.59
	95	194.5	10.52	231.5	13.16	270.0	16.18	287.7	17.69	307.0	19.42	344.0	21.59	366.6	22.18
	100	194.5	11.35	231.5	14.19	270.0	17.44	287.7	18.94	307.0	20.19	344.0	22.47	358.4	22.89
	105	194.5	12.92	231.5	16.23	270.0	19.42	287.7	20.32	307.0	21.66	339.8	23.37	348.1	24.03
	110	194.5	14.67	231.5	18.51	270.0	20.60	287.7	21.71	307.0	23.34	327.8	24.22	329.5	25.26
	115	194.5	15.70	231.5	19.77	270.0	21.28	287.7	22.82	287.7	23.88	289.5	24.77	289.5	26.27
	118	194.5	16.66	231.5	21.01	247.7	22.76	252.7	21.66	250.5	20.26	252.0	21.02	249.8	22.29
	122	194.5	18.01	204.2	19.82	197.4	17.33	201.9	16.38	200.7	15.34	202.3	15.94	201.1	16.94

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 heat recovery system synchronous operating range.
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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).

COOLING CAPACITY DATA



ARUM360CTE5

360,000 Btu/h 575V Outdoor Units

MULTI V 5 Outdoor Unit Performance Data Manual

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	170.3	4.11	202.5	4.89	236.3	5.75	252.3	6.16	268.4	6.56	300.5	7.51	334.3	8.41
	-5	170.3	4.34	202.5	5.15	236.3	6.07	252.3	6.50	268.4	6.92	300.5	7.93	334.3	8.88
	0	170.3	4.51	202.5	5.36	236.3	6.31	252.3	6.76	268.4	7.20	300.5	8.25	334.3	9.23
	5	170.3	4.68	202.5	5.57	236.3	6.55	252.3	7.00	268.4	7.46	300.5	8.55	334.3	9.57
	10	170.3	4.81	202.5	5.72	236.3	6.74	252.3	7.21	268.4	7.67	300.5	8.80	334.3	9.84
	14	170.3	4.99	202.5	5.93	236.3	6.98	252.3	7.47	268.4	7.96	300.5	9.12	334.3	10.21
	20	170.3	5.17	202.5	6.13	236.3	7.19	252.3	7.72	268.4	8.23	300.5	9.41	334.3	10.55
	25	170.3	5.30	202.5	6.29	236.3	7.38	252.3	7.92	268.4	8.46	300.5	9.65	334.3	10.83
	30	170.3	5.44	202.5	6.45	236.3	7.56	252.3	8.12	268.4	8.69	300.5	9.89	334.3	11.12
	35	170.3	5.60	202.5	6.63	236.3	7.77	252.3	8.34	268.4	8.93	300.5	10.14	334.3	11.43
	40	170.3	5.73	202.5	6.80	236.3	7.96	252.3	8.56	268.4	9.15	300.5	10.42	334.3	11.70
	45	170.3	5.82	202.5	6.90	236.3	8.09	252.3	8.71	268.4	9.30	300.5	10.58	334.3	11.89
	50	170.3	5.92	202.5	7.03	236.3	8.22	252.3	8.84	268.4	9.46	300.5	10.76	334.3	12.10
	55	170.3	6.03	202.5	7.16	236.3	8.36	252.3	8.97	268.4	9.63	300.5	10.96	334.3	12.34
	60	170.3	6.20	202.5	7.40	236.3	8.67	252.3	9.32	268.4	9.97	300.5	11.38	334.3	12.81
	65	170.3	6.31	202.5	7.54	236.3	8.81	252.3	9.49	268.4	10.18	300.5	11.59	334.3	13.02
	70	170.3	6.47	202.5	7.74	236.3	9.08	252.3	9.76	268.4	10.48	300.5	11.99	334.3	13.84
	75	170.3	6.58	202.5	7.88	236.3	9.25	252.3	10.11	268.4	10.96	300.5	12.81	334.3	14.66
	80	170.3	7.09	202.5	8.70	236.3	10.52	252.3	11.48	268.4	12.44	300.5	14.17	334.3	16.26
	85	170.3	7.54	202.5	9.25	236.3	11.20	252.3	12.23	268.4	13.40	300.5	15.10	334.3	16.95
	90	170.3	8.46	202.5	10.45	236.3	12.68	252.3	13.84	268.4	15.15	300.5	16.83	334.3	18.39
	95	170.3	8.94	202.5	11.11	236.3	13.50	252.3	14.77	268.4	16.07	300.5	17.70	334.3	18.95
	100	170.3	9.66	202.5	11.99	236.3	14.56	252.3	15.94	268.4	16.55	300.5	18.53	334.3	19.48
	105	170.3	10.95	202.5	13.66	236.3	16.06	252.3	17.00	268.4	17.98	300.5	19.52	334.3	20.62
	110	170.3	12.34	202.5	15.49	236.3	17.00	252.3	18.02	268.4	19.50	300.5	20.32	324.7	22.18
	115	170.3	13.26	202.5	16.52	236.3	17.58	252.3	19.05	268.4	20.06	300.5	20.94	306.0	23.61
	118	170.3	14.08	202.5	17.54	236.3	18.67	252.3	20.19	244.2	20.06	252.0	17.77	249.8	20.03
	122	170.3	15.19	202.5	19.00	210.8	17.83	201.6	16.60	195.6	15.19	202.3	13.47	201.1	15.22
60%	-9.9	146.3	3.56	173.5	4.14	202.5	4.86	215.3	5.19	229.8	5.59	258.8	6.33	286.0	7.08
	-5	146.3	3.76	173.5	4.37	202.5	5.12	215.3	5.47	229.8	5.89	258.8	6.68	286.0	7.46
	0	146.3	3.92	173.5	4.54	202.5	5.33	215.3	5.70	229.8	6.13	258.8	6.95	286.0	7.77
	5	146.3	4.06	173.5	4.71	202.5	5.52	215.3	5.91	229.8	6.36	258.8	7.20	286.0	8.04
	10	146.3	4.17	173.5	4.85	202.5	5.68	215.3	6.08	229.8	6.55	258.8	7.40	286.0	8.28
	14	146.3	4.32	173.5	5.02	202.5	5.89	215.3	6.29	229.8	6.78	258.8	7.67	286.0	8.58
	20	146.3	4.46	173.5	5.20	202.5	6.08	215.3	6.52	229.8	7.00	258.8	7.93	286.0	8.88
	25	146.3	4.56	173.5	5.36	202.5	6.24	215.3	6.69	229.8	7.18	258.8	8.14	286.0	9.13
	30	146.3	4.67	173.5	5.51	202.5	6.40	215.3	6.88	229.8	7.36	258.8	8.35	286.0	9.37
	35	146.3	4.78	173.5	5.65	202.5	6.56	215.3	7.06	229.8	7.55	258.8	8.56	286.0	9.62
	40	146.3	4.91	173.5	5.79	202.5	6.74	215.3	7.24	229.8	7.75	258.8	8.79	286.0	9.87
	45	146.3	4.96	173.5	5.84	202.5	6.79	215.3	7.30	229.8	7.82	258.8	8.86	286.0	9.94
	50	146.3	5.01	173.5	5.89	202.5	6.85	215.3	7.37	229.8	7.88	258.8	8.94	286.0	10.03
	55	146.3	5.07	173.5	6.00	202.5	6.99	215.3	7.51	229.8	8.02	258.8	9.12	286.0	10.21
	60	146.3	5.25	173.5	6.20	202.5	7.23	215.3	7.78	229.8	8.33	258.8	9.42	286.0	10.62
	65	146.3	5.31	173.5	6.31	202.5	7.37	215.3	7.91	229.8	8.46	258.8	9.63	286.0	10.83
	70	146.3	5.44	173.5	6.47	202.5	7.57	215.3	8.12	229.8	8.70	258.8	9.90	286.0	11.24
	75	146.3	5.55	173.5	6.58	202.5	7.71	215.3	8.30	229.8	8.97	258.8	10.48	286.0	11.97
	80	146.3	5.89	173.5	7.19	202.5	8.64	215.3	9.42	229.8	10.21	258.8	11.75	286.0	13.53
	85	146.3	6.27	173.5	7.64	202.5	9.18	215.3	10.03	229.8	10.93	258.8	12.36	286.0	13.96
	90	146.3	7.03	173.5	8.64	202.5	10.38	215.3	11.35	229.8	12.28	258.8	13.82	286.0	15.23
	95	146.3	7.43	173.5	9.15	202.5	11.03	215.3	12.10	229.8	13.00	258.8	14.45	286.0	16.03
	100	146.3	7.98	173.5	9.84	202.5	11.89	215.3	13.02	229.8	13.58	258.8	15.33	286.0	16.72
	105	146.3	9.08	173.5	11.20	202.5	13.13	215.3	13.89	229.8	14.78	258.8	16.28	286.0	18.23
	110	146.3	10.21	173.5	12.71	202.5	14.16	215.3	14.73	229.8	15.97	258.8	17.41	286.0	19.89
	115	146.3	10.93	173.5	13.57	202.5	14.72	215.3	15.59	229.8	16.53	258.8	18.41	286.0	21.25
	118	146.3	11.57	173.5	14.38	202.5	15.62	215.3	16.56	229.8	17.59	252.0	17.77	249.8	20.03
	122	146.3	12.47	173.5	15.56	202.5	16.92	201.2	16.80	194.7	15.56	202.3	13.47	201.1	15.22

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 heat recovery system synchronous operating range.
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).



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	3.07	144.7	3.61	168.8	4.04	180.0	4.35	191.3	4.69	215.3	5.20	237.8	5.76
	-5	121.5	3.24	144.7	3.80	168.8	4.26	180.0	4.59	191.3	4.94	215.3	5.49	237.8	6.08
	0	121.5	3.37	144.7	3.96	168.8	4.43	180.0	4.77	191.3	5.14	215.3	5.70	237.8	6.32
	5	121.5	3.48	144.7	4.11	168.8	4.59	180.0	4.95	191.3	5.33	215.3	5.91	237.8	6.55
	10	121.5	3.59	144.7	4.22	168.8	4.72	180.0	5.09	191.3	5.48	215.3	6.08	237.8	6.74
	14	121.5	3.72	144.7	4.38	168.8	4.90	180.0	5.28	191.3	5.68	215.3	6.31	237.8	6.98
	20	121.5	3.85	144.7	4.51	168.8	5.10	180.0	5.47	191.3	5.86	215.3	6.53	237.8	7.25
	25	121.5	3.97	144.7	4.62	168.8	5.27	180.0	5.62	191.3	6.02	215.3	6.72	237.8	7.48
	30	121.5	4.09	144.7	4.74	168.8	5.44	180.0	5.78	191.3	6.18	215.3	6.92	237.8	7.70
	35	121.5	4.19	144.7	4.86	168.8	5.57	180.0	5.94	191.3	6.34	215.3	7.11	237.8	7.90
	40	121.5	4.30	144.7	4.99	168.8	5.72	180.0	6.08	191.3	6.50	215.3	7.27	237.8	8.10
	45	121.5	4.37	144.7	5.06	168.8	5.80	180.0	6.17	191.3	6.58	215.3	7.38	237.8	8.22
	50	121.5	4.43	144.7	5.13	168.8	5.89	180.0	6.26	191.3	6.69	215.3	7.48	237.8	8.33
	55	121.5	4.52	144.7	5.23	168.8	5.98	180.0	6.36	191.3	6.78	215.3	7.63	237.8	8.47
	60	121.5	4.61	144.7	5.36	168.8	6.17	180.0	6.59	191.3	7.01	215.3	7.86	237.8	8.81
	65	121.5	4.66	144.7	5.46	168.8	6.26	180.0	6.69	191.3	7.11	215.3	8.01	237.8	8.94
	70	121.5	4.80	144.7	5.55	168.8	6.40	180.0	6.87	191.3	7.30	215.3	8.24	237.8	9.23
	75	121.5	4.85	144.7	5.65	168.8	6.55	180.0	6.97	191.3	7.43	215.3	8.38	237.8	9.42
	80	121.5	4.99	144.7	5.98	168.8	7.01	180.0	7.58	191.3	8.14	215.3	9.37	237.8	10.69
	85	121.5	5.32	144.7	6.31	168.8	7.43	180.0	8.05	191.3	8.67	215.3	9.98	237.8	11.40
	90	121.5	5.94	144.7	7.06	168.8	8.38	180.0	9.04	191.3	9.74	215.3	11.25	237.8	12.90
	95	121.5	6.26	144.7	7.48	168.8	8.85	180.0	9.60	191.3	10.35	215.3	11.96	237.8	13.70
	100	121.5	6.59	144.7	7.91	168.8	9.37	180.0	10.17	191.3	10.97	215.3	12.71	237.8	14.54
	105	121.5	7.21	144.7	8.73	168.8	10.37	180.0	11.22	191.3	12.14	215.3	14.09	237.8	16.18
	110	121.5	7.96	144.7	9.65	168.8	11.49	180.0	12.47	191.3	13.51	215.3	15.73	237.8	18.08
	115	121.5	8.52	144.7	10.35	168.8	12.34	180.0	13.42	191.3	14.54	215.3	16.95	237.8	19.49
	118	121.5	9.21	144.7	11.24	168.8	13.40	180.0	14.59	191.3	15.84	215.3	17.77	237.8	20.03
	122	121.5	10.16	144.7	12.42	168.8	14.83	180.0	16.20	191.3	15.56	202.3	13.47	201.1	15.22

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 heat recovery system synchronous operating range.
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).

COOLING CAPACITY DATA



ARUM384CTE5

384,000 Btu/h 575V Outdoor 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	349.2	8.84	414.8	10.72	482.1	12.73	499.9	13.74	507.0	14.82	524.6	16.99	537.1	17.55
	-5	349.2	9.32	414.8	11.31	482.1	13.43	499.9	14.49	507.0	15.64	524.6	17.92	537.1	18.52
	0	349.2	9.70	414.8	11.78	482.1	13.97	499.9	15.08	507.0	16.27	524.6	18.64	537.1	19.27
	5	349.2	10.06	414.8	12.21	482.1	14.49	499.9	15.63	507.0	16.86	524.6	19.32	537.1	19.97
	10	349.2	10.34	414.8	12.55	482.1	14.90	499.9	16.07	507.0	17.35	524.6	19.88	537.1	20.54
	14	349.2	10.72	414.8	13.00	482.1	15.44	499.9	16.66	507.0	17.97	524.6	20.60	537.1	21.28
	20	349.2	10.90	414.8	13.22	482.1	15.66	499.9	16.92	507.0	18.22	524.6	20.89	537.1	21.60
	25	349.2	11.06	414.8	13.39	482.1	15.85	499.9	17.13	507.0	18.43	524.6	21.12	537.1	21.85
	30	349.2	11.21	414.8	13.56	482.1	16.04	499.9	17.34	507.0	18.64	524.6	21.37	537.1	22.11
	35	349.2	11.33	414.8	13.74	482.1	16.23	499.9	17.53	507.0	18.87	524.6	21.62	537.1	22.37
	40	349.2	11.48	414.8	13.88	482.1	16.43	499.9	17.76	507.0	19.09	524.6	21.87	537.1	22.64
	45	349.2	11.60	414.8	14.03	482.1	16.61	499.9	17.94	507.0	19.27	524.6	22.11	537.1	22.86
	50	349.2	11.71	414.8	14.17	482.1	16.76	499.9	18.12	507.0	19.48	524.6	22.32	537.1	23.10
	55	349.2	11.91	414.8	14.43	482.1	17.08	492.8	18.51	499.9	19.86	517.4	22.71	529.9	23.26
	60	349.2	12.30	414.8	14.94	475.0	17.80	481.8	19.22	487.5	20.64	504.9	23.42	517.4	23.52
	65	349.2	12.55	414.8	15.27	467.9	18.12	475.0	19.61	480.4	21.03	497.7	24.20	510.2	24.39
	70	349.2	12.08	414.8	14.67	459.1	18.06	464.4	19.86	471.5	21.80	488.7	24.22	501.3	24.46
	75	349.2	12.38	414.8	15.64	452.1	19.32	457.3	21.32	464.4	23.38	481.6	25.37	494.1	25.55
	80	349.2	14.08	414.8	17.81	439.6	22.10	445.0	24.40	452.1	26.81	469.0	27.54	481.6	27.78
	85	349.2	14.98	414.8	19.02	432.5	23.61	439.6	26.03	445.0	28.44	461.9	28.69	474.5	28.93
	90	349.2	16.97	407.7	21.62	420.1	26.81	425.4	29.65	432.5	30.68	449.4	30.92	461.9	31.23
	95	352.9	17.99	404.8	23.01	417.4	28.62	424.5	31.64	429.9	31.77	446.9	32.07	459.6	32.37
	100	352.9	19.48	397.7	24.89	410.3	31.03	417.4	33.31	422.8	33.49	441.4	33.80	454.2	34.10
	105	352.9	21.96	387.0	28.16	399.5	35.00	405.7	35.81	411.9	36.00	426.1	36.33	432.3	36.67
	110	352.9	24.66	371.0	31.73	386.5	38.18	387.7	38.37	393.4	38.50	401.7	38.87	403.2	39.24
	115	351.1	28.53	357.5	36.49	357.5	40.24	357.5	40.24	357.5	40.24	362.7	40.32	364.3	40.39
	118	305.3	24.17	310.9	30.92	311.3	33.85	311.3	34.15	311.3	34.15	315.8	34.21	314.5	34.28
	122	243.9	18.34	249.3	23.51	248.1	25.77	248.7	25.82	249.3	25.86	253.5	25.93	253.2	26.04
120%	-9.9	317.7	8.33	379.2	10.09	440.7	11.96	472.2	12.89	493.3	13.90	515.7	15.94	526.4	16.47
	-5	317.7	8.78	379.2	10.65	440.7	12.61	472.2	13.60	493.3	14.67	515.7	16.81	526.4	17.38
	0	317.7	9.14	379.2	11.08	440.7	13.12	472.2	14.15	493.3	15.26	515.7	17.49	526.4	18.08
	5	317.7	9.48	379.2	11.49	440.7	13.60	472.2	14.67	493.3	15.82	515.7	18.13	526.4	18.74
	10	317.7	9.75	379.2	11.82	440.7	13.99	472.2	15.09	493.3	16.27	515.7	18.66	526.4	19.28
	14	317.7	10.11	379.2	12.25	440.7	14.49	472.2	15.64	493.3	16.86	515.7	19.32	526.4	19.97
	20	317.7	10.26	379.2	12.43	440.7	14.71	472.2	15.87	493.3	17.10	515.7	19.61	526.4	20.27
	25	317.7	10.39	379.2	12.58	440.7	14.88	472.2	16.07	493.3	17.30	515.7	19.83	526.4	20.51
	30	317.7	10.52	379.2	12.73	440.7	15.05	472.2	16.27	493.3	17.49	515.7	20.06	526.4	20.76
	35	317.7	10.66	379.2	12.88	440.7	15.24	472.2	16.49	493.3	17.71	515.7	20.29	526.4	21.01
	40	317.7	10.79	379.2	13.05	440.7	15.44	472.2	16.68	493.3	17.94	515.7	20.56	526.4	21.28
	45	317.7	10.92	379.2	13.19	440.7	15.61	472.2	16.88	493.3	18.14	515.7	20.78	526.4	21.52
	50	317.7	11.03	379.2	13.34	440.7	15.78	472.2	17.06	493.3	18.34	515.7	21.03	526.4	21.75
	55	317.7	11.21	379.2	13.59	440.7	16.09	472.2	17.43	488.0	18.71	508.6	21.39	521.1	21.91
	60	317.7	11.58	379.2	14.08	440.7	16.76	468.8	18.10	474.0	19.43	496.0	22.05	506.8	22.45
	65	317.7	11.82	379.2	14.38	440.7	17.06	461.7	18.46	468.8	19.81	488.9	22.79	501.4	22.97
	70	317.7	11.60	379.2	14.09	440.7	17.33	453.0	19.07	458.2	20.93	479.9	23.25	490.7	23.48
	75	317.7	11.89	379.2	15.01	440.7	18.55	445.9	20.47	453.0	22.44	472.7	24.35	485.3	24.53
	80	317.7	13.51	379.2	17.10	428.4	21.22	433.6	23.42	438.9	25.75	460.2	26.44	470.9	26.67
	85	317.7	14.38	379.2	18.26	421.3	22.67	426.6	24.99	433.6	27.31	453.0	27.54	465.6	27.78
	90	317.7	16.29	379.2	20.76	409.1	25.75	414.4	28.46	419.6	29.45	440.5	29.68	451.2	29.97
	95	321.1	17.28	383.3	22.09	406.2	27.48	411.6	30.38	418.7	30.49	437.9	30.78	450.6	31.08
	100	321.1	18.70	383.3	23.89	399.1	29.79	406.2	31.98	411.6	32.15	432.5	32.45	443.4	32.74
	105	321.1	21.07	377.1	27.05	388.6	33.62	394.8	34.37	400.0	34.57	419.9	34.87	426.9	35.19
	110	321.1	23.67	367.5	30.46	379.4	36.65	380.6	36.83	386.2	36.95	398.2	37.31	399.8	37.67
	115	312.2	27.39	354.0	35.04	354.0	38.64	354.0	38.64	354.0	38.64	362.7	38.71	364.4	38.77
	118	278.8	24.17	307.9	29.68	308.3	32.49	308.3	32.79	308.3	32.79	315.9	32.84	314.5	32.90
	122	222.8	18.34	246.9	22.57	245.7	24.73	246.3	24.80	246.9	24.82	253.7	24.89	253.2	25.00

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 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).

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	294.5	7.67	351.3	9.25	408.0	10.97	436.4	11.89	464.9	12.73	512.1	14.53	523.0	15.07
	-5	294.5	8.09	351.3	9.76	408.0	11.57	436.4	12.54	464.9	13.43	512.1	15.33	523.0	15.91
	0	294.5	8.42	351.3	10.15	408.0	12.03	436.4	13.04	464.9	13.97	512.1	15.95	523.0	16.54
	5	294.5	8.72	351.3	10.52	408.0	12.48	436.4	13.52	464.9	14.49	512.1	16.52	523.0	17.15
	10	294.5	8.98	351.3	10.83	408.0	12.84	436.4	13.91	464.9	14.90	512.1	17.01	523.0	17.64
	14	294.5	9.30	351.3	11.22	408.0	13.29	436.4	14.42	464.9	15.44	512.1	17.62	523.0	18.28
	20	294.5	9.43	351.3	11.40	408.0	13.50	436.4	14.62	464.9	15.68	512.1	17.92	523.0	18.57
	25	294.5	9.55	351.3	11.55	408.0	13.66	436.4	14.78	464.9	15.87	512.1	18.17	523.0	18.80
	30	294.5	9.66	351.3	11.69	408.0	13.83	436.4	14.95	464.9	16.07	512.1	18.42	523.0	19.03
	35	294.5	9.81	351.3	11.85	408.0	14.02	436.4	15.17	464.9	16.31	512.1	18.69	523.0	19.34
	40	294.5	9.95	351.3	12.03	408.0	14.22	436.4	15.37	464.9	16.54	512.1	18.95	523.0	19.58
	45	294.5	10.11	351.3	12.21	408.0	14.45	436.4	15.63	464.9	16.81	512.1	19.27	523.0	19.92
	50	294.5	10.27	351.3	12.43	408.0	14.69	436.4	15.89	464.9	17.08	512.1	19.57	523.0	20.22
	55	294.5	10.44	351.3	12.66	408.0	14.98	436.4	16.23	464.9	17.42	504.9	19.91	515.7	20.42
	60	294.5	10.78	351.3	13.11	408.0	15.60	436.4	16.85	464.9	18.10	492.2	20.54	503.1	20.72
	65	294.5	11.01	351.3	13.39	408.0	15.89	436.4	17.19	464.9	18.44	485.0	21.22	495.8	21.39
	70	294.5	11.12	351.3	13.51	408.0	16.63	436.4	18.29	456.0	20.07	475.9	22.29	486.8	22.52
	75	294.5	11.40	351.3	14.40	408.0	17.79	436.4	19.63	448.9	21.51	468.6	23.35	479.5	23.52
	80	291.5	12.95	347.7	16.40	403.9	20.35	426.7	22.46	432.0	24.69	451.4	25.35	462.1	25.57
	85	291.5	13.79	347.7	17.51	403.9	21.73	419.7	23.96	424.9	26.18	444.2	26.41	454.9	26.63
	90	291.5	15.62	347.7	19.90	402.1	24.69	407.4	27.30	412.6	28.24	431.6	28.46	442.5	28.75
	95	291.5	16.57	347.7	21.19	395.1	26.35	400.4	29.13	405.7	29.24	424.5	29.52	435.2	29.79
	100	291.5	17.94	347.7	22.91	389.8	28.57	395.1	30.66	400.4	30.83	419.2	31.12	429.9	31.39
	105	291.5	20.22	347.7	25.91	377.7	32.23	382.9	32.99	388.1	33.15	406.8	33.44	417.2	33.76
	110	291.5	22.70	347.7	29.21	366.0	35.14	367.1	35.32	372.5	35.43	384.1	35.78	385.6	36.13
	115	291.5	26.27	347.7	33.60	350.4	37.05	350.4	37.05	352.0	37.05	359.1	37.12	360.7	37.19
	118	281.6	23.93	302.4	28.46	305.1	31.15	305.1	31.44	306.5	31.44	312.6	31.49	311.3	31.55
	122	225.1	18.15	242.5	21.64	243.2	23.72	243.8	23.77	245.5	23.80	251.0	23.87	250.6	23.97
100%	-9.9	258.9	6.75	308.6	8.14	358.3	9.64	384.0	10.51	422.0	11.38	473.2	13.13	499.7	13.67
	-5	258.9	7.11	308.6	8.59	358.3	10.18	384.0	11.09	422.0	12.00	473.2	13.85	499.7	14.42
	0	258.9	7.40	308.6	8.94	358.3	10.59	384.0	11.54	422.0	12.48	473.2	14.40	499.7	15.00
	5	258.9	7.67	308.6	9.26	358.3	10.97	384.0	11.96	422.0	12.94	473.2	14.93	499.7	15.55
	10	258.9	7.90	308.6	9.53	358.3	11.29	384.0	12.30	422.0	13.31	473.2	15.36	499.7	16.00
	14	258.9	8.19	308.6	9.87	358.3	11.70	384.0	12.75	422.0	13.79	473.2	15.91	499.7	16.58
	20	258.9	8.44	308.6	10.20	358.3	12.07	384.0	13.11	422.0	14.24	473.2	16.38	499.7	17.04
	25	258.9	8.65	308.6	10.47	358.3	12.38	384.0	13.41	422.0	14.60	473.2	16.77	499.7	17.44
	30	258.9	8.87	308.6	10.72	358.3	12.69	384.0	13.72	422.0	14.96	473.2	17.15	499.7	17.83
	35	258.9	9.00	308.6	10.90	358.3	12.89	384.0	13.94	422.0	15.21	473.2	17.44	499.7	18.14
	40	258.9	9.16	308.6	11.08	358.3	13.09	384.0	14.15	422.0	15.45	473.2	17.71	499.7	18.41
	45	258.9	9.36	308.6	11.31	358.3	13.36	384.0	14.46	422.0	15.76	473.2	18.08	499.7	18.80
	50	258.9	9.53	308.6	11.53	358.3	13.64	384.0	14.75	422.0	16.09	473.2	18.44	499.7	19.18
	55	258.9	9.69	308.6	11.74	358.3	13.90	384.0	15.07	422.0	16.41	473.2	18.77	494.4	19.46
	60	258.9	10.00	308.6	12.17	358.3	14.49	384.0	15.64	422.0	17.06	471.5	19.36	480.3	19.81
	65	258.9	10.22	308.6	12.43	358.3	14.75	384.0	15.96	422.0	17.38	464.4	19.99	475.0	20.40
	70	258.9	10.54	308.6	12.80	358.3	15.75	384.0	17.33	422.0	19.30	455.5	21.44	464.4	21.82
	75	258.9	10.79	308.6	13.64	358.3	16.86	384.0	18.59	422.0	20.69	448.5	22.45	459.1	22.73
	80	258.9	12.27	308.6	15.54	358.3	19.28	384.0	21.28	422.0	23.74	436.1	24.38	445.0	24.71
	85	258.9	13.06	308.6	16.59	358.3	20.60	384.0	22.70	420.3	25.18	429.1	25.39	439.7	25.73
	90	258.9	14.80	308.6	18.86	358.3	23.38	384.0	25.86	406.1	27.15	416.7	27.37	425.6	27.78
	95	258.9	15.70	308.6	20.07	358.3	24.96	384.0	27.60	400.9	28.12	409.6	28.39	420.3	28.80
	100	258.9	16.95	308.6	21.66	358.3	27.00	377.1	28.98	394.0	29.58	404.3	29.85	413.4	30.27
	105	258.9	19.05	308.6	24.40	356.3	30.36	366.7	31.05	382.1	31.68	392.0	31.96	401.6	32.40
	110	258.9	21.28	308.6	27.40	352.2	32.95	360.2	33.12	367.5	33.73	373.3	34.06	380.1	34.55
	115	258.9	24.46	308.6	31.28	335.3	34.50	345.6	34.50	354.3	35.02	357.5	35.08	359.1	35.32
	118	258.9	24.67	270.7	29.34	291.9	29.02	300.9	29.27	308.4	29.72	311.3	29.77	310.0	29.97
	122	221.5	22.34	217.1	22.32	232.7	22.09	240.4	22.14	247.1	22.50	250.0	22.57	249.6	22.77

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 heat recovery system synchronous operating range.
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).

COOLING CAPACITY DATA



ARUM384CTE5

384,000 Btu/h 575V Outdoor 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	233.1	6.02	277.7	7.22	324.1	8.51	346.3	9.16	368.6	9.79	413.2	11.28	457.8	12.37
	-5	233.1	6.35	277.7	7.61	324.1	8.99	346.3	9.66	368.6	10.33	413.2	11.90	457.8	13.06
	0	233.1	6.61	277.7	7.92	324.1	9.35	346.3	10.06	368.6	10.74	413.2	12.37	457.8	13.59
	5	233.1	6.84	277.7	8.21	324.1	9.69	346.3	10.42	368.6	11.14	413.2	12.82	457.8	14.08
	10	233.1	7.04	277.7	8.44	324.1	9.97	346.3	10.72	368.6	11.46	413.2	13.20	457.8	14.49
	14	233.1	7.29	277.7	8.75	324.1	10.33	346.3	11.11	368.6	11.87	413.2	13.68	457.8	15.01
	20	233.1	7.56	277.7	9.08	324.1	10.72	346.3	11.54	368.6	12.37	413.2	14.17	457.8	15.59
	25	233.1	7.78	277.7	9.36	324.1	11.04	346.3	11.89	368.6	12.78	413.2	14.58	457.8	16.07
	30	233.1	8.01	277.7	9.63	324.1	11.36	346.3	12.25	368.6	13.19	413.2	14.98	457.8	16.54
	35	233.1	8.26	277.7	9.93	324.1	11.71	346.3	12.61	368.6	13.58	413.2	15.43	457.8	17.06
	40	233.1	8.49	277.7	10.22	324.1	12.05	346.3	13.00	368.6	13.99	413.2	15.89	457.8	17.55
	45	233.1	8.69	277.7	10.47	324.1	12.34	346.3	13.30	368.6	14.33	413.2	16.25	457.8	17.97
	50	233.1	8.89	277.7	10.69	324.1	12.61	346.3	13.60	368.6	14.64	413.2	16.63	457.8	18.35
	55	233.1	8.99	277.7	10.86	324.1	12.83	346.3	13.88	368.6	14.92	413.2	16.95	457.8	18.53
	60	233.1	9.32	277.7	11.30	324.1	13.32	346.3	14.42	368.6	15.52	413.2	17.61	453.9	18.74
	65	233.1	9.48	277.7	11.51	324.1	13.60	346.3	14.69	368.6	15.79	413.2	17.94	450.9	19.68
	70	233.1	9.76	277.7	11.85	324.1	14.09	346.3	15.52	368.6	16.95	413.2	20.01	442.3	21.14
	75	233.1	9.93	277.7	12.39	324.1	15.08	346.3	16.61	368.6	18.21	413.2	20.87	435.4	22.08
	80	233.1	11.13	277.7	14.04	324.1	17.22	346.3	18.97	368.6	20.78	413.2	23.07	423.5	24.01
	85	233.1	11.85	277.7	14.97	324.1	18.42	346.3	20.24	368.6	22.21	408.0	24.30	416.6	25.00
	90	233.1	13.38	277.7	16.95	324.1	20.89	346.3	23.02	368.6	25.28	396.1	26.59	404.6	26.99
	95	233.1	14.26	277.7	17.99	324.1	22.26	346.3	24.56	368.6	26.97	389.2	27.60	397.7	27.98
	100	233.1	14.72	277.7	18.75	324.1	23.19	346.3	25.54	368.6	27.57	384.0	28.79	390.9	29.11
	105	233.1	17.06	277.7	21.75	324.1	26.22	346.3	27.96	364.4	29.56	372.1	30.85	377.1	31.24
	110	233.1	19.59	277.7	25.08	324.1	28.77	346.3	30.19	349.7	32.05	354.3	33.15	357.2	33.52
	115	233.1	21.22	277.7	27.19	303.5	30.29	328.3	31.59	333.0	33.08	336.1	33.80	337.6	34.23
	118	233.1	22.53	270.7	29.34	264.2	25.47	285.9	26.80	289.9	28.07	292.6	28.68	291.4	29.05
	122	221.5	22.34	217.1	22.32	210.5	19.39	228.4	20.27	232.2	21.25	235.0	21.74	234.5	22.07
80%	-9.9	207.4	5.21	246.9	6.28	288.0	7.29	306.9	7.92	327.5	8.54	366.9	9.75	406.3	10.86
	-5	207.4	5.50	246.9	6.63	288.0	7.69	306.9	8.35	327.5	9.01	366.9	10.29	406.3	11.46
	0	207.4	5.72	246.9	6.89	288.0	8.01	306.9	8.69	327.5	9.37	366.9	10.70	406.3	11.92
	5	207.4	5.93	246.9	7.15	288.0	8.30	306.9	9.01	327.5	9.72	366.9	11.10	406.3	12.36
	10	207.4	6.10	246.9	7.35	288.0	8.53	306.9	9.27	327.5	10.00	366.9	11.42	406.3	12.71
	14	207.4	6.32	246.9	7.61	288.0	8.85	306.9	9.61	327.5	10.36	366.9	11.83	406.3	13.18
	20	207.4	6.56	246.9	7.89	288.0	9.20	306.9	9.97	327.5	10.72	366.9	12.25	406.3	13.68
	25	207.4	6.77	246.9	8.12	288.0	9.50	306.9	10.27	327.5	11.01	366.9	12.61	406.3	14.10
	30	207.4	6.97	246.9	8.34	288.0	9.79	306.9	10.56	327.5	11.31	366.9	12.97	406.3	14.53
	35	207.4	7.15	246.9	8.58	288.0	10.07	306.9	10.85	327.5	11.62	366.9	13.33	406.3	14.94
	40	207.4	7.35	246.9	8.80	288.0	10.33	306.9	11.15	327.5	11.94	366.9	13.69	406.3	15.33
	45	207.4	7.45	246.9	8.91	288.0	10.49	306.9	11.31	327.5	12.09	366.9	13.88	406.3	15.54
	50	207.4	7.56	246.9	9.05	288.0	10.62	306.9	11.46	327.5	12.27	366.9	14.06	406.3	15.75
	55	207.5	7.67	246.9	9.20	288.0	10.81	306.9	11.65	327.5	12.50	366.9	14.33	406.3	16.02
	60	207.5	7.94	246.9	9.50	288.0	11.19	306.9	12.07	327.5	13.00	366.9	14.83	406.3	16.68
	65	207.5	8.05	246.9	9.70	288.0	11.42	306.9	12.30	327.5	13.27	366.9	15.10	406.3	17.06
	70	207.5	8.28	246.9	9.97	288.0	11.76	306.9	12.69	327.5	13.81	366.9	16.29	406.3	18.86
	75	207.5	8.44	246.9	10.16	288.0	12.34	306.9	13.54	327.5	14.72	366.9	17.33	406.3	19.88
	80	207.5	9.23	246.9	11.54	288.0	14.06	306.9	15.37	327.5	16.79	366.9	19.93	406.3	22.22
	85	207.5	9.86	246.9	12.27	288.0	14.99	306.9	16.41	327.5	17.98	366.9	21.24	406.3	22.79
	90	207.5	11.08	246.9	13.92	288.0	16.95	306.9	18.63	327.5	20.43	366.9	23.34	399.7	24.15
	95	207.5	11.76	246.9	14.72	288.0	18.10	306.9	19.78	327.5	21.73	366.9	24.15	391.1	24.81
	100	207.4	12.69	246.9	15.87	288.0	19.52	306.9	21.19	327.5	22.59	366.9	25.14	382.3	25.61
	105	207.4	14.46	246.9	18.16	288.0	21.73	306.9	22.74	327.5	24.23	362.5	26.14	371.4	26.88
	110	207.5	16.41	246.9	20.70	288.0	23.04	306.9	24.29	327.5	26.11	349.7	27.10	351.5	28.27
	115	207.5	17.56	246.9	22.12	288.0	23.81	306.9	25.53	306.9	26.72	308.8	27.71	308.8	29.39
	118	207.5	18.64	246.9	23.51	264.2	25.47	269.5	24.23	267.2	22.67	268.8	23.52	266.5	24.94
	122	207.5	20.15	217.8	22.17	210.5	19.39	215.3	18.33	214.0	17.17	215.8	17.83	214.6	18.95

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 heat recovery system synchronous operating range.
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).

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	181.7	4.60	216.0	5.47	252.1	6.43	269.2	6.89	286.3	7.34	320.6	8.41	356.6	9.41
	-5	181.7	4.85	216.0	5.77	252.1	6.79	269.2	7.27	286.3	7.74	320.6	8.87	356.6	9.93
	0	181.7	5.05	216.0	6.00	252.1	7.06	269.2	7.56	286.3	8.06	320.6	9.23	356.6	10.33
	5	181.7	5.24	216.0	6.23	252.1	7.32	269.2	7.83	286.3	8.35	320.6	9.57	356.6	10.70
	10	181.7	5.39	216.0	6.40	252.1	7.54	269.2	8.06	286.3	8.59	320.6	9.84	356.6	11.01
	14	181.7	5.58	216.0	6.63	252.1	7.81	269.2	8.35	286.3	8.91	320.6	10.20	356.6	11.42
	20	181.7	5.78	216.0	6.86	252.1	8.05	269.2	8.63	286.3	9.21	320.6	10.52	356.6	11.80
	25	181.7	5.93	216.0	7.04	252.1	8.26	269.2	8.86	286.3	9.46	320.6	10.79	356.6	12.12
	30	181.7	6.09	216.0	7.22	252.1	8.46	269.2	9.09	286.3	9.72	320.6	11.06	356.6	12.44
	35	181.7	6.27	216.0	7.42	252.1	8.69	269.2	9.33	286.3	9.99	320.6	11.35	356.6	12.78
	40	181.7	6.41	216.0	7.61	252.1	8.91	269.2	9.57	286.3	10.24	320.6	11.65	356.6	13.09
	45	181.7	6.52	216.0	7.72	252.1	9.05	269.2	9.75	286.3	10.40	320.6	11.84	356.6	13.30
	50	181.7	6.63	216.0	7.86	252.1	9.20	269.2	9.89	286.3	10.58	320.6	12.03	356.6	13.54
	55	181.7	6.75	216.0	8.01	252.1	9.35	269.2	10.04	286.3	10.77	320.6	12.27	356.6	13.81
	60	181.7	6.93	216.0	8.28	252.1	9.70	269.2	10.43	286.3	11.15	320.6	12.73	356.6	14.33
	65	181.7	7.06	216.0	8.44	252.1	9.86	269.2	10.62	286.3	11.38	320.6	12.96	356.6	14.56
	70	181.7	7.24	216.0	8.66	252.1	10.16	269.2	10.92	286.3	11.73	320.6	13.42	356.6	15.48
	75	181.7	7.36	216.0	8.82	252.1	10.35	269.2	11.31	286.3	12.27	320.6	14.33	356.6	16.40
	80	181.7	7.94	216.0	9.73	252.1	11.76	269.2	12.84	286.3	13.92	320.6	15.86	356.6	18.19
	85	181.7	8.44	216.0	10.35	252.1	12.53	269.2	13.68	286.3	14.99	320.6	16.89	356.6	18.96
	90	181.7	9.47	216.0	11.69	252.1	14.18	269.2	15.48	286.3	16.95	320.6	18.83	356.6	20.58
	95	181.7	10.00	216.0	12.42	252.1	15.10	269.2	16.52	286.3	17.98	320.6	19.81	356.6	21.20
	100	181.7	10.81	216.0	13.42	252.1	16.29	269.2	17.83	286.3	18.51	320.6	20.73	356.6	21.80
	105	181.7	12.25	216.0	15.29	252.1	17.97	269.2	19.02	286.3	20.12	320.6	21.83	356.6	23.07
	110	181.7	13.81	216.0	17.33	252.1	19.02	269.2	20.16	286.3	21.82	320.6	22.74	346.3	24.81
	115	181.7	14.83	216.0	18.48	252.1	19.66	269.2	21.31	286.3	22.45	320.6	23.43	326.4	26.41
	118	181.7	15.75	216.0	19.63	252.1	20.89	269.2	22.59	260.5	22.45	268.8	19.88	266.5	22.41
	122	181.7	16.99	216.0	21.26	224.9	19.95	215.1	18.57	208.7	16.99	215.8	15.07	214.6	17.03
60%	-9.9	156.1	3.99	185.1	4.63	216.0	5.44	229.7	5.80	245.2	6.25	276.1	7.08	305.1	7.92
	-5	156.1	4.21	185.1	4.89	216.0	5.73	229.7	6.13	245.2	6.59	276.1	7.47	305.1	8.35
	0	156.1	4.38	185.1	5.08	216.0	5.96	229.7	6.37	245.2	6.86	276.1	7.77	305.1	8.69
	5	156.1	4.54	185.1	5.26	216.0	6.18	229.7	6.61	245.2	7.11	276.1	8.06	305.1	9.00
	10	156.1	4.67	185.1	5.42	216.0	6.36	229.7	6.80	245.2	7.32	276.1	8.28	305.1	9.26
	14	156.1	4.83	185.1	5.62	216.0	6.59	229.7	7.04	245.2	7.58	276.1	8.59	305.1	9.60
	20	156.1	4.99	185.1	5.82	216.0	6.81	229.7	7.29	245.2	7.83	276.1	8.87	305.1	9.93
	25	156.1	5.10	185.1	5.99	216.0	6.98	229.7	7.49	245.2	8.03	276.1	9.11	305.1	10.22
	30	156.1	5.23	185.1	6.16	216.0	7.16	229.7	7.70	245.2	8.24	276.1	9.34	305.1	10.49
	35	156.1	5.35	185.1	6.32	216.0	7.34	229.7	7.90	245.2	8.44	276.1	9.57	305.1	10.76
	40	156.1	5.50	185.1	6.48	216.0	7.54	229.7	8.10	245.2	8.67	276.1	9.84	305.1	11.04
	45	156.1	5.55	185.1	6.54	216.0	7.59	229.7	8.17	245.2	8.75	276.1	9.91	305.1	11.12
	50	156.1	5.60	185.1	6.59	216.0	7.67	229.7	8.24	245.2	8.82	276.1	10.00	305.1	11.23
	55	156.1	5.67	185.1	6.71	216.0	7.82	229.7	8.40	245.2	8.97	276.1	10.20	305.1	11.42
	60	156.1	5.87	185.1	6.93	216.0	8.08	229.7	8.71	245.2	9.32	276.1	10.54	305.1	11.89
	65	156.1	5.94	185.1	7.06	216.0	8.24	229.7	8.85	245.2	9.47	276.1	10.77	305.1	12.12
	70	156.1	6.09	185.1	7.24	216.0	8.47	229.7	9.09	245.2	9.73	276.1	11.08	305.1	12.57
	75	156.1	6.21	185.1	7.36	216.0	8.62	229.7	9.28	245.2	10.04	276.1	11.73	305.1	13.39
	80	156.1	6.59	185.1	8.05	216.0	9.66	229.7	10.54	245.2	11.42	276.1	13.14	305.1	15.14
	85	156.1	7.02	185.1	8.55	216.0	10.27	229.7	11.23	245.2	12.23	276.1	13.83	305.1	15.62
	90	156.1	7.86	185.1	9.66	216.0	11.62	229.7	12.69	245.2	13.74	276.1	15.46	305.1	17.04
	95	156.1	8.32	185.1	10.24	216.0	12.34	229.7	13.54	245.2	14.54	276.1	16.16	305.1	17.94
	100	156.1	8.93	185.1	11.01	216.0	13.30	229.7	14.56	245.2	15.19	276.1	17.15	305.1	18.71
	105	156.1	10.16	185.1	12.53	216.0	14.69	229.7	15.54	245.2	16.54	276.1	18.21	305.1	20.40
	110	156.1	11.42	185.1	14.22	216.0	15.84	229.7	16.48	245.2	17.87	276.1	19.48	305.1	22.25
	115	156.1	12.23	185.1	15.18	216.0	16.46	229.7	17.44	245.2	18.50	276.1	20.59	305.1	23.77
	118	156.1	12.95	185.1	16.09	216.0	17.47	229.7	18.53	245.2	19.68	268.8	19.88	266.5	22.41
	122	156.1	13.95	185.1	17.40	216.0	18.93	214.6	18.80	207.7	17.40	215.8	15.07	214.6	17.03

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 heat recovery system synchronous operating range.
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).

COOLING CAPACITY DATA



ARUM384CTE5

384,000 Btu/h 575V Outdoor 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
50%		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
	-9.9	129.6	3.43	154.3	4.04	180.1	4.52	192.0	4.87	204.1	5.24	229.7	5.82	253.7	6.45
	-5	129.6	3.62	154.3	4.26	180.1	4.76	192.0	5.14	204.1	5.53	229.7	6.14	253.7	6.80
	0	129.6	3.77	154.3	4.43	180.1	4.96	192.0	5.34	204.1	5.75	229.7	6.38	253.7	7.08
	5	129.6	3.90	154.3	4.59	180.1	5.14	192.0	5.53	204.1	5.96	229.7	6.61	253.7	7.33
	10	129.6	4.02	154.3	4.72	180.1	5.28	192.0	5.69	204.1	6.13	229.7	6.80	253.7	7.54
	14	129.6	4.16	154.3	4.90	180.1	5.48	192.0	5.91	204.1	6.35	229.7	7.05	253.7	7.81
	20	129.6	4.31	154.3	5.05	180.1	5.71	192.0	6.12	204.1	6.56	229.7	7.31	253.7	8.12
	25	129.6	4.44	154.3	5.17	180.1	5.89	192.0	6.29	204.1	6.73	229.7	7.52	253.7	8.37
	30	129.6	4.58	154.3	5.30	180.1	6.08	192.0	6.47	204.1	6.91	229.7	7.74	253.7	8.62
	35	129.6	4.69	154.3	5.44	180.1	6.23	192.0	6.65	204.1	7.09	229.7	7.95	253.7	8.83
	40	129.6	4.81	154.3	5.58	180.1	6.40	192.0	6.81	204.1	7.27	229.7	8.14	253.7	9.07
	45	129.6	4.88	154.3	5.66	180.1	6.48	192.0	6.90	204.1	7.37	229.7	8.26	253.7	9.19
	50	129.6	4.95	154.3	5.74	180.1	6.59	192.0	7.00	204.1	7.48	229.7	8.37	253.7	9.32
	55	129.6	5.06	154.3	5.85	180.1	6.69	192.0	7.11	204.1	7.58	229.7	8.53	253.7	9.48
	60	129.6	5.16	154.3	6.00	180.1	6.90	192.0	7.38	204.1	7.85	229.7	8.80	253.7	9.85
	65	129.6	5.21	154.3	6.11	180.1	7.00	192.0	7.48	204.1	7.95	229.7	8.96	253.7	10.00
	70	129.6	5.37	154.3	6.21	180.1	7.16	192.0	7.69	204.1	8.17	229.7	9.21	253.7	10.32
	75	129.6	5.42	154.3	6.32	180.1	7.32	192.0	7.79	204.1	8.32	229.7	9.37	253.7	10.54
	80	129.6	5.58	154.3	6.69	180.1	7.85	192.0	8.48	204.1	9.11	229.7	10.48	253.7	11.96
	85	129.6	5.95	154.3	7.06	180.1	8.32	192.0	9.01	204.1	9.69	229.7	11.17	253.7	12.75
	90	129.6	6.64	154.3	7.90	180.1	9.37	192.0	10.11	204.1	10.90	229.7	12.59	253.7	14.44
	95	129.6	7.00	154.3	8.37	180.1	9.90	192.0	10.74	204.1	11.58	229.7	13.38	253.7	15.33
	100	129.6	7.38	154.3	8.85	180.1	10.48	192.0	11.38	204.1	12.27	229.7	14.22	253.7	16.27
	105	129.6	8.06	154.3	9.77	180.1	11.60	192.0	12.55	204.1	13.58	229.7	15.76	253.7	18.10
	110	129.6	8.90	154.3	10.79	180.1	12.85	192.0	13.96	204.1	15.12	229.7	17.60	253.7	20.22
	115	129.6	9.53	154.3	11.58	180.1	13.81	192.0	15.01	204.1	16.27	229.7	18.96	253.7	21.80
	118	129.6	10.30	154.3	12.57	180.1	15.00	192.0	16.32	204.1	17.72	229.7	19.88	253.7	22.41
	122	129.6	11.36	154.3	13.90	180.1	16.59	192.0	18.12	204.1	17.40	215.8	15.07	214.6	17.03

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 heat recovery system synchronous operating range.

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).

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
130%	-9.9	371.0	9.28	440.7	11.26	512.3	13.37	531.1	14.42	538.7	15.56	557.4	17.84	570.6	18.43
	-5	371.0	9.79	440.7	11.88	512.3	14.10	531.1	15.22	538.7	16.42	557.4	18.82	570.6	19.44
	0	371.0	10.18	440.7	12.37	512.3	14.67	531.1	15.84	538.7	17.08	557.4	19.57	570.6	20.23
	5	371.0	10.56	440.7	12.82	512.3	15.21	531.1	16.41	538.7	17.70	557.4	20.29	570.6	20.97
	10	371.0	10.86	440.7	13.18	512.3	15.65	531.1	16.88	538.7	18.21	557.4	20.87	570.6	21.57
	14	371.0	11.26	440.7	13.65	512.3	16.21	531.1	17.50	538.7	18.87	557.4	21.63	570.6	22.35
	20	371.0	11.45	440.7	13.88	512.3	16.44	531.1	17.76	538.7	19.14	557.4	21.93	570.6	22.68
	25	371.0	11.61	440.7	14.06	512.3	16.65	531.1	17.99	538.7	19.35	557.4	22.18	570.6	22.95
	30	371.0	11.77	440.7	14.24	512.3	16.84	531.1	18.21	538.7	19.57	557.4	22.43	570.6	23.21
	35	371.0	11.90	440.7	14.42	512.3	17.04	531.1	18.41	538.7	19.81	557.4	22.70	570.6	23.49
	40	371.0	12.05	440.7	14.58	512.3	17.25	531.1	18.65	538.7	20.04	557.4	22.97	570.6	23.77
	45	371.0	12.18	440.7	14.73	512.3	17.44	531.1	18.84	538.7	20.23	557.4	23.21	570.6	24.01
	50	371.0	12.30	440.7	14.88	512.3	17.59	531.1	19.02	538.7	20.45	557.4	23.44	570.6	24.25
	55	371.0	12.50	440.7	15.16	512.3	17.93	523.6	19.44	531.1	20.86	549.7	23.85	563.1	24.42
	60	371.0	12.91	440.7	15.69	504.7	18.68	511.9	20.18	517.9	21.67	536.4	24.59	549.7	24.70
	65	371.0	13.18	440.7	16.03	497.2	19.02	504.7	20.59	510.4	22.08	528.9	25.41	542.1	25.61
	70	371.0	12.69	440.7	15.41	487.7	18.96	493.4	20.86	501.0	22.89	519.3	25.43	532.6	25.68
	75	371.0	13.00	440.7	16.42	480.3	20.29	485.9	22.38	493.4	24.55	511.7	26.64	525.0	26.83
	80	371.0	14.78	440.7	18.71	467.1	23.21	472.8	25.62	480.3	28.15	498.3	28.92	511.7	29.17
	85	371.0	15.73	440.7	19.97	459.6	24.79	467.1	27.34	472.8	29.87	490.7	30.13	504.1	30.38
	90	371.0	17.82	433.1	22.70	446.3	28.15	452.0	31.13	459.6	32.22	477.5	32.47	490.7	32.79
	95	375.0	18.89	430.1	24.16	443.5	30.06	451.1	33.23	456.8	33.35	474.9	33.67	488.3	33.99
	100	375.0	20.46	422.5	26.13	435.9	32.58	443.5	34.97	449.2	35.16	469.0	35.49	482.6	35.81
	105	375.0	23.06	411.2	29.56	424.4	36.75	431.0	37.60	437.6	37.80	452.7	38.14	459.3	38.51
	110	375.0	25.89	394.2	33.32	410.7	40.09	411.9	40.29	418.0	40.42	426.9	40.82	428.4	41.20
	115	373.1	29.96	379.9	38.32	379.9	42.26	379.9	42.26	379.9	42.26	385.3	42.33	387.1	42.41
	118	324.4	25.38	330.3	32.47	330.7	35.54	330.7	35.86	330.7	35.86	335.5	35.92	334.1	35.99
	122	259.2	19.25	264.9	24.68	263.6	27.05	264.3	27.11	264.9	27.15	269.4	27.23	269.0	27.34
120%	-9.9	337.6	8.75	402.9	10.60	468.2	12.56	501.7	13.54	524.2	14.60	548.0	16.74	559.3	17.29
	-5	337.6	9.22	402.9	11.18	468.2	13.24	501.7	14.28	524.2	15.40	548.0	17.65	559.3	18.25
	0	337.6	9.60	402.9	11.63	468.2	13.78	501.7	14.86	524.2	16.02	548.0	18.37	559.3	18.99
	5	337.6	9.95	402.9	12.06	468.2	14.28	501.7	15.40	524.2	16.61	548.0	19.04	559.3	19.68
	10	337.6	10.24	402.9	12.41	468.2	14.69	501.7	15.84	524.2	17.08	548.0	19.59	559.3	20.25
	14	337.6	10.61	402.9	12.86	468.2	15.22	501.7	16.42	524.2	17.70	548.0	20.29	559.3	20.97
	20	337.6	10.77	402.9	13.05	468.2	15.44	501.7	16.67	524.2	17.95	548.0	20.59	559.3	21.28
	25	337.6	10.91	402.9	13.21	468.2	15.63	501.7	16.88	524.2	18.16	548.0	20.82	559.3	21.53
	30	337.6	11.05	402.9	13.37	468.2	15.80	501.7	17.09	524.2	18.37	548.0	21.06	559.3	21.79
	35	337.6	11.20	402.9	13.52	468.2	16.00	501.7	17.31	524.2	18.59	548.0	21.31	559.3	22.06
	40	337.6	11.33	402.9	13.71	468.2	16.21	501.7	17.52	524.2	18.84	548.0	21.59	559.3	22.34
	45	337.6	11.46	402.9	13.85	468.2	16.39	501.7	17.73	524.2	19.04	548.0	21.82	559.3	22.59
	50	337.6	11.58	402.9	14.01	468.2	16.57	501.7	17.91	524.2	19.25	548.0	22.08	559.3	22.84
	55	337.6	11.77	402.9	14.27	468.2	16.89	501.7	18.30	518.5	19.64	540.4	22.46	553.6	23.01
	60	337.6	12.16	402.9	14.78	468.2	17.59	498.1	19.00	503.6	20.41	527.0	23.16	538.5	23.57
	65	337.6	12.41	402.9	15.10	468.2	17.91	490.6	19.38	498.1	20.80	519.4	23.93	532.7	24.12
	70	337.6	12.18	402.9	14.80	468.2	18.20	481.3	20.03	486.8	21.98	509.9	24.41	521.3	24.66
	75	337.6	12.48	402.9	15.76	468.2	19.48	473.8	21.49	481.3	23.56	502.3	25.57	515.6	25.75
	80	337.6	14.18	402.9	17.95	455.2	22.28	460.7	24.59	466.4	27.03	489.0	27.76	500.4	28.00
	85	337.6	15.10	402.9	19.18	447.7	23.80	453.3	26.24	460.7	28.68	481.3	28.92	494.7	29.16
	90	337.6	17.10	402.9	21.80	434.6	27.03	440.3	29.89	445.8	30.92	468.1	31.17	479.4	31.47
	95	341.2	18.14	407.2	23.19	431.6	28.85	437.3	31.90	444.8	32.02	465.3	32.32	478.8	32.63
	100	341.2	19.63	407.2	25.08	424.1	31.28	431.6	33.58	437.3	33.75	459.5	34.07	471.1	34.38
	105	341.2	22.12	400.7	28.40	412.9	35.30	419.5	36.09	425.0	36.30	446.1	36.61	453.5	36.95
	110	341.2	24.85	390.5	31.98	403.1	38.48	404.4	38.67	410.3	38.80	423.1	39.18	424.8	39.56
	115	331.7	28.76	376.1	36.79	376.1	40.57	376.1	40.57	376.1	40.57	385.4	40.65	387.2	40.71
	118	296.2	25.38	327.1	31.17	327.5	34.11	327.5	34.43	327.5	34.43	335.6	34.49	334.2	34.54
	122	236.7	19.25	262.4	23.70	261.0	25.97	261.7	26.04	262.4	26.06	269.5	26.14	269.0	26.25

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 heat recovery system synchronous operating range.
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).

COOLING CAPACITY DATA



ARUM408CTE5

408,000 Btu/h 575V Outdoor 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	312.9	8.05	373.2	9.71	433.5	11.52	463.7	12.48	493.9	13.37	544.2	15.25	555.7	15.82
	-5	312.9	8.50	373.2	10.25	433.5	12.14	463.7	13.16	493.9	14.11	544.2	16.10	555.7	16.70
	0	312.9	8.84	373.2	10.66	433.5	12.63	463.7	13.69	493.9	14.67	544.2	16.74	555.7	17.37
	5	312.9	9.16	373.2	11.05	433.5	13.10	463.7	14.20	493.9	15.21	544.2	17.35	555.7	18.01
	10	312.9	9.42	373.2	11.37	433.5	13.48	463.7	14.61	493.9	15.65	544.2	17.86	555.7	18.52
	14	312.9	9.77	373.2	11.78	433.5	13.96	463.7	15.14	493.9	16.22	544.2	18.50	555.7	19.19
	20	312.9	9.90	373.2	11.97	433.5	14.17	463.7	15.35	493.9	16.46	544.2	18.82	555.7	19.49
	25	312.9	10.03	373.2	12.12	433.5	14.35	463.7	15.52	493.9	16.67	544.2	19.08	555.7	19.74
	30	312.9	10.15	373.2	12.28	433.5	14.52	463.7	15.70	493.9	16.87	544.2	19.34	555.7	19.99
	35	312.9	10.30	373.2	12.45	433.5	14.72	463.7	15.93	493.9	17.12	544.2	19.63	555.7	20.31
	40	312.9	10.44	373.2	12.63	433.5	14.93	463.7	16.14	493.9	17.36	544.2	19.89	555.7	20.56
	45	312.9	10.62	373.2	12.82	433.5	15.18	463.7	16.41	493.9	17.65	544.2	20.23	555.7	20.91
	50	312.9	10.78	373.2	13.05	433.5	15.43	463.7	16.68	493.9	17.93	544.2	20.55	555.7	21.23
	55	312.9	10.96	373.2	13.29	433.5	15.73	463.7	17.04	493.9	18.29	536.4	20.91	548.0	21.44
	60	312.9	11.32	373.2	13.76	433.5	16.38	463.7	17.69	493.9	19.01	523.0	21.57	534.5	21.76
	65	312.9	11.56	373.2	14.06	433.5	16.68	463.7	18.05	493.9	19.36	515.3	22.28	526.8	22.46
	70	312.9	11.67	373.2	14.18	433.5	17.46	463.7	19.21	484.5	21.08	505.7	23.40	517.2	23.64
	75	312.9	11.97	373.2	15.12	433.5	18.68	463.7	20.61	476.9	22.59	497.9	24.51	509.5	24.70
	80	309.7	13.60	369.4	17.22	429.1	21.36	453.4	23.59	459.0	25.92	479.6	26.62	491.0	26.85
	85	309.7	14.48	369.4	18.39	429.1	22.82	445.9	25.16	451.5	27.49	472.0	27.73	483.4	27.96
	90	309.7	16.40	369.4	20.89	427.3	25.92	432.9	28.66	438.4	29.66	458.6	29.89	470.1	30.18
	95	309.7	17.40	369.4	22.24	419.7	27.66	425.4	30.58	431.0	30.70	451.0	31.00	462.4	31.28
	100	309.7	18.83	369.4	24.06	414.2	30.00	419.7	32.19	425.4	32.37	445.4	32.67	456.7	32.96
	105	309.7	21.23	369.4	27.21	401.3	33.84	406.9	34.63	412.4	34.80	432.2	35.11	443.3	35.45
	110	309.7	23.83	369.4	30.67	388.9	36.90	390.0	37.09	395.8	37.20	408.2	37.57	409.7	37.93
	115	309.7	27.58	369.4	35.28	372.3	38.90	372.3	38.90	374.0	38.90	381.5	38.97	383.2	39.04
	118	299.2	25.13	321.3	29.89	324.2	32.71	324.2	33.01	325.6	33.01	332.1	33.07	330.8	33.13
	122	239.1	19.06	257.6	22.72	258.4	24.90	259.0	24.96	260.8	24.99	266.7	25.06	266.3	25.17
100%	-9.9	275.0	7.09	327.9	8.54	380.6	10.13	408.0	11.03	448.4	11.95	502.8	13.78	530.9	14.35
	-5	275.0	7.47	327.9	9.02	380.6	10.69	408.0	11.65	448.4	12.60	502.8	14.54	530.9	15.14
	0	275.0	7.77	327.9	9.39	380.6	11.12	408.0	12.12	448.4	13.11	502.8	15.12	530.9	15.75
	5	275.0	8.05	327.9	9.73	380.6	11.52	408.0	12.56	448.4	13.59	502.8	15.67	530.9	16.33
	10	275.0	8.29	327.9	10.01	380.6	11.86	408.0	12.92	448.4	13.98	502.8	16.12	530.9	16.80
	14	275.0	8.59	327.9	10.37	380.6	12.29	408.0	13.39	448.4	14.48	502.8	16.71	530.9	17.40
	20	275.0	8.86	327.9	10.71	380.6	12.67	408.0	13.77	448.4	14.95	502.8	17.20	530.9	17.90
	25	275.0	9.09	327.9	10.99	380.6	12.99	408.0	14.08	448.4	15.33	502.8	17.61	530.9	18.31
	30	275.0	9.31	327.9	11.26	380.6	13.33	408.0	14.40	448.4	15.71	502.8	18.01	530.9	18.73
	35	275.0	9.45	327.9	11.45	380.6	13.54	408.0	14.63	448.4	15.97	502.8	18.31	530.9	19.04
	40	275.0	9.61	327.9	11.63	380.6	13.75	408.0	14.86	448.4	16.22	502.8	18.59	530.9	19.33
	45	275.0	9.82	327.9	11.88	380.6	14.03	408.0	15.18	448.4	16.55	502.8	18.98	530.9	19.74
	50	275.0	10.01	327.9	12.11	380.6	14.33	408.0	15.48	448.4	16.90	502.8	19.37	530.9	20.14
	55	275.0	10.18	327.9	12.33	380.6	14.60	408.0	15.82	448.4	17.23	502.8	19.70	525.3	20.44
	60	275.0	10.50	327.9	12.78	380.6	15.21	408.0	16.42	448.4	17.91	500.9	20.32	510.3	20.80
	65	275.0	10.73	327.9	13.05	380.6	15.48	408.0	16.76	448.4	18.25	493.4	20.99	504.7	21.42
	70	275.0	11.06	327.9	13.44	380.6	16.54	408.0	18.20	448.4	20.27	484.0	22.51	493.4	22.91
	75	275.0	11.33	327.9	14.33	380.6	17.70	408.0	19.52	448.4	21.72	476.5	23.57	487.7	23.87
	80	275.0	12.88	327.9	16.31	380.6	20.25	408.0	22.34	448.4	24.93	463.4	25.60	472.8	25.95
	85	275.0	13.71	327.9	17.42	380.6	21.63	408.0	23.83	446.5	26.44	455.9	26.66	467.1	27.02
	90	275.0	15.54	327.9	19.80	380.6	24.55	408.0	27.15	431.5	28.51	442.8	28.74	452.2	29.17
	95	275.0	16.48	327.9	21.08	380.6	26.21	408.0	28.98	425.9	29.53	435.2	29.81	446.5	30.24
	100	275.0	17.80	327.9	22.74	380.6	28.35	400.7	30.43	418.6	31.05	429.5	31.34	439.2	31.79
	105	275.0	20.00	327.9	25.62	378.6	31.88	389.7	32.60	405.9	33.26	416.5	33.56	426.7	34.02
	110	275.0	22.35	327.9	28.77	374.2	34.60	382.7	34.77	390.4	35.41	396.7	35.76	403.8	36.28
	115	275.0	25.68	327.9	32.85	356.2	36.22	367.2	36.22	376.4	36.77	379.9	36.84	381.6	37.09
	118	275.0	25.90	287.6	30.81	310.1	30.47	319.8	30.73	327.7	31.20	330.8	31.26	329.4	31.47
	122	235.3	23.45	230.6	23.43	247.2	23.19	255.4	23.25	262.5	23.62	265.6	23.70	265.2	23.91

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 heat recovery system synchronous operating range.
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).

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	6.32	295.1	7.58	344.3	8.94	367.9	9.62	391.6	10.28	439.0	11.84	486.4	12.99
	-5	247.7	6.67	295.1	7.99	344.3	9.44	367.9	10.15	391.6	10.84	439.0	12.50	486.4	13.71
	0	247.7	6.94	295.1	8.31	344.3	9.82	367.9	10.56	391.6	11.28	439.0	12.99	486.4	14.27
	5	247.7	7.19	295.1	8.62	344.3	10.18	367.9	10.94	391.6	11.69	439.0	13.47	486.4	14.78
	10	247.7	7.39	295.1	8.86	344.3	10.47	367.9	11.26	391.6	12.03	439.0	13.86	486.4	15.21
	14	247.7	7.66	295.1	9.18	344.3	10.84	367.9	11.67	391.6	12.46	439.0	14.36	486.4	15.76
	20	247.7	7.94	295.1	9.54	344.3	11.25	367.9	12.12	391.6	12.99	439.0	14.87	486.4	16.37
	25	247.7	8.17	295.1	9.82	344.3	11.59	367.9	12.49	391.6	13.42	439.0	15.31	486.4	16.87
	30	247.7	8.41	295.1	10.11	344.3	11.93	367.9	12.86	391.6	13.85	439.0	15.73	486.4	17.37
	35	247.7	8.67	295.1	10.43	344.3	12.29	367.9	13.24	391.6	14.26	439.0	16.20	486.4	17.91
	40	247.7	8.92	295.1	10.73	344.3	12.66	367.9	13.65	391.6	14.69	439.0	16.69	486.4	18.42
	45	247.7	9.13	295.1	10.99	344.3	12.95	367.9	13.97	391.6	15.04	439.0	17.07	486.4	18.87
	50	247.7	9.33	295.1	11.22	344.3	13.24	367.9	14.28	391.6	15.37	439.0	17.46	486.4	19.27
	55	247.7	9.44	295.1	11.40	344.3	13.47	367.9	14.57	391.6	15.66	439.0	17.80	486.4	19.46
	60	247.7	9.79	295.1	11.86	344.3	13.99	367.9	15.14	391.6	16.29	439.0	18.49	482.2	19.68
	65	247.7	9.96	295.1	12.09	344.3	14.28	367.9	15.43	391.6	16.58	439.0	18.83	479.0	20.66
	70	247.7	10.25	295.1	12.44	344.3	14.80	367.9	16.29	391.6	17.79	439.0	21.01	469.9	22.19
	75	247.7	10.42	295.1	13.01	344.3	15.84	367.9	17.44	391.6	19.12	439.0	21.91	462.6	23.19
	80	247.7	11.69	295.1	14.74	344.3	18.08	367.9	19.92	391.6	21.82	439.0	24.23	449.9	25.21
	85	247.7	12.44	295.1	15.72	344.3	19.34	367.9	21.25	391.6	23.32	433.5	25.51	442.6	26.25
	90	247.7	14.05	295.1	17.79	344.3	21.93	367.9	24.18	391.6	26.54	420.8	27.92	429.9	28.34
	95	247.7	14.97	295.1	18.89	344.3	23.38	367.9	25.79	391.6	28.32	413.5	28.98	422.6	29.38
	100	247.7	15.46	295.1	19.68	344.3	24.35	367.9	26.81	391.6	28.95	408.0	30.23	415.3	30.56
	105	247.7	17.91	295.1	22.83	344.3	27.53	367.9	29.36	387.2	31.04	395.3	32.40	400.6	32.81
	110	247.7	20.57	295.1	26.34	344.3	30.20	367.9	31.70	371.6	33.66	376.5	34.80	379.5	35.20
	115	247.7	22.28	295.1	28.55	322.4	31.81	348.9	33.17	353.8	34.73	357.1	35.49	358.7	35.94
	118	247.7	23.66	287.6	30.81	280.7	26.74	303.7	28.14	308.1	29.47	310.9	30.11	309.6	30.50
	122	235.3	23.45	230.6	23.43	223.7	20.36	242.7	21.28	246.7	22.31	249.7	22.83	249.2	23.17
80%	-9.9	220.4	5.47	262.3	6.60	306.0	7.66	326.0	8.32	347.9	8.97	389.8	10.24	431.6	11.41
	-5	220.4	5.77	262.3	6.96	306.0	8.07	326.0	8.77	347.9	9.46	389.8	10.80	431.6	12.03
	0	220.4	6.01	262.3	7.24	306.0	8.41	326.0	9.13	347.9	9.84	389.8	11.24	431.6	12.52
	5	220.4	6.22	262.3	7.50	306.0	8.71	326.0	9.46	347.9	10.20	389.8	11.65	431.6	12.97
	10	220.4	6.41	262.3	7.71	306.0	8.96	326.0	9.73	347.9	10.50	389.8	11.99	431.6	13.35
	14	220.4	6.64	262.3	8.00	306.0	9.29	326.0	10.09	347.9	10.88	389.8	12.42	431.6	13.84
	20	220.4	6.89	262.3	8.28	306.0	9.66	326.0	10.46	347.9	11.25	389.8	12.86	431.6	14.37
	25	220.4	7.10	262.3	8.52	306.0	9.97	326.0	10.78	347.9	11.56	389.8	13.24	431.6	14.80
	30	220.4	7.31	262.3	8.75	306.0	10.28	326.0	11.09	347.9	11.88	389.8	13.62	431.6	15.25
	35	220.4	7.50	262.3	9.01	306.0	10.58	326.0	11.39	347.9	12.20	389.8	13.99	431.6	15.68
	40	220.4	7.71	262.3	9.24	306.0	10.84	326.0	11.71	347.9	12.54	389.8	14.37	431.6	16.10
	45	220.4	7.82	262.3	9.36	306.0	11.01	326.0	11.88	347.9	12.69	389.8	14.58	431.6	16.31
	50	220.4	7.93	262.3	9.50	306.0	11.15	326.0	12.03	347.9	12.88	389.8	14.77	431.6	16.54
	55	220.4	8.05	262.3	9.66	306.0	11.35	326.0	12.24	347.9	13.12	389.8	15.05	431.6	16.82
	60	220.4	8.33	262.3	9.98	306.0	11.75	326.0	12.67	347.9	13.65	389.8	15.58	431.6	17.51
	65	220.4	8.45	262.3	10.18	306.0	11.99	326.0	12.92	347.9	13.93	389.8	15.86	431.6	17.91
	70	220.4	8.69	262.3	10.46	306.0	12.35	326.0	13.33	347.9	14.50	389.8	17.10	431.6	19.80
	75	220.4	8.86	262.3	10.67	306.0	12.96	326.0	14.21	347.9	15.46	389.8	18.19	431.6	20.88
	80	220.4	9.70	262.3	12.12	306.0	14.77	326.0	16.14	347.9	17.63	389.8	20.93	431.6	23.33
	85	220.4	10.35	262.3	12.88	306.0	15.74	326.0	17.23	347.9	18.88	389.8	22.30	431.6	23.93
	90	220.4	11.63	262.3	14.61	306.0	17.80	326.0	19.56	347.9	21.46	389.8	24.51	424.6	25.36
	95	220.4	12.35	262.3	15.46	306.0	19.00	326.0	20.77	347.9	22.82	389.8	25.36	415.5	26.05
	100	220.4	13.33	262.3	16.67	306.0	20.49	326.0	22.25	347.9	23.72	389.8	26.40	406.1	26.89
	105	220.4	15.18	262.3	19.07	306.0	22.81	326.0	23.87	347.9	25.44	385.1	27.45	394.6	28.23
	110	220.4	17.23	262.3	21.74	306.0	24.19	326.0	25.51	347.9	27.41	371.6	28.45	373.4	29.68
	115	220.4	18.44	262.3	23.23	306.0	25.00	326.0	26.81	326.0	28.06	328.1	29.10	328.1	30.86
	118	220.4	19.57	262.3	24.68	280.7	26.74	286.4	25.44	283.9	23.80	285.6	24.70	283.2	26.19
	122	220.4	21.16	231.4	23.28	223.7	20.36	228.8	19.25	227.4	18.02	229.3	18.72	228.0	19.89

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 heat recovery system synchronous operating range.
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).

COOLING CAPACITY DATA



ARUM408CTE5

408,000 Btu/h 575V Outdoor 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	193.1	4.83	229.5	5.75	267.8	6.75	286.0	7.24	304.1	7.71	340.6	8.83	378.9	9.88
	-5	193.1	5.09	229.5	6.06	267.8	7.13	286.0	7.63	304.1	8.13	340.6	9.31	378.9	10.43
	0	193.1	5.30	229.5	6.30	267.8	7.41	286.0	7.94	304.1	8.46	340.6	9.69	378.9	10.84
	5	193.1	5.50	229.5	6.54	267.8	7.69	286.0	8.22	304.1	8.77	340.6	10.05	378.9	11.24
	10	193.1	5.66	229.5	6.72	267.8	7.92	286.0	8.47	304.1	9.02	340.6	10.33	378.9	11.56
	14	193.1	5.86	229.5	6.96	267.8	8.20	286.0	8.77	304.1	9.35	340.6	10.71	378.9	11.99
	20	193.1	6.07	229.5	7.20	267.8	8.45	286.0	9.07	304.1	9.67	340.6	11.05	378.9	12.39
	25	193.1	6.23	229.5	7.39	267.8	8.67	286.0	9.30	304.1	9.94	340.6	11.33	378.9	12.72
	30	193.1	6.40	229.5	7.58	267.8	8.88	286.0	9.54	304.1	10.20	340.6	11.61	378.9	13.06
	35	193.1	6.58	229.5	7.79	267.8	9.13	286.0	9.80	304.1	10.49	340.6	11.91	378.9	13.42
	40	193.1	6.74	229.5	7.99	267.8	9.35	286.0	10.05	304.1	10.75	340.6	12.24	378.9	13.75
	45	193.1	6.84	229.5	8.11	267.8	9.50	286.0	10.23	304.1	10.92	340.6	12.43	378.9	13.97
	50	193.1	6.96	229.5	8.26	267.8	9.66	286.0	10.39	304.1	11.11	340.6	12.64	378.9	14.21
	55	193.1	7.09	229.5	8.41	267.8	9.82	286.0	10.54	304.1	11.31	340.6	12.88	378.9	14.50
	60	193.1	7.28	229.5	8.69	267.8	10.18	286.0	10.95	304.1	11.71	340.6	13.37	378.9	15.05
	65	193.1	7.41	229.5	8.86	267.8	10.35	286.0	11.15	304.1	11.95	340.6	13.61	378.9	15.29
	70	193.1	7.60	229.5	9.09	267.8	10.67	286.0	11.47	304.1	12.31	340.6	14.09	378.9	16.26
	75	193.1	7.73	229.5	9.26	267.8	10.86	286.0	11.88	304.1	12.88	340.6	15.05	378.9	17.22
	80	193.1	8.33	229.5	10.22	267.8	12.35	286.0	13.48	304.1	14.61	340.6	16.65	378.9	19.10
	85	193.1	8.86	229.5	10.86	267.8	13.16	286.0	14.37	304.1	15.74	340.6	17.74	378.9	19.91
	90	193.1	9.94	229.5	12.28	267.8	14.89	286.0	16.26	304.1	17.80	340.6	19.78	378.9	21.61
	95	193.1	10.50	229.5	13.04	267.8	15.86	286.0	17.35	304.1	18.88	340.6	20.80	378.9	22.26
	100	193.1	11.35	229.5	14.09	267.8	17.10	286.0	18.72	304.1	19.44	340.6	21.76	378.9	22.89
	105	193.1	12.86	229.5	16.05	267.8	18.87	286.0	19.97	304.1	21.12	340.6	22.93	378.9	24.23
	110	193.1	14.50	229.5	18.19	267.8	19.97	286.0	21.17	304.1	22.91	340.6	23.87	378.9	26.05
	115	193.1	15.58	229.5	19.40	267.8	20.65	286.0	22.38	304.1	23.57	340.6	24.60	378.9	27.73
	118	193.1	16.54	229.5	20.61	267.8	21.93	286.0	23.72	304.1	24.77	340.6	25.87	378.9	28.53
	122	193.1	17.84	229.5	22.32	239.0	20.95	228.5	19.50	221.7	17.84	229.3	15.82	228.0	17.88
60%	-9.9	165.8	4.19	196.7	4.86	229.5	5.71	244.1	6.09	260.5	6.56	293.3	7.43	324.2	8.31
	-5	165.8	4.42	196.7	5.13	229.5	6.02	244.1	6.43	260.5	6.92	293.3	7.84	324.2	8.77
	0	165.8	4.60	196.7	5.34	229.5	6.26	244.1	6.69	260.5	7.20	293.3	8.16	324.2	9.12
	5	165.8	4.77	196.7	5.53	229.5	6.49	244.1	6.94	260.5	7.47	293.3	8.46	324.2	9.45
	10	165.8	4.90	196.7	5.69	229.5	6.68	244.1	7.14	260.5	7.69	293.3	8.70	324.2	9.73
	14	165.8	5.08	196.7	5.90	229.5	6.92	244.1	7.39	260.5	7.96	293.3	9.01	324.2	10.08
	20	165.8	5.24	196.7	6.11	229.5	7.15	244.1	7.65	260.5	8.22	293.3	9.31	324.2	10.43
	25	165.8	5.36	196.7	6.29	229.5	7.33	244.1	7.87	260.5	8.43	293.3	9.56	324.2	10.73
	30	165.8	5.49	196.7	6.47	229.5	7.52	244.1	8.09	260.5	8.65	293.3	9.81	324.2	11.01
	35	165.8	5.62	196.7	6.64	229.5	7.71	244.1	8.29	260.5	8.86	293.3	10.05	324.2	11.30
	40	165.8	5.77	196.7	6.81	229.5	7.92	244.1	8.51	260.5	9.10	293.3	10.33	324.2	11.59
	45	165.8	5.83	196.7	6.87	229.5	7.97	244.1	8.58	260.5	9.18	293.3	10.41	324.2	11.67
	50	165.8	5.88	196.7	6.92	229.5	8.05	244.1	8.65	260.5	9.26	293.3	10.50	324.2	11.79
	55	165.8	5.96	196.7	7.05	229.5	8.21	244.1	8.82	260.5	9.42	293.3	10.71	324.2	11.99
	60	165.8	6.16	196.7	7.28	229.5	8.49	244.1	9.14	260.5	9.78	293.3	11.07	324.2	12.48
	65	165.8	6.24	196.7	7.41	229.5	8.65	244.1	9.30	260.5	9.94	293.3	11.31	324.2	12.72
	70	165.8	6.40	196.7	7.60	229.5	8.90	244.1	9.54	260.5	10.22	293.3	11.63	324.2	13.20
	75	165.8	6.52	196.7	7.73	229.5	9.05	244.1	9.74	260.5	10.54	293.3	12.31	324.2	14.06
	80	165.8	6.92	196.7	8.45	229.5	10.14	244.1	11.07	260.5	11.99	293.3	13.80	324.2	15.89
	85	165.8	7.37	196.7	8.98	229.5	10.79	244.1	11.79	260.5	12.84	293.3	14.52	324.2	16.40
	90	165.8	8.26	196.7	10.14	229.5	12.20	244.1	13.33	260.5	14.42	293.3	16.24	324.2	17.89
	95	165.8	8.73	196.7	10.75	229.5	12.96	244.1	14.21	260.5	15.27	293.3	16.97	324.2	18.84
	100	165.8	9.37	196.7	11.56	229.5	13.97	244.1	15.29	260.5	15.95	293.3	18.00	324.2	19.64
	105	165.8	10.67	196.7	13.16	229.5	15.42	244.1	16.31	260.5	17.36	293.3	19.12	324.2	21.42
	110	165.8	11.99	196.7	14.93	229.5	16.63	244.1	17.31	260.5	18.76	293.3	20.46	324.2	23.36
	115	165.8	12.84	196.7	15.94	229.5	17.29	244.1	18.31	260.5	19.42	293.3	21.62	324.2	24.96
	118	165.8	13.59	196.7	16.90	229.5	18.35	244.1	19.46	260.5	20.67	285.6	20.87	283.2	23.53
	122	165.8	14.65	196.7	18.27	229.5	19.88	228.0	19.74	220.6	18.27	229.3	15.82	228.0	17.88

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 heat recovery system synchronous operating range.
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).

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	3.60	163.9	4.24	191.3	4.75	204.0	5.11	216.8	5.50	244.1	6.11	269.6	6.77
	-5	137.7	3.80	163.9	4.47	191.3	5.00	204.0	5.39	216.8	5.81	244.1	6.44	269.6	7.14
	0	137.7	3.96	163.9	4.65	191.3	5.20	204.0	5.60	216.8	6.03	244.1	6.70	269.6	7.43
	5	137.7	4.09	163.9	4.82	191.3	5.39	204.0	5.81	216.8	6.26	244.1	6.94	269.6	7.70
	10	137.7	4.22	163.9	4.96	191.3	5.55	204.0	5.98	216.8	6.43	244.1	7.14	269.6	7.92
	14	137.7	4.37	163.9	5.14	191.3	5.75	204.0	6.20	216.8	6.67	244.1	7.41	269.6	8.20
	20	137.7	4.53	163.9	5.30	191.3	5.99	204.0	6.43	216.8	6.89	244.1	7.67	269.6	8.52
	25	137.7	4.66	163.9	5.43	191.3	6.19	204.0	6.60	216.8	7.07	244.1	7.90	269.6	8.78
	30	137.7	4.80	163.9	5.56	191.3	6.39	204.0	6.79	216.8	7.26	244.1	8.12	269.6	9.05
	35	137.7	4.92	163.9	5.71	191.3	6.55	204.0	6.98	216.8	7.45	244.1	8.35	269.6	9.28
	40	137.7	5.05	163.9	5.86	191.3	6.72	204.0	7.15	216.8	7.63	244.1	8.54	269.6	9.52
	45	137.7	5.13	163.9	5.94	191.3	6.81	204.0	7.24	216.8	7.73	244.1	8.67	269.6	9.65
	50	137.7	5.20	163.9	6.03	191.3	6.92	204.0	7.35	216.8	7.86	244.1	8.79	269.6	9.79
	55	137.7	5.31	163.9	6.14	191.3	7.03	204.0	7.47	216.8	7.96	244.1	8.96	269.6	9.96
	60	137.7	5.42	163.9	6.30	191.3	7.24	204.0	7.75	216.8	8.24	244.1	9.24	269.6	10.35
	65	137.7	5.47	163.9	6.41	191.3	7.35	204.0	7.86	216.8	8.35	244.1	9.41	269.6	10.50
	70	137.7	5.64	163.9	6.52	191.3	7.52	204.0	8.07	216.8	8.58	244.1	9.68	269.6	10.84
	75	137.7	5.70	163.9	6.64	191.3	7.69	204.0	8.18	216.8	8.73	244.1	9.84	269.6	11.06
	80	137.7	5.86	163.9	7.03	191.3	8.24	204.0	8.90	216.8	9.56	244.1	11.01	269.6	12.56
	85	137.7	6.24	163.9	7.41	191.3	8.73	204.0	9.46	216.8	10.18	244.1	11.73	269.6	13.39
	90	137.7	6.97	163.9	8.30	191.3	9.84	204.0	10.62	216.8	11.45	244.1	13.22	269.6	15.16
	95	137.7	7.35	163.9	8.79	191.3	10.39	204.0	11.28	216.8	12.16	244.1	14.05	269.6	16.10
	100	137.7	7.75	163.9	9.29	191.3	11.01	204.0	11.95	216.8	12.88	244.1	14.93	269.6	17.09
	105	137.7	8.46	163.9	10.26	191.3	12.18	204.0	13.18	216.8	14.26	244.1	16.55	269.6	19.01
	110	137.7	9.35	163.9	11.33	191.3	13.50	204.0	14.65	216.8	15.87	244.1	18.48	269.6	21.23
	115	137.7	10.01	163.9	12.16	191.3	14.50	204.0	15.76	216.8	17.09	244.1	19.91	269.6	22.89
	118	137.7	10.82	163.9	13.20	191.3	15.75	204.0	17.14	216.8	18.61	244.1	20.87	269.6	23.53
	122	137.7	11.93	163.9	14.59	191.3	17.42	204.0	19.03	216.8	18.27	229.3	15.82	228.0	17.88

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 heat recovery system synchronous operating range.
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).

COOLING CAPACITY DATA



ARUM432CTE5

432,000 Btu/h 575V Outdoor 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	391.5	9.87	465.0	11.97	540.5	14.21	560.4	15.34	568.3	16.54	588.1	18.96	602.1	19.59
	-5	391.5	10.41	465.0	12.63	540.5	15.00	560.4	16.18	568.3	17.46	588.1	20.01	602.1	20.67
	0	391.5	10.83	465.0	13.14	540.5	15.60	560.4	16.83	568.3	18.16	588.1	20.81	602.1	21.51
	5	391.5	11.23	465.0	13.62	540.5	16.17	560.4	17.45	568.3	18.82	588.1	21.57	602.1	22.29
	10	391.5	11.55	465.0	14.01	540.5	16.63	560.4	17.95	568.3	19.36	588.1	22.19	602.1	22.93
	14	391.5	11.97	465.0	14.52	540.5	17.24	560.4	18.60	568.3	20.06	588.1	23.00	602.1	23.76
	20	391.5	12.17	465.0	14.75	540.5	17.49	560.4	18.88	568.3	20.34	588.1	23.32	602.1	24.11
	25	391.5	12.34	465.0	14.95	540.5	17.70	560.4	19.12	568.3	20.57	588.1	23.58	602.1	24.39
	30	391.5	12.51	465.0	15.14	540.5	17.90	560.4	19.36	568.3	20.81	588.1	23.85	602.1	24.68
	35	391.5	12.65	465.0	15.33	540.5	18.12	560.4	19.57	568.3	21.06	588.1	24.13	602.1	24.97
	40	391.5	12.81	465.0	15.50	540.5	18.33	560.4	19.82	568.3	21.31	588.1	24.42	602.1	25.27
	45	391.5	12.94	465.0	15.66	540.5	18.54	560.4	20.02	568.3	21.51	588.1	24.68	602.1	25.52
	50	391.5	13.07	465.0	15.82	540.5	18.71	560.4	20.23	568.3	21.74	588.1	24.92	602.1	25.79
	55	391.5	13.29	465.0	16.11	540.5	19.07	552.4	20.66	560.4	22.18	580.0	25.35	594.1	25.97
	60	391.5	13.72	465.0	16.69	532.6	19.86	540.2	21.45	546.5	23.04	566.0	26.15	580.0	26.26
	65	391.5	14.01	465.0	17.05	524.6	20.23	532.6	21.89	538.5	23.48	558.0	27.02	572.0	27.23
	70	391.5	13.48	465.0	16.38	514.7	20.16	520.7	22.18	528.6	24.34	547.9	27.03	562.0	27.30
	75	391.5	13.82	465.0	17.46	506.7	21.57	512.7	23.80	520.7	26.09	539.9	28.32	554.0	28.52
	80	391.5	15.71	465.0	19.89	492.8	24.67	498.8	27.24	506.7	29.93	525.9	30.74	539.9	31.01
	85	391.5	16.72	465.0	21.24	484.9	26.36	492.8	29.06	498.8	31.75	517.8	32.02	531.9	32.29
	90	391.5	18.94	457.1	24.14	471.0	29.93	476.9	33.10	484.9	34.25	503.8	34.52	517.8	34.85
	95	395.6	20.09	453.9	25.69	467.9	31.96	476.0	35.33	482.0	35.46	501.0	35.80	515.2	36.14
	100	395.6	21.75	445.9	27.78	459.9	34.64	467.9	37.18	474.0	37.39	494.9	37.73	509.1	38.07
	105	395.6	24.52	433.9	31.43	447.8	39.07	454.8	39.98	461.7	40.19	477.7	40.55	484.6	40.94
	110	395.6	27.53	415.9	35.42	433.3	42.62	434.6	42.83	441.1	42.97	450.3	43.39	452.1	43.81
	115	393.6	31.85	400.8	40.74	400.8	44.93	400.8	44.93	400.8	44.93	406.6	45.01	408.4	45.09
	118	342.3	26.99	348.5	34.52	349.0	37.78	349.0	38.12	349.0	38.12	354.0	38.19	352.6	38.26
	122	273.5	20.47	279.5	26.25	278.1	28.76	278.8	28.83	279.5	28.86	284.3	28.95	283.8	29.07
120%	-9.9	356.2	9.30	425.1	11.27	494.0	13.35	529.4	14.39	553.1	15.52	578.2	17.79	590.2	18.39
	-5	356.2	9.81	425.1	11.89	494.0	14.08	529.4	15.18	553.1	16.37	578.2	18.77	590.2	19.40
	0	356.2	10.20	425.1	12.37	494.0	14.65	529.4	15.79	553.1	17.03	578.2	19.53	590.2	20.18
	5	356.2	10.58	425.1	12.82	494.0	15.18	529.4	16.37	553.1	17.65	578.2	20.24	590.2	20.92
	10	356.2	10.88	425.1	13.19	494.0	15.62	529.4	16.84	553.1	18.16	578.2	20.82	590.2	21.52
	14	356.2	11.28	425.1	13.67	494.0	16.18	529.4	17.45	553.1	18.82	578.2	21.58	590.2	22.30
	20	356.2	11.45	425.1	13.87	494.0	16.42	529.4	17.72	553.1	19.09	578.2	21.88	590.2	22.63
	25	356.2	11.60	425.1	14.04	494.0	16.61	529.4	17.95	553.1	19.31	578.2	22.13	590.2	22.90
	30	356.2	11.75	425.1	14.21	494.0	16.81	529.4	18.17	553.1	19.53	578.2	22.39	590.2	23.17
	35	356.2	11.90	425.1	14.38	494.0	17.01	529.4	18.41	553.1	19.77	578.2	22.66	590.2	23.45
	40	356.2	12.04	425.1	14.57	494.0	17.23	529.4	18.63	553.1	20.02	578.2	22.95	590.2	23.75
	45	356.2	12.19	425.1	14.72	494.0	17.42	529.4	18.85	553.1	20.25	578.2	23.20	590.2	24.02
	50	356.2	12.31	425.1	14.90	494.0	17.62	529.4	19.05	553.1	20.47	578.2	23.47	590.2	24.28
	55	356.2	12.52	425.1	15.17	494.0	17.96	529.4	19.45	547.2	20.88	570.1	23.88	584.2	24.47
	60	356.2	12.92	425.1	15.71	494.0	18.71	525.5	20.20	531.4	21.70	556.1	24.62	568.1	25.05
	65	356.2	13.20	425.1	16.05	494.0	19.05	517.6	20.61	525.5	22.11	548.1	25.44	562.1	25.64
	70	356.2	12.94	425.1	15.73	494.0	19.35	507.8	21.29	513.7	23.36	538.0	25.95	550.1	26.21
	75	356.2	13.27	425.1	16.76	494.0	20.71	499.9	22.85	507.8	25.05	530.0	27.18	544.0	27.38
	80	356.2	15.08	425.1	19.09	480.2	23.69	486.1	26.15	492.0	28.74	515.9	29.51	528.0	29.77
	85	356.2	16.05	425.1	20.39	472.4	25.31	478.3	27.89	486.1	30.48	507.9	30.74	522.0	31.00
	90	356.2	18.19	425.1	23.17	458.6	28.74	464.5	31.78	470.4	32.88	493.9	33.14	505.9	33.46
	95	360.0	19.29	429.6	24.66	455.5	30.68	461.4	33.91	469.4	34.04	490.9	34.37	505.1	34.69
	100	360.0	20.88	429.6	26.67	447.5	33.26	455.5	35.69	461.4	35.89	484.9	36.22	497.0	36.55
	105	360.0	23.52	422.8	30.19	435.6	37.53	442.6	38.38	448.4	38.59	470.7	38.92	478.6	39.28
	110	360.0	26.43	412.0	34.01	425.4	40.91	426.7	41.12	433.0	41.25	446.5	41.65	448.2	42.05
	115	350.0	30.58	396.9	39.11	396.9	43.13	396.9	43.13	396.9	43.13	406.7	43.21	408.5	43.29
	118	312.5	26.99	345.1	33.14	345.6	36.27	345.6	36.60	345.6	36.60	354.1	36.66	352.6	36.73
	122	249.7	20.47	276.8	25.20	275.4	27.61	276.1	27.68	276.8	27.71	284.3	27.79	283.8	27.91

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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).

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	330.2	8.56	393.8	10.33	457.4	12.24	489.3	13.27	521.1	14.22	574.1	16.22	586.3	16.83
	-5	330.2	9.03	393.8	10.89	457.4	12.91	489.3	14.00	521.1	15.00	574.1	17.11	586.3	17.75
	0	330.2	9.39	393.8	11.33	457.4	13.43	489.3	14.56	521.1	15.60	574.1	17.80	586.3	18.47
	5	330.2	9.74	393.8	11.75	457.4	13.92	489.3	15.09	521.1	16.17	574.1	18.45	586.3	19.14
	10	330.2	10.02	393.8	12.08	457.4	14.32	489.3	15.53	521.1	16.64	574.1	18.98	586.3	19.69
	14	330.2	10.38	393.8	12.52	457.4	14.84	489.3	16.09	521.1	17.24	574.1	19.67	586.3	20.41
	20	330.2	10.53	393.8	12.72	457.4	15.07	489.3	16.31	521.1	17.50	574.1	20.01	586.3	20.72
	25	330.2	10.66	393.8	12.89	457.4	15.25	489.3	16.50	521.1	17.72	574.1	20.28	586.3	20.99
	30	330.2	10.79	393.8	13.05	457.4	15.44	489.3	16.69	521.1	17.94	574.1	20.56	586.3	21.25
	35	330.2	10.95	393.8	13.24	457.4	15.65	489.3	16.93	521.1	18.21	574.1	20.86	586.3	21.60
	40	330.2	11.10	393.8	13.43	457.4	15.88	489.3	17.17	521.1	18.45	574.1	21.15	586.3	21.86
	45	330.2	11.29	393.8	13.63	457.4	16.14	489.3	17.45	521.1	18.76	574.1	21.50	586.3	22.24
	50	330.2	11.46	393.8	13.87	457.4	16.40	489.3	17.73	521.1	19.06	574.1	21.85	586.3	22.58
	55	330.2	11.65	393.8	14.12	457.4	16.72	489.3	18.11	521.1	19.44	566.0	22.23	578.2	22.79
	60	330.2	12.03	393.8	14.63	457.4	17.42	489.3	18.81	521.1	20.20	551.8	22.93	564.0	23.13
	65	330.2	12.29	393.8	14.95	457.4	17.73	489.3	19.19	521.1	20.58	543.7	23.69	555.9	23.88
	70	330.2	12.41	393.8	15.08	457.4	18.56	489.3	20.42	511.1	22.40	533.5	24.89	545.7	25.13
	75	330.2	12.72	393.8	16.07	457.4	19.86	489.3	21.91	503.2	24.02	525.4	26.06	537.6	26.25
	80	326.8	14.46	389.8	18.31	452.8	22.71	478.4	25.07	484.3	27.55	506.0	28.30	518.1	28.55
	85	326.8	15.39	389.8	19.55	452.8	24.26	470.5	26.75	476.4	29.23	498.0	29.48	510.0	29.73
	90	326.8	17.44	389.8	22.22	450.8	27.55	456.7	30.47	462.6	31.53	483.9	31.77	496.0	32.08
	95	326.8	18.49	389.8	23.64	442.9	29.42	448.8	32.52	454.8	32.64	475.9	32.95	487.9	33.26
	100	326.8	20.02	389.8	25.57	437.0	31.89	442.9	34.23	448.8	34.41	469.9	34.73	481.9	35.05
	105	326.8	22.56	389.8	28.93	423.4	35.98	429.3	36.82	435.1	37.00	456.0	37.33	467.7	37.69
	110	326.8	25.34	389.8	32.61	410.3	39.23	411.5	39.42	417.6	39.55	430.6	39.94	432.3	40.32
	115	326.8	29.32	389.8	37.50	392.9	41.36	392.9	41.36	394.6	41.36	402.5	41.43	404.3	41.51
	118	315.8	26.71	338.9	31.78	342.1	34.78	342.1	35.09	343.6	35.09	350.5	35.15	349.0	35.22
	122	252.3	20.26	271.8	24.16	272.6	26.47	273.3	26.54	275.2	26.57	281.4	26.65	280.9	26.76
100%	-9.9	290.2	7.53	345.9	9.09	401.7	10.77	430.5	11.73	473.1	12.70	530.5	14.65	560.2	15.26
	-5	290.2	7.95	345.9	9.59	401.7	11.36	430.5	12.38	473.1	13.40	530.5	15.46	560.2	16.10
	0	290.2	8.27	345.9	9.97	401.7	11.82	430.5	12.88	473.1	13.94	530.5	16.08	560.2	16.75
	5	290.2	8.57	345.9	10.34	401.7	12.25	430.5	13.35	473.1	14.45	530.5	16.67	560.2	17.36
	10	290.2	8.81	345.9	10.63	401.7	12.60	430.5	13.73	473.1	14.86	530.5	17.15	560.2	17.86
	14	290.2	9.13	345.9	11.02	401.7	13.06	430.5	14.23	473.1	15.40	530.5	17.77	560.2	18.50
	20	290.2	9.42	345.9	11.38	401.7	13.47	430.5	14.64	473.1	15.89	530.5	18.29	560.2	19.03
	25	290.2	9.66	345.9	11.68	401.7	13.82	430.5	14.97	473.1	16.30	530.5	18.72	560.2	19.47
	30	290.2	9.90	345.9	11.98	401.7	14.16	430.5	15.31	473.1	16.71	530.5	19.15	560.2	19.91
	35	290.2	10.04	345.9	12.17	401.7	14.39	430.5	15.56	473.1	16.98	530.5	19.47	560.2	20.24
	40	290.2	10.22	345.9	12.36	401.7	14.62	430.5	15.80	473.1	17.25	530.5	19.77	560.2	20.55
	45	290.2	10.44	345.9	12.63	401.7	14.91	430.5	16.14	473.1	17.59	530.5	20.18	560.2	20.98
	50	290.2	10.64	345.9	12.88	401.7	15.23	430.5	16.46	473.1	17.96	530.5	20.59	560.2	21.41
	55	290.2	10.82	345.9	13.11	401.7	15.52	430.5	16.82	473.1	18.32	530.5	20.95	554.3	21.72
	60	290.2	11.17	345.9	13.58	401.7	16.17	430.5	17.46	473.1	19.04	528.5	21.60	538.4	22.12
	65	290.2	11.41	345.9	13.88	401.7	16.46	430.5	17.82	473.1	19.40	520.6	22.32	532.5	22.76
	70	290.2	11.76	345.9	14.29	401.7	17.58	430.5	19.34	473.1	21.54	510.7	23.93	520.6	24.35
	75	290.2	12.05	345.9	15.23	401.7	18.82	430.5	20.76	473.1	23.10	502.8	25.07	514.7	25.37
	80	290.2	13.70	345.9	17.35	401.7	21.52	430.5	23.75	473.1	26.50	488.9	27.21	498.8	27.59
	85	290.2	14.58	345.9	18.52	401.7	22.99	430.5	25.34	471.1	28.11	481.0	28.35	492.9	28.73
	90	290.2	16.52	345.9	21.05	401.7	26.11	430.5	28.87	455.3	30.32	467.2	30.56	477.1	31.01
	95	290.2	17.52	345.9	22.40	401.7	27.87	430.5	30.81	449.4	31.39	459.3	31.69	471.1	32.15
	100	290.2	18.92	345.9	24.17	401.7	30.14	422.8	32.35	441.7	33.02	453.2	33.32	463.5	33.79
	105	290.2	21.26	345.9	27.24	399.5	33.89	411.1	34.66	428.3	35.37	439.5	35.68	450.3	36.17
	110	290.2	23.76	345.9	30.58	394.9	36.79	403.8	36.97	412.0	37.65	418.5	38.02	426.1	38.57
	115	290.2	27.30	345.9	34.92	375.8	38.51	387.5	38.51	397.1	39.09	400.8	39.16	402.6	39.42
	118	290.2	27.54	303.5	32.76	327.2	32.39	337.3	32.68	345.8	33.17	349.0	33.23	347.6	33.45
	122	248.3	24.93	243.4	24.91	260.8	24.65	269.5	24.71	277.0	25.11	280.2	25.19	279.8	25.42

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 heat recovery system synchronous operating range.
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).

COOLING CAPACITY DATA



ARUM432CTE5

432,000 Btu/h 575V Outdoor 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	261.4	6.72	311.3	8.05	363.2	9.51	388.2	10.23	413.2	10.93	463.2	12.59	513.1	13.82
	-5	261.4	7.09	311.3	8.49	363.2	10.03	388.2	10.79	413.2	11.53	463.2	13.28	513.1	14.58
	0	261.4	7.37	311.3	8.84	363.2	10.44	388.2	11.23	413.2	12.00	463.2	13.81	513.1	15.17
	5	261.4	7.64	311.3	9.16	363.2	10.82	388.2	11.64	413.2	12.43	463.2	14.32	513.1	15.72
	10	261.4	7.86	311.3	9.42	363.2	11.13	388.2	11.97	413.2	12.79	463.2	14.73	513.1	16.17
	14	261.4	8.15	311.3	9.76	363.2	11.53	388.2	12.40	413.2	13.25	463.2	15.27	513.1	16.76
	20	261.4	8.44	311.3	10.14	363.2	11.96	388.2	12.88	413.2	13.81	463.2	15.81	513.1	17.40
	25	261.4	8.69	311.3	10.44	363.2	12.32	388.2	13.28	413.2	14.27	463.2	16.27	513.1	17.93
	30	261.4	8.93	311.3	10.75	363.2	12.68	388.2	13.68	413.2	14.72	463.2	16.72	513.1	18.46
	35	261.4	9.21	311.3	11.09	363.2	13.06	388.2	14.08	413.2	15.16	463.2	17.22	513.1	19.04
	40	261.4	9.48	311.3	11.41	363.2	13.46	388.2	14.51	413.2	15.62	463.2	17.74	513.1	19.59
	45	261.4	9.71	311.3	11.68	363.2	13.77	388.2	14.85	413.2	15.99	463.2	18.15	513.1	20.06
	50	261.4	9.92	311.3	11.94	363.2	14.08	388.2	15.18	413.2	16.34	463.2	18.56	513.1	20.49
	55	261.4	10.04	311.3	12.12	363.2	14.32	388.2	15.49	413.2	16.65	463.2	18.93	513.1	20.69
	60	261.4	10.41	311.3	12.61	363.2	14.87	388.2	16.10	413.2	17.32	463.2	19.66	508.8	20.92
	65	261.4	10.59	311.3	12.85	363.2	15.18	388.2	16.40	413.2	17.63	463.2	20.02	505.5	21.97
	70	261.4	10.89	311.3	13.22	363.2	15.73	388.2	17.32	413.2	18.91	463.2	22.33	495.8	23.60
	75	261.4	11.08	311.3	13.83	363.2	16.83	388.2	18.55	413.2	20.32	463.2	23.30	488.2	24.65
	80	261.4	12.43	311.3	15.67	363.2	19.22	388.2	21.18	413.2	23.20	463.2	25.75	474.7	26.80
	85	261.4	13.22	311.3	16.71	363.2	20.57	388.2	22.59	413.2	24.79	457.4	27.12	467.0	27.91
	90	261.4	14.93	311.3	18.91	363.2	23.32	388.2	25.71	413.2	28.22	444.0	29.68	453.6	30.12
	95	261.4	15.91	311.3	20.08	363.2	24.85	388.2	27.42	413.2	30.11	436.3	30.81	445.9	31.23
	100	261.4	16.43	311.3	20.93	363.2	25.89	388.2	28.51	413.2	30.78	430.5	32.14	438.2	32.49
	105	261.4	19.04	311.3	24.28	363.2	29.27	388.2	31.21	408.5	33.00	417.2	34.45	422.8	34.88
	110	261.4	21.87	311.3	28.00	363.2	32.11	388.2	33.70	392.1	35.78	397.2	37.00	400.4	37.42
	115	261.4	23.68	311.3	30.35	340.2	33.81	368.1	35.26	373.3	36.92	376.8	37.73	378.5	38.22
	118	261.4	25.15	303.5	32.76	296.2	28.43	320.5	29.92	325.0	31.33	328.1	32.01	326.7	32.43
	122	248.3	24.93	243.4	24.91	236.1	21.64	256.1	22.62	260.4	23.72	263.4	24.27	263.0	24.64
80%	-9.9	232.5	5.82	276.8	7.01	322.9	8.14	344.0	8.84	367.1	9.53	411.3	10.89	455.5	12.13
	-5	232.5	6.14	276.8	7.40	322.9	8.59	344.0	9.33	367.1	10.06	411.3	11.49	455.5	12.79
	0	232.5	6.39	276.8	7.69	322.9	8.93	344.0	9.70	367.1	10.46	411.3	11.95	455.5	13.31
	5	232.5	6.62	276.8	7.97	322.9	9.26	344.0	10.06	367.1	10.85	411.3	12.38	455.5	13.79
	10	232.5	6.81	276.8	8.20	322.9	9.53	344.0	10.35	367.1	11.16	411.3	12.74	455.5	14.19
	14	232.5	7.06	276.8	8.50	322.9	9.87	344.0	10.72	367.1	11.56	411.3	13.20	455.5	14.71
	20	232.5	7.32	276.8	8.81	322.9	10.27	344.0	11.13	367.1	11.96	411.3	13.68	455.5	15.27
	25	232.5	7.55	276.8	9.06	322.9	10.60	344.0	11.46	367.1	12.29	411.3	14.08	455.5	15.74
	30	232.5	7.77	276.8	9.31	322.9	10.93	344.0	11.80	367.1	12.63	411.3	14.48	455.5	16.22
	35	232.5	7.98	276.8	9.58	322.9	11.25	344.0	12.11	367.1	12.97	411.3	14.88	455.5	16.67
	40	232.5	8.20	276.8	9.83	322.9	11.53	344.0	12.45	367.1	13.32	411.3	15.28	455.5	17.11
	45	232.5	8.32	276.8	9.95	322.9	11.71	344.0	12.63	367.1	13.49	411.3	15.50	455.5	17.35
	50	232.5	8.43	276.8	10.10	322.9	11.85	344.0	12.79	367.1	13.69	411.3	15.70	455.5	17.59
	55	232.5	8.56	276.8	10.27	322.9	12.07	344.0	13.01	367.1	13.95	411.3	16.00	455.5	17.89
	60	232.5	8.86	276.8	10.61	322.9	12.50	344.0	13.48	367.1	14.51	411.3	16.56	455.5	18.61
	65	232.5	8.99	276.8	10.83	322.9	12.75	344.0	13.74	367.1	14.81	411.3	16.86	455.5	19.04
	70	232.5	9.24	276.8	11.13	322.9	13.14	344.0	14.16	367.1	15.41	411.3	18.19	455.5	21.05
	75	232.5	9.41	276.8	11.34	322.9	13.78	344.0	15.11	367.1	16.43	411.3	19.34	455.5	22.20
	80	232.5	10.31	276.8	12.88	322.9	15.70	344.0	17.16	367.1	18.74	411.3	22.25	455.5	24.80
	85	232.5	11.00	276.8	13.69	322.9	16.73	344.0	18.31	367.1	20.07	411.3	23.71	455.5	25.44
	90	232.5	12.37	276.8	15.53	322.9	18.91	344.0	20.80	367.1	22.81	411.3	26.06	448.1	26.96
	95	232.5	13.14	276.8	16.43	322.9	20.20	344.0	22.08	367.1	24.26	411.3	26.96	438.4	27.69
	100	232.5	14.16	276.8	17.72	322.9	21.78	344.0	23.66	367.1	25.23	411.3	28.07	428.6	28.59
	105	232.5	16.14	276.8	20.27	322.9	24.25	344.0	25.39	367.1	27.05	406.4	29.18	416.3	30.01
	110	232.5	18.31	276.8	23.11	322.9	25.73	344.0	27.11	367.1	29.14	392.1	30.25	394.0	31.55
	115	232.5	19.60	276.8	24.69	322.9	26.58	344.0	28.50	344.0	29.83	346.1	30.94	346.1	32.81
	118	232.5	20.80	276.8	26.24	296.2	28.43	302.1	27.05	299.5	25.31	301.4	26.25	298.8	27.84
	122	232.5	22.49	244.2	24.75	236.1	21.64	241.4	20.46	239.9	19.16	242.0	19.90	240.5	21.15

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 heat recovery system synchronous operating range.
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).

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	203.7	5.14	242.2	6.11	282.5	7.19	301.7	7.69	321.0	8.19	359.4	9.39	399.8	10.51
	-5	203.7	5.42	242.2	6.44	282.5	7.58	301.7	8.11	321.0	8.65	359.4	9.90	399.8	11.09
	0	203.7	5.64	242.2	6.70	282.5	7.89	301.7	8.44	321.0	8.99	359.4	10.30	399.8	11.53
	5	203.7	5.84	242.2	6.95	282.5	8.17	301.7	8.75	321.0	9.32	359.4	10.68	399.8	11.95
	10	203.7	6.01	242.2	7.15	282.5	8.41	301.7	9.00	321.0	9.59	359.4	10.98	399.8	12.30
	14	203.7	6.23	242.2	7.41	282.5	8.72	301.7	9.33	321.0	9.94	359.4	11.38	399.8	12.74
	20	203.7	6.44	242.2	7.65	282.5	8.99	301.7	9.63	321.0	10.28	359.4	11.75	399.8	13.17
	25	203.7	6.62	242.2	7.86	282.5	9.21	301.7	9.89	321.0	10.57	359.4	12.05	399.8	13.53
	30	203.7	6.80	242.2	8.06	282.5	9.44	301.7	10.15	321.0	10.85	359.4	12.35	399.8	13.88
	35	203.7	6.99	242.2	8.29	282.5	9.71	301.7	10.41	321.0	11.15	359.4	12.66	399.8	14.27
	40	203.7	7.17	242.2	8.49	282.5	9.94	301.7	10.69	321.0	11.43	359.4	13.01	399.8	14.62
	45	203.7	7.27	242.2	8.63	282.5	10.11	301.7	10.88	321.0	11.62	359.4	13.22	399.8	14.85
	50	203.7	7.40	242.2	8.77	282.5	10.27	301.7	11.04	321.0	11.81	359.4	13.44	399.8	15.11
	55	203.7	7.53	242.2	8.94	282.5	10.44	301.7	11.21	321.0	12.02	359.4	13.69	399.8	15.41
	60	203.7	7.75	242.2	9.24	282.5	10.83	301.7	11.64	321.0	12.45	359.4	14.21	399.8	16.00
	65	203.7	7.87	242.2	9.41	282.5	11.00	301.7	11.85	321.0	12.71	359.4	14.46	399.8	16.26
	70	203.7	8.09	242.2	9.67	282.5	11.34	301.7	12.20	321.0	13.09	359.4	14.98	399.8	17.29
	75	203.7	8.22	242.2	9.84	282.5	11.55	301.7	12.62	321.0	13.69	359.4	16.00	399.8	18.31
	80	203.7	8.86	242.2	10.87	282.5	13.14	301.7	14.34	321.0	15.53	359.4	17.70	399.8	20.30
	85	203.7	9.41	242.2	11.55	282.5	13.99	301.7	15.28	321.0	16.73	359.4	18.85	399.8	21.16
	90	203.7	10.57	242.2	13.05	282.5	15.83	301.7	17.29	321.0	18.91	359.4	21.02	399.8	22.97
	95	203.7	11.17	242.2	13.86	282.5	16.86	301.7	18.44	321.0	20.07	359.4	22.11	399.8	23.66
	100	203.7	12.07	242.2	14.98	282.5	18.19	301.7	19.90	321.0	20.67	359.4	23.14	399.8	24.33
	105	203.7	13.68	242.2	17.07	282.5	20.06	301.7	21.23	321.0	22.46	359.4	24.37	399.8	25.76
	110	203.7	15.41	242.2	19.34	282.5	21.22	301.7	22.51	321.0	24.35	359.4	25.38	399.8	27.69
	115	203.7	16.56	242.2	20.63	282.5	21.95	301.7	23.79	321.0	25.06	359.4	26.15	399.8	29.48
	118	203.7	17.58	242.2	21.91	282.5	23.32	301.7	25.21	321.0	25.06	359.4	26.15	399.8	29.48
	122	203.7	18.97	242.2	23.73	252.1	22.27	241.1	20.73	233.9	18.97	242.0	16.82	240.5	19.01
60%	-9.9	174.9	4.45	207.6	5.17	242.2	6.07	257.5	6.48	274.8	6.98	309.4	7.90	342.1	8.84
	-5	174.9	4.70	207.6	5.46	242.2	6.40	257.5	6.84	274.8	7.37	309.4	8.34	342.1	9.32
	0	174.9	4.89	207.6	5.68	242.2	6.66	257.5	7.12	274.8	7.66	309.4	8.68	342.1	9.70
	5	174.9	5.07	207.6	5.88	242.2	6.90	257.5	7.38	274.8	7.94	309.4	8.99	342.1	10.05
	10	174.9	5.21	207.6	6.05	242.2	7.10	257.5	7.59	274.8	8.17	309.4	9.25	342.1	10.34
	14	174.9	5.40	207.6	6.27	242.2	7.36	257.5	7.86	274.8	8.47	309.4	9.59	342.1	10.72
	20	174.9	5.56	207.6	6.50	242.2	7.60	257.5	8.14	274.8	8.74	309.4	9.90	342.1	11.09
	25	174.9	5.70	207.6	6.69	242.2	7.79	257.5	8.36	274.8	8.97	309.4	10.17	342.1	11.40
	30	174.9	5.84	207.6	6.87	242.2	7.99	257.5	8.59	274.8	9.19	309.4	10.43	342.1	11.71
	35	174.9	5.98	207.6	7.06	242.2	8.20	257.5	8.81	274.8	9.43	309.4	10.69	342.1	12.02
	40	174.9	6.14	207.6	7.24	242.2	8.41	257.5	9.04	274.8	9.67	309.4	10.98	342.1	12.32
	45	174.9	6.19	207.6	7.30	242.2	8.47	257.5	9.12	274.8	9.77	309.4	11.06	342.1	12.42
	50	174.9	6.25	207.6	7.36	242.2	8.56	257.5	9.20	274.8	9.84	309.4	11.17	342.1	12.54
	55	174.9	6.33	207.6	7.49	242.2	8.73	257.5	9.37	274.8	10.01	309.4	11.38	342.1	12.75
	60	174.9	6.55	207.6	7.75	242.2	9.03	257.5	9.71	274.8	10.40	309.4	11.77	342.1	13.27
	65	174.9	6.63	207.6	7.87	242.2	9.20	257.5	9.88	274.8	10.57	309.4	12.02	342.1	13.52
	70	174.9	6.80	207.6	8.09	242.2	9.46	257.5	10.14	274.8	10.87	309.4	12.37	342.1	14.04
	75	174.9	6.93	207.6	8.22	242.2	9.63	257.5	10.36	274.8	11.21	309.4	13.09	342.1	14.95
	80	174.9	7.36	207.6	8.99	242.2	10.78	257.5	11.77	274.8	12.75	309.4	14.67	342.1	16.89
	85	174.9	7.83	207.6	9.54	242.2	11.47	257.5	12.54	274.8	13.65	309.4	15.44	342.1	17.43
	90	174.9	8.77	207.6	10.78	242.2	12.97	257.5	14.16	274.8	15.33	309.4	17.26	342.1	19.02
	95	174.9	9.29	207.6	11.43	242.2	13.78	257.5	15.11	274.8	16.24	309.4	18.05	342.1	20.02
	100	174.9	9.97	207.6	12.28	242.2	14.85	257.5	16.26	274.8	16.96	309.4	19.14	342.1	20.88
	105	174.9	11.34	207.6	13.99	242.2	16.39	257.5	17.35	274.8	18.46	309.4	20.33	342.1	22.77
	110	174.9	12.75	207.6	15.88	242.2	17.68	257.5	18.40	274.8	19.94	309.4	21.75	342.1	24.84
	115	174.9	13.65	207.6	16.95	242.2	18.37	257.5	19.47	274.8	20.65	309.4	22.99	342.1	26.54
	118	174.9	14.45	207.6	17.97	242.2	19.51	257.5	20.68	274.8	21.98	301.4	22.19	298.8	25.02
	122	174.9	15.58	207.6	19.43	242.2	21.14	240.5	20.98	232.8	19.43	242.0	16.82	240.5	19.01

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 heat recovery system synchronous operating range.
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).

COOLING CAPACITY DATA



ARUM432CTE5

432,000 Btu/h 575V Outdoor 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
50%		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
	-9.9	145.3	3.83	173.0	4.51	201.8	5.04	215.3	5.43	228.7	5.85	257.5	6.49	284.4	7.20
	-5	145.3	4.04	173.0	4.75	201.8	5.32	215.3	5.73	228.7	6.17	257.5	6.85	284.4	7.59
	0	145.3	4.20	173.0	4.94	201.8	5.53	215.3	5.96	228.7	6.42	257.5	7.12	284.4	7.90
	5	145.3	4.36	173.0	5.12	201.8	5.74	215.3	6.18	228.7	6.65	257.5	7.38	284.4	8.19
	10	145.3	4.48	173.0	5.27	201.8	5.90	215.3	6.36	228.7	6.84	257.5	7.59	284.4	8.42
	14	145.3	4.64	173.0	5.46	201.8	6.12	215.3	6.59	228.7	7.09	257.5	7.87	284.4	8.73
	20	145.3	4.82	173.0	5.63	201.8	6.37	215.3	6.83	228.7	7.32	257.5	8.16	284.4	9.06
	25	145.3	4.96	173.0	5.78	201.8	6.58	215.3	7.02	228.7	7.52	257.5	8.40	284.4	9.34
	30	145.3	5.10	173.0	5.92	201.8	6.79	215.3	7.22	228.7	7.71	257.5	8.63	284.4	9.61
	35	145.3	5.24	173.0	6.07	201.8	6.96	215.3	7.43	228.7	7.92	257.5	8.87	284.4	9.86
	40	145.3	5.37	173.0	6.23	201.8	7.14	215.3	7.60	228.7	8.12	257.5	9.09	284.4	10.12
	45	145.3	5.45	173.0	6.32	201.8	7.24	215.3	7.70	228.7	8.23	257.5	9.21	284.4	10.26
	50	145.3	5.53	173.0	6.41	201.8	7.35	215.3	7.82	228.7	8.35	257.5	9.35	284.4	10.41
	55	145.3	5.64	173.0	6.53	201.8	7.47	215.3	7.94	228.7	8.47	257.5	9.53	284.4	10.58
	60	145.3	5.76	173.0	6.70	201.8	7.70	215.3	8.23	228.7	8.76	257.5	9.82	284.4	11.00
	65	145.3	5.82	173.0	6.82	201.8	7.82	215.3	8.35	228.7	8.88	257.5	10.00	284.4	11.17
	70	145.3	6.00	173.0	6.94	201.8	8.00	215.3	8.58	228.7	9.11	257.5	10.29	284.4	11.52
	75	145.3	6.06	173.0	7.06	201.8	8.17	215.3	8.70	228.7	9.29	257.5	10.47	284.4	11.76
	80	145.3	6.23	173.0	7.47	201.8	8.76	215.3	9.47	228.7	10.17	257.5	11.70	284.4	13.35
	85	145.3	6.64	173.0	7.88	201.8	9.29	215.3	10.05	228.7	10.82	257.5	12.47	284.4	14.23
	90	145.3	7.41	173.0	8.82	201.8	10.47	215.3	11.29	228.7	12.17	257.5	14.05	284.4	16.11
	95	145.3	7.82	173.0	9.35	201.8	11.05	215.3	11.99	228.7	12.94	257.5	14.93	284.4	17.11
	100	145.3	8.23	173.0	9.88	201.8	11.70	215.3	12.70	228.7	13.70	257.5	15.88	284.4	18.17
	105	145.3	9.00	173.0	10.91	201.8	12.94	215.3	14.02	228.7	15.16	257.5	17.59	284.4	20.21
	110	145.3	9.94	173.0	12.05	201.8	14.35	215.3	15.58	228.7	16.87	257.5	19.64	284.4	22.58
	115	145.3	10.64	173.0	12.94	201.8	15.41	215.3	16.76	228.7	18.17	257.5	21.17	284.4	24.34
	118	145.3	11.50	173.0	14.03	201.8	16.74	215.3	18.22	228.7	19.78	257.5	22.19	284.4	25.02
	122	145.3	12.68	173.0	15.51	201.8	18.52	215.3	20.23	228.7	19.43	242.0	16.82	240.5	19.01

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 heat recovery system synchronous operating range.
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).

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	414.4	9.87	492.2	11.97	572.2	14.21	593.2	15.34	601.6	16.54	622.5	18.96	637.4	19.59
	-5	414.4	10.41	492.2	12.63	572.2	15.00	593.2	16.18	601.6	17.46	622.5	20.01	637.4	20.67
	0	414.4	10.83	492.2	13.14	572.2	15.60	593.2	16.83	601.6	18.16	622.5	20.81	637.4	21.51
	5	414.4	11.23	492.2	13.62	572.2	16.17	593.2	17.45	601.6	18.82	622.5	21.57	637.4	22.29
	10	414.4	11.55	492.2	14.01	572.2	16.63	593.2	17.95	601.6	19.36	622.5	22.19	637.4	22.93
	14	414.4	11.97	492.2	14.52	572.2	17.24	593.2	18.60	601.6	20.06	622.5	23.00	637.4	23.76
	20	414.4	12.17	492.2	14.75	572.2	17.49	593.2	18.88	601.6	20.34	622.5	23.32	637.4	24.11
	25	414.4	12.34	492.2	14.95	572.2	17.70	593.2	19.12	601.6	20.57	622.5	23.58	637.4	24.39
	30	414.4	12.51	492.2	15.14	572.2	17.90	593.2	19.36	601.6	20.81	622.5	23.85	637.4	24.68
	35	414.4	12.65	492.2	15.33	572.2	18.12	593.2	19.57	601.6	21.06	622.5	24.13	637.4	24.97
	40	414.4	12.81	492.2	15.50	572.2	18.33	593.2	19.82	601.6	21.31	622.5	24.42	637.4	25.27
	45	414.4	12.94	492.2	15.66	572.2	18.54	593.2	20.02	601.6	21.51	622.5	24.68	637.4	25.52
	50	414.4	13.07	492.2	15.82	572.2	18.71	593.2	20.23	601.6	21.74	622.5	24.92	637.4	25.79
	55	414.4	13.29	492.2	16.11	572.2	19.07	584.8	20.66	593.2	22.18	614.0	25.35	628.9	25.97
	60	414.4	13.72	492.2	16.69	563.7	19.86	571.8	21.45	578.5	23.04	599.1	26.15	614.0	26.26
	65	414.4	14.01	492.2	17.05	555.3	20.23	563.7	21.89	570.1	23.48	590.6	27.02	605.5	27.23
	70	414.4	13.48	492.2	16.38	544.8	20.16	551.1	22.18	559.5	24.34	580.0	27.03	594.9	27.30
	75	414.4	13.82	492.2	17.46	536.4	21.57	542.7	23.80	551.1	26.09	571.5	28.32	586.4	28.52
	80	414.4	15.71	492.2	19.89	521.7	24.67	528.0	27.24	536.4	29.93	556.6	30.74	571.5	31.01
	85	414.4	16.72	492.2	21.24	513.3	26.36	521.7	29.06	528.0	31.75	548.1	32.02	563.0	32.29
	90	414.4	18.94	483.8	24.14	498.5	29.93	504.9	33.10	513.3	34.25	533.3	34.52	548.1	34.85
	95	418.8	20.09	480.5	25.69	495.3	31.96	503.8	35.33	510.2	35.46	530.4	35.80	545.4	36.14
	100	418.8	21.75	472.0	27.78	486.8	34.64	495.3	37.18	501.7	37.39	523.9	37.73	538.9	38.07
	105	418.8	24.52	459.3	31.43	474.0	39.07	481.4	39.98	488.8	40.19	505.6	40.55	513.0	40.94
	110	418.8	27.53	440.2	35.42	458.7	42.62	460.1	42.83	466.9	42.97	476.7	43.39	478.5	43.81
	115	416.7	31.85	424.3	40.74	424.3	44.93	424.3	44.93	424.3	44.93	430.4	45.01	432.3	45.09
	118	362.3	26.99	368.9	34.52	369.4	37.78	369.4	38.12	369.4	38.12	374.8	38.19	373.2	38.26
	122	289.5	20.47	295.9	26.25	294.4	28.76	295.2	28.83	295.9	28.86	300.9	28.95	300.4	29.07
120%	-9.9	377.1	9.30	450.0	11.27	522.9	13.35	560.4	14.39	585.4	15.52	612.0	17.79	624.8	18.39
	-5	377.1	9.81	450.0	11.89	522.9	14.08	560.4	15.18	585.4	16.37	612.0	18.77	624.8	19.40
	0	377.1	10.20	450.0	12.37	522.9	14.65	560.4	15.79	585.4	17.03	612.0	19.53	624.8	20.18
	5	377.1	10.58	450.0	12.82	522.9	15.18	560.4	16.37	585.4	17.65	612.0	20.24	624.8	20.92
	10	377.1	10.88	450.0	13.19	522.9	15.62	560.4	16.84	585.4	18.16	612.0	20.82	624.8	21.52
	14	377.1	11.28	450.0	13.67	522.9	16.18	560.4	17.45	585.4	18.82	612.0	21.58	624.8	22.30
	20	377.1	11.45	450.0	13.87	522.9	16.42	560.4	17.72	585.4	19.09	612.0	21.88	624.8	22.63
	25	377.1	11.60	450.0	14.04	522.9	16.61	560.4	17.95	585.4	19.31	612.0	22.13	624.8	22.90
	30	377.1	11.75	450.0	14.21	522.9	16.81	560.4	18.17	585.4	19.53	612.0	22.39	624.8	23.17
	35	377.1	11.90	450.0	14.38	522.9	17.01	560.4	18.41	585.4	19.77	612.0	22.66	624.8	23.45
	40	377.1	12.04	450.0	14.57	522.9	17.23	560.4	18.63	585.4	20.02	612.0	22.95	624.8	23.75
	45	377.1	12.19	450.0	14.72	522.9	17.42	560.4	18.85	585.4	20.25	612.0	23.20	624.8	24.02
	50	377.1	12.31	450.0	14.90	522.9	17.62	560.4	19.05	585.4	20.47	612.0	23.47	624.8	24.28
	55	377.1	12.52	450.0	15.17	522.9	17.96	560.4	19.45	579.2	20.88	603.5	23.88	618.4	24.47
	60	377.1	12.92	450.0	15.71	522.9	18.71	556.3	20.20	562.5	21.70	588.6	24.62	601.4	25.05
	65	377.1	13.20	450.0	16.05	522.9	19.05	547.9	20.61	556.3	22.11	580.1	25.44	595.0	25.64
	70	377.1	12.94	450.0	15.73	522.9	19.35	537.5	21.29	543.8	23.36	569.5	25.95	582.3	26.21
	75	377.1	13.27	450.0	16.76	522.9	20.71	529.2	22.85	537.5	25.05	561.0	27.18	575.9	27.38
	80	377.1	15.08	450.0	19.09	508.4	23.69	514.6	26.15	520.9	28.74	546.1	29.51	558.9	29.77
	85	377.1	16.05	450.0	20.39	500.0	25.31	506.3	27.89	514.6	30.48	537.6	30.74	552.5	31.00
	90	377.1	18.19	450.0	23.17	485.4	28.74	491.7	31.78	497.9	32.88	522.8	33.14	535.5	33.46
	95	381.1	19.29	454.8	24.66	482.1	30.68	488.4	33.91	496.9	34.04	519.7	34.37	534.7	34.69
	100	381.1	20.88	454.8	26.67	473.7	33.26	482.1	35.69	488.4	35.89	513.2	36.22	526.1	36.55
	105	381.1	23.52	447.5	30.19	461.1	37.53	468.5	38.38	474.7	38.59	498.3	38.92	506.6	39.28
	110	381.1	26.43	436.1	34.01	450.3	40.91	451.6	41.12	458.3	41.25	472.6	41.65	474.4	42.05
	115	370.5	30.58	420.1	39.11	420.1	43.13	420.1	43.13	420.1	43.13	430.5	43.21	432.4	43.29
	118	330.8	26.99	365.3	33.14	365.8	36.27	365.8	36.60	365.8	36.60	374.8	36.66	373.3	36.73
	122	264.3	20.47	293.0	25.20	291.6	27.61	292.3	27.68	293.0	27.71	301.0	27.79	300.5	27.91

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 heat recovery system synchronous operating range.
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).

COOLING CAPACITY DATA

MULTI V 5

ARUM456CTE5

456,000 Btu/h 575V Outdoor Units

MULTI V 5 Outdoor Unit Performance Data Manual

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	349.5	8.56	416.9	10.33	484.2	12.24	517.9	13.27	551.6	14.22	607.7	16.22	620.6	16.83
	-5	349.5	9.03	416.9	10.89	484.2	12.91	517.9	14.00	551.6	15.00	607.7	17.11	620.6	17.75
	0	349.5	9.39	416.9	11.33	484.2	13.43	517.9	14.56	551.6	15.60	607.7	17.80	620.6	18.47
	5	349.5	9.74	416.9	11.75	484.2	13.92	517.9	15.09	551.6	16.17	607.7	18.45	620.6	19.14
	10	349.5	10.02	416.9	12.08	484.2	14.32	517.9	15.53	551.6	16.64	607.7	18.98	620.6	19.69
	14	349.5	10.38	416.9	12.52	484.2	14.84	517.9	16.09	551.6	17.24	607.7	19.67	620.6	20.41
	20	349.5	10.53	416.9	12.72	484.2	15.07	517.9	16.31	551.6	17.50	607.7	20.01	620.6	20.72
	25	349.5	10.66	416.9	12.89	484.2	15.25	517.9	16.50	551.6	17.72	607.7	20.28	620.6	20.99
	30	349.5	10.79	416.9	13.05	484.2	15.44	517.9	16.69	551.6	17.94	607.7	20.56	620.6	21.25
	35	349.5	10.95	416.9	13.24	484.2	15.65	517.9	16.93	551.6	18.21	607.7	20.86	620.6	21.60
	40	349.5	11.10	416.9	13.43	484.2	15.88	517.9	17.17	551.6	18.45	607.7	21.15	620.6	21.86
	45	349.5	11.29	416.9	13.63	484.2	16.14	517.9	17.45	551.6	18.76	607.7	21.50	620.6	22.24
	50	349.5	11.46	416.9	13.87	484.2	16.40	517.9	17.73	551.6	19.06	607.7	21.85	620.6	22.58
	55	349.5	11.65	416.9	14.12	484.2	16.72	517.9	18.11	551.6	19.44	599.1	22.23	612.0	22.79
	60	349.5	12.03	416.9	14.63	484.2	17.42	517.9	18.81	551.6	20.20	584.1	22.93	597.0	23.13
	65	349.5	12.29	416.9	14.95	484.2	17.73	517.9	19.19	551.6	20.58	575.5	23.69	588.4	23.88
	70	349.5	12.41	416.9	15.08	484.2	18.56	517.9	20.42	541.1	22.40	564.8	24.89	577.7	25.13
	75	349.5	12.72	416.9	16.07	484.2	19.86	517.9	21.91	532.6	24.02	556.2	26.06	569.1	26.25
	80	345.9	14.46	412.6	18.31	479.3	22.71	506.4	25.07	512.6	27.55	535.6	28.30	548.4	28.55
	85	345.9	15.39	412.6	19.55	479.3	24.26	498.0	26.75	504.3	29.23	527.1	29.48	539.9	29.73
	90	345.9	17.44	412.6	22.22	477.2	27.55	483.5	30.47	489.7	31.53	512.3	31.77	525.0	32.08
	95	345.9	18.49	412.6	23.64	468.9	29.42	475.1	32.52	481.4	32.64	503.8	32.95	516.5	33.26
	100	345.9	20.02	412.6	25.57	462.6	31.89	468.9	34.23	475.1	34.41	497.4	34.73	510.1	35.05
	105	345.9	22.56	412.6	28.93	448.2	35.98	454.4	36.82	460.6	37.00	482.7	37.33	495.1	37.69
	110	345.9	25.34	412.6	32.61	434.3	39.23	435.6	39.42	442.1	39.55	455.8	39.94	457.6	40.32
	115	345.9	29.32	412.6	37.50	415.9	41.36	415.9	41.36	417.7	41.36	426.1	41.43	428.0	41.51
	118	334.3	26.71	358.8	31.78	362.1	34.78	362.1	35.09	363.7	35.09	371.0	35.15	369.5	35.22
	122	267.1	20.26	287.7	24.16	288.6	26.47	289.3	26.54	291.3	26.57	297.9	26.65	297.4	26.76
100%	-9.9	307.2	7.53	366.2	9.09	425.2	10.77	455.7	11.73	500.8	12.70	561.6	14.65	593.0	15.26
	-5	307.2	7.95	366.2	9.59	425.2	11.36	455.7	12.38	500.8	13.40	561.6	15.46	593.0	16.10
	0	307.2	8.27	366.2	9.97	425.2	11.82	455.7	12.88	500.8	13.94	561.6	16.08	593.0	16.75
	5	307.2	8.57	366.2	10.34	425.2	12.25	455.7	13.35	500.8	14.45	561.6	16.67	593.0	17.36
	10	307.2	8.81	366.2	10.63	425.2	12.60	455.7	13.73	500.8	14.86	561.6	17.15	593.0	17.86
	14	307.2	9.13	366.2	11.02	425.2	13.06	455.7	14.23	500.8	15.40	561.6	17.77	593.0	18.50
	20	307.2	9.42	366.2	11.38	425.2	13.47	455.7	14.64	500.8	15.89	561.6	18.29	593.0	19.03
	25	307.2	9.66	366.2	11.68	425.2	13.82	455.7	14.97	500.8	16.30	561.6	18.72	593.0	19.47
	30	307.2	9.90	366.2	11.98	425.2	14.16	455.7	15.31	500.8	16.71	561.6	19.15	593.0	19.91
	35	307.2	10.04	366.2	12.17	425.2	14.39	455.7	15.56	500.8	16.98	561.6	19.47	593.0	20.24
	40	307.2	10.22	366.2	12.36	425.2	14.62	455.7	15.80	500.8	17.25	561.6	19.77	593.0	20.55
	45	307.2	10.44	366.2	12.63	425.2	14.91	455.7	16.14	500.8	17.59	561.6	20.18	593.0	20.98
	50	307.2	10.64	366.2	12.88	425.2	15.23	455.7	16.46	500.8	17.96	561.6	20.59	593.0	21.41
	55	307.2	10.82	366.2	13.11	425.2	15.52	455.7	16.82	500.8	18.32	561.6	20.95	586.7	21.72
	60	307.2	11.17	366.2	13.58	425.2	16.17	455.7	17.46	500.8	19.04	559.5	21.60	570.0	22.12
	65	307.2	11.41	366.2	13.88	425.2	16.46	455.7	17.82	500.8	19.40	551.1	22.32	563.7	22.76
	70	307.2	11.76	366.2	14.29	425.2	17.58	455.7	19.34	500.8	21.54	540.6	23.93	551.1	24.35
	75	307.2	12.05	366.2	15.23	425.2	18.82	455.7	20.76	500.8	23.10	532.2	25.07	544.8	25.37
	80	307.2	13.70	366.2	17.35	425.2	21.52	455.7	23.75	500.8	26.50	517.6	27.21	528.0	27.59
	85	307.2	14.58	366.2	18.52	425.2	22.99	455.7	25.34	498.7	28.11	509.2	28.35	521.8	28.73
	90	307.2	16.52	366.2	21.05	425.2	26.11	455.7	28.87	481.9	30.32	494.5	30.56	505.0	31.01
	95	307.2	17.52	366.2	22.40	425.2	27.87	455.7	30.81	475.7	31.39	486.1	31.69	498.7	32.15
	100	307.2	18.92	366.2	24.17	425.2	30.14	447.6	32.35	467.6	33.02	479.8	33.32	490.6	33.79
	105	307.2	21.26	366.2	27.24	422.9	33.89	435.2	34.66	453.4	35.37	465.3	35.68	476.7	36.17
	110	307.2	23.76	366.2	30.58	418.0	36.79	427.4	36.97	436.1	37.65	443.0	38.02	451.1	38.57
	115	307.2	27.30	366.2	34.92	397.8	38.51	410.1	38.51	420.4	39.09	424.3	39.16	426.2	39.42
	118	307.2	27.54	321.2	32.76	346.4	32.39	357.1	32.68	366.0	33.17	369.4	33.23	367.9	33.45
	122	262.8	24.93	257.6	24.91	276.1	24.65	285.3	24.71	293.2	25.11	296.7	25.19	296.1	25.42

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 heat recovery system synchronous operating range.
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).

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	276.7	6.72	329.6	8.05	384.5	9.51	410.9	10.23	437.4	10.93	490.3	12.59	543.2	13.82
	-5	276.7	7.09	329.6	8.49	384.5	10.03	410.9	10.79	437.4	11.53	490.3	13.28	543.2	14.58
	0	276.7	7.37	329.6	8.84	384.5	10.44	410.9	11.23	437.4	12.00	490.3	13.81	543.2	15.17
	5	276.7	7.64	329.6	9.16	384.5	10.82	410.9	11.64	437.4	12.43	490.3	14.32	543.2	15.72
	10	276.7	7.86	329.6	9.42	384.5	11.13	410.9	11.97	437.4	12.79	490.3	14.73	543.2	16.17
	14	276.7	8.15	329.6	9.76	384.5	11.53	410.9	12.40	437.4	13.25	490.3	15.27	543.2	16.76
	20	276.7	8.44	329.6	10.14	384.5	11.96	410.9	12.88	437.4	13.81	490.3	15.81	543.2	17.40
	25	276.7	8.69	329.6	10.44	384.5	12.32	410.9	13.28	437.4	14.27	490.3	16.27	543.2	17.93
	30	276.7	8.93	329.6	10.75	384.5	12.68	410.9	13.68	437.4	14.72	490.3	16.72	543.2	18.46
	35	276.7	9.21	329.6	11.09	384.5	13.06	410.9	14.08	437.4	15.16	490.3	17.22	543.2	19.04
	40	276.7	9.48	329.6	11.41	384.5	13.46	410.9	14.51	437.4	15.62	490.3	17.74	543.2	19.59
	45	276.7	9.71	329.6	11.68	384.5	13.77	410.9	14.85	437.4	15.99	490.3	18.15	543.2	20.06
	50	276.7	9.92	329.6	11.94	384.5	14.08	410.9	15.18	437.4	16.34	490.3	18.56	543.2	20.49
	55	276.7	10.04	329.6	12.12	384.5	14.32	410.9	15.49	437.4	16.65	490.3	18.93	543.2	20.69
	60	276.7	10.41	329.6	12.61	384.5	14.87	410.9	16.10	437.4	17.32	490.3	19.66	538.6	20.92
	65	276.7	10.59	329.6	12.85	384.5	15.18	410.9	16.40	437.4	17.63	490.3	20.02	535.0	21.97
	70	276.7	10.89	329.6	13.22	384.5	15.73	410.9	17.32	437.4	18.91	490.3	22.33	524.9	23.60
	75	276.7	11.08	329.6	13.83	384.5	16.83	410.9	18.55	437.4	20.32	490.3	23.30	516.7	24.65
	80	276.7	12.43	329.6	15.67	384.5	19.22	410.9	21.18	437.4	23.20	490.3	25.75	502.5	26.80
	85	276.7	13.22	329.6	16.71	384.5	20.57	410.9	22.59	437.4	24.79	484.2	27.12	494.4	27.91
	90	276.7	14.93	329.6	18.91	384.5	23.32	410.9	25.71	437.4	28.22	469.9	29.68	480.1	30.12
	95	276.7	15.91	329.6	20.08	384.5	24.85	410.9	27.42	437.4	30.11	461.8	30.81	472.0	31.23
	100	276.7	16.43	329.6	20.93	384.5	25.89	410.9	28.51	437.4	30.78	455.7	32.14	463.8	32.49
	105	276.7	19.04	329.6	24.28	384.5	29.27	410.9	31.21	432.5	33.00	441.6	34.45	447.5	34.88
	110	276.7	21.87	329.6	28.00	384.5	32.11	410.9	33.70	415.0	35.78	420.5	37.00	423.9	37.42
	115	276.7	23.68	329.6	30.35	360.1	33.81	389.6	35.26	395.2	36.92	398.9	37.73	400.6	38.22
	118	276.7	25.15	321.2	32.76	313.5	28.43	339.2	29.92	344.1	31.33	347.3	32.01	345.8	32.43
	122	262.9	24.93	257.6	24.91	249.9	21.64	271.1	22.62	275.6	23.72	278.9	24.27	278.4	24.64
80%	-9.9	246.2	5.82	293.0	7.01	341.8	8.14	364.2	8.84	388.6	9.53	435.4	10.89	482.1	12.13
	-5	246.2	6.14	293.0	7.40	341.8	8.59	364.2	9.33	388.6	10.06	435.4	11.49	482.1	12.79
	0	246.2	6.39	293.0	7.69	341.8	8.93	364.2	9.70	388.6	10.46	435.4	11.95	482.1	13.31
	5	246.2	6.62	293.0	7.97	341.8	9.26	364.2	10.06	388.6	10.85	435.4	12.38	482.1	13.79
	10	246.2	6.81	293.0	8.20	341.8	9.53	364.2	10.35	388.6	11.16	435.4	12.74	482.1	14.19
	14	246.2	7.06	293.0	8.50	341.8	9.87	364.2	10.72	388.6	11.56	435.4	13.20	482.1	14.71
	20	246.2	7.32	293.0	8.81	341.8	10.27	364.2	11.13	388.6	11.96	435.4	13.68	482.1	15.27
	25	246.2	7.55	293.0	9.06	341.8	10.60	364.2	11.46	388.6	12.29	435.4	14.08	482.1	15.74
	30	246.2	7.77	293.0	9.31	341.8	10.93	364.2	11.80	388.6	12.63	435.4	14.48	482.1	16.22
	35	246.2	7.98	293.0	9.58	341.8	11.25	364.2	12.11	388.6	12.97	435.4	14.88	482.1	16.67
	40	246.2	8.20	293.0	9.83	341.8	11.53	364.2	12.45	388.6	13.32	435.4	15.28	482.1	17.11
	45	246.2	8.32	293.0	9.95	341.8	11.71	364.2	12.63	388.6	13.49	435.4	15.50	482.1	17.35
	50	246.2	8.43	293.0	10.10	341.8	11.85	364.2	12.79	388.6	13.69	435.4	15.70	482.1	17.59
	55	246.2	8.56	293.0	10.27	341.8	12.07	364.2	13.01	388.6	13.95	435.4	16.00	482.1	17.89
	60	246.2	8.86	293.0	10.61	341.8	12.50	364.2	13.48	388.6	14.51	435.4	16.56	482.1	18.61
	65	246.2	8.99	293.0	10.83	341.8	12.75	364.2	13.74	388.6	14.81	435.4	16.86	482.1	19.04
	70	246.2	9.24	293.0	11.13	341.8	13.14	364.2	14.16	388.6	15.41	435.4	18.19	482.1	21.05
	75	246.2	9.41	293.0	11.34	341.8	13.78	364.2	15.11	388.6	16.43	435.4	19.34	482.1	22.20
	80	246.2	10.31	293.0	12.88	341.8	15.70	364.2	17.16	388.6	18.74	435.4	22.25	482.1	24.80
	85	246.2	11.00	293.0	13.69	341.8	16.73	364.2	18.31	388.6	20.07	435.4	23.71	482.1	25.44
	90	246.2	12.37	293.0	15.53	341.8	18.91	364.2	20.80	388.6	22.81	435.4	26.06	474.3	26.96
	95	246.2	13.14	293.0	16.43	341.8	20.20	364.2	22.08	388.6	24.26	435.4	26.96	464.1	27.69
	100	246.2	14.16	293.0	17.72	341.8	21.78	364.2	23.66	388.6	25.23	435.4	28.07	453.7	28.59
	105	246.2	16.14	293.0	20.27	341.8	24.25	364.2	25.39	388.6	27.05	430.2	29.18	440.7	30.01
	110	246.2	18.31	293.0	23.11	341.8	25.73	364.2	27.11	388.6	29.14	415.0	30.25	417.0	31.55
	115	246.2	19.60	293.0	24.69	341.8	26.58	364.2	28.50	364.2	29.83	366.4	30.94	366.4	32.81
	118	246.2	20.80	293.0	26.24	313.5	28.43	319.8	27.05	317.1	25.31	319.0	26.25	316.3	27.84
	122	246.2	22.49	258.5	24.75	249.9	21.64	255.5	20.46	254.0	19.16	256.2	19.90	254.6	21.15

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 heat recovery system synchronous operating range.
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).

COOLING CAPACITY DATA



ARUM456CTE5

456,000 Btu/h 575V Outdoor 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	215.6	5.14	256.3	6.11	299.1	7.19	319.4	7.69	339.7	8.19	380.4	9.39	423.2	10.51
	-5	215.6	5.42	256.3	6.44	299.1	7.58	319.4	8.11	339.7	8.65	380.4	9.90	423.2	11.09
	0	215.6	5.64	256.3	6.70	299.1	7.89	319.4	8.44	339.7	8.99	380.4	10.30	423.2	11.53
	5	215.6	5.84	256.3	6.95	299.1	8.17	319.4	8.75	339.7	9.32	380.4	10.68	423.2	11.95
	10	215.6	6.01	256.3	7.15	299.1	8.41	319.4	9.00	339.7	9.59	380.4	10.98	423.2	12.30
	14	215.6	6.23	256.3	7.41	299.1	8.72	319.4	9.33	339.7	9.94	380.4	11.38	423.2	12.74
	20	215.6	6.44	256.3	7.65	299.1	8.99	319.4	9.63	339.7	10.28	380.4	11.75	423.2	13.17
	25	215.6	6.62	256.3	7.86	299.1	9.21	319.4	9.89	339.7	10.57	380.4	12.05	423.2	13.53
	30	215.6	6.80	256.3	8.06	299.1	9.44	319.4	10.15	339.7	10.85	380.4	12.35	423.2	13.88
	35	215.6	6.99	256.3	8.29	299.1	9.71	319.4	10.41	339.7	11.15	380.4	12.66	423.2	14.27
	40	215.6	7.17	256.3	8.49	299.1	9.94	319.4	10.69	339.7	11.43	380.4	13.01	423.2	14.62
	45	215.6	7.27	256.3	8.63	299.1	10.11	319.4	10.88	339.7	11.62	380.4	13.22	423.2	14.85
	50	215.6	7.40	256.3	8.77	299.1	10.27	319.4	11.04	339.7	11.81	380.4	13.44	423.2	15.11
	55	215.6	7.53	256.3	8.94	299.1	10.44	319.4	11.21	339.7	12.02	380.4	13.69	423.2	15.41
	60	215.6	7.75	256.3	9.24	299.1	10.83	319.4	11.64	339.7	12.45	380.4	14.21	423.2	16.00
	65	215.6	7.87	256.3	9.41	299.1	11.00	319.4	11.85	339.7	12.71	380.4	14.46	423.2	16.26
	70	215.6	8.09	256.3	9.67	299.1	11.34	319.4	12.20	339.7	13.09	380.4	14.98	423.2	17.29
	75	215.6	8.22	256.3	9.84	299.1	11.55	319.4	12.62	339.7	13.69	380.4	16.00	423.2	18.31
	80	215.6	8.86	256.3	10.87	299.1	13.14	319.4	14.34	339.7	15.53	380.4	17.70	423.2	20.30
	85	215.6	9.41	256.3	11.55	299.1	13.99	319.4	15.28	339.7	16.73	380.4	18.85	423.2	21.16
	90	215.6	10.57	256.3	13.05	299.1	15.83	319.4	17.29	339.7	18.91	380.4	21.02	423.2	22.97
	95	215.6	11.17	256.3	13.86	299.1	16.86	319.4	18.44	339.7	20.07	380.4	22.11	423.2	23.66
	100	215.6	12.07	256.3	14.98	299.1	18.19	319.4	19.90	339.7	20.67	380.4	23.14	423.2	24.33
	105	215.6	13.68	256.3	17.07	299.1	20.06	319.4	21.23	339.7	22.46	380.4	24.37	423.2	25.76
	110	215.6	15.41	256.3	19.34	299.1	21.22	319.4	22.51	339.7	24.35	380.4	25.38	410.9	27.69
	115	215.6	16.56	256.3	20.63	299.1	21.95	319.4	23.79	339.7	25.06	380.4	26.15	387.3	29.48
	118	215.6	17.58	256.3	21.91	299.1	23.32	319.4	25.21	309.1	25.06	319.0	22.19	316.3	25.02
	122	215.6	18.97	256.3	23.73	266.9	22.27	255.2	20.73	247.6	18.97	256.2	16.82	254.6	19.01
60%	-9.9	185.1	4.45	219.7	5.17	256.3	6.07	272.6	6.48	290.9	6.98	327.5	7.90	362.1	8.84
	-5	185.1	4.70	219.7	5.46	256.3	6.40	272.6	6.84	290.9	7.37	327.5	8.34	362.1	9.32
	0	185.1	4.89	219.7	5.68	256.3	6.66	272.6	7.12	290.9	7.66	327.5	8.68	362.1	9.70
	5	185.1	5.07	219.7	5.88	256.3	6.90	272.6	7.38	290.9	7.94	327.5	8.99	362.1	10.05
	10	185.1	5.21	219.7	6.05	256.3	7.10	272.6	7.59	290.9	8.17	327.5	9.25	362.1	10.34
	14	185.1	5.40	219.7	6.27	256.3	7.36	272.6	7.86	290.9	8.47	327.5	9.59	362.1	10.72
	20	185.1	5.56	219.7	6.50	256.3	7.60	272.6	8.14	290.9	8.74	327.5	9.90	362.1	11.09
	25	185.1	5.70	219.7	6.69	256.3	7.79	272.6	8.36	290.9	8.97	327.5	10.17	362.1	11.40
	30	185.1	5.84	219.7	6.87	256.3	7.99	272.6	8.59	290.9	9.19	327.5	10.43	362.1	11.71
	35	185.1	5.98	219.7	7.06	256.3	8.20	272.6	8.81	290.9	9.43	327.5	10.69	362.1	12.02
	40	185.1	6.14	219.7	7.24	256.3	8.41	272.6	9.04	290.9	9.67	327.5	10.98	362.1	12.32
	45	185.1	6.19	219.7	7.30	256.3	8.47	272.6	9.12	290.9	9.77	327.5	11.06	362.1	12.42
	50	185.1	6.25	219.7	7.36	256.3	8.56	272.6	9.20	290.9	9.84	327.5	11.17	362.1	12.54
	55	185.1	6.33	219.7	7.49	256.3	8.73	272.6	9.37	290.9	10.01	327.5	11.38	362.1	12.75
	60	185.1	6.55	219.7	7.75	256.3	9.03	272.6	9.71	290.9	10.40	327.5	11.77	362.1	13.27
	65	185.1	6.63	219.7	7.87	256.3	9.20	272.6	9.88	290.9	10.57	327.5	12.02	362.1	13.52
	70	185.1	6.80	219.7	8.09	256.3	9.46	272.6	10.14	290.9	10.87	327.5	12.37	362.1	14.04
	75	185.1	6.93	219.7	8.22	256.3	9.63	272.6	10.36	290.9	11.21	327.5	13.09	362.1	14.95
	80	185.1	7.36	219.7	8.99	256.3	10.78	272.6	11.77	290.9	12.75	327.5	14.67	362.1	16.89
	85	185.1	7.83	219.7	9.54	256.3	11.47	272.6	12.54	290.9	13.65	327.5	15.44	362.1	17.43
	90	185.1	8.77	219.7	10.78	256.3	12.97	272.6	14.16	290.9	15.33	327.5	17.26	362.1	19.02
	95	185.1	9.29	219.7	11.43	256.3	13.78	272.6	15.11	290.9	16.24	327.5	18.05	362.1	20.02
	100	185.1	9.97	219.7	12.28	256.3	14.85	272.6	16.26	290.9	16.96	327.5	19.14	362.1	20.88
	105	185.1	11.34	219.7	13.99	256.3	16.39	272.6	17.35	290.9	18.46	327.5	20.33	362.1	22.77
	110	185.1	12.75	219.7	15.88	256.3	17.68	272.6	18.40	290.9	19.94	327.5	21.75	362.1	24.84
	115	185.1	13.65	219.7	16.95	256.3	18.37	272.6	19.47	290.9	20.65	327.5	22.99	362.1	26.54
	118	185.1	14.45	219.7	17.97	256.3	19.51	272.6	20.68	290.9	21.98	319.0	22.19	316.3	25.02
	122	185.1	15.58	219.7	19.43	256.3	21.14	254.6	20.98	246.4	19.43	256.2	16.82	254.6	19.01

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 heat recovery system synchronous operating range.
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).

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	153.8	3.83	183.1	4.51	213.6	5.04	227.9	5.43	242.1	5.85	272.6	6.49	301.1	7.20
	-5	153.8	4.04	183.1	4.75	213.6	5.32	227.9	5.73	242.1	6.17	272.6	6.85	301.1	7.59
	0	153.8	4.20	183.1	4.94	213.6	5.53	227.9	5.96	242.1	6.42	272.6	7.12	301.1	7.90
	5	153.8	4.36	183.1	5.12	213.6	5.74	227.9	6.18	242.1	6.65	272.6	7.38	301.1	8.19
	10	153.8	4.48	183.1	5.27	213.6	5.90	227.9	6.36	242.1	6.84	272.6	7.59	301.1	8.42
	14	153.8	4.64	183.1	5.46	213.6	6.12	227.9	6.59	242.1	7.09	272.6	7.87	301.1	8.73
	20	153.8	4.82	183.1	5.63	213.6	6.37	227.9	6.83	242.1	7.32	272.6	8.16	301.1	9.06
	25	153.8	4.96	183.1	5.78	213.6	6.58	227.9	7.02	242.1	7.52	272.6	8.40	301.1	9.34
	30	153.8	5.10	183.1	5.92	213.6	6.79	227.9	7.22	242.1	7.71	272.6	8.63	301.1	9.61
	35	153.8	5.24	183.1	6.07	213.6	6.96	227.9	7.43	242.1	7.92	272.6	8.87	301.1	9.86
	40	153.8	5.37	183.1	6.23	213.6	7.14	227.9	7.60	242.1	8.12	272.6	9.09	301.1	10.12
	45	153.8	5.45	183.1	6.32	213.6	7.24	227.9	7.70	242.1	8.23	272.6	9.21	301.1	10.26
	50	153.8	5.53	183.1	6.41	213.6	7.35	227.9	7.82	242.1	8.35	272.6	9.35	301.1	10.41
	55	153.8	5.64	183.1	6.53	213.6	7.47	227.9	7.94	242.1	8.47	272.6	9.53	301.1	10.58
	60	153.8	5.76	183.1	6.70	213.6	7.70	227.9	8.23	242.1	8.76	272.6	9.82	301.1	11.00
	65	153.8	5.82	183.1	6.82	213.6	7.82	227.9	8.35	242.1	8.88	272.6	10.00	301.1	11.17
	70	153.8	6.00	183.1	6.94	213.6	8.00	227.9	8.58	242.1	9.11	272.6	10.29	301.1	11.52
	75	153.8	6.06	183.1	7.06	213.6	8.17	227.9	8.70	242.1	9.29	272.6	10.47	301.1	11.76
	80	153.8	6.23	183.1	7.47	213.6	8.76	227.9	9.47	242.1	10.17	272.6	11.70	301.1	13.35
	85	153.8	6.64	183.1	7.88	213.6	9.29	227.9	10.05	242.1	10.82	272.6	12.47	301.1	14.23
	90	153.8	7.41	183.1	8.82	213.6	10.47	227.9	11.29	242.1	12.17	272.6	14.05	301.1	16.11
	95	153.8	7.82	183.1	9.35	213.6	11.05	227.9	11.99	242.1	12.94	272.6	14.93	301.1	17.11
	100	153.8	8.23	183.1	9.88	213.6	11.70	227.9	12.70	242.1	13.70	272.6	15.88	301.1	18.17
	105	153.8	9.00	183.1	10.91	213.6	12.94	227.9	14.02	242.1	15.16	272.6	17.59	301.1	20.21
	110	153.8	9.94	183.1	12.05	213.6	14.35	227.9	15.58	242.1	16.87	272.6	19.64	301.1	22.58
	115	153.8	10.64	183.1	12.94	213.6	15.41	227.9	16.76	242.1	18.17	272.6	21.17	301.1	24.34
	118	153.8	11.50	183.1	14.03	213.6	16.74	227.9	18.22	242.1	19.78	272.6	22.19	301.1	25.02
	122	153.8	12.68	183.1	15.51	213.6	18.52	227.9	20.23	242.1	19.43	256.2	16.82	254.6	19.01

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 heat recovery system synchronous operating range.
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).

COOLING CAPACITY DATA

MULTI V 5

ARUM480CTE5

480,000 Btu/h 575V Outdoor 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	433.5	10.37	514.9	12.59	598.5	14.94	620.5	16.12	629.3	17.39	651.2	19.94	666.7	20.60
	-5	433.5	10.95	514.9	13.28	598.5	15.77	620.5	17.01	629.3	18.35	651.2	21.04	666.7	21.73
	0	433.5	11.39	514.9	13.82	598.5	16.40	620.5	17.70	629.3	19.09	651.2	21.88	666.7	22.61
	5	433.5	11.80	514.9	14.32	598.5	17.00	620.5	18.34	629.3	19.79	651.2	22.68	666.7	23.43
	10	433.5	12.14	514.9	14.73	598.5	17.49	620.5	18.87	629.3	20.35	651.2	23.33	666.7	24.11
	14	433.5	12.58	514.9	15.27	598.5	18.12	620.5	19.55	629.3	21.09	651.2	24.18	666.7	24.98
	20	433.5	12.80	514.9	15.51	598.5	18.38	620.5	19.85	629.3	21.39	651.2	24.51	666.7	25.34
	25	433.5	12.97	514.9	15.71	598.5	18.60	620.5	20.10	629.3	21.63	651.2	24.79	666.7	25.64
	30	433.5	13.15	514.9	15.92	598.5	18.82	620.5	20.35	629.3	21.87	651.2	25.07	666.7	25.94
	35	433.5	13.30	514.9	16.12	598.5	19.05	620.5	20.58	629.3	22.14	651.2	25.37	666.7	26.26
	40	433.5	13.47	514.9	16.30	598.5	19.27	620.5	20.84	629.3	22.40	651.2	25.67	666.7	26.57
	45	433.5	13.60	514.9	16.46	598.5	19.49	620.5	21.05	629.3	22.62	651.2	25.95	666.7	26.83
	50	433.5	13.74	514.9	16.63	598.5	19.67	620.5	21.26	629.3	22.86	651.2	26.20	666.7	27.11
	55	433.5	13.97	514.9	16.93	598.5	20.05	611.7	21.72	620.5	23.31	642.3	26.65	657.9	27.30
	60	433.5	14.43	514.9	17.54	589.7	20.88	598.1	22.55	605.1	24.22	626.7	27.49	642.3	27.60
	65	433.5	14.73	514.9	17.92	580.9	21.26	589.7	23.01	596.3	24.68	617.9	28.40	633.4	28.63
	70	433.5	14.17	514.9	17.22	569.9	21.19	576.5	23.32	585.3	25.59	606.7	28.42	622.3	28.70
	75	433.5	14.53	514.9	18.36	561.1	22.68	567.7	25.02	576.5	27.43	597.8	29.77	613.4	29.98
	80	433.5	16.51	514.9	20.91	545.7	25.94	552.3	28.63	561.1	31.47	582.3	32.32	597.8	32.60
	85	433.5	17.58	514.9	22.33	536.9	27.71	545.7	30.55	552.3	33.38	573.4	33.67	589.0	33.95
	90	433.5	19.92	506.1	25.37	521.5	31.47	528.1	34.80	536.9	36.00	557.8	36.29	573.4	36.64
	95	438.1	21.12	502.6	27.00	518.2	33.59	527.1	37.14	533.7	37.28	554.8	37.63	570.5	37.99
	100	438.1	22.86	493.7	29.21	509.3	36.42	518.2	39.09	524.8	39.30	548.1	39.67	563.8	40.03
	105	438.1	25.77	480.5	33.04	495.9	41.07	503.6	42.03	511.3	42.25	528.9	42.63	536.6	43.04
	110	438.1	28.94	460.5	37.24	479.8	44.81	481.3	45.03	488.4	45.17	498.7	45.62	500.6	46.05
	115	435.9	33.48	443.8	42.83	443.8	47.23	443.8	47.23	443.8	47.23	450.3	47.32	452.3	47.40
	118	379.0	28.37	385.9	36.29	386.4	39.72	386.4	40.08	386.4	40.08	392.0	40.15	390.4	40.22
	122	302.8	21.52	309.5	27.59	308.0	30.24	308.8	30.31	309.5	30.34	314.8	30.43	314.3	30.56
120%	-9.9	394.5	9.77	470.8	11.85	547.0	14.03	586.3	15.13	612.4	16.31	640.2	18.70	653.6	19.33
	-5	394.5	10.31	470.8	12.50	547.0	14.80	586.3	15.96	612.4	17.21	640.2	19.73	653.6	20.40
	0	394.5	10.73	470.8	13.01	547.0	15.40	586.3	16.60	612.4	17.91	640.2	20.53	653.6	21.22
	5	394.5	11.12	470.8	13.48	547.0	15.96	586.3	17.21	612.4	18.56	640.2	21.28	653.6	21.99
	10	394.5	11.44	470.8	13.87	547.0	16.42	586.3	17.70	612.4	19.09	640.2	21.89	653.6	22.62
	14	394.5	11.85	470.8	14.37	547.0	17.01	586.3	18.35	612.4	19.79	640.2	22.68	653.6	23.44
	20	394.5	12.04	470.8	14.58	547.0	17.26	586.3	18.63	612.4	20.07	640.2	23.00	653.6	23.79
	25	394.5	12.19	470.8	14.76	547.0	17.46	586.3	18.87	612.4	20.30	640.2	23.27	653.6	24.07
	30	394.5	12.35	470.8	14.94	547.0	17.67	586.3	19.10	612.4	20.53	640.2	23.54	653.6	24.36
	35	394.5	12.51	470.8	15.11	547.0	17.88	586.3	19.35	612.4	20.78	640.2	23.82	653.6	24.65
	40	394.5	12.66	470.8	15.32	547.0	18.11	586.3	19.58	612.4	21.05	640.2	24.13	653.6	24.97
	45	394.5	12.81	470.8	15.48	547.0	18.32	586.3	19.82	612.4	21.28	640.2	24.39	653.6	25.25
	50	394.5	12.94	470.8	15.66	547.0	18.52	586.3	20.02	612.4	21.52	640.2	24.67	653.6	25.53
	55	394.5	13.16	470.8	15.95	547.0	18.88	586.3	20.45	605.9	21.95	631.3	25.10	646.9	25.72
	60	394.5	13.59	470.8	16.52	547.0	19.67	581.9	21.24	588.4	22.81	615.8	25.89	629.1	26.34
	65	394.5	13.87	470.8	16.88	547.0	20.02	573.2	21.67	581.9	23.24	606.9	26.75	622.4	26.96
	70	394.5	13.61	470.8	16.53	547.0	20.34	562.3	22.39	568.8	24.56	595.8	27.28	609.1	27.56
	75	394.5	13.95	470.8	17.62	547.0	21.77	553.6	24.02	562.3	26.33	586.9	28.58	602.4	28.78
	80	394.5	15.85	470.8	20.07	531.8	24.90	538.3	27.49	544.9	30.21	571.3	31.03	584.6	31.30
	85	394.5	16.87	470.8	21.43	523.1	26.60	529.6	29.33	538.3	32.05	562.4	32.32	578.0	32.59
	90	394.5	19.12	470.8	24.36	507.8	30.21	514.3	33.41	520.9	34.56	546.9	34.84	560.2	35.18
	95	398.6	20.28	475.7	25.92	504.3	32.25	510.9	35.65	519.8	35.79	543.6	36.13	559.4	36.47
	100	398.6	21.95	475.7	28.04	495.5	34.96	504.3	37.52	510.9	37.73	536.9	38.08	550.4	38.42
	105	398.6	24.73	468.2	31.74	482.3	39.46	490.1	40.34	496.5	40.57	521.2	40.92	529.9	41.30
	110	398.6	27.78	456.2	35.75	471.0	43.01	472.4	43.22	479.4	43.37	494.4	43.79	496.3	44.21
	115	387.6	32.14	439.5	41.12	439.5	45.34	439.5	45.34	439.5	45.34	450.3	45.42	452.3	45.51
	118	346.1	28.37	382.2	34.84	382.7	38.13	382.7	38.47	382.7	38.47	392.1	38.54	390.5	38.61
	122	276.5	21.52	306.5	26.49	305.0	29.03	305.8	29.10	306.5	29.13	314.8	29.22	314.3	29.34

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 heat recovery system synchronous operating range.
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).

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	365.6	9.00	436.1	10.86	506.5	12.87	541.8	13.95	577.0	14.95	635.7	17.05	649.2	17.69
	-5	365.6	9.49	436.1	11.45	506.5	13.58	541.8	14.72	577.0	15.77	635.7	17.99	649.2	18.66
	0	365.6	9.88	436.1	11.91	506.5	14.12	541.8	15.31	577.0	16.40	635.7	18.72	649.2	19.41
	5	365.6	10.24	436.1	12.35	506.5	14.64	541.8	15.87	577.0	17.00	635.7	19.40	649.2	20.12
	10	365.6	10.53	436.1	12.70	506.5	15.06	541.8	16.32	577.0	17.49	635.7	19.96	649.2	20.70
	14	365.6	10.91	436.1	13.16	506.5	15.60	541.8	16.92	577.0	18.13	635.7	20.68	649.2	21.45
	20	365.6	11.07	436.1	13.37	506.5	15.84	541.8	17.15	577.0	18.40	635.7	21.03	649.2	21.78
	25	365.6	11.21	436.1	13.55	506.5	16.03	541.8	17.35	577.0	18.63	635.7	21.32	649.2	22.06
	30	365.6	11.34	436.1	13.72	506.5	16.23	541.8	17.54	577.0	18.86	635.7	21.62	649.2	22.34
	35	365.6	11.51	436.1	13.92	506.5	16.45	541.8	17.80	577.0	19.14	635.7	21.93	649.2	22.70
	40	365.6	11.67	436.1	14.12	506.5	16.69	541.8	18.05	577.0	19.40	635.7	22.24	649.2	22.98
	45	365.6	11.86	436.1	14.33	506.5	16.96	541.8	18.34	577.0	19.72	635.7	22.61	649.2	23.38
	50	365.6	12.05	436.1	14.58	506.5	17.25	541.8	18.64	577.0	20.04	635.7	22.97	649.2	23.74
	55	365.6	12.25	436.1	14.85	506.5	17.58	541.8	19.04	577.0	20.44	626.7	23.37	640.2	23.96
	60	365.6	12.65	436.1	15.38	506.5	18.31	541.8	19.78	577.0	21.24	611.0	24.10	624.5	24.32
	65	365.6	12.92	436.1	15.71	506.5	18.64	541.8	20.18	577.0	21.64	602.0	24.90	615.5	25.10
	70	365.6	13.05	436.1	15.85	506.5	19.51	541.8	21.46	566.0	23.55	590.8	26.16	604.3	26.42
	75	365.6	13.37	436.1	16.90	506.5	20.88	541.8	23.03	557.2	25.25	581.8	27.40	595.3	27.60
	80	361.9	15.20	431.6	19.25	501.4	23.88	529.7	26.36	536.3	28.97	560.3	29.75	573.7	30.01
	85	361.9	16.18	431.6	20.55	501.4	25.51	521.0	28.12	527.5	30.73	551.4	30.99	564.8	31.25
	90	361.9	18.33	431.6	23.36	499.2	28.97	505.7	32.03	512.3	33.14	535.9	33.40	549.2	33.73
	95	361.9	19.44	431.6	24.86	490.5	30.92	497.0	34.19	503.6	34.32	527.0	34.64	540.3	34.97
	100	361.9	21.04	431.6	26.88	483.9	33.52	490.5	35.98	497.0	36.18	520.3	36.51	533.6	36.84
	105	361.9	23.72	431.6	30.41	468.9	37.83	475.3	38.71	481.8	38.90	504.9	39.24	517.9	39.62
	110	361.9	26.64	431.6	34.28	454.3	41.24	455.7	41.45	462.4	41.58	476.8	41.99	478.7	42.39
	115	361.9	30.82	431.6	39.43	435.0	43.48	435.0	43.48	437.0	43.48	445.7	43.56	447.7	43.63
	118	349.7	28.08	375.3	33.41	378.8	36.56	378.8	36.89	380.5	36.89	388.1	36.96	386.5	37.02
	122	279.4	21.30	301.0	25.40	301.9	27.83	302.6	27.90	304.8	27.93	311.6	28.01	311.1	28.13
100%	-9.9	321.3	7.92	383.1	9.55	444.8	11.32	476.7	12.34	523.9	13.35	587.4	15.40	620.3	16.04
	-5	321.3	8.35	383.1	10.08	444.8	11.95	476.7	13.02	523.9	14.09	587.4	16.25	620.3	16.92
	0	321.3	8.69	383.1	10.49	444.8	12.43	476.7	13.54	523.9	14.65	587.4	16.91	620.3	17.60
	5	321.3	9.01	383.1	10.87	444.8	12.88	476.7	14.03	523.9	15.19	587.4	17.52	620.3	18.25
	10	321.3	9.27	383.1	11.18	444.8	13.25	476.7	14.44	523.9	15.62	587.4	18.03	620.3	18.77
	14	321.3	9.60	383.1	11.59	444.8	13.73	476.7	14.96	523.9	16.19	587.4	18.68	620.3	19.45
	20	321.3	9.90	383.1	11.96	444.8	14.16	476.7	15.39	523.9	16.71	587.4	19.22	620.3	20.01
	25	321.3	10.15	383.1	12.28	444.8	14.53	476.7	15.74	523.9	17.13	587.4	19.68	620.3	20.47
	30	321.3	10.40	383.1	12.59	444.8	14.89	476.7	16.10	523.9	17.56	587.4	20.13	620.3	20.93
	35	321.3	10.56	383.1	12.79	444.8	15.13	476.7	16.36	523.9	17.85	587.4	20.47	620.3	21.28
	40	321.3	10.74	383.1	13.00	444.8	15.37	476.7	16.62	523.9	18.13	587.4	20.78	620.3	21.61
	45	321.3	10.98	383.1	13.28	444.8	15.68	476.7	16.97	523.9	18.49	587.4	21.22	620.3	22.06
	50	321.3	11.19	383.1	13.54	444.8	16.01	476.7	17.31	523.9	18.88	587.4	21.65	620.3	22.51
	55	321.3	11.37	383.1	13.78	444.8	16.32	476.7	17.68	523.9	19.26	587.4	22.02	613.8	22.84
	60	321.3	11.74	383.1	14.28	444.8	17.00	476.7	18.36	523.9	20.01	585.3	22.71	596.2	23.25
	65	321.3	11.99	383.1	14.59	444.8	17.31	476.7	18.73	523.9	20.39	576.5	23.46	589.6	23.93
	70	321.3	12.36	383.1	15.02	444.8	18.48	476.7	20.34	523.9	22.65	565.5	25.16	576.5	25.60
	75	321.3	12.67	383.1	16.01	444.8	19.78	476.7	21.82	523.9	24.28	556.8	26.35	569.9	26.67
	80	321.3	14.40	383.1	18.23	444.8	22.62	476.7	24.97	523.9	27.86	541.4	28.61	552.4	29.00
	85	321.3	15.33	383.1	19.47	444.8	24.17	476.7	26.64	521.7	29.55	532.6	29.80	545.8	30.20
	90	321.3	17.37	383.1	22.13	444.8	27.44	476.7	30.35	504.2	31.87	517.3	32.12	528.3	32.60
	95	321.3	18.42	383.1	23.55	444.8	29.30	476.7	32.39	497.6	33.00	508.5	33.32	521.7	33.79
	100	321.3	19.89	383.1	25.41	444.8	31.69	468.2	34.01	489.1	34.71	501.9	35.03	513.2	35.52
	105	321.3	22.35	383.1	28.63	442.4	35.63	455.2	36.44	474.3	37.18	486.7	37.51	498.6	38.03
	110	321.3	24.98	383.1	32.15	437.2	38.68	447.1	38.87	456.2	39.58	463.4	39.97	471.9	40.55
	115	321.3	28.70	383.1	36.71	416.2	40.49	429.0	40.49	439.8	41.09	443.9	41.17	445.8	41.45
	118	321.3	28.95	336.0	34.44	362.3	34.05	373.6	34.35	382.9	34.87	386.5	34.93	384.9	35.17
	122	274.9	26.21	269.5	26.19	288.8	25.92	298.5	25.98	306.7	26.40	310.3	26.48	309.8	26.72

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 heat recovery system synchronous operating range.
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).

COOLING CAPACITY DATA



ARUM480CTE5

480,000 Btu/h 575V Outdoor 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	289.4	7.06	344.8	8.46	402.2	10.00	429.9	10.75	457.5	11.49	512.9	13.23	568.2	14.53
	-5	289.4	7.45	344.8	8.93	402.2	10.55	429.9	11.35	457.5	12.12	512.9	13.96	568.2	15.33
	0	289.4	7.75	344.8	9.29	402.2	10.97	429.9	11.80	457.5	12.61	512.9	14.52	568.2	15.94
	5	289.4	8.04	344.8	9.63	402.2	11.37	429.9	12.23	457.5	13.07	512.9	15.05	568.2	16.52
	10	289.4	8.27	344.8	9.91	402.2	11.70	429.9	12.58	457.5	13.45	512.9	15.49	568.2	17.00
	14	289.4	8.57	344.8	10.26	402.2	12.12	429.9	13.04	457.5	13.93	512.9	16.05	568.2	17.62
	20	289.4	8.88	344.8	10.66	402.2	12.58	429.9	13.54	457.5	14.51	512.9	16.62	568.2	18.29
	25	289.4	9.13	344.8	10.98	402.2	12.96	429.9	13.96	457.5	15.00	512.9	17.10	568.2	18.85
	30	289.4	9.39	344.8	11.31	402.2	13.33	429.9	14.38	457.5	15.48	512.9	17.58	568.2	19.41
	35	289.4	9.68	344.8	11.66	402.2	13.73	429.9	14.80	457.5	15.94	512.9	18.11	568.2	20.02
	40	289.4	9.97	344.8	12.00	402.2	14.15	429.9	15.26	457.5	16.42	512.9	18.65	568.2	20.60
	45	289.4	10.20	344.8	12.28	402.2	14.48	429.9	15.61	457.5	16.81	512.9	19.08	568.2	21.09
	50	289.4	10.42	344.8	12.55	402.2	14.80	429.9	15.96	457.5	17.18	512.9	19.51	568.2	21.54
	55	289.4	10.55	344.8	12.74	402.2	15.06	429.9	16.28	457.5	17.50	512.9	19.90	568.2	21.75
	60	289.4	10.94	344.8	13.26	402.2	15.64	429.9	16.92	457.5	18.21	512.9	20.66	563.4	21.99
	65	289.4	11.13	344.8	13.51	402.2	15.96	429.9	17.24	457.5	18.53	512.9	21.05	559.7	23.09
	70	289.4	11.45	344.8	13.90	402.2	16.54	429.9	18.21	457.5	19.88	512.9	23.48	549.1	24.81
	75	289.4	11.65	344.8	14.54	402.2	17.70	429.9	19.50	457.5	21.36	512.9	24.49	540.5	25.91
	80	289.4	13.06	344.8	16.47	402.2	20.20	429.9	22.26	457.5	24.39	512.9	27.07	525.6	28.18
	85	289.4	13.90	344.8	17.57	402.2	21.62	429.9	23.74	457.5	26.06	506.5	28.51	517.1	29.34
	90	289.4	15.70	344.8	19.88	402.2	24.52	429.9	27.03	457.5	29.66	491.6	31.20	502.2	31.67
	95	289.4	16.73	344.8	21.11	402.2	26.12	429.9	28.83	457.5	31.66	483.1	32.39	493.7	32.83
	100	289.4	17.28	344.8	22.00	402.2	27.21	429.9	29.97	457.5	32.36	476.7	33.78	485.2	34.15
	105	289.4	20.02	344.8	25.52	402.2	30.77	429.9	32.81	452.4	34.69	461.9	36.21	468.1	36.67
	110	289.4	22.99	344.8	29.43	402.2	33.76	429.9	35.43	434.1	37.61	439.9	38.89	443.4	39.33
	115	289.4	24.90	344.8	31.91	376.7	35.55	407.6	37.07	413.4	38.82	417.2	39.67	419.1	40.18
	118	289.4	26.44	336.0	34.44	328.0	29.89	354.9	31.45	359.9	32.93	363.3	33.66	361.8	34.09
	122	275.0	26.21	269.5	26.19	261.4	22.75	283.5	23.79	288.3	24.94	291.7	25.51	291.2	25.90
80%	-9.9	257.5	6.12	306.5	7.37	357.5	8.56	380.9	9.30	406.5	10.02	455.4	11.44	504.4	12.75
	-5	257.5	6.45	306.5	7.78	357.5	9.03	380.9	9.81	406.5	10.58	455.4	12.07	504.4	13.45
	0	257.5	6.71	306.5	8.09	357.5	9.39	380.9	10.20	406.5	11.00	455.4	12.56	504.4	13.99
	5	257.5	6.96	306.5	8.38	357.5	9.74	380.9	10.57	406.5	11.40	455.4	13.02	504.4	14.50
	10	257.5	7.16	306.5	8.62	357.5	10.02	380.9	10.88	406.5	11.73	455.4	13.39	504.4	14.92
	14	257.5	7.42	306.5	8.94	357.5	10.38	380.9	11.27	406.5	12.16	455.4	13.88	504.4	15.46
	20	257.5	7.70	306.5	9.26	357.5	10.80	380.9	11.70	406.5	12.57	455.4	14.38	504.4	16.06
	25	257.5	7.94	306.5	9.52	357.5	11.14	380.9	12.05	406.5	12.92	455.4	14.80	504.4	16.55
	30	257.5	8.17	306.5	9.79	357.5	11.49	380.9	12.40	406.5	13.27	455.4	15.22	504.4	17.05
	35	257.5	8.39	306.5	10.07	357.5	11.82	380.9	12.73	406.5	13.64	455.4	15.64	504.4	17.52
	40	257.5	8.62	306.5	10.33	357.5	12.12	380.9	13.09	406.5	14.01	455.4	16.06	504.4	17.99
	45	257.5	8.75	306.5	10.46	357.5	12.31	380.9	13.28	406.5	14.19	455.4	16.29	504.4	18.24
	50	257.5	8.86	306.5	10.62	357.5	12.46	380.9	13.45	406.5	14.40	455.4	16.51	504.4	18.49
	55	257.5	9.00	306.5	10.80	357.5	12.69	380.9	13.68	406.5	14.67	455.4	16.82	504.4	18.80
	60	257.5	9.31	306.5	11.16	357.5	13.14	380.9	14.17	406.5	15.25	455.4	17.41	504.4	19.57
	65	257.5	9.45	306.5	11.38	357.5	13.41	380.9	14.44	406.5	15.57	455.4	17.72	504.4	20.02
	70	257.5	9.72	306.5	11.70	357.5	13.81	380.9	14.89	406.5	16.20	455.4	19.12	504.4	22.13
	75	257.5	9.90	306.5	11.92	357.5	14.49	380.9	15.88	406.5	17.27	455.4	20.33	504.4	23.34
	80	257.5	10.84	306.5	13.54	357.5	16.51	380.9	18.04	406.5	19.70	455.4	23.39	504.4	26.07
	85	257.5	11.56	306.5	14.40	357.5	17.59	380.9	19.25	406.5	21.10	455.4	24.92	504.4	26.75
	90	257.5	13.00	306.5	16.33	357.5	19.88	380.9	21.86	406.5	23.98	455.4	27.40	496.1	28.34
	95	257.5	13.81	306.5	17.27	357.5	21.23	380.9	23.21	406.5	25.51	455.4	28.34	485.5	29.12
	100	257.5	14.89	306.5	18.62	357.5	22.90	380.9	24.87	406.5	26.52	455.4	29.51	474.6	30.06
	105	257.5	16.97	306.5	21.31	357.5	25.49	380.9	26.69	406.5	28.44	450.0	30.67	461.0	31.55
	110	257.5	19.25	306.5	24.29	357.5	27.05	380.9	28.50	406.5	30.64	434.1	31.81	436.3	33.17
	115	257.5	20.60	306.5	25.96	357.5	27.95	380.9	29.96	380.9	31.36	383.3	32.52	383.3	34.50
	118	257.5	21.87	306.5	27.59	328.0	29.89	334.6	28.44	331.7	26.60	333.7	27.60	330.9	29.27
	122	257.5	23.65	270.4	26.02	261.4	22.75	267.3	21.51	265.7	20.14	268.0	20.92	266.3	22.24

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 heat recovery system synchronous operating range.
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).

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	225.6	5.40	268.1	6.42	312.8	7.55	334.1	8.08	355.4	8.62	398.0	9.87	442.7	11.05
	-5	225.6	5.70	268.1	6.77	312.8	7.97	334.1	8.53	355.4	9.09	398.0	10.41	442.7	11.65
	0	225.6	5.93	268.1	7.05	312.8	8.29	334.1	8.87	355.4	9.46	398.0	10.83	442.7	12.12
	5	225.6	6.14	268.1	7.30	312.8	8.59	334.1	9.20	355.4	9.80	398.0	11.23	442.7	12.56
	10	225.6	6.32	268.1	7.51	312.8	8.84	334.1	9.46	355.4	10.08	398.0	11.55	442.7	12.93
	14	225.6	6.55	268.1	7.78	312.8	9.16	334.1	9.81	355.4	10.45	398.0	11.97	442.7	13.40
	20	225.6	6.78	268.1	8.04	312.8	9.45	334.1	10.13	355.4	10.81	398.0	12.35	442.7	13.84
	25	225.6	6.96	268.1	8.26	312.8	9.68	334.1	10.40	355.4	11.11	398.0	12.66	442.7	14.22
	30	225.6	7.15	268.1	8.48	312.8	9.92	334.1	10.67	355.4	11.41	398.0	12.98	442.7	14.59
	35	225.6	7.35	268.1	8.71	312.8	10.20	334.1	10.95	355.4	11.73	398.0	13.31	442.7	15.00
	40	225.6	7.53	268.1	8.93	312.8	10.45	334.1	11.24	355.4	12.02	398.0	13.67	442.7	15.37
	45	225.6	7.64	268.1	9.07	312.8	10.62	334.1	11.43	355.4	12.21	398.0	13.90	442.7	15.61
	50	225.6	7.78	268.1	9.22	312.8	10.80	334.1	11.61	355.4	12.42	398.0	14.13	442.7	15.88
	55	225.6	7.92	268.1	9.40	312.8	10.98	334.1	11.79	355.4	12.64	398.0	14.40	442.7	16.20
	60	225.6	8.14	268.1	9.72	312.8	11.38	334.1	12.24	355.4	13.09	398.0	14.94	442.7	16.82
	65	225.6	8.28	268.1	9.90	312.8	11.56	334.1	12.46	355.4	13.36	398.0	15.21	442.7	17.09
	70	225.6	8.50	268.1	10.17	312.8	11.92	334.1	12.82	355.4	13.77	398.0	15.75	442.7	18.17
	75	225.6	8.64	268.1	10.35	312.8	12.15	334.1	13.27	355.4	14.40	398.0	16.82	442.7	19.25
	80	225.6	9.31	268.1	11.43	312.8	13.81	334.1	15.07	355.4	16.33	398.0	18.61	442.7	21.34
	85	225.6	9.90	268.1	12.15	312.8	14.71	334.1	16.06	355.4	17.59	398.0	19.82	442.7	22.25
	90	225.6	11.11	268.1	13.72	312.8	16.64	334.1	18.17	355.4	19.88	398.0	22.10	442.7	24.15
	95	225.6	11.74	268.1	14.58	312.8	17.72	334.1	19.39	355.4	21.10	398.0	23.24	442.7	24.88
	100	225.6	12.69	268.1	15.75	312.8	19.12	334.1	20.92	355.4	21.73	398.0	24.33	442.7	25.58
	105	225.6	14.38	268.1	17.94	312.8	21.09	334.1	22.32	355.4	23.61	398.0	25.62	442.7	27.08
	110	225.6	16.20	268.1	20.33	312.8	22.31	334.1	23.66	355.4	25.60	398.0	26.68	429.9	29.12
	115	225.6	17.41	268.1	21.68	312.8	23.08	334.1	25.01	355.4	26.34	398.0	27.50	405.2	31.00
	118	225.6	18.49	268.1	23.04	312.8	24.52	334.1	26.50	323.4	26.34	333.7	23.33	330.9	26.30
	122	225.6	19.94	268.1	24.95	279.2	23.41	267.0	21.80	259.0	19.95	268.0	17.68	266.3	19.98
60%	-9.9	193.7	4.68	229.8	5.44	268.1	6.38	285.2	6.82	304.3	7.34	342.6	8.31	378.8	9.29
	-5	193.7	4.94	229.8	5.74	268.1	6.73	285.2	7.19	304.3	7.74	342.6	8.77	378.8	9.80
	0	193.7	5.14	229.8	5.97	268.1	7.00	285.2	7.48	304.3	8.06	342.6	9.12	378.8	10.20
	5	193.7	5.33	229.8	6.18	268.1	7.26	285.2	7.75	304.3	8.35	342.6	9.45	378.8	10.57
	10	193.7	5.48	229.8	6.36	268.1	7.46	285.2	7.98	304.3	8.59	342.6	9.72	378.8	10.87
	14	193.7	5.68	229.8	6.59	268.1	7.74	285.2	8.27	304.3	8.90	342.6	10.08	378.8	11.27
	20	193.7	5.85	229.8	6.83	268.1	7.99	285.2	8.55	304.3	9.19	342.6	10.41	378.8	11.66
	25	193.7	5.99	229.8	7.03	268.1	8.19	285.2	8.79	304.3	9.43	342.6	10.69	378.8	11.98
	30	193.7	6.13	229.8	7.23	268.1	8.40	285.2	9.03	304.3	9.66	342.6	10.97	378.8	12.31
	35	193.7	6.28	229.8	7.42	268.1	8.62	285.2	9.26	304.3	9.91	342.6	11.24	378.8	12.63
	40	193.7	6.46	229.8	7.61	268.1	8.84	285.2	9.51	304.3	10.17	342.6	11.54	378.8	12.96
	45	193.7	6.51	229.8	7.68	268.1	8.91	285.2	9.59	304.3	10.27	342.6	11.63	378.8	13.05
	50	193.7	6.57	229.8	7.74	268.1	9.00	285.2	9.67	304.3	10.35	342.6	11.74	378.8	13.18
	55	193.7	6.66	229.8	7.87	268.1	9.18	285.2	9.85	304.3	10.53	342.6	11.97	378.8	13.41
	60	193.7	6.88	229.8	8.14	268.1	9.49	285.2	10.21	304.3	10.93	342.6	12.37	378.8	13.95
	65	193.7	6.97	229.8	8.28	268.1	9.67	285.2	10.39	304.3	11.11	342.6	12.64	378.8	14.22
	70	193.7	7.15	229.8	8.50	268.1	9.94	285.2	10.66	304.3	11.43	342.6	13.00	378.8	14.76
	75	193.7	7.29	229.8	8.64	268.1	10.12	285.2	10.89	304.3	11.79	342.6	13.77	378.8	15.72
	80	193.7	7.74	229.8	9.45	268.1	11.34	285.2	12.37	304.3	13.41	342.6	15.42	378.8	17.76
	85	193.7	8.23	229.8	10.03	268.1	12.06	285.2	13.18	304.3	14.35	342.6	16.24	378.8	18.33
	90	193.7	9.22	229.8	11.34	268.1	13.63	285.2	14.89	304.3	16.12	342.6	18.15	378.8	19.99
	95	193.7	9.76	229.8	12.01	268.1	14.49	285.2	15.88	304.3	17.07	342.6	18.97	378.8	21.05
	100	193.7	10.48	229.8	12.91	268.1	15.61	285.2	17.09	304.3	17.83	342.6	20.12	378.8	21.95
	105	193.7	11.92	229.8	14.71	268.1	17.23	285.2	18.24	304.3	19.40	342.6	21.38	378.8	23.94
	110	193.7	13.41	229.8	16.69	268.1	18.59	285.2	19.34	304.3	20.96	342.6	22.86	378.8	26.11
	115	193.7	14.35	229.8	17.81	268.1	19.32	285.2	20.47	304.3	21.70	342.6	24.17	378.8	27.90
	118	193.7	15.19	229.8	18.89	268.1	20.51	285.2	21.74	304.3	23.10	333.7	23.33	330.9	26.30
	122	193.7	16.38	229.8	20.43	268.1	22.22	266.4	22.06	257.8	20.43	268.0	17.68	266.3	19.98

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 heat recovery system synchronous operating range.
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).

COOLING CAPACITY DATA



ARUM480CTE5

480,000 Btu/h 575V Outdoor 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
50%		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
	-9.9	160.9	4.02	191.5	4.74	223.5	5.30	238.4	5.71	253.2	6.15	285.2	6.82	315.0	7.56
	-5	160.9	4.25	191.5	5.00	223.5	5.59	238.4	6.03	253.2	6.49	285.2	7.20	315.0	7.98
	0	160.9	4.42	191.5	5.20	223.5	5.82	238.4	6.27	253.2	6.75	285.2	7.49	315.0	8.30
	5	160.9	4.58	191.5	5.39	223.5	6.03	238.4	6.50	253.2	6.99	285.2	7.76	315.0	8.61
	10	160.9	4.71	191.5	5.54	223.5	6.20	238.4	6.68	253.2	7.19	285.2	7.98	315.0	8.85
	14	160.9	4.88	191.5	5.74	223.5	6.43	238.4	6.93	253.2	7.46	285.2	8.27	315.0	9.17
	20	160.9	5.06	191.5	5.92	223.5	6.69	238.4	7.18	253.2	7.70	285.2	8.58	315.0	9.52
	25	160.9	5.21	191.5	6.07	223.5	6.92	238.4	7.38	253.2	7.90	285.2	8.83	315.0	9.81
	30	160.9	5.37	191.5	6.22	223.5	7.14	238.4	7.59	253.2	8.11	285.2	9.08	315.0	10.11
	35	160.9	5.51	191.5	6.38	223.5	7.32	238.4	7.81	253.2	8.32	285.2	9.33	315.0	10.36
	40	160.9	5.65	191.5	6.55	223.5	7.51	238.4	7.99	253.2	8.53	285.2	9.55	315.0	10.63
	45	160.9	5.73	191.5	6.64	223.5	7.61	238.4	8.10	253.2	8.65	285.2	9.68	315.0	10.79
	50	160.9	5.81	191.5	6.74	223.5	7.73	238.4	8.22	253.2	8.78	285.2	9.83	315.0	10.94
	55	160.9	5.93	191.5	6.86	223.5	7.85	238.4	8.34	253.2	8.90	285.2	10.01	315.0	11.13
	60	160.9	6.06	191.5	7.05	223.5	8.10	238.4	8.65	253.2	9.21	285.2	10.32	315.0	11.56
	65	160.9	6.12	191.5	7.17	223.5	8.22	238.4	8.78	253.2	9.33	285.2	10.51	315.0	11.74
	70	160.9	6.30	191.5	7.29	223.5	8.41	238.4	9.02	253.2	9.58	285.2	10.82	315.0	12.12
	75	160.9	6.37	191.5	7.42	223.5	8.59	238.4	9.15	253.2	9.77	285.2	11.00	315.0	12.36
	80	160.9	6.55	191.5	7.85	223.5	9.21	238.4	9.95	253.2	10.69	285.2	12.30	315.0	14.03
	85	160.9	6.98	191.5	8.28	223.5	9.77	238.4	10.57	253.2	11.37	285.2	13.10	315.0	14.96
	90	160.9	7.79	191.5	9.27	223.5	11.00	238.4	11.87	253.2	12.80	285.2	14.77	315.0	16.94
	95	160.9	8.22	191.5	9.83	223.5	11.62	238.4	12.61	253.2	13.60	285.2	15.70	315.0	17.99
	100	160.9	8.65	191.5	10.38	223.5	12.30	238.4	13.35	253.2	14.40	285.2	16.69	315.0	19.10
	105	160.9	9.46	191.5	11.47	223.5	13.60	238.4	14.74	253.2	15.94	285.2	18.49	315.0	21.25
	110	160.9	10.45	191.5	12.67	223.5	15.08	238.4	16.38	253.2	17.74	285.2	20.65	315.0	23.74
	115	160.9	11.19	191.5	13.60	223.5	16.20	238.4	17.62	253.2	19.10	285.2	22.25	315.0	25.59
	118	160.9	12.09	191.5	14.75	223.5	17.60	238.4	19.16	253.2	20.79	285.2	23.33	315.0	26.30
	122	160.9	13.33	191.5	16.30	223.5	19.47	238.4	21.27	253.2	20.43	268.0	17.68	266.3	19.98

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 heat recovery system synchronous operating range.
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).

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	458.3	11.31	544.4	13.72	632.8	16.29	656.1	17.58	665.4	18.97	688.5	21.74	704.9	22.46
	-5	458.3	11.93	544.4	14.48	632.8	17.19	656.1	18.54	665.4	20.01	688.5	22.93	704.9	23.70
	0	458.3	12.41	544.4	15.07	632.8	17.88	656.1	19.30	665.4	20.82	688.5	23.86	704.9	24.66
	5	458.3	12.87	544.4	15.62	632.8	18.54	656.1	20.00	665.4	21.58	688.5	24.73	704.9	25.56
	10	458.3	13.23	544.4	16.06	632.8	19.07	656.1	20.57	665.4	22.20	688.5	25.44	704.9	26.29
	14	458.3	13.72	544.4	16.64	632.8	19.76	656.1	21.32	665.4	23.00	688.5	26.36	704.9	27.23
	20	458.3	13.95	544.4	16.92	632.8	20.04	656.1	21.65	665.4	23.32	688.5	26.73	704.9	27.64
	25	458.3	14.15	544.4	17.13	632.8	20.28	656.1	21.92	665.4	23.59	688.5	27.03	704.9	27.96
	30	458.3	14.35	544.4	17.35	632.8	20.53	656.1	22.19	665.4	23.85	688.5	27.35	704.9	28.29
	35	458.3	14.50	544.4	17.58	632.8	20.77	656.1	22.43	665.4	24.15	688.5	27.67	704.9	28.63
	40	458.3	14.69	544.4	17.76	632.8	21.02	656.1	22.73	665.4	24.43	688.5	27.99	704.9	28.97
	45	458.3	14.84	544.4	17.95	632.8	21.25	656.1	22.96	665.4	24.66	688.5	28.29	704.9	29.26
	50	458.3	14.99	544.4	18.13	632.8	21.45	656.1	23.19	665.4	24.93	688.5	28.56	704.9	29.56
	55	458.3	15.24	544.4	18.47	632.8	21.86	646.8	23.69	656.1	25.42	679.1	29.06	695.5	29.77
	60	458.3	15.74	544.4	19.12	623.5	22.78	632.4	24.60	639.8	26.41	662.7	29.97	679.1	30.10
	65	458.3	16.06	544.4	19.54	614.1	23.19	623.5	25.09	630.5	26.91	653.2	30.97	669.6	31.21
	70	458.3	15.46	544.4	18.77	602.6	23.11	609.5	25.42	618.8	27.90	641.4	30.99	658.0	31.30
	75	458.3	15.84	544.4	20.02	593.4	24.73	600.2	27.28	609.5	29.92	632.1	32.46	648.5	32.70
	80	458.3	18.02	544.4	22.79	577.0	28.28	584.0	31.22	593.4	34.31	615.6	35.24	632.1	35.55
	85	458.3	19.17	544.4	24.34	567.7	30.22	577.0	33.31	584.0	36.40	606.2	36.71	622.8	37.02
	90	458.3	21.72	535.1	27.67	551.4	34.31	558.3	37.94	567.7	39.26	589.8	39.57	606.2	39.96
	95	463.2	23.02	531.3	29.45	547.8	36.63	557.2	40.49	564.3	40.66	586.6	41.04	603.2	41.42
	100	463.2	24.93	522.0	31.85	538.5	39.71	547.8	42.63	554.9	42.86	579.4	43.25	596.1	43.64
	105	463.2	28.10	508.0	36.04	524.3	44.79	532.5	45.83	540.6	46.07	559.3	46.49	567.4	46.93
	110	463.2	31.56	486.9	40.61	507.3	48.86	508.9	49.10	516.3	49.27	527.2	49.74	529.2	50.22
	115	460.8	36.51	469.2	46.70	469.2	51.50	469.2	51.50	469.2	51.50	476.0	51.60	478.1	51.69
	118	400.7	30.93	408.0	39.57	408.6	43.32	408.6	43.70	408.6	43.70	414.5	43.78	412.8	43.87
	122	320.1	23.47	327.2	30.09	325.6	32.98	326.4	33.04	327.2	33.09	332.7	33.18	332.3	33.32
120%	-9.9	417.0	10.66	497.7	12.91	578.4	15.30	619.8	16.50	647.5	17.79	676.9	20.40	690.9	21.08
	-5	417.0	11.24	497.7	13.63	578.4	16.14	619.8	17.40	647.5	18.77	676.9	21.51	690.9	22.24
	0	417.0	11.70	497.7	14.18	578.4	16.79	619.8	18.11	647.5	19.53	676.9	22.38	690.9	23.14
	5	417.0	12.13	497.7	14.70	578.4	17.40	619.8	18.77	647.5	20.24	676.9	23.20	690.9	23.98
	10	417.0	12.48	497.7	15.13	578.4	17.90	619.8	19.31	647.5	20.82	676.9	23.88	690.9	24.67
	14	417.0	12.94	497.7	15.68	578.4	18.55	619.8	20.01	647.5	21.58	676.9	24.73	690.9	25.56
	20	417.0	13.13	497.7	15.91	578.4	18.82	619.8	20.31	647.5	21.88	676.9	25.09	690.9	25.94
	25	417.0	13.30	497.7	16.10	578.4	19.04	619.8	20.57	647.5	22.14	676.9	25.38	690.9	26.25
	30	417.0	13.46	497.7	16.29	578.4	19.26	619.8	20.82	647.5	22.38	676.9	25.67	690.9	26.56
	35	417.0	13.64	497.7	16.48	578.4	19.50	619.8	21.10	647.5	22.66	676.9	25.97	690.9	26.89
	40	417.0	13.81	497.7	16.70	578.4	19.76	619.8	21.35	647.5	22.96	676.9	26.31	690.9	27.23
	45	417.0	13.97	497.7	16.88	578.4	19.98	619.8	21.60	647.5	23.21	676.9	26.59	690.9	27.54
	50	417.0	14.12	497.7	17.07	578.4	20.19	619.8	21.83	647.5	23.47	676.9	26.91	690.9	27.83
	55	417.0	14.35	497.7	17.39	578.4	20.59	619.8	22.30	640.5	23.94	667.5	27.37	683.9	28.04
	60	417.0	14.82	497.7	18.02	578.4	21.45	615.3	23.16	622.1	24.87	651.0	28.22	665.2	28.73
	65	417.0	15.13	497.7	18.40	578.4	21.83	606.0	23.62	615.3	25.35	641.7	29.16	658.1	29.40
	70	417.0	14.84	497.7	18.03	578.4	22.18	594.5	24.41	601.4	26.78	629.9	29.75	644.0	30.05
	75	417.0	15.21	497.7	19.21	578.4	23.74	585.3	26.19	594.5	28.72	620.4	31.16	637.0	31.39
	80	417.0	17.29	497.7	21.88	562.3	27.16	569.1	29.97	576.1	32.95	604.0	33.83	618.1	34.13
	85	417.0	18.40	497.7	23.37	553.0	29.01	559.9	31.98	569.1	34.95	594.6	35.24	611.1	35.55
	90	417.0	20.85	497.7	26.57	536.9	32.95	543.9	36.42	550.7	37.69	578.2	37.98	592.2	38.35
	95	421.4	22.11	503.1	28.27	533.2	35.17	540.2	38.88	549.5	39.02	574.7	39.39	591.4	39.77
	100	421.4	23.93	503.1	30.57	523.8	38.12	533.2	40.92	540.2	41.14	567.7	41.53	581.9	41.90
	105	421.4	26.96	494.9	34.62	510.0	43.02	518.2	43.99	525.0	44.24	551.1	44.62	560.3	45.03
	110	421.4	30.29	482.3	38.98	498.0	46.90	499.5	47.13	506.9	47.29	522.6	47.75	524.7	48.21
	115	409.8	35.05	464.6	44.84	464.6	49.45	464.6	49.45	464.6	49.45	476.1	49.54	478.3	49.62
	118	365.9	30.93	404.1	37.98	404.6	41.58	404.6	41.96	404.6	41.96	414.6	42.03	412.8	42.10
	122	292.4	23.47	324.1	28.88	322.5	31.65	323.3	31.73	324.1	31.76	333.0	31.85	332.3	31.99

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 heat recovery system synchronous operating range.
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).

COOLING CAPACITY DATA



ARUM504CTE5

504,000 Btu/h 575V Outdoor 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	386.5	9.81	461.1	11.84	535.5	14.04	572.8	15.21	610.2	16.29	672.1	18.59	686.4	19.29
	-5	386.5	10.35	461.1	12.49	535.5	14.81	572.8	16.05	610.2	17.19	672.1	19.62	686.4	20.36
	0	386.5	10.77	461.1	12.99	535.5	15.40	572.8	16.69	610.2	17.88	672.1	20.41	686.4	21.17
	5	386.5	11.16	461.1	13.46	535.5	15.97	572.8	17.30	610.2	18.54	672.1	21.14	686.4	21.95
	10	386.5	11.49	461.1	13.86	535.5	16.43	572.8	17.80	610.2	19.07	672.1	21.77	686.4	22.57
	14	386.5	11.90	461.1	14.36	535.5	17.01	572.8	18.45	610.2	19.76	672.1	22.55	686.4	23.39
	20	386.5	12.07	461.1	14.59	535.5	17.27	572.8	18.71	610.2	20.07	672.1	22.93	686.4	23.76
	25	386.5	12.22	461.1	14.78	535.5	17.48	572.8	18.91	610.2	20.31	672.1	23.25	686.4	24.06
	30	386.5	12.36	461.1	14.96	535.5	17.70	572.8	19.13	610.2	20.57	672.1	23.57	686.4	24.35
	35	386.5	12.55	461.1	15.17	535.5	17.94	572.8	19.41	610.2	20.87	672.1	23.92	686.4	24.75
	40	386.5	12.73	461.1	15.39	535.5	18.20	572.8	19.67	610.2	21.16	672.1	24.25	686.4	25.06
	45	386.5	12.94	461.1	15.63	535.5	18.49	572.8	20.00	610.2	21.51	672.1	24.66	686.4	25.49
	50	386.5	13.14	461.1	15.91	535.5	18.80	572.8	20.33	610.2	21.86	672.1	25.05	686.4	25.88
	55	386.5	13.36	461.1	16.20	535.5	19.17	572.8	20.77	610.2	22.29	662.7	25.48	676.9	26.13
	60	386.5	13.80	461.1	16.78	535.5	19.96	572.8	21.56	610.2	23.16	646.0	26.29	660.3	26.52
	65	386.5	14.09	461.1	17.14	535.5	20.33	572.8	22.00	610.2	23.60	636.6	27.16	650.7	27.37
	70	386.5	14.23	461.1	17.29	535.5	21.28	572.8	23.41	598.5	25.68	624.6	28.53	638.9	28.82
	75	386.5	14.59	461.1	18.43	535.5	22.77	572.8	25.12	589.2	27.53	615.1	29.88	629.4	30.10
	80	382.6	16.57	456.4	20.99	530.1	26.04	560.0	28.74	567.0	31.59	592.4	32.44	606.5	32.72
	85	382.6	17.65	456.4	22.41	530.1	27.81	550.8	30.66	557.7	33.50	583.0	33.80	597.1	34.08
	90	382.6	19.99	456.4	25.47	527.8	31.59	534.7	34.93	541.6	36.14	566.5	36.42	580.8	36.79
	95	382.6	21.20	456.4	27.11	518.6	33.72	525.5	37.28	532.5	37.42	557.2	37.78	571.2	38.12
	100	382.6	22.96	456.4	29.32	511.6	36.56	518.6	39.24	525.5	39.45	550.2	39.82	564.2	40.17
	105	382.6	25.87	456.4	33.16	495.7	41.25	502.6	42.22	509.4	42.42	533.9	42.79	547.6	43.20
	110	382.6	29.05	456.4	37.38	480.4	44.97	481.8	45.20	488.9	45.34	504.1	45.79	506.1	46.23
	115	382.6	33.62	456.4	43.00	459.9	47.41	459.9	47.41	462.0	47.41	471.3	47.50	473.4	47.59
	118	369.6	30.62	396.9	36.42	400.4	39.86	400.4	40.23	402.3	40.23	410.3	40.30	408.6	40.37
	122	295.4	23.23	318.3	27.69	319.2	30.35	320.0	30.42	322.2	30.46	329.4	30.55	328.9	30.67
100%	-9.9	339.8	8.64	405.0	10.42	470.3	12.34	504.0	13.45	553.9	14.56	621.1	16.80	655.9	17.49
	-5	339.8	9.10	405.0	10.99	470.3	13.03	504.0	14.19	553.9	15.36	621.1	17.72	655.9	18.45
	0	339.8	9.47	405.0	11.44	470.3	13.55	504.0	14.77	553.9	15.97	621.1	18.43	655.9	19.20
	5	339.8	9.82	405.0	11.85	470.3	14.04	504.0	15.30	553.9	16.56	621.1	19.11	655.9	19.90
	10	339.8	10.11	405.0	12.19	470.3	14.45	504.0	15.74	553.9	17.03	621.1	19.66	655.9	20.47
	14	339.8	10.48	405.0	12.63	470.3	14.97	504.0	16.32	553.9	17.65	621.1	20.36	655.9	21.22
	20	339.8	10.80	405.0	13.05	470.3	15.45	504.0	16.78	553.9	18.22	621.1	20.96	655.9	21.81
	25	339.8	11.07	405.0	13.40	470.3	15.84	504.0	17.16	553.9	18.68	621.1	21.46	655.9	22.32
	30	339.8	11.35	405.0	13.72	470.3	16.24	504.0	17.56	553.9	19.15	621.1	21.95	655.9	22.82
	35	339.8	11.52	405.0	13.95	470.3	16.50	504.0	17.84	553.9	19.46	621.1	22.32	655.9	23.21
	40	339.8	11.72	405.0	14.18	470.3	16.75	504.0	18.11	553.9	19.77	621.1	22.66	655.9	23.56
	45	339.8	11.98	405.0	14.48	470.3	17.10	504.0	18.51	553.9	20.17	621.1	23.14	655.9	24.06
	50	339.8	12.20	405.0	14.76	470.3	17.46	504.0	18.88	553.9	20.59	621.1	23.60	655.9	24.54
	55	339.8	12.40	405.0	15.03	470.3	17.79	504.0	19.28	553.9	21.00	621.1	24.02	648.9	24.90
	60	339.8	12.80	405.0	15.57	470.3	18.54	504.0	20.02	553.9	21.83	618.8	24.77	630.4	25.35
	65	339.8	13.08	405.0	15.91	470.3	18.88	504.0	20.42	553.9	22.24	609.5	25.58	623.4	26.10
	70	339.8	13.49	405.0	16.38	470.3	20.16	504.0	22.18	553.9	24.70	597.9	27.44	609.5	27.92
	75	339.8	13.81	405.0	17.46	470.3	21.57	504.0	23.79	553.9	26.48	588.7	28.73	602.6	29.09
	80	339.8	15.70	405.0	19.89	470.3	24.67	504.0	27.23	553.9	30.38	572.4	31.20	584.1	31.62
	85	339.8	16.71	405.0	21.23	470.3	26.36	504.0	29.05	551.6	32.22	563.2	32.49	577.1	32.93
	90	339.8	18.94	405.0	24.13	470.3	29.92	504.0	33.09	533.0	34.75	546.9	35.03	558.6	35.55
	95	339.8	20.09	405.0	25.68	470.3	31.94	504.0	35.32	526.2	35.99	537.6	36.33	551.6	36.85
	100	339.8	21.69	405.0	27.72	470.3	34.55	495.0	37.09	517.1	37.85	530.6	38.20	542.6	38.74
	105	339.8	24.38	405.0	31.22	467.7	38.85	481.3	39.74	501.5	40.54	514.5	40.90	527.1	41.46
	110	339.8	27.23	405.0	35.06	462.3	42.17	472.8	42.38	482.3	43.16	490.0	43.59	498.9	44.21
	115	339.8	31.30	405.0	40.03	440.1	44.15	453.6	44.15	465.0	44.81	469.2	44.89	471.3	45.20
	118	339.8	31.57	355.3	37.55	383.1	37.13	394.9	37.46	404.8	38.03	408.6	38.10	406.9	38.35
	122	290.7	28.59	284.9	28.56	305.4	28.27	315.5	28.33	324.3	28.79	328.1	28.88	327.6	29.14

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 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).

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	306.0	7.70	364.5	9.24	425.4	10.89	454.5	11.72	483.8	12.53	542.3	14.43	600.8	15.83
	-5	306.0	8.13	364.5	9.74	425.4	11.50	454.5	12.36	483.8	13.22	542.3	15.23	600.8	16.71
	0	306.0	8.46	364.5	10.13	425.4	11.97	454.5	12.87	483.8	13.75	542.3	15.83	600.8	17.39
	5	306.0	8.76	364.5	10.50	425.4	12.40	454.5	13.34	483.8	14.26	542.3	16.41	600.8	18.02
	10	306.0	9.01	364.5	10.80	425.4	12.76	454.5	13.72	483.8	14.66	542.3	16.89	600.8	18.54
	14	306.0	9.33	364.5	11.20	425.4	13.22	454.5	14.22	483.8	15.19	542.3	17.50	600.8	19.21
	20	306.0	9.68	364.5	11.62	425.4	13.72	454.5	14.77	483.8	15.83	542.3	18.13	600.8	19.95
	25	306.0	9.96	364.5	11.98	425.4	14.13	454.5	15.22	483.8	16.35	542.3	18.66	600.8	20.56
	30	306.0	10.25	364.5	12.32	425.4	14.54	454.5	15.68	483.8	16.88	542.3	19.17	600.8	21.17
	35	306.0	10.57	364.5	12.71	425.4	14.98	454.5	16.14	483.8	17.38	542.3	19.75	600.8	21.83
	40	306.0	10.87	364.5	13.08	425.4	15.42	454.5	16.64	483.8	17.90	542.3	20.34	600.8	22.46
	45	306.0	11.12	364.5	13.40	425.4	15.79	454.5	17.02	483.8	18.34	542.3	20.80	600.8	23.00
	50	306.0	11.37	364.5	13.68	425.4	16.14	454.5	17.40	483.8	18.73	542.3	21.28	600.8	23.49
	55	306.0	11.51	364.5	13.90	425.4	16.42	454.5	17.76	483.8	19.09	542.3	21.69	600.8	23.71
	60	306.0	11.93	364.5	14.46	425.4	17.05	454.5	18.45	483.8	19.86	542.3	22.54	595.7	23.98
	65	306.0	12.13	364.5	14.73	425.4	17.40	454.5	18.80	483.8	20.21	542.3	22.96	591.8	25.18
	70	306.0	12.49	364.5	15.16	425.4	18.03	454.5	19.86	483.8	21.69	542.3	25.61	580.5	27.05
	75	306.0	12.71	364.5	15.86	425.4	19.30	454.5	21.26	483.8	23.30	542.3	26.71	571.5	28.26
	80	306.0	14.24	364.5	17.97	425.4	22.04	454.5	24.28	483.8	26.59	542.3	29.52	555.8	30.73
	85	306.0	15.16	364.5	19.16	425.4	23.57	454.5	25.90	483.8	28.42	535.5	31.10	546.8	31.99
	90	306.0	17.12	364.5	21.69	425.4	26.73	454.5	29.46	483.8	32.35	519.9	34.03	531.0	34.54
	95	306.0	18.25	364.5	23.02	425.4	28.49	454.5	31.43	483.8	34.52	510.8	35.32	522.0	35.81
	100	306.0	18.84	364.5	23.99	425.4	29.68	454.5	32.68	483.8	35.28	504.0	36.84	513.0	37.25
	105	306.0	21.83	364.5	27.83	425.4	33.55	454.5	35.78	478.3	37.83	488.4	39.48	494.9	39.98
	110	306.0	25.07	364.5	32.10	425.4	36.82	454.5	38.63	459.0	41.02	465.0	42.42	468.8	42.90
	115	306.0	27.15	364.5	34.80	398.3	38.76	430.9	40.42	437.1	42.33	441.1	43.25	443.1	43.81
	118	306.0	28.83	355.3	37.55	346.8	32.59	375.2	34.30	380.5	35.92	384.0	36.70	382.5	37.17
	122	290.7	28.59	284.9	28.56	276.3	24.81	299.8	25.94	304.8	27.19	308.4	27.82	307.8	28.24
80%	-9.9	272.2	6.67	324.0	8.04	378.0	9.33	402.8	10.14	429.8	10.93	481.5	12.48	533.3	13.90
	-5	272.2	7.04	324.0	8.48	378.0	9.84	402.8	10.69	429.8	11.53	481.5	13.17	533.3	14.67
	0	272.2	7.32	324.0	8.82	378.0	10.25	402.8	11.12	429.8	11.99	481.5	13.69	533.3	15.25
	5	272.2	7.59	324.0	9.15	378.0	10.62	402.8	11.53	429.8	12.44	481.5	14.20	533.3	15.82
	10	272.2	7.81	324.0	9.41	378.0	10.92	402.8	11.86	429.8	12.80	481.5	14.61	533.3	16.27
	14	272.2	8.09	324.0	9.74	378.0	11.32	402.8	12.30	429.8	13.26	481.5	15.14	533.3	16.86
	20	272.2	8.40	324.0	10.10	378.0	11.77	402.8	12.76	429.8	13.72	481.5	15.68	533.3	17.51
	25	272.2	8.66	324.0	10.39	378.0	12.16	402.8	13.14	429.8	14.09	481.5	16.14	533.3	18.04
	30	272.2	8.92	324.0	10.67	378.0	12.53	402.8	13.52	429.8	14.47	481.5	16.60	533.3	18.59
	35	272.2	9.15	324.0	10.98	378.0	12.89	402.8	13.88	429.8	14.87	481.5	17.06	533.3	19.12
	40	272.2	9.41	324.0	11.26	378.0	13.22	402.8	14.27	429.8	15.28	481.5	17.52	533.3	19.62
	45	272.2	9.53	324.0	11.40	378.0	13.42	402.8	14.48	429.8	15.47	481.5	17.76	533.3	19.89
	50	272.2	9.67	324.0	11.58	378.0	13.59	402.8	14.67	429.8	15.70	481.5	18.00	533.3	20.16
	55	272.3	9.81	324.0	11.77	378.0	13.83	402.8	14.91	429.8	16.00	481.5	18.34	533.3	20.50
	60	272.3	10.16	324.0	12.16	378.0	14.32	402.8	15.45	429.8	16.63	481.5	18.98	533.3	21.34
	65	272.3	10.30	324.0	12.41	378.0	14.62	402.8	15.74	429.8	16.98	481.5	19.32	533.3	21.83
	70	272.3	10.60	324.0	12.76	378.0	15.05	402.8	16.24	429.8	17.67	481.5	20.85	533.3	24.14
	75	272.3	10.80	324.0	13.00	378.0	15.79	402.8	17.32	429.8	18.84	481.5	22.18	533.3	25.44
	80	272.3	11.81	324.0	14.77	378.0	18.00	402.8	19.67	429.8	21.49	481.5	25.51	533.3	28.43
	85	272.3	12.62	324.0	15.70	378.0	19.18	402.8	21.00	429.8	23.01	481.5	27.18	533.3	29.17
	90	272.3	14.18	324.0	17.81	378.0	21.69	402.8	23.84	429.8	26.14	481.5	29.87	524.6	30.91
	95	272.3	15.05	324.0	18.84	378.0	23.16	402.8	25.31	429.8	27.81	481.5	30.91	513.3	31.75
	100	272.2	16.24	324.0	20.31	378.0	24.98	402.8	27.12	429.8	28.91	481.5	32.17	501.8	32.77
	105	272.2	18.51	324.0	23.24	378.0	27.81	402.8	29.10	429.8	31.01	475.8	33.45	487.4	34.40
	110	272.3	21.00	324.0	26.49	378.0	29.49	402.8	31.08	429.8	33.41	459.0	34.68	461.3	36.18
	115	272.3	22.47	324.0	28.31	378.0	30.47	402.8	32.67	402.8	34.19	405.3	35.46	405.3	37.61
	118	272.3	23.85	324.0	30.09	346.8	32.59	353.7	31.01	350.7	29.01	352.8	30.10	349.8	31.92
	122	272.3	25.79	285.9	28.37	276.3	24.81	282.6	23.46	280.9	21.97	283.3	22.82	281.6	24.25

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 heat recovery system synchronous operating range.
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).

COOLING CAPACITY DATA



ARUM504CTE5

504,000 Btu/h 575V Outdoor 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	5.89	283.5	7.00	330.9	8.23	353.3	8.82	375.8	9.39	420.8	10.76	468.0	12.04
	-5	238.5	6.21	283.5	7.38	330.9	8.69	353.3	9.30	375.8	9.91	420.8	11.35	468.0	12.71
	0	238.5	6.46	283.5	7.68	330.9	9.04	353.3	9.67	375.8	10.31	420.8	11.81	468.0	13.22
	5	238.5	6.70	283.5	7.97	330.9	9.37	353.3	10.02	375.8	10.69	420.8	12.25	468.0	13.69
	10	238.5	6.90	283.5	8.19	330.9	9.65	353.3	10.32	375.8	10.99	420.8	12.59	468.0	14.09
	14	238.5	7.14	283.5	8.49	330.9	9.99	353.3	10.69	375.8	11.40	420.8	13.05	468.0	14.61
	20	238.5	7.39	283.5	8.78	330.9	10.30	353.3	11.04	375.8	11.79	420.8	13.46	468.0	15.10
	25	238.5	7.59	283.5	9.01	330.9	10.57	353.3	11.34	375.8	12.11	420.8	13.81	468.0	15.51
	30	238.5	7.79	283.5	9.24	330.9	10.82	353.3	11.63	375.8	12.44	420.8	14.15	468.0	15.92
	35	238.5	8.02	283.5	9.50	330.9	11.12	353.3	11.94	375.8	12.78	420.8	14.52	468.0	16.35
	40	238.5	8.21	283.5	9.74	330.9	11.40	353.3	12.25	375.8	13.10	420.8	14.91	468.0	16.75
	45	238.5	8.34	283.5	9.88	330.9	11.58	353.3	12.48	375.8	13.31	420.8	15.15	468.0	17.02
	50	238.5	8.48	283.5	10.06	330.9	11.77	353.3	12.66	375.8	13.54	420.8	15.40	468.0	17.32
	55	238.5	8.64	283.5	10.25	330.9	11.97	353.3	12.85	375.8	13.78	420.8	15.70	468.0	17.67
	60	238.5	8.87	283.5	10.60	330.9	12.41	353.3	13.35	375.8	14.27	420.8	16.29	468.0	18.34
	65	238.5	9.03	283.5	10.80	330.9	12.62	353.3	13.59	375.8	14.56	420.8	16.58	468.0	18.63
	70	238.5	9.27	283.5	11.08	330.9	13.00	353.3	13.98	375.8	15.01	420.8	17.17	468.0	19.81
	75	238.5	9.42	283.5	11.29	330.9	13.25	353.3	14.47	375.8	15.70	420.8	18.34	468.0	20.99
	80	238.5	10.16	283.5	12.45	330.9	15.05	353.3	16.43	375.8	17.81	420.8	20.29	468.0	23.28
	85	238.5	10.80	283.5	13.25	330.9	16.04	353.3	17.51	375.8	19.18	420.8	21.61	468.0	24.26
	90	238.5	12.12	283.5	14.96	330.9	18.15	353.3	19.81	375.8	21.69	420.8	24.10	468.0	26.34
	95	238.5	12.80	283.5	15.89	330.9	19.32	353.3	21.14	375.8	23.01	420.8	25.35	468.0	27.13
	100	238.5	13.83	283.5	17.17	330.9	20.85	353.3	22.82	375.8	23.69	420.8	26.53	468.0	27.90
	105	238.5	15.68	283.5	19.57	330.9	23.00	353.3	24.34	375.8	25.75	420.8	27.94	468.0	29.52
	110	238.5	17.67	283.5	22.18	330.9	24.34	353.3	25.80	375.8	27.92	420.8	29.10	454.5	31.75
	115	238.5	18.98	283.5	23.65	330.9	25.16	353.3	27.27	375.8	28.73	420.8	29.98	428.4	33.80
	118	238.5	20.16	283.5	25.12	330.9	26.73	353.3	28.91	341.9	28.73	352.8	25.44	349.8	28.68
	122	238.5	21.74	283.5	27.21	295.2	25.53	282.3	23.76	273.9	21.74	283.3	19.29	281.6	21.79
60%	-9.9	204.9	5.11	243.0	5.93	283.5	6.96	301.5	7.42	321.8	8.00	362.4	9.06	400.5	10.13
	-5	204.9	5.39	243.0	6.26	283.5	7.33	301.5	7.84	321.8	8.44	362.4	9.56	400.5	10.69
	0	204.9	5.60	243.0	6.50	283.5	7.63	301.5	8.15	321.8	8.78	362.4	9.94	400.5	11.12
	5	204.9	5.81	243.0	6.73	283.5	7.91	301.5	8.46	321.8	9.10	362.4	10.31	400.5	11.52
	10	204.9	5.98	243.0	6.94	283.5	8.14	301.5	8.70	321.8	9.37	362.4	10.60	400.5	11.85
	14	204.9	6.18	243.0	7.19	283.5	8.43	301.5	9.01	321.8	9.70	362.4	10.99	400.5	12.29
	20	204.9	6.38	243.0	7.45	283.5	8.71	301.5	9.33	321.8	10.02	362.4	11.35	400.5	12.71
	25	204.9	6.53	243.0	7.67	283.5	8.93	301.5	9.59	321.8	10.28	362.4	11.66	400.5	13.08
	30	204.9	6.69	243.0	7.88	283.5	9.16	301.5	9.85	321.8	10.54	362.4	11.95	400.5	13.42
	35	204.9	6.85	243.0	8.09	283.5	9.39	301.5	10.11	321.8	10.80	362.4	12.25	400.5	13.77
	40	204.9	7.04	243.0	8.29	283.5	9.65	301.5	10.37	321.8	11.09	362.4	12.59	400.5	14.13
	45	204.9	7.10	243.0	8.37	283.5	9.71	301.5	10.46	321.8	11.20	362.4	12.68	400.5	14.23
	50	204.9	7.17	243.0	8.43	283.5	9.81	301.5	10.55	321.8	11.29	362.4	12.80	400.5	14.37
	55	204.9	7.26	243.0	8.59	283.5	10.01	301.5	10.75	321.8	11.48	362.4	13.05	400.5	14.62
	60	204.9	7.51	243.0	8.87	283.5	10.34	301.5	11.14	321.8	11.93	362.4	13.49	400.5	15.21
	65	204.9	7.60	243.0	9.03	283.5	10.55	301.5	11.33	321.8	12.12	362.4	13.78	400.5	15.51
	70	204.9	7.79	243.0	9.27	283.5	10.84	301.5	11.63	321.8	12.45	362.4	14.18	400.5	16.09
	75	204.9	7.95	243.0	9.42	283.5	11.03	301.5	11.87	321.8	12.85	362.4	15.01	400.5	17.14
	80	204.9	8.43	243.0	10.30	283.5	12.36	301.5	13.49	321.8	14.62	362.4	16.82	400.5	19.37
	85	204.9	8.98	243.0	10.94	283.5	13.14	301.5	14.37	321.8	15.65	362.4	17.70	400.5	19.99
	90	204.9	10.06	243.0	12.36	283.5	14.87	301.5	16.24	321.8	17.58	362.4	19.79	400.5	21.80
	95	204.9	10.65	243.0	13.10	283.5	15.79	301.5	17.32	321.8	18.61	362.4	20.68	400.5	22.96
	100	204.9	11.43	243.0	14.09	283.5	17.02	301.5	18.63	321.8	19.44	362.4	21.95	400.5	23.94
	105	204.9	13.00	243.0	16.03	283.5	18.80	301.5	19.89	321.8	21.16	362.4	23.31	400.5	26.11
	110	204.9	14.62	243.0	18.20	283.5	20.27	301.5	21.09	321.8	22.87	362.4	24.93	400.5	28.47
	115	204.9	15.65	243.0	19.43	283.5	21.06	301.5	22.32	321.8	23.67	362.4	26.35	400.5	30.42
	118	204.9	16.57	243.0	20.59	283.5	22.36	301.5	23.71	321.8	25.19	352.8	25.44	349.8	28.68
	122	204.9	17.85	243.0	22.27	283.5	24.23	281.6	24.06	272.6	22.27	283.3	19.29	281.6	21.79

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 heat recovery system synchronous operating range.
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).

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	4.39	202.5	5.17	236.4	5.78	252.0	6.23	267.9	6.71	301.5	7.45	333.0	8.25
	-5	170.1	4.63	202.5	5.45	236.4	6.09	252.0	6.58	267.9	7.08	301.5	7.86	333.0	8.70
	0	170.1	4.82	202.5	5.67	236.4	6.35	252.0	6.83	267.9	7.36	301.5	8.16	333.0	9.06
	5	170.1	4.99	202.5	5.87	236.4	6.58	252.0	7.08	267.9	7.63	301.5	8.46	333.0	9.38
	10	170.1	5.14	202.5	6.04	236.4	6.76	252.0	7.28	267.9	7.84	301.5	8.70	333.0	9.65
	14	170.1	5.32	202.5	6.27	236.4	7.01	252.0	7.56	267.9	8.13	301.5	9.02	333.0	10.00
	20	170.1	5.52	202.5	6.46	236.4	7.31	252.0	7.83	267.9	8.40	301.5	9.35	333.0	10.39
	25	170.1	5.68	202.5	6.62	236.4	7.54	252.0	8.05	267.9	8.61	301.5	9.62	333.0	10.71
	30	170.1	5.86	202.5	6.78	236.4	7.78	252.0	8.28	267.9	8.84	301.5	9.90	333.0	11.03
	35	170.1	6.00	202.5	6.96	236.4	7.97	252.0	8.51	267.9	9.07	301.5	10.17	333.0	11.30
	40	170.1	6.16	202.5	7.14	236.4	8.19	252.0	8.71	267.9	9.30	301.5	10.42	333.0	11.60
	45	170.1	6.25	202.5	7.24	236.4	8.29	252.0	8.83	267.9	9.43	301.5	10.57	333.0	11.76
	50	170.1	6.33	202.5	7.35	236.4	8.43	252.0	8.96	267.9	9.57	301.5	10.71	333.0	11.93
	55	170.1	6.47	202.5	7.49	236.4	8.56	252.0	9.10	267.9	9.70	301.5	10.92	333.0	12.13
	60	170.1	6.60	202.5	7.68	236.4	8.83	252.0	9.44	267.9	10.05	301.5	11.26	333.0	12.61
	65	170.1	6.67	202.5	7.82	236.4	8.96	252.0	9.57	267.9	10.17	301.5	11.46	333.0	12.80
	70	170.1	6.87	202.5	7.95	236.4	9.16	252.0	9.84	267.9	10.45	301.5	11.79	333.0	13.21
	75	170.1	6.94	202.5	8.09	236.4	9.37	252.0	9.97	267.9	10.65	301.5	11.99	333.0	13.49
	80	170.1	7.14	202.5	8.56	236.4	10.05	252.0	10.85	267.9	11.66	301.5	13.41	333.0	15.30
	85	170.1	7.61	202.5	9.03	236.4	10.65	252.0	11.53	267.9	12.40	301.5	14.29	333.0	16.32
	90	170.1	8.50	202.5	10.11	236.4	11.99	252.0	12.94	267.9	13.95	301.5	16.11	333.0	18.48
	95	170.1	8.96	202.5	10.71	236.4	12.67	252.0	13.75	267.9	14.82	301.5	17.12	333.0	19.62
	100	170.1	9.44	202.5	11.33	236.4	13.41	252.0	14.56	267.9	15.70	301.5	18.20	333.0	20.82
	105	170.1	10.31	202.5	12.50	236.4	14.84	252.0	16.06	267.9	17.38	301.5	20.17	333.0	23.16
	110	170.1	11.39	202.5	13.81	236.4	16.44	252.0	17.86	267.9	19.35	301.5	22.52	333.0	25.88
	115	170.1	12.20	202.5	14.82	236.4	17.67	252.0	19.21	267.9	20.82	301.5	24.26	333.0	27.90
	118	170.1	13.18	202.5	16.09	236.4	19.20	252.0	20.89	267.9	22.68	301.5	25.44	333.0	28.68
	122	170.1	14.54	202.5	17.79	236.4	21.23	252.0	23.19	267.9	22.27	283.3	19.29	281.6	21.79

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 heat recovery system synchronous operating range.
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).

HEATING CAPACITY DATA



ARUM072CTE5

72,000 Btu/h 575V Outdoor Units

MULTI V 5 Outdoor Unit Performance Data Manual

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%	-21.6	-22.0	42.4	2.56	42.2	2.91	42.0	3.44	41.7	3.94	41.5	4.45	41.1	5.09	40.9	5.45	40.6	5.94
	-17.1	-17.5	49.2	3.09	49.0	3.43	48.7	3.95	48.4	4.43	48.0	4.92	47.6	5.51	47.4	5.83	47.1	6.26
	-12.6	-13.0	58.1	3.61	57.5	3.95	56.5	4.46	55.9	4.92	55.3	5.39	54.8	5.92	54.5	6.21	54.2	6.59
	-7.0	-7.6	66.2	4.24	65.5	4.57	64.4	5.06	63.7	5.51	63.0	5.96	62.5	6.43	62.2	6.66	61.7	6.98
	-4.0	-4.4	71.1	4.62	70.3	4.94	69.1	5.43	68.4	5.86	67.6	6.29	67.1	6.73	66.7	6.93	66.3	7.21
	0.0	-0.4	77.1	5.09	76.2	5.40	75.0	5.88	74.2	6.30	73.3	6.71	72.7	7.10	72.4	7.27	71.9	7.50
	5.0	4.5	84.6	5.67	83.7	5.98	82.3	6.44	81.4	6.84	80.5	7.24	79.8	7.56	79.4	7.69	78.9	7.86
	10.0	9.0	92.1	6.26	91.1	6.56	89.6	7.00	88.6	7.38	87.6	7.76	86.9	8.03	86.5	8.11	85.9	8.22
	15.0	14.0	99.5	6.83	98.4	7.12	96.8	7.55	95.7	7.92	94.6	8.28	93.8	8.46	93.4	8.44	92.7	8.42
	20.0	19.0	106.5	7.42	105.6	7.71	104.2	8.13	103.0	8.28	101.7	8.42	98.5	8.26	93.0	8.08	85.6	7.85
	25.0	23.0	108.0	8.17	108.2	8.28	108.3	8.45	106.7	8.33	105.1	8.22	98.7	7.87	92.9	7.70	85.1	7.47
	30.0	28.0	108.2	8.47	108.2	8.44	108.2	8.40	106.6	8.11	105.1	7.81	98.7	7.48	92.9	7.31	85.1	7.08
	35.0	32.0	108.2	8.63	108.2	8.40	108.2	8.06	106.6	7.73	105.1	7.40	98.7	7.09	92.9	6.92	85.1	6.70
	40.0	36.0	108.2	8.28	108.2	7.97	108.2	7.51	106.6	7.25	105.1	6.99	98.7	6.70	92.9	6.53	85.1	6.32
	45.0	41.0	108.2	7.36	108.2	7.21	108.2	6.97	106.6	6.77	105.1	6.57	98.7	6.30	92.9	6.14	85.1	5.93
	47.0	43.0	108.2	7.17	108.2	7.02	108.2	6.79	106.6	6.59	105.1	6.40	98.7	6.14	92.9	5.98	85.1	5.77
	50.0	46.0	108.2	6.90	108.2	6.76	108.2	6.54	106.6	6.35	105.1	6.16	98.7	5.91	92.9	5.76	85.1	5.56
	55.0	51.0	108.2	6.48	108.2	6.34	108.2	6.14	106.6	5.96	105.1	5.79	98.7	5.55	92.9	5.41	85.1	5.22
	60.0	56.0	108.2	6.02	108.2	5.90	108.2	5.71	106.6	5.54	105.1	5.38	98.7	5.16	92.9	5.03	85.1	4.85
120%	-21.6	-22.0	42.1	3.16	41.9	3.42	41.7	3.82	41.4	4.16	41.2	4.51	40.8	4.73	40.6	4.78	40.3	4.85
	-17.1	-17.5	48.9	3.65	48.7	3.91	48.4	4.31	48.0	4.66	47.7	5.01	47.3	5.23	47.1	5.27	46.7	5.34
	-12.6	-13.0	56.6	4.15	56.3	4.41	55.7	4.81	55.3	5.15	54.9	5.50	54.4	5.72	54.2	5.77	53.8	5.84
	-7.0	-7.6	65.4	4.74	64.7	5.00	63.8	5.40	63.2	5.75	62.5	6.09	62.0	6.31	61.7	6.36	61.3	6.43
	-4.0	-4.4	70.2	5.10	69.5	5.36	68.5	5.76	67.8	6.10	67.1	6.45	66.6	6.67	66.2	6.72	65.8	6.79
	0.0	-0.4	76.1	5.54	75.4	5.80	74.3	6.20	73.5	6.54	72.8	6.89	72.2	7.11	71.8	7.16	71.4	7.23
	5.0	4.5	83.5	6.09	82.7	6.35	81.5	6.75	80.7	7.09	79.9	7.44	79.2	7.66	78.8	7.71	78.3	7.78
	10.0	9.0	90.9	6.64	90.1	6.90	88.8	7.30	87.9	7.64	87.0	7.99	86.3	8.21	85.8	8.26	85.3	8.33
	15.0	14.0	98.2	7.18	97.2	7.44	95.9	7.84	94.9	8.18	93.9	8.53	91.6	8.71	87.7	8.67	82.5	8.62
	20.0	19.0	105.4	7.74	104.4	8.00	103.0	8.40	100.8	8.42	98.6	8.45	92.9	8.29	87.2	8.25	79.7	8.18
	25.0	23.0	108.0	8.56	107.3	8.55	106.2	8.53	102.4	8.28	98.6	8.03	92.9	7.89	87.2	7.83	79.7	7.75
	30.0	28.0	108.0	8.58	107.3	8.37	106.2	8.05	102.4	7.83	98.6	7.61	92.9	7.48	87.2	7.41	79.7	7.32
	35.0	32.0	108.0	8.02	107.3	7.84	106.2	7.57	102.4	7.38	98.6	7.20	92.9	7.07	87.2	6.99	79.7	6.89
	40.0	36.0	108.0	7.47	107.3	7.32	106.2	7.09	102.4	6.93	98.6	6.78	92.9	6.66	87.2	6.58	79.7	6.46
	45.0	41.0	108.0	6.92	107.3	6.80	106.2	6.61	102.4	6.49	98.6	6.36	92.9	6.25	87.2	6.16	79.7	6.04
	47.0	43.0	108.0	6.74	107.3	6.62	106.2	6.44	102.4	6.31	98.6	6.19	92.9	6.09	87.2	6.00	79.7	5.88
	50.0	46.0	108.0	6.49	107.3	6.37	106.2	6.20	102.4	6.08	98.6	5.96	92.9	5.86	87.2	5.78	79.7	5.66
	55.0	51.0	108.0	6.09	107.3	5.98	106.2	5.82	102.4	5.71	98.6	5.60	92.9	5.50	87.2	5.42	79.7	5.31
	60.0	56.0	108.0	5.66	107.3	5.56	106.2	5.41	102.4	5.31	98.6	5.20	92.9	5.12	87.2	5.04	79.7	4.94
110%	-21.6	-22.0	41.9	4.01	41.7	4.21	41.4	4.51	41.2	4.84	40.9	5.16	40.6	5.77	40.4	6.26	40.1	6.93
	-17.1	-17.5	48.6	4.51	48.4	4.71	48.1	5.00	47.8	5.33	47.4	5.66	47.0	6.26	46.8	6.76	46.5	7.42
	-12.6	-13.0	55.5	5.00	55.3	5.20	55.1	5.50	54.8	5.83	54.6	6.15	54.1	6.76	53.9	7.26	53.5	7.92
	-7.0	-7.6	63.7	5.60	63.4	5.80	62.9	6.09	62.6	6.42	62.2	6.75	61.7	7.35	61.4	7.85	61.0	8.51
	-4.0	-4.4	68.7	5.95	68.2	6.15	67.6	6.45	67.2	6.78	66.8	7.10	66.2	7.71	65.9	8.21	65.4	8.87
	0.0	-0.4	74.8	6.39	74.2	6.59	73.4	6.89	72.9	7.22	72.4	7.54	71.8	8.15	71.5	8.65	71.0	9.31
	5.0	4.5	82.4	6.94	81.7	7.14	80.6	7.44	80.0	7.77	79.5	8.09	78.4	8.52	77.1	8.64	75.3	8.79
	10.0	9.0	90.0	7.50	89.1	7.69	87.8	7.99	87.2	8.32	86.5	8.64	82.9	8.53	78.8	8.37	73.3	8.16
	15.0	14.0	97.5	8.03	96.4	8.23	94.9	8.53	91.7	8.51	88.5	8.49	83.3	8.26	78.6	8.00	72.3	7.65
	20.0	19.0	106.9	8.80	103.1	8.70	97.5	8.55	93.0	8.33	88.5	8.11	83.3	7.86	78.6	7.62	72.3	7.29
	25.0	23.0	106.9	8.65	103.1	8.46	97.5	8.18	93.0	7.94	88.5	7.70	83.3	7.47	78.6	7.24	72.3	6.94
	30.0	28.0	106.9	8.20	103.1	7.99	97.5	7.68	93.0	7.48	88.5	7.28	83.3	7.07	78.6	6.87	72.3	6.59
	35.0	32.0	106.9	7.58	103.1	7.42	97.5	7.18	93.0	7.03	88.5	6.87	83.3	6.68	78.6	6.49	72.3	6.24
	40.0	36.0	106.9	6.95	103.1	6.84	97.5	6.68	93.0	6.57	88.5	6.46	83.3	6.29	78.6	6.12	72.3	5.89
	45.0	41.0	106.9	6.34	103.1	6.28	97.5	6.19	93.0	6.11	88.5	6.04	83.3	5.89	78.6	5.74	72.3	5.54
	47.0	43.0	106.9	6.18	103.1	6.11	97.5	6.02	93.0	5.95	88.5	5.88	83.3	5.74	78.6	5.59	72.3	5.39
	50.0	46.0	106.9	5.95	103.1	5.89	97.5	5.80	93.0	5.73	88.5	5.67	83.3	5.53	78.6	5.38	72.3	5.19
	55.0	51.0	106.9	5.58	103.1	5.53	97.5	5.44	93.0	5.38	88.5	5.32	83.3	5.19	78.6	5.05	72.3	4.87
	60.0	56.0	106.9	5.19	103.1	5.14	97.5	5.06	93.0	5.00	88.5	4.95	83.3	4.82	78.6	4.70	72.3	4.53

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).

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%	-21.6	-22.0	41.7	3.27	41.5	3.74	41.3	4.44	41.0	4.92	40.8	5.40	40.4	6.06	40.2	6.48	40.0	7.03
	-17.1	-17.5	48.4	3.93	48.2	4.32	47.9	4.90	47.6	5.39	47.2	5.87	46.9	6.55	46.6	6.95	46.3	7.48
	-12.6	-13.0	55.1	4.56	54.9	4.90	54.5	5.41	54.4	5.88	54.4	6.35	53.9	7.04	53.6	7.42	53.3	7.93
	-7.0	-7.6	63.2	5.32	62.9	5.60	62.5	6.02	62.2	6.47	61.9	6.92	61.4	7.63	61.1	7.99	60.7	8.48
	-4.0	-4.4	68.0	5.77	67.7	6.02	67.3	6.39	66.9	6.83	66.5	7.26	66.0	7.98	65.6	8.33	65.2	8.80
	0.0	-0.4	73.8	6.33	73.4	6.54	73.0	6.84	72.6	7.26	72.1	7.69	71.3	8.33	70.6	8.49	69.6	8.71
	5.0	4.5	80.9	7.04	80.6	7.18	80.1	7.41	79.2	7.81	78.3	8.22	75.2	8.43	72.2	8.40	68.1	8.36
	10.0	9.0	87.2	7.74	86.1	7.83	84.6	7.97	82.8	8.20	81.0	8.44	76.2	8.30	71.8	8.10	65.8	7.83
	15.0	14.0	94.1	8.48	92.1	8.47	89.0	8.45	85.0	8.39	81.0	8.33	76.2	7.90	71.8	7.66	65.8	7.34
	20.0	19.0	98.0	8.51	94.4	8.43	89.0	8.29	85.0	8.08	81.0	7.86	76.2	7.44	71.8	7.22	65.8	6.91
	25.0	23.0	98.0	8.52	94.4	8.17	89.0	7.65	85.0	7.52	81.0	7.39	76.2	7.00	71.8	6.78	65.8	6.49
	30.0	28.0	98.0	7.94	94.4	7.65	89.0	7.21	85.0	7.07	81.0	6.93	76.2	6.55	71.8	6.35	65.8	6.07
	35.0	32.0	98.0	7.36	94.4	7.12	89.0	6.77	85.0	6.62	81.0	6.46	76.2	6.10	71.8	5.91	65.8	5.66
	40.0	36.0	98.0	6.78	94.4	6.60	89.0	6.33	85.0	6.16	81.0	6.00	76.2	5.66	71.8	5.48	65.8	5.24
	45.0	41.0	98.0	6.21	94.4	6.08	89.0	5.89	85.0	5.71	81.0	5.54	76.2	5.22	71.8	5.05	65.8	4.82
	47.0	43.0	98.0	6.04	94.4	5.92	89.0	5.73	85.0	5.56	81.0	5.39	76.2	5.08	71.8	4.92	65.8	4.70
	50.0	46.0	98.0	5.82	94.4	5.70	89.0	5.52	85.0	5.36	81.0	5.19	76.2	4.89	71.8	4.73	65.8	4.52
	55.0	51.0	98.0	5.46	94.4	5.35	89.0	5.18	85.0	5.03	81.0	4.87	76.2	4.59	71.8	4.44	65.8	4.25
	60.0	56.0	98.0	5.08	94.4	4.98	89.0	4.82	85.0	4.68	81.0	4.53	76.2	4.27	71.8	4.13	65.8	3.95
90%	-21.6	-22.0	41.5	4.21	41.3	4.46	41.1	4.84	40.8	5.34	40.6	5.85	40.3	6.20	40.1	6.53	39.8	6.97
	-17.1	-17.5	48.2	4.71	48.0	4.96	47.7	5.33	47.4	5.84	47.0	6.34	46.7	6.69	46.4	7.02	46.1	7.46
	-12.6	-13.0	54.9	5.20	54.7	5.45	54.3	5.83	54.2	6.33	54.1	6.84	53.7	7.19	53.4	7.52	53.1	7.96
	-7.0	-7.6	62.9	5.79	62.6	6.05	62.2	6.42	62.0	6.93	61.7	7.43	61.2	7.78	60.9	8.11	60.5	8.55
	-4.0	-4.4	67.7	6.15	67.4	6.40	67.0	6.78	66.6	7.28	66.2	7.79	65.7	7.99	65.4	8.00	64.9	8.02
	0.0	-0.4	73.4	6.59	73.1	6.84	72.7	7.22	72.2	7.62	71.6	8.01	68.9	7.99	65.9	7.96	61.9	7.92
	5.0	4.5	81.3	7.14	80.3	7.39	78.8	7.77	76.5	7.88	74.2	7.98	69.8	7.87	65.6	7.66	59.9	7.38
	10.0	9.0	88.8	7.90	85.8	7.94	81.3	8.00	77.8	7.98	74.2	7.95	69.8	7.58	65.6	7.24	59.9	6.78
	15.0	14.0	89.8	8.01	86.4	7.99	81.3	7.96	77.8	7.78	74.2	7.60	69.8	7.19	65.6	6.86	59.9	6.43
	20.0	19.0	89.8	8.06	86.4	7.89	81.3	7.65	77.8	7.41	74.2	7.17	69.8	6.78	65.6	6.47	59.9	6.06
	25.0	23.0	89.8	7.58	86.4	7.42	81.3	7.20	77.8	6.97	74.2	6.75	69.8	6.39	65.6	6.09	59.9	5.70
	30.0	28.0	89.8	7.10	86.4	6.96	81.3	6.74	77.8	6.53	74.2	6.32	69.8	5.99	65.6	5.71	59.9	5.34
	35.0	32.0	89.8	6.62	86.4	6.49	81.3	6.29	77.8	6.09	74.2	5.90	69.8	5.59	65.6	5.33	59.9	4.98
	40.0	36.0	89.8	6.14	86.4	6.02	81.3	5.83	77.8	5.66	74.2	5.48	69.8	5.19	65.6	4.95	59.9	4.61
	45.0	41.0	89.8	5.67	86.4	5.56	81.3	5.39	77.8	5.22	74.2	5.06	69.8	4.80	65.6	4.57	59.9	4.26
	47.0	43.0	89.8	5.52	86.4	5.41	81.3	5.24	77.8	5.09	74.2	4.93	69.8	4.68	65.6	4.45	59.9	4.15
	50.0	46.0	89.8	5.32	86.4	5.21	81.3	5.05	77.8	4.90	74.2	4.75	69.8	4.50	65.6	4.28	59.9	3.99
	55.0	51.0	89.8	4.99	86.4	4.89	81.3	4.74	77.8	4.60	74.2	4.46	69.8	4.23	65.6	4.02	59.9	3.75
	60.0	56.0	89.8	4.64	86.4	4.55	81.3	4.41	77.8	4.28	74.2	4.14	69.8	3.93	65.6	3.74	59.9	3.49
80%	-21.6	-22.0	41.4	4.25	41.2	4.52	40.9	4.94	40.7	5.24	40.4	5.53	40.1	6.32	39.9	6.73	39.6	7.28
	-17.1	-17.5	48.0	4.74	47.8	5.02	47.5	5.43	47.2	5.73	46.8	6.03	46.5	6.81	46.2	7.23	45.9	7.78
	-12.6	-13.0	54.7	5.24	54.4	5.51	54.1	5.93	53.8	6.23	53.5	6.52	53.3	7.11	53.3	7.09	53.3	7.07
	-7.0	-7.6	62.6	5.83	62.4	6.11	62.0	6.52	61.7	6.82	61.4	7.12	60.5	7.08	59.3	7.07	57.6	7.05
	-4.0	-4.4	67.4	6.19	67.1	6.46	66.7	6.88	66.3	6.99	65.9	7.10	62.1	7.07	58.7	7.05	54.0	7.03
	0.0	-0.4	73.9	6.77	72.8	6.90	71.3	7.11	68.9	7.10	66.4	7.08	62.3	7.01	58.6	6.90	53.7	6.75
	5.0	4.5	79.1	7.11	76.6	7.10	72.9	7.09	69.7	7.07	66.4	7.06	62.3	6.75	58.6	6.54	53.7	6.27
	10.0	9.0	80.4	7.09	77.4	7.08	72.9	7.07	69.7	6.96	66.4	6.85	62.3	6.41	58.6	6.21	53.7	5.95
	15.0	14.0	80.4	7.09	77.4	7.06	72.9	7.01	69.7	6.75	66.4	6.49	62.3	6.08	58.6	5.89	53.7	5.63
	20.0	19.0	80.4	6.90	77.4	6.78	72.9	6.60	69.7	6.36	66.4	6.11	62.3	5.74	58.6	5.55	53.7	5.30
	25.0	23.0	80.4	6.48	77.4	6.37	72.9	6.19	69.7	5.97	66.4	5.74	62.3	5.40	58.6	5.22	53.7	4.98
	30.0	28.0	80.4	6.07	77.4	5.96	72.9	5.79	69.7	5.58	66.4	5.38	62.3	5.06	58.6	4.89	53.7	4.66
	35.0	32.0	80.4	5.65	77.4	5.55	72.9	5.39	69.7	5.20	66.4	5.01	62.3	4.73	58.6	4.56	53.7	4.34
	40.0	36.0	80.4	5.23	77.4	5.14	72.9	4.99	69.7	4.81	66.4	4.64	62.3	4.39	58.6	4.23	53.7	4.01
	45.0	41.0	80.4	4.82	77.4	4.73	72.9	4.60	69.7	4.44	66.4	4.27	62.3	4.06	58.6	3.91	53.7	3.70
	47.0	43.0	80.4	4.70	77.4	4.61	72.9	4.47	69.7	4.32	66.4	4.16	62.3	3.95	58.6	3.80	53.7	3.60
	50.0	46.0	80.4	4.52	77.4	4.44	72.9	4.31	69.7	4.16	66.4	4.01	62.3	3.81	58.6	3.66	53.7	3.47
	55.0	51.0	80.4	4.25	77.4	4.17	72.9	4.04	69.7	3.90	66.4	3.76	62.3	3.57	58.6	3.44	53.7	3.25
	60.0	56.0	80.4	3.95	77.4	3.87	72.9	3.76	69.7	3.63	66.4	3.50	62.3	3.32	58.6	3.20	53.7	3.03

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).

HEATING CAPACITY DATA



ARUM072CTE5

72,000 Btu/h 575V Outdoor Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
	°F DB	°F WB	59		61		64		67		70		73		76		80	
			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%	-21.6	-22.0	41.1	4.55	40.9	4.68	40.7	4.88	40.4	5.37	40.2	5.87	39.9	6.56	39.7	6.97	39.4	7.52
	-17.1	-17.5	47.7	5.04	47.5	5.18	47.2	5.37	46.9	5.87	46.6	6.36	46.2	6.85	46.0	6.84	45.6	6.82
	-12.6	-13.0	54.3	5.54	54.1	5.67	53.8	5.87	53.5	6.36	53.2	6.86	52.2	6.84	50.5	6.82	48.3	6.81
	-7.0	-7.6	62.0	6.13	62.0	6.27	62.0	6.46	59.1	6.65	56.3	6.84	53.2	6.81	50.2	6.81	46.1	6.79
	-4.0	-4.4	67.5	6.49	65.3	6.62	62.0	6.82	59.1	6.82	56.3	6.82	53.2	6.80	50.2	6.79	46.1	6.79
	0.0	-0.4	68.1	6.86	65.6	6.84	62.0	6.82	59.1	6.81	56.3	6.80	53.2	6.62	50.2	6.51	46.1	6.36
	5.0	4.5	68.1	6.82	65.6	6.80	62.0	6.78	59.1	6.67	56.3	6.57	53.2	6.26	50.2	6.15	46.1	5.99
	10.0	9.0	68.1	6.78	65.6	6.76	62.0	6.73	59.1	6.47	56.3	6.20	53.2	5.91	50.2	5.79	46.1	5.62
	15.0	14.0	68.1	6.87	65.6	6.67	62.0	6.38	59.1	6.12	56.3	5.85	53.2	5.57	50.2	5.43	46.1	5.26
	20.0	19.0	68.1	6.42	65.6	6.24	62.0	5.97	59.1	5.72	56.3	5.47	53.2	5.21	50.2	5.07	46.1	4.88
	25.0	23.0	68.1	5.98	65.6	5.81	62.0	5.57	59.1	5.34	56.3	5.11	53.2	4.86	50.2	4.71	46.1	4.51
	30.0	28.0	68.1	5.54	65.6	5.39	62.0	5.16	59.1	4.95	56.3	4.74	53.2	4.50	50.2	4.35	46.1	4.14
	35.0	32.0	68.1	5.10	65.6	4.96	62.0	4.76	59.1	4.56	56.3	4.37	53.2	4.15	50.2	3.99	46.1	3.77
	40.0	36.0	68.1	4.66	65.6	4.54	62.0	4.35	59.1	4.18	56.3	4.01	53.2	3.80	50.2	3.63	46.1	3.40
	45.0	41.0	68.1	4.23	65.6	4.12	62.0	3.96	59.1	3.80	56.3	3.65	53.2	3.46	50.2	3.28	46.1	3.05
	47.0	43.0	68.1	4.12	65.6	4.01	62.0	3.85	59.1	3.70	56.3	3.55	53.2	3.37	50.2	3.19	46.1	2.97
	50.0	46.0	68.1	3.97	65.6	3.86	62.0	3.71	59.1	3.57	56.3	3.42	53.2	3.24	50.2	3.08	46.1	2.86
	55.0	51.0	68.1	3.72	65.6	3.63	62.0	3.48	59.1	3.35	56.3	3.21	53.2	3.04	50.2	2.89	46.1	2.68
	60.0	56.0	68.1	3.46	65.6	3.37	62.0	3.24	59.1	3.11	56.3	2.99	53.2	2.83	50.2	2.69	46.1	2.49
60%	-21.6	-22.0	38.1	4.19	37.9	4.32	37.7	4.52	37.4	5.02	37.2	5.51	36.9	6.20	36.7	6.61	36.5	7.16
	-17.1	-17.5	44.2	4.69	44.0	4.82	43.7	5.02	43.4	5.51	43.1	6.01	42.7	6.50	42.3	6.48	41.9	6.46
	-12.6	-13.0	50.4	5.18	50.1	5.31	49.6	5.51	48.9	6.01	48.3	6.50	45.5	6.48	43.0	6.46	39.6	6.44
	-7.0	-7.6	58.3	5.78	56.3	5.91	53.3	6.11	50.8	6.29	48.3	6.47	45.5	6.45	43.0	6.44	39.6	6.42
	-4.0	-4.4	58.3	6.13	56.3	6.27	53.3	6.46	50.8	6.46	48.3	6.45	45.5	6.35	43.0	6.16	39.6	5.91
	0.0	-0.4	58.3	6.50	56.3	6.49	53.3	6.48	50.8	6.40	48.3	6.31	45.5	6.09	43.0	5.88	39.6	5.60
	5.0	4.5	58.3	6.48	56.3	6.47	53.3	6.45	50.8	6.21	48.3	5.96	45.5	5.73	43.0	5.53	39.6	5.26
	10.0	9.0	58.3	6.59	56.3	6.44	53.3	6.23	50.8	5.92	48.3	5.60	45.5	5.38	43.0	5.18	39.6	4.91
	15.0	14.0	58.3	6.28	56.3	6.10	53.3	5.83	50.8	5.54	48.3	5.26	45.5	5.04	43.0	4.84	39.6	4.58
	20.0	19.0	58.3	5.86	56.3	5.69	53.3	5.42	50.8	5.16	48.3	4.90	45.5	4.68	43.0	4.48	39.6	4.23
	25.0	23.0	58.3	5.45	56.3	5.28	53.3	5.02	50.8	4.78	48.3	4.54	45.5	4.32	43.0	4.13	39.6	3.88
	30.0	28.0	58.3	5.04	56.3	4.87	53.3	4.62	50.8	4.40	48.3	4.19	45.5	3.97	43.0	3.79	39.6	3.54
	35.0	32.0	58.3	4.62	56.3	4.46	53.3	4.22	50.8	4.02	48.3	3.83	45.5	3.62	43.0	3.44	39.6	3.19
	40.0	36.0	58.3	4.21	56.3	4.05	53.3	3.81	50.8	3.65	48.3	3.48	45.5	3.27	43.0	3.09	39.6	2.85
	45.0	41.0	58.3	3.81	56.3	3.66	53.3	3.42	50.8	3.28	48.3	3.14	45.5	2.93	43.0	2.75	39.6	2.52
	47.0	43.0	58.3	3.71	56.3	3.56	53.3	3.33	50.8	3.19	48.3	3.05	45.5	2.85	43.0	2.68	39.6	2.45
	50.0	46.0	58.3	3.57	56.3	3.43	53.3	3.21	50.8	3.08	48.3	2.94	45.5	2.75	43.0	2.58	39.6	2.36
	55.0	51.0	58.3	3.35	56.3	3.22	53.3	3.01	50.8	2.89	48.3	2.76	45.5	2.58	43.0	2.42	39.6	2.22
	60.0	56.0	58.3	3.12	56.3	2.99	53.3	2.80	50.8	2.69	48.3	2.57	45.5	2.40	43.0	2.25	39.6	2.06
50%	-21.6	-22.0	35.2	3.60	35.1	3.73	34.9	3.93	34.7	4.42	34.4	4.92	34.0	5.61	33.4	6.02	32.6	6.57
	-17.1	-17.5	40.9	4.09	40.7	4.22	40.5	4.42	39.7	4.92	38.9	5.41	37.4	5.90	35.9	5.87	33.9	5.84
	-12.6	-13.0	48.8	4.59	47.0	4.72	44.3	4.92	42.3	5.41	40.3	5.91	37.9	5.87	35.7	5.85	32.8	5.81
	-7.0	-7.6	48.8	5.18	47.0	5.31	44.3	5.51	42.3	5.69	40.3	5.87	37.9	5.72	35.7	5.44	32.8	5.07
	-4.0	-4.4	48.8	5.54	47.0	5.67	44.3	5.87	42.3	5.86	40.3	5.85	37.9	5.51	35.7	5.24	32.8	4.88
	0.0	-0.4	48.8	5.91	47.0	5.90	44.3	5.87	42.3	5.74	40.3	5.60	37.9	5.26	35.7	5.00	32.8	4.65
	5.0	4.5	48.8	6.02	47.0	5.87	44.3	5.63	42.3	5.45	40.3	5.26	37.9	4.94	35.7	4.69	32.8	4.36
	10.0	9.0	48.8	5.90	47.0	5.65	44.3	5.27	42.3	5.09	40.3	4.92	37.9	4.62	35.7	4.38	32.8	4.07
	15.0	14.0	48.8	5.50	47.0	5.27	44.3	4.92	42.3	4.75	40.3	4.58	37.9	4.30	35.7	4.08	32.8	3.79
	20.0	19.0	48.8	5.09	47.0	4.87	44.3	4.55	42.3	4.39	40.3	4.23	37.9	3.97	35.7	3.77	32.8	3.50
	25.0	23.0	48.8	4.68	47.0	4.48	44.3	4.19	42.3	4.04	40.3	3.89	37.9	3.65	35.7	3.46	32.8	3.21
	30.0	28.0	48.8	4.27	47.0	4.10	44.3	3.83	42.3	3.69	40.3	3.54	37.9	3.33	35.7	3.16	32.8	2.92
	35.0	32.0	48.8	3.87	47.0	3.71	44.3	3.47	42.3	3.33	40.3	3.20	37.9	3.01	35.7	2.85	32.8	2.63
	40.0	36.0	48.8	3.46	47.0	3.32	44.3	3.11	42.3	2.98	40.3	2.86	37.9	2.69	35.7	2.54	32.8	2.34
	45.0	41.0	48.8	3.07	47.0	2.95	44.3	2.76	42.3	2.64	40.3	2.53	37.9	2.38	35.7	2.25	32.8	2.07
	47.0	43.0	48.8	2.99	47.0	2.87	44.3	2.69	42.3	2.57	40.3	2.46	37.9	2.32	35.7	2.19	32.8	2.01
	50.0	46.0	48.8	2.88	47.0	2.77	44.3	2.59	42.3	2.48	40.3	2.37	37.9	2.24	35.7	2.11	32.8	1.94
	55.0	51.0	48.8	2.71	47.0	2.60	44.3	2.43	42.3	2.33	40.3	2.22	37.9	2.10	35.7	1.98	32.8	1.82
	60.0	56.0	48.8	2.52	47.0	2.41	44.3	2.26	42.3	2.16	40.3	2.07	37.9	1.95	35.7	1.84	32.8	1.69

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 70°F dry bulb (DB) and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
	°F DB	°F WB	59		61		64		67		70		73		76		80	
			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%	-21.6	-22.0	56.5	3.20	56.3	3.64	55.9	4.31	55.6	4.93	55.3	5.56	54.8	6.36	54.5	6.82	54.2	7.42
	-17.1	-17.5	65.6	3.86	65.3	4.29	64.9	4.94	64.5	5.54	64.0	6.15	63.5	6.88	63.2	7.29	62.8	7.83
	-12.6	-13.0	77.5	4.52	76.6	4.94	75.4	5.57	74.5	6.16	73.7	6.74	73.1	7.41	72.7	7.76	72.2	8.24
	-7.0	-7.6	88.3	5.31	87.3	5.72	85.9	6.33	84.9	6.89	84.0	7.45	83.3	8.03	82.9	8.33	82.3	8.72
	-4.0	-4.4	94.8	5.78	93.7	6.18	92.2	6.79	91.2	7.33	90.1	7.87	89.4	8.41	89.0	8.67	88.4	9.02
	0.0	-0.4	102.8	6.36	101.7	6.76	100.0	7.35	98.9	7.87	97.8	8.40	97.0	8.88	96.5	9.09	95.8	9.38
	5.0	4.5	112.8	7.09	111.6	7.48	109.7	8.05	108.5	8.55	107.3	9.05	106.4	9.46	105.9	9.62	105.2	9.83
	10.0	9.0	122.8	7.82	121.5	8.20	119.5	8.76	118.1	9.23	116.8	9.71	115.9	10.04	115.3	10.14	114.5	10.28
	15.0	14.0	132.6	8.54	131.2	8.90	129.0	9.45	127.6	9.90	126.1	10.35	125.1	10.58	124.5	10.56	123.6	10.53
	20.0	19.0	142.0	9.28	140.8	9.64	138.9	10.16	137.3	10.35	135.6	10.53	134.4	10.32	134.0	10.11	134.1	9.82
	25.0	23.0	144.0	10.22	144.2	10.36	144.5	10.56	142.3	10.42	140.2	10.28	131.7	9.84	123.9	9.62	113.5	9.34
	30.0	28.0	144.2	10.59	144.2	10.55	144.2	10.51	142.2	10.14	140.2	9.77	131.7	9.35	123.9	9.14	113.5	8.86
	35.0	32.0	144.2	10.80	144.2	10.51	144.2	10.08	142.2	9.66	140.2	9.25	131.7	8.86	123.9	8.65	113.5	8.38
	40.0	36.0	144.2	10.35	144.2	9.97	144.2	9.39	142.2	9.07	140.2	8.74	131.7	8.37	123.9	8.17	113.5	7.90
	45.0	41.0	144.2	9.21	144.2	9.01	144.2	8.72	142.2	8.47	140.2	8.22	131.7	7.88	123.9	7.68	113.5	7.42
	47.0	43.0	144.2	8.96	144.2	8.77	144.2	8.49	142.2	8.25	140.2	8.00	131.7	7.67	123.9	7.48	113.5	7.22
	50.0	46.0	144.2	8.63	144.2	8.45	144.2	8.18	142.2	7.94	140.2	7.71	131.7	7.39	123.9	7.20	113.5	6.95
	55.0	51.0	144.2	8.10	144.2	7.93	144.2	7.67	142.2	7.45	140.2	7.23	131.7	6.94	123.9	6.76	113.5	6.53
	60.0	56.0	144.2	7.53	144.2	7.37	144.2	7.14	142.2	6.93	140.2	6.73	131.7	6.45	123.9	6.29	113.5	6.07
120%	-21.6	-22.0	56.1	3.95	55.9	4.28	55.5	4.77	55.2	5.20	54.9	5.64	54.4	5.91	54.2	5.98	53.8	6.06
	-17.1	-17.5	65.2	4.57	64.9	4.90	64.5	5.39	64.0	5.82	63.6	6.26	63.1	6.53	62.7	6.60	62.3	6.68
	-12.6	-13.0	75.5	5.18	75.0	5.51	74.3	6.01	73.7	6.44	73.2	6.88	72.6	7.15	72.2	7.22	71.7	7.30
	-7.0	-7.6	87.1	5.93	86.3	6.26	85.1	6.75	84.2	7.19	83.4	7.62	82.7	7.90	82.3	7.96	81.7	8.04
	-4.0	-4.4	93.5	6.37	92.7	6.70	91.3	7.20	90.4	7.63	89.5	8.07	88.8	8.34	88.3	8.40	87.7	8.49
	0.0	-0.4	101.5	6.92	100.5	7.25	99.1	7.75	98.1	8.18	97.1	8.62	96.3	8.89	95.8	8.95	95.1	9.04
	5.0	4.5	111.3	7.61	110.3	7.94	108.7	8.44	107.6	8.87	106.5	9.30	105.7	9.58	105.1	9.64	104.4	9.72
	10.0	9.0	121.2	8.30	120.1	8.63	118.4	9.12	117.2	9.56	116.0	9.99	115.0	10.27	114.5	10.33	113.7	10.41
	15.0	14.0	130.9	8.97	129.7	9.30	127.8	9.80	126.5	10.23	125.3	10.67	122.1	10.89	116.9	10.84	110.0	10.78
	20.0	19.0	140.5	9.68	139.2	10.01	137.3	10.50	134.4	10.53	131.4	10.57	123.8	10.37	116.3	10.31	106.2	10.23
	25.0	23.0	144.0	10.71	143.0	10.69	141.5	10.67	136.5	10.36	131.4	10.04	123.8	9.86	116.3	9.79	106.2	9.70
	30.0	28.0	144.0	10.73	143.0	10.47	141.5	10.07	136.5	9.80	131.4	9.52	123.8	9.35	116.3	9.27	106.2	9.16
	35.0	32.0	144.0	10.03	143.0	9.81	141.5	9.47	136.5	9.23	131.4	9.00	123.8	8.84	116.3	8.75	106.2	8.62
	40.0	36.0	144.0	9.34	143.0	9.15	141.5	8.87	136.5	8.67	131.4	8.47	123.8	8.33	116.3	8.22	106.2	8.08
	45.0	41.0	144.0	8.65	143.0	8.50	141.5	8.27	136.5	8.11	131.4	7.95	123.8	7.82	116.3	7.70	106.2	7.55
	47.0	43.0	144.0	8.42	143.0	8.27	141.5	8.05	136.5	7.89	131.4	7.74	123.8	7.61	116.3	7.50	106.2	7.35
	50.0	46.0	144.0	8.11	143.0	7.97	141.5	7.75	136.5	7.60	131.4	7.45	123.8	7.33	116.3	7.22	106.2	7.08
	55.0	51.0	144.0	7.61	143.0	7.48	141.5	7.28	136.5	7.14	131.4	7.00	123.8	6.88	116.3	6.78	106.2	6.64
	60.0	56.0	144.0	7.08	143.0	6.95	141.5	6.77	136.5	6.64	131.4	6.51	123.8	6.40	116.3	6.30	106.2	6.18
110%	-21.6	-22.0	55.8	5.02	55.6	5.27	55.2	5.64	54.9	6.05	54.6	6.46	54.1	7.22	53.9	7.83	53.5	8.66
	-17.1	-17.5	64.8	5.64	64.5	5.89	64.1	6.26	63.7	6.67	63.2	7.07	62.7	7.83	62.4	8.45	62.0	9.28
	-12.6	-13.0	74.0	6.26	73.8	6.51	73.5	6.88	73.1	7.29	72.8	7.69	72.2	8.45	71.8	9.07	71.3	9.90
	-7.0	-7.6	84.9	7.00	84.5	7.25	83.9	7.62	83.4	8.03	82.9	8.44	82.3	9.20	81.8	9.82	81.3	10.64
	-4.0	-4.4	91.5	7.45	91.0	7.69	90.1	8.07	89.6	8.47	89.0	8.88	88.3	9.64	87.9	10.26	87.3	11.09
	0.0	-0.4	99.7	8.00	98.9	8.24	97.8	8.62	97.2	9.02	96.5	9.43	95.8	10.19	95.3	10.81	94.6	11.64
	5.0	4.5	109.8	8.68	108.9	8.93	107.5	9.30	106.7	9.71	106.0	10.12	104.5	10.66	102.8	10.80	100.4	11.00
	10.0	9.0	120.0	9.37	118.8	9.62	117.1	9.99	116.2	10.40	115.4	10.81	110.5	10.67	105.0	10.47	97.7	10.20
	15.0	14.0	129.9	10.05	128.6	10.29	126.5	10.67	122.3	10.64	118.0	10.62	111.1	10.33	104.8	10.00	96.4	9.57
	20.0	19.0	142.6	11.00	137.5	10.88	130.0	10.69	124.0	10.42	118.0	10.14	111.1	9.83	104.8	9.53	96.4	9.12
	25.0	23.0	142.6	10.81	137.5	10.58	130.0	10.23	124.0	9.93	118.0	9.63	111.1	9.34	104.8	9.06	96.4	8.68
	30.0	28.0	142.6	10.26	137.5	10.00	130.0	9.61	124.0	9.36	118.0	9.11	111.1	8.85	104.8	8.59	96.4	8.24
	35.0	32.0	142.6	9.47	137.5	9.28	130.0	8.98	124.0	8.79	118.0	8.59	111.1	8.35	104.8	8.12	96.4	7.80
	40.0	36.0	142.6	8.69	137.5	8.56	130.0	8.35	124.0	8.21	118.0	8.07	111.1	7.86	104.8	7.65	96.4	7.36
	45.0	41.0	142.6	7.93	137.5	7.85	130.0	7.74	124.0	7.65	118.0	7.56	111.1	7.37	104.8	7.18	96.4	6.92
	47.0	43.0	142.6	7.72	137.5	7.65	130.0	7.53	124.0	7.44	118.0	7.36	111.1	7.17	104.8	6.99	96.4	6.74
	50.0	46.0	142.6	7.44	137.5	7.36	130.0	7.25	124.0	7.17	118.0	7.08	111.1	6.91	104.8	6.73	96.4	6.49
	55.0	51.0	142.6	6.98	137.5	6.91	130.0	6.81	124.0	6.73	118.0	6.65	111.1	6.49	104.8	6.32	96.4	6.09
	60.0	56.0	142.6	6.49	137.5	6.43	130.0	6.33	124.0	6.26	118.0	6.18	111.1	6.03	104.8	5.87	96.4	5.66

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).

HEATING CAPACITY DATA



ARUM096CTE5

96,000 Btu/h 575V Outdoor Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
	°F DB	°F WB	59		61		64		67		70		73		76		80	
			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%	-21.6	-22.0	55.6	4.08	55.4	4.67	55.0	5.55	54.7	6.15	54.4	6.75	53.9	7.58	53.6	8.10	53.3	8.79
	-17.1	-17.5	64.5	4.91	64.3	5.40	63.9	6.13	63.4	6.74	63.0	7.34	62.5	8.19	62.2	8.69	61.7	9.35
	-12.6	-13.0	73.5	5.70	73.2	6.13	72.7	6.76	72.6	7.35	72.5	7.94	71.9	8.80	71.5	9.28	71.0	9.92
	-7.0	-7.6	84.2	6.65	83.9	7.00	83.3	7.53	83.0	8.09	82.6	8.65	81.9	9.54	81.5	9.99	80.9	10.60
	-4.0	-4.4	90.6	7.22	90.3	7.53	89.7	7.99	89.2	8.54	88.7	9.08	87.9	9.98	87.5	10.42	86.9	11.01
	0.0	-0.4	98.3	7.92	97.9	8.17	97.3	8.55	96.7	9.08	96.2	9.61	95.1	10.42	94.1	10.62	92.8	10.89
	5.0	4.5	107.9	8.80	107.5	8.98	106.8	9.26	105.6	9.77	104.4	10.28	100.3	10.54	96.2	10.50	90.8	10.46
	10.0	9.0	116.2	9.68	114.8	9.79	112.8	9.97	110.4	10.26	108.0	10.55	101.7	10.38	95.7	10.13	87.8	9.79
	15.0	14.0	125.5	10.60	122.8	10.59	118.7	10.56	113.4	10.49	108.0	10.42	101.7	9.88	95.7	9.58	87.8	9.18
	20.0	19.0	130.6	10.65	125.9	10.54	118.7	10.37	113.4	10.10	108.0	9.83	101.7	9.31	95.7	9.02	87.8	8.64
	25.0	23.0	130.6	10.66	125.9	10.22	118.7	9.57	113.4	9.41	108.0	9.25	101.7	8.75	95.7	8.48	87.8	8.12
	30.0	28.0	130.6	9.93	125.9	9.56	118.7	9.02	113.4	8.84	108.0	8.66	101.7	8.19	95.7	7.94	87.8	7.60
	35.0	32.0	130.6	9.20	125.9	8.91	118.7	8.46	113.4	8.27	108.0	8.08	101.7	7.63	95.7	7.39	87.8	7.07
	40.0	36.0	130.6	8.47	125.9	8.25	118.7	7.91	113.4	7.70	108.0	7.50	101.7	7.07	95.7	6.85	87.8	6.55
	45.0	41.0	130.6	7.76	125.9	7.60	118.7	7.37	113.4	7.14	108.0	6.92	101.7	6.53	95.7	6.31	87.8	6.03
	47.0	43.0	130.6	7.56	125.9	7.40	118.7	7.17	113.4	6.95	108.0	6.74	101.7	6.35	95.7	6.15	87.8	5.87
	50.0	46.0	130.6	7.28	125.9	7.13	118.7	6.91	113.4	6.70	108.0	6.49	101.7	6.12	95.7	5.92	87.8	5.66
	55.0	51.0	130.6	6.83	125.9	6.69	118.7	6.48	113.4	6.29	108.0	6.09	101.7	5.74	95.7	5.56	87.8	5.31
	60.0	56.0	130.6	6.35	125.9	6.22	118.7	6.03	113.4	5.85	108.0	5.67	101.7	5.34	95.7	5.17	87.8	4.94
90%	-21.6	-22.0	55.4	5.26	55.1	5.58	54.8	6.05	54.5	6.68	54.1	7.31	53.7	7.75	53.4	8.17	53.1	8.72
	-17.1	-17.5	64.3	5.88	64.0	6.20	63.6	6.67	63.2	7.30	62.7	7.93	62.2	8.37	61.9	8.78	61.5	9.33
	-12.6	-13.0	73.2	6.50	72.9	6.82	72.4	7.29	72.3	7.92	72.2	8.55	71.6	8.99	71.2	9.40	70.7	9.95
	-7.0	-7.6	83.9	7.25	83.5	7.56	83.0	8.03	82.6	8.66	82.3	9.29	81.6	9.73	81.2	10.15	80.6	10.70
	-4.0	-4.4	90.3	7.69	89.9	8.01	89.3	8.48	88.8	9.11	88.3	9.74	87.6	9.99	87.1	10.01	86.5	10.02
	0.0	-0.4	97.9	8.24	97.5	8.56	96.9	9.03	96.2	9.52	95.5	10.02	91.9	9.99	87.9	9.95	82.5	9.90
	5.0	4.5	108.4	8.93	107.0	9.24	105.0	9.71	102.0	9.85	98.9	9.98	93.1	9.84	87.4	9.58	79.9	9.22
	10.0	9.0	118.4	9.88	114.4	9.93	108.4	10.01	103.7	9.98	98.9	9.95	93.1	9.47	87.4	9.05	79.9	8.48
	15.0	14.0	119.8	10.01	115.2	9.99	108.4	9.96	103.7	9.73	98.9	9.50	93.1	8.99	87.4	8.58	79.9	8.04
	20.0	19.0	119.8	10.07	115.2	9.87	108.4	9.57	103.7	9.27	98.9	8.96	93.1	8.48	87.4	8.09	79.9	7.58
	25.0	23.0	119.8	9.48	115.2	9.28	108.4	9.00	103.7	8.72	98.9	8.44	93.1	7.98	87.4	7.62	79.9	7.13
	30.0	28.0	119.8	8.88	115.2	8.70	108.4	8.43	103.7	8.17	98.9	7.91	93.1	7.49	87.4	7.14	79.9	6.67
	35.0	32.0	119.8	8.28	115.2	8.11	108.4	7.86	103.7	7.62	98.9	7.38	93.1	6.99	87.4	6.66	79.9	6.22
	40.0	36.0	119.8	7.68	115.2	7.53	108.4	7.29	103.7	7.07	98.9	6.85	93.1	6.49	87.4	6.18	79.9	5.77
	45.0	41.0	119.8	7.09	115.2	6.95	108.4	6.74	103.7	6.53	98.9	6.33	93.1	6.01	87.4	5.71	79.9	5.33
	47.0	43.0	119.8	6.90	115.2	6.76	108.4	6.56	103.7	6.36	98.9	6.16	93.1	5.85	87.4	5.56	79.9	5.18
	50.0	46.0	119.8	6.65	115.2	6.52	108.4	6.31	103.7	6.12	98.9	5.94	93.1	5.63	87.4	5.36	79.9	4.99
	55.0	51.0	119.8	6.24	115.2	6.12	108.4	5.93	103.7	5.75	98.9	5.57	93.1	5.29	87.4	5.03	79.9	4.69
	60.0	56.0	119.8	5.80	115.2	5.69	108.4	5.51	103.7	5.35	98.9	5.18	93.1	4.92	87.4	4.68	79.9	4.36
80%	-21.6	-22.0	55.1	5.31	54.9	5.66	54.6	6.18	54.2	6.55	53.9	6.92	53.5	7.90	53.2	8.42	52.8	9.11
	-17.1	-17.5	64.0	5.93	63.7	6.27	63.3	6.79	62.9	7.17	62.5	7.54	62.0	8.52	61.6	9.04	61.2	9.72
	-12.6	-13.0	72.9	6.55	72.6	6.89	72.1	7.41	71.8	7.78	71.4	8.16	71.0	8.89	71.0	8.87	71.0	8.84
	-7.0	-7.6	83.5	7.29	83.2	7.64	82.7	8.16	82.3	8.53	81.9	8.90	80.7	8.86	79.0	8.84	76.8	8.81
	-4.0	-4.4	89.9	7.74	89.5	8.08	89.0	8.60	88.4	8.74	87.9	8.88	82.8	8.84	78.2	8.82	72.1	8.80
	0.0	-0.4	98.5	8.46	97.1	8.63	95.1	8.89	91.8	8.87	88.6	8.86	83.1	8.76	78.1	8.63	71.5	8.44
	5.0	4.5	105.4	8.89	102.2	8.88	97.3	8.86	92.9	8.85	88.6	8.83	83.1	8.44	78.1	8.18	71.5	7.84
	10.0	9.0	107.1	8.86	103.2	8.85	97.3	8.84	92.9	8.70	88.6	8.57	83.1	8.02	78.1	7.77	71.5	7.43
	15.0	14.0	107.1	8.87	103.2	8.83	97.3	8.76	92.9	8.44	88.6	8.12	83.1	7.60	78.1	7.36	71.5	7.04
	20.0	19.0	107.1	8.63	103.2	8.48	97.3	8.25	92.9	7.95	88.6	7.65	83.1	7.17	78.1	6.94	71.5	6.63
	25.0	23.0	107.1	8.11	103.2	7.96	97.3	7.75	92.9	7.46	88.6	7.18	83.1	6.75	78.1	6.53	71.5	6.23
	30.0	28.0	107.1	7.59	103.2	7.45	97.3	7.24	92.9	6.98	88.6	6.72	83.1	6.33	78.1	6.12	71.5	5.82
	35.0	32.0	107.1	7.07	103.2	6.94	97.3	6.74	92.9	6.50	88.6	6.26	83.1	5.91	78.1	5.70	71.5	5.42
	40.0	36.0	107.1	6.54	103.2	6.42	97.3	6.24	92.9	6.02	88.6	5.80	83.1	5.49	78.1	5.29	71.5	5.02
	45.0	41.0	107.1	6.03	103.2	5.92	97.3	5.75	92.9	5.55	88.6	5.35	83.1	5.08	78.1	4.88	71.5	4.62
	47.0	43.0	107.1	5.87	103.2	5.76	97.3	5.59	92.9	5.40	88.6	5.20	83.1	4.94	78.1	4.75	71.5	4.50
	50.0	46.0	107.1	5.66	103.2	5.55	97.3	5.39	92.9	5.20	88.6	5.01	83.1	4.76	78.1	4.58	71.5	4.34
	55.0	51.0	107.1	5.31	103.2	5.21	97.3	5.06	92.9	4.88	88.6	4.70	83.1	4.47	78.1	4.30	71.5	4.07
	60.0	56.0	107.1	4.94	103.2	4.84	97.3	4.70	92.9	4.54	88.6	4.37	83.1	4.16	78.1	4.00	71.5	3.78

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 70°F dry bulb (DB) and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

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%	-21.6	-22.0	54.8	5.69	54.6	5.85	54.2	6.10	53.9	6.72	53.6	7.34	53.2	8.20	52.9	8.72	52.5	9.40
	-17.1	-17.5	63.6	6.31	63.4	6.47	63.0	6.72	62.5	7.34	62.1	7.96	61.6	8.57	61.3	8.55	60.9	8.53
	-12.6	-13.0	72.4	6.93	72.1	7.09	71.7	7.34	71.3	7.96	71.0	8.58	69.6	8.55	67.4	8.53	64.4	8.52
	-7.0	-7.6	82.7	7.67	82.7	7.84	82.6	8.08	78.8	8.32	75.1	8.55	71.0	8.52	66.9	8.51	61.5	8.50
	-4.0	-4.4	90.0	8.12	87.0	8.28	82.6	8.53	78.8	8.53	75.1	8.53	71.0	8.50	66.9	8.50	61.5	8.49
	0.0	-0.4	90.8	8.57	87.5	8.56	82.6	8.53	78.8	8.52	75.1	8.51	71.0	8.27	66.9	8.13	61.5	7.95
	5.0	4.5	90.8	8.53	87.5	8.50	82.6	8.47	78.8	8.34	75.1	8.22	71.0	7.83	66.9	7.69	61.5	7.49
	10.0	9.0	90.8	8.48	87.5	8.45	82.6	8.41	78.8	8.09	75.1	7.76	71.0	7.39	66.9	7.24	61.5	7.03
	15.0	14.0	90.8	8.59	87.5	8.35	82.6	7.98	78.8	7.65	75.1	7.31	71.0	6.96	66.9	6.80	61.5	6.57
	20.0	19.0	90.8	8.03	87.5	7.80	82.6	7.47	78.8	7.15	75.1	6.84	71.0	6.51	66.9	6.34	61.5	6.10
	25.0	23.0	90.8	7.48	87.5	7.27	82.6	6.96	78.8	6.67	75.1	6.38	71.0	6.07	66.9	5.89	61.5	5.64
	30.0	28.0	90.8	6.93	87.5	6.74	82.6	6.45	78.8	6.19	75.1	5.93	71.0	5.63	66.9	5.44	61.5	5.18
	35.0	32.0	90.8	6.38	87.5	6.20	82.6	5.95	78.8	5.71	75.1	5.47	71.0	5.19	66.9	4.99	61.5	4.72
	40.0	36.0	90.8	5.83	87.5	5.67	82.6	5.44	78.8	5.22	75.1	5.01	71.0	4.75	66.9	4.54	61.5	4.25
	45.0	41.0	90.8	5.29	87.5	5.15	82.6	4.95	78.8	4.76	75.1	4.56	71.0	4.32	66.9	4.10	61.5	3.81
	47.0	43.0	90.8	5.15	87.5	5.02	82.6	4.82	78.8	4.63	75.1	4.44	71.0	4.21	66.9	3.99	61.5	3.71
	50.0	46.0	90.8	4.96	87.5	4.83	82.6	4.64	78.8	4.46	75.1	4.28	71.0	4.05	66.9	3.85	61.5	3.57
	55.0	51.0	90.8	4.66	87.5	4.54	82.6	4.35	78.8	4.19	75.1	4.02	71.0	3.81	66.9	3.61	61.5	3.35
	60.0	56.0	90.8	4.33	87.5	4.22	82.6	4.05	78.8	3.89	75.1	3.74	71.0	3.54	66.9	3.36	61.5	3.12
60%	-21.6	-22.0	50.7	5.24	50.5	5.41	50.2	5.66	49.9	6.27	49.6	6.89	49.2	7.75	49.0	8.27	48.6	8.96
	-17.1	-17.5	58.9	5.86	58.7	6.03	58.3	6.27	57.9	6.89	57.5	7.51	56.9	8.12	56.5	8.10	55.8	8.08
	-12.6	-13.0	67.2	6.48	66.8	6.65	66.1	6.89	65.3	7.51	64.4	8.13	60.6	8.10	57.3	8.08	52.9	8.05
	-7.0	-7.6	77.7	7.22	75.1	7.39	71.1	7.64	67.7	7.86	64.4	8.09	60.6	8.07	57.3	8.05	52.9	8.03
	-4.0	-4.4	77.7	7.67	75.1	7.83	71.1	8.08	67.7	8.08	64.4	8.07	60.6	7.95	57.3	7.71	52.9	7.39
	0.0	-0.4	77.7	8.13	75.1	8.12	71.1	8.11	67.7	8.00	64.4	7.89	60.6	7.61	57.3	7.35	52.9	7.01
	5.0	4.5	77.7	8.10	75.1	8.09	71.1	8.07	67.7	7.76	64.4	7.45	60.6	7.17	57.3	6.92	52.9	6.58
	10.0	9.0	77.7	8.24	75.1	8.06	71.1	7.79	67.7	7.40	64.4	7.01	60.6	6.73	57.3	6.48	52.9	6.14
	15.0	14.0	77.7	7.86	75.1	7.63	71.1	7.29	67.7	6.93	64.4	6.57	60.6	6.30	57.3	6.05	52.9	5.72
	20.0	19.0	77.7	7.33	75.1	7.11	71.1	6.78	67.7	6.45	64.4	6.12	60.6	5.85	57.3	5.61	52.9	5.28
	25.0	23.0	77.7	6.81	75.1	6.60	71.1	6.28	67.7	5.98	64.4	5.68	60.6	5.41	57.3	5.17	52.9	4.85
	30.0	28.0	77.7	6.30	75.1	6.09	71.1	5.77	67.7	5.51	64.4	5.24	60.6	4.97	57.3	4.73	52.9	4.42
	35.0	32.0	77.7	5.78	75.1	5.58	71.1	5.27	67.7	5.03	64.4	4.79	60.6	4.53	57.3	4.30	52.9	3.99
	40.0	36.0	77.7	5.27	75.1	5.07	71.1	4.77	67.7	4.56	64.4	4.35	60.6	4.09	57.3	3.86	52.9	3.56
	45.0	41.0	77.7	4.76	75.1	4.57	71.1	4.28	67.7	4.10	64.4	3.92	60.6	3.66	57.3	3.44	52.9	3.15
	47.0	43.0	77.7	4.64	75.1	4.45	71.1	4.17	67.7	3.99	64.4	3.82	60.6	3.56	57.3	3.35	52.9	3.06
	50.0	46.0	77.7	4.47	75.1	4.29	71.1	4.01	67.7	3.85	64.4	3.68	60.6	3.43	57.3	3.23	52.9	2.95
	55.0	51.0	77.7	4.19	75.1	4.02	71.1	3.77	67.7	3.61	64.4	3.45	60.6	3.22	57.3	3.03	52.9	2.77
	60.0	56.0	77.7	3.90	75.1	3.74	71.1	3.50	67.7	3.36	64.4	3.21	60.6	3.00	57.3	2.82	52.9	2.58
50%	-21.6	-22.0	47.0	4.50	46.8	4.66	46.5	4.91	46.2	5.53	45.9	6.15	45.3	7.01	44.5	7.53	43.5	8.21
	-17.1	-17.5	54.5	5.12	54.3	5.28	54.0	5.53	52.9	6.15	51.8	6.77	49.9	7.37	47.9	7.34	45.3	7.31
	-12.6	-13.0	65.0	5.74	62.6	5.90	59.1	6.15	56.4	6.77	53.8	7.39	50.6	7.34	47.6	7.31	43.7	7.27
	-7.0	-7.6	65.0	6.48	62.6	6.64	59.1	6.89	56.4	7.12	53.8	7.35	50.6	7.15	47.6	6.80	43.7	6.34
	-4.0	-4.4	65.0	6.93	62.6	7.09	59.1	7.34	56.4	7.33	53.8	7.32	50.6	6.89	47.6	6.56	43.7	6.10
	0.0	-0.4	65.0	7.39	62.6	7.37	59.1	7.34	56.4	7.17	53.8	7.01	50.6	6.57	47.6	6.25	43.7	5.82
	5.0	4.5	65.0	7.53	62.6	7.34	59.1	7.04	56.4	6.81	53.8	6.58	50.6	6.17	47.6	5.87	43.7	5.46
	10.0	9.0	65.0	7.37	62.6	7.06	59.1	6.59	56.4	6.37	53.8	6.15	50.6	5.77	47.6	5.48	43.7	5.09
	15.0	14.0	65.0	6.88	62.6	6.59	59.1	6.15	56.4	5.94	53.8	5.73	50.6	5.38	47.6	5.11	43.7	4.74
	20.0	19.0	65.0	6.36	62.6	6.09	59.1	5.69	56.4	5.49	53.8	5.29	50.6	4.97	47.6	4.71	43.7	4.37
	25.0	23.0	65.0	5.85	62.6	5.61	59.1	5.24	56.4	5.05	53.8	4.86	50.6	4.57	47.6	4.33	43.7	4.01
	30.0	28.0	65.0	5.34	62.6	5.12	59.1	4.79	56.4	4.61	53.8	4.43	50.6	4.17	47.6	3.95	43.7	3.65
	35.0	32.0	65.0	4.84	62.6	4.64	59.1	4.34	56.4	4.17	53.8	4.00	50.6	3.77	47.6	3.56	43.7	3.29
	40.0	36.0	65.0	4.33	62.6	4.15	59.1	3.89	56.4	3.73	53.8	3.57	50.6	3.37	47.6	3.18	43.7	2.93
	45.0	41.0	65.0	3.84	62.6	3.69	59.1	3.45	56.4	3.31	53.8	3.16	50.6	2.98	47.6	2.81	43.7	2.58
	47.0	43.0	65.0	3.74	62.6	3.59	59.1	3.36	56.4	3.22	53.8	3.08	50.6	2.90	47.6	2.74	43.7	2.51
	50.0	46.0	65.0	3.60	62.6	3.46	59.1	3.24	56.4	3.10	53.8	2.96	50.6	2.80	47.6	2.64	43.7	2.42
	55.0	51.0	65.0	3.38	62.6	3.25	59.1	3.04	56.4	2.91	53.8	2.78	50.6	2.62	47.6	2.47	43.7	2.27
	60.0	56.0	65.0	3.15	62.6	3.02	59.1	2.83	56.4	2.71	53.8	2.59	50.6	2.44	47.6	2.30	43.7	2.11

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 70°F dry bulb (DB) and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

HEATING CAPACITY DATA



ARUM121CTE5

120,000 Btu/h 575V Outdoor Units

MULTI V 5 Outdoor Unit Performance Data Manual

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
	°F DB	°F WB	59		61		64		67		70		73		76		80	
			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%	-21.6	-22.0	70.7	4.37	70.4	4.97	69.9	5.88	69.5	6.73	69.1	7.59	68.5	8.68	68.2	9.30	67.7	10.13
	-17.1	-17.5	82.0	5.27	81.7	5.86	81.2	6.74	80.6	7.57	80.0	8.39	79.4	9.40	79.0	9.95	78.5	10.69
	-12.6	-13.0	96.8	6.17	95.8	6.74	94.2	7.61	93.2	8.40	92.1	9.20	91.4	10.11	90.9	10.60	90.3	11.24
	-7.0	-7.6	110.4	7.24	109.2	7.80	107.4	8.64	106.2	9.40	105.0	10.16	104.1	10.97	103.6	11.37	102.9	11.91
	-4.0	-4.4	118.5	7.89	117.2	8.44	115.2	9.27	114.0	10.00	112.7	10.74	111.8	11.48	111.2	11.84	110.4	12.31
	0.0	-0.4	128.5	8.69	127.1	9.22	125.0	10.03	123.6	10.75	122.2	11.46	121.2	12.12	120.6	12.41	119.8	12.80
	5.0	4.5	141.0	9.68	139.5	10.21	137.2	10.99	135.6	11.67	134.1	12.36	133.0	12.91	132.3	13.13	131.4	13.42
	10.0	9.0	153.5	10.68	151.8	11.19	149.3	11.95	147.7	12.60	146.0	13.25	144.8	13.70	144.1	13.84	143.1	14.03
	15.0	14.0	165.8	11.66	164.0	12.15	161.3	12.89	159.5	13.51	157.7	14.13	156.4	14.44	155.6	14.41	154.5	14.38
	20.0	19.0	177.5	12.67	176.0	13.15	173.7	13.87	171.6	14.13	169.5	14.38	164.2	14.09	155.0	13.80	142.7	13.40
	25.0	23.0	180.0	13.95	180.3	14.14	180.6	14.42	177.9	14.23	175.2	14.03	164.6	13.43	154.8	13.14	141.9	12.74
	30.0	28.0	180.3	14.45	180.3	14.41	180.3	14.34	177.7	13.84	175.2	13.33	164.6	12.76	154.8	12.47	141.9	12.09
	35.0	32.0	180.3	14.74	180.3	14.34	180.3	13.75	177.7	13.19	175.2	12.63	164.6	12.10	154.8	11.81	141.9	11.44
	40.0	36.0	180.3	14.13	180.3	13.61	180.3	12.82	177.7	12.37	175.2	11.93	164.6	11.43	154.8	11.15	141.9	10.78
	45.0	41.0	180.3	12.56	180.3	12.30	180.3	11.90	177.7	11.56	175.2	11.22	164.6	10.76	154.8	10.49	141.9	10.13
	47.0	43.0	180.3	12.23	180.3	11.97	180.3	11.59	177.7	11.26	175.2	10.92	164.6	10.48	154.8	10.21	141.9	9.86
	50.0	46.0	180.3	11.78	180.3	11.53	180.3	11.16	177.7	10.84	175.2	10.52	164.6	10.09	154.8	9.83	141.9	9.49
	55.0	51.0	180.3	11.06	180.3	10.82	180.3	10.48	177.7	10.17	175.2	9.87	164.6	9.47	154.8	9.23	141.9	8.91
	60.0	56.0	180.3	10.28	180.3	10.07	180.3	9.74	177.7	9.46	175.2	9.18	164.6	8.81	154.8	8.58	141.9	8.29
120%	-21.6	-22.0	70.2	5.39	69.9	5.84	69.4	6.51	69.0	7.10	68.6	7.70	68.0	8.07	67.7	8.16	67.2	8.27
	-17.1	-17.5	81.4	6.23	81.1	6.68	80.6	7.36	80.0	7.95	79.5	8.54	78.8	8.92	78.4	9.00	77.9	9.12
	-12.6	-13.0	94.4	7.08	93.8	7.53	92.9	8.20	92.2	8.79	91.5	9.39	90.7	9.76	90.3	9.85	89.6	9.96
	-7.0	-7.6	108.9	8.09	107.9	8.54	106.4	9.22	105.3	9.81	104.2	10.40	103.4	10.78	102.9	10.86	102.2	10.98
	-4.0	-4.4	116.9	8.70	115.8	9.15	114.2	9.83	113.0	10.42	111.9	11.01	111.0	11.39	110.4	11.47	109.7	11.58
	0.0	-0.4	126.8	9.45	125.6	9.90	123.8	10.58	122.6	11.17	121.3	11.76	120.4	12.14	119.7	12.22	118.9	12.33
	5.0	4.5	139.2	10.39	137.9	10.84	135.9	11.52	134.5	12.11	133.2	12.70	132.1	13.08	131.4	13.16	130.5	13.27
	10.0	9.0	151.5	11.33	150.1	11.78	147.9	12.46	146.5	13.05	145.0	13.64	143.8	14.02	143.1	14.10	142.1	14.21
	15.0	14.0	163.6	12.25	162.1	12.70	159.8	13.38	158.2	13.97	156.6	14.56	152.6	14.87	146.1	14.80	137.5	14.72
	20.0	19.0	175.6	13.21	174.0	13.66	171.7	14.33	168.0	14.38	164.3	14.42	154.8	14.16	145.3	14.08	132.8	13.97
	25.0	23.0	180.1	14.61	178.8	14.60	176.9	14.57	170.6	14.14	164.3	13.71	154.8	13.46	145.3	13.36	132.8	13.23
	30.0	28.0	180.1	14.65	178.8	14.29	176.9	13.75	170.6	13.37	164.3	13.00	154.8	12.76	145.3	12.65	132.8	12.50
	35.0	32.0	180.1	13.70	178.8	13.39	176.9	12.92	170.6	12.60	164.3	12.28	154.8	12.07	145.3	11.94	132.8	11.77
	40.0	36.0	180.1	12.75	178.8	12.49	176.9	12.10	170.6	11.83	164.3	11.57	154.8	11.37	145.3	11.23	132.8	11.03
	45.0	41.0	180.1	11.81	178.8	11.60	176.9	11.29	170.6	11.07	164.3	10.85	154.8	10.68	145.3	10.52	132.8	10.30
	47.0	43.0	180.1	11.50	178.8	11.29	176.9	10.99	170.6	10.78	164.3	10.56	154.8	10.39	145.3	10.24	132.8	10.03
	50.0	46.0	180.1	11.07	178.8	10.88	176.9	10.58	170.6	10.38	164.3	10.17	154.8	10.01	145.3	9.86	132.8	9.66
	55.0	51.0	180.1	10.39	178.8	10.21	176.9	9.93	170.6	9.74	164.3	9.55	154.8	9.39	145.3	9.25	132.8	9.07
	60.0	56.0	180.1	9.66	178.8	9.49	176.9	9.24	170.6	9.06	164.3	8.88	154.8	8.74	145.3	8.61	132.8	8.43
110%	-21.6	-22.0	69.8	6.85	69.5	7.19	69.0	7.70	68.6	8.25	68.2	8.81	67.7	9.85	67.3	10.69	66.9	11.82
	-17.1	-17.5	81.0	7.70	80.7	8.03	80.2	8.54	79.6	9.10	79.0	9.66	78.4	10.69	78.0	11.54	77.5	12.67
	-12.6	-13.0	92.5	8.54	92.2	8.88	91.9	9.39	91.4	9.94	91.0	10.50	90.2	11.54	89.8	12.38	89.2	13.51
	-7.0	-7.6	106.2	9.56	105.7	9.89	104.9	10.40	104.3	10.96	103.7	11.52	102.8	12.55	102.3	13.40	101.6	14.52
	-4.0	-4.4	114.4	10.16	113.7	10.50	112.7	11.01	112.0	11.57	111.3	12.12	110.4	13.16	109.8	14.01	109.1	15.13
	0.0	-0.4	124.6	10.92	123.7	11.25	122.3	11.76	121.5	12.32	120.7	12.88	119.7	13.91	119.1	14.76	118.3	15.88
	5.0	4.5	137.3	11.85	136.1	12.19	134.3	12.70	133.4	13.26	132.4	13.81	130.7	14.55	128.5	14.75	125.5	15.01
	10.0	9.0	150.0	12.79	148.5	13.13	146.4	13.64	145.3	14.20	144.2	14.75	138.1	14.56	131.3	14.29	122.1	13.93
	15.0	14.0	162.4	13.71	160.7	14.05	158.2	14.56	152.8	14.52	147.5	14.49	138.9	14.10	131.0	13.66	120.5	13.06
	20.0	19.0	178.2	15.02	171.9	14.85	162.5	14.59	155.0	14.22	147.5	13.85	138.9	13.42	131.0	13.00	120.5	12.45
	25.0	23.0	178.2	14.76	171.9	14.44	162.5	13.97	155.0	13.55	147.5	13.14	138.9	12.75	131.0	12.36	120.5	11.85
	30.0	28.0	178.2	14.00	171.9	13.64	162.5	13.11	155.0	12.77	147.5	12.43	138.9	12.07	131.0	11.72	120.5	11.25
	35.0	32.0	178.2	12.93	171.9	12.66	162.5	12.26	155.0	11.99	147.5	11.73	138.9	11.40	131.0	11.08	120.5	10.65
	40.0	36.0	178.2	11.87	171.9	11.68	162.5	11.40	155.0	11.21	147.5	11.02	138.9	10.73	131.0	10.44	120.5	10.05
	45.0	41.0	178.2	10.83	171.9	10.72	162.5	10.56	155.0	10.44	147.5	10.31	138.9	10.06	131.0	9.80	120.5	9.45
	47.0	43.0	178.2	10.54	171.9	10.44	162.5	10.28	155.0	10.16	147.5	10.04	138.9	9.79	131.0	9.54	120.5	9.20
	50.0	46.0	178.2	10.15	171.9	10.05	162.5	9.90	155.0	9.79	147.5	9.67	138.9	9.43	131.0	9.19	120.5	8.86
	55.0	51.0	178.2	9.53	171.9	9.43	162.5	9.29	155.0	9.18	147.5	9.08	138.9	8.85	131.0	8.62	120.5	8.31
	60.0	56.0	178.2	8.86	171.9	8.77	162.5	8.64	155.0	8.54	147.5	8.44	138.9	8.23	131.0	8.02	120.5	7.73

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).

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%	-21.6	-22.0	69.5	5.58	69.2	6.38	68.8	7.58	68.4	8.39	67.9	9.21	67.4	10.35	67.1	11.06	66.6	11.99
	-17.1	-17.5	80.7	6.71	80.3	7.37	79.8	8.36	79.3	9.19	78.7	10.02	78.1	11.18	77.7	11.86	77.2	12.77
	-12.6	-13.0	91.8	7.79	91.5	8.36	90.9	9.23	90.7	10.04	90.6	10.84	89.9	12.02	89.4	12.67	88.8	13.54
	-7.0	-7.6	105.3	9.08	104.8	9.56	104.2	10.28	103.7	11.05	103.2	11.81	102.4	13.02	101.9	13.64	101.2	14.47
	-4.0	-4.4	113.3	9.85	112.8	10.27	112.1	10.90	111.5	11.65	110.8	12.40	109.9	13.62	109.4	14.22	108.6	15.02
	0.0	-0.4	122.9	10.81	122.4	11.16	121.6	11.68	120.9	12.40	120.2	13.12	118.9	14.22	117.7	14.50	116.0	14.87
	5.0	4.5	134.9	12.01	134.3	12.26	133.5	12.64	132.0	13.33	130.6	14.03	125.3	14.38	120.3	14.34	113.5	14.27
	10.0	9.0	145.3	13.21	143.5	13.37	140.9	13.61	138.0	14.00	135.0	14.40	127.1	14.17	119.6	13.82	109.7	13.37
	15.0	14.0	156.8	14.47	153.5	14.45	148.4	14.42	141.7	14.32	135.0	14.23	127.1	13.48	119.6	13.07	109.7	12.53
	20.0	19.0	163.3	14.53	157.3	14.38	148.4	14.15	141.7	13.78	135.0	13.42	127.1	12.71	119.6	12.32	109.7	11.80
	25.0	23.0	163.3	14.55	157.3	13.95	148.4	13.06	141.7	12.84	135.0	12.62	127.1	11.94	119.6	11.57	109.7	11.08
	30.0	28.0	163.3	13.55	157.3	13.06	148.4	12.31	141.7	12.07	135.0	11.82	127.1	11.18	119.6	10.83	109.7	10.37
	35.0	32.0	163.3	12.56	157.3	12.16	148.4	11.55	141.7	11.29	135.0	11.03	127.1	10.42	119.6	10.09	109.7	9.65
	40.0	36.0	163.3	11.57	157.3	11.26	148.4	10.80	141.7	10.52	135.0	10.23	127.1	9.66	119.6	9.35	109.7	8.94
	45.0	41.0	163.3	10.60	157.3	10.38	148.4	10.05	141.7	9.75	135.0	9.45	127.1	8.91	119.6	8.62	109.7	8.24
	47.0	43.0	163.3	10.32	157.3	10.10	148.4	9.79	141.7	9.49	135.0	9.20	127.1	8.67	119.6	8.39	109.7	8.02
	50.0	46.0	163.3	9.93	157.3	9.73	148.4	9.43	141.7	9.14	135.0	8.86	127.1	8.35	119.6	8.08	109.7	7.72
	55.0	51.0	163.3	9.32	157.3	9.13	148.4	8.85	141.7	8.58	135.0	8.32	127.1	7.84	119.6	7.59	109.7	7.25
	60.0	56.0	163.3	8.67	157.3	8.49	148.4	8.23	141.7	7.98	135.0	7.73	127.1	7.29	119.6	7.05	109.7	6.74
90%	-21.6	-22.0	69.2	7.19	68.9	7.61	68.5	8.26	68.1	9.12	67.7	9.98	67.1	10.58	66.8	11.15	66.3	11.90
	-17.1	-17.5	80.3	8.03	80.0	8.46	79.5	9.10	79.0	9.96	78.4	10.83	77.8	11.43	77.4	11.99	76.8	12.74
	-12.6	-13.0	91.5	8.88	91.1	9.30	90.5	9.95	90.4	10.81	90.2	11.67	89.5	12.27	89.0	12.84	88.4	13.59
	-7.0	-7.6	104.8	9.89	104.4	10.32	103.7	10.96	103.3	11.82	102.8	12.69	102.0	13.29	101.5	13.85	100.8	14.60
	-4.0	-4.4	112.8	10.50	112.4	10.93	111.7	11.57	111.0	12.43	110.4	13.29	109.5	13.64	108.9	13.66	108.2	13.68
	0.0	-0.4	122.4	11.25	121.9	11.68	121.1	12.32	120.3	13.00	119.4	13.68	118.8	13.63	118.2	13.58	117.5	13.52
	5.0	4.5	135.4	12.19	133.8	12.62	131.3	13.26	127.5	13.44	123.6	13.63	116.4	13.43	109.3	13.07	99.8	12.59
	10.0	9.0	148.0	13.49	143.0	13.56	135.5	13.66	129.6	13.62	123.6	13.58	116.4	12.93	109.3	12.35	99.8	11.58
	15.0	14.0	149.7	13.67	144.1	13.64	135.5	13.59	129.6	13.28	123.6	12.97	116.4	12.27	109.3	11.71	99.8	10.98
	20.0	19.0	149.7	13.75	144.1	13.47	135.5	13.06	129.6	12.65	123.6	12.24	116.4	11.58	109.3	11.05	99.8	10.35
	25.0	23.0	149.7	12.93	144.1	12.67	135.5	12.28	129.6	11.90	123.6	11.51	116.4	10.90	109.3	10.40	99.8	9.73
	30.0	28.0	149.7	12.12	144.1	11.87	135.5	11.51	129.6	11.15	123.6	10.79	116.4	10.22	109.3	9.75	99.8	9.11
	35.0	32.0	149.7	11.30	144.1	11.07	135.5	10.73	129.6	10.40	123.6	10.07	116.4	9.54	109.3	9.09	99.8	8.49
	40.0	36.0	149.7	10.48	144.1	10.27	135.5	9.96	129.6	9.65	123.6	9.35	116.4	8.87	109.3	8.44	99.8	7.88
	45.0	41.0	149.7	9.68	144.1	9.49	135.5	9.19	129.6	8.92	123.6	8.64	116.4	8.20	109.3	7.80	99.8	7.27
	47.0	43.0	149.7	9.42	144.1	9.23	135.5	8.95	129.6	8.68	123.6	8.41	116.4	7.98	109.3	7.59	99.8	7.08
	50.0	46.0	149.7	9.08	144.1	8.89	135.5	8.62	129.6	8.36	123.6	8.10	116.4	7.69	109.3	7.31	99.8	6.82
	55.0	51.0	149.7	8.52	144.1	8.35	135.5	8.09	129.6	7.85	123.6	7.60	116.4	7.21	109.3	6.86	99.8	6.40
	60.0	56.0	149.7	7.92	144.1	7.76	135.5	7.52	129.6	7.30	123.6	7.07	116.4	6.71	109.3	6.38	99.8	5.95
80%	-21.6	-22.0	68.9	7.25	68.6	7.72	68.2	8.43	67.8	8.94	67.4	9.44	66.8	10.79	66.5	11.49	66.0	12.43
	-17.1	-17.5	80.0	8.09	79.7	8.56	79.2	9.27	78.6	9.78	78.1	10.29	77.4	11.63	77.1	12.34	76.5	13.27
	-12.6	-13.0	91.1	8.94	90.7	9.41	90.1	10.12	89.7	10.63	89.2	11.13	88.8	12.13	88.8	12.11	88.8	12.07
	-7.0	-7.6	104.4	9.95	104.0	10.42	103.3	11.13	102.9	11.64	102.4	12.15	100.8	12.09	98.8	12.07	96.0	12.03
	-4.0	-4.4	112.4	10.56	111.9	11.03	111.2	11.74	110.6	11.93	109.9	12.12	103.5	12.07	97.8	12.04	90.1	12.01
	0.0	-0.4	123.1	11.55	121.4	11.78	118.9	12.13	114.8	12.11	110.7	12.09	103.8	11.96	97.7	11.77	89.4	11.53
	5.0	4.5	131.8	12.14	127.7	12.12	121.6	12.10	116.1	12.07	110.7	12.05	103.8	11.51	97.7	11.16	89.4	10.70
	10.0	9.0	133.9	12.10	129.0	12.08	121.6	12.06	116.1	11.88	110.7	11.70	103.8	10.94	97.7	10.60	89.4	10.15
	15.0	14.0	133.9	12.10	129.0	12.05	121.6	11.96	116.1	11.52	110.7	11.08	103.8	10.38	97.7	10.05	89.4	9.61
	20.0	19.0	133.9	11.78	129.0	11.57	121.6	11.26	116.1	10.85	110.7	10.44	103.8	9.79	97.7	9.47	89.4	9.05
	25.0	23.0	133.9	11.07	129.0	10.87	121.6	10.57	116.1	10.19	110.7	9.81	103.8	9.22	97.7	8.91	89.4	8.50
	30.0	28.0	133.9	10.36	129.0	10.17	121.6	9.89	116.1	9.53	110.7	9.18	103.8	8.64	97.7	8.35	89.4	7.95
	35.0	32.0	133.9	9.64	129.0	9.47	121.6	9.20	116.1	8.87	110.7	8.55	103.8	8.07	97.7	7.78	89.4	7.40
	40.0	36.0	133.9	8.93	129.0	8.77	121.6	8.52	116.1	8.22	110.7	7.91	103.8	7.50	97.7	7.22	89.4	6.85
	45.0	41.0	133.9	8.24	129.0	8.08	121.6	7.84	116.1	7.57	110.7	7.30	103.8	6.93	97.7	6.67	89.4	6.31
	47.0	43.0	133.9	8.02	129.0	7.86	121.6	7.64	116.1	7.37	110.7	7.10	103.8	6.75	97.7	6.49	89.4	6.14
	50.0	46.0	133.9	7.72	129.0	7.57	121.6	7.35	116.1	7.10	110.7	6.84	103.8	6.50	97.7	6.25	89.4	5.92
	55.0	51.0	133.9	7.25	129.0	7.11	121.6	6.90	116.1	6.66	110.7	6.42	103.8	6.10	97.7	5.87	89.4	5.55
	60.0	56.0	133.9	6.74	129.0	6.61	121.6	6.42	116.1	6.20	110.7	5.97	103.8	5.67	97.7	5.46	89.4	5.17

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).

HEATING CAPACITY DATA



ARUM121CTE5

120,000 Btu/h 575V Outdoor Units

MULTI V 5 Outdoor Unit Performance Data Manual

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
	°F DB	°F WB	59		61		64		67		70		73		76		80	
			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%	-21.6	-22.0	68.5	7.77	68.2	7.99	67.8	8.33	67.4	9.17	67.0	10.02	66.4	11.19	66.1	11.90	65.7	12.84
	-17.1	-17.5	79.5	8.61	79.2	8.84	78.7	9.17	78.2	10.02	77.6	10.86	77.0	11.70	76.6	11.68	76.1	11.64
	-12.6	-13.0	90.6	9.46	90.2	9.68	89.6	10.02	89.2	10.86	88.7	11.71	87.0	11.67	84.2	11.65	80.5	11.62
	-7.0	-7.6	103.4	10.47	103.4	10.70	103.3	11.03	98.6	11.35	93.8	11.67	88.7	11.63	83.6	11.62	76.8	11.60
	-4.0	-4.4	112.5	11.08	108.8	11.30	103.3	11.64	98.6	11.64	93.8	11.61	88.7	11.61	83.6	11.60	76.8	11.58
	0.0	-0.4	113.5	11.70	109.4	11.68	103.3	11.65	98.6	11.63	93.8	11.61	88.7	11.29	83.6	11.10	76.8	10.85
	5.0	4.5	113.5	11.64	109.4	11.61	103.3	11.57	98.6	11.39	93.8	11.22	88.7	10.69	83.6	10.49	76.8	10.22
	10.0	9.0	113.5	11.57	109.4	11.53	103.3	11.48	98.6	11.04	93.8	10.59	88.7	10.09	83.6	9.88	76.8	9.59
	15.0	14.0	113.5	11.72	109.4	11.39	103.3	10.90	98.6	10.44	93.8	9.98	88.7	9.50	83.6	9.28	76.8	8.97
	20.0	19.0	113.5	10.96	109.4	10.65	103.3	10.19	98.6	9.77	93.8	9.34	88.7	8.89	83.6	8.65	76.8	8.33
	25.0	23.0	113.5	10.20	109.4	9.92	103.3	9.50	98.6	9.11	93.8	8.71	88.7	8.29	83.6	8.04	76.8	7.70
	30.0	28.0	113.5	9.45	109.4	9.20	103.3	8.81	98.6	8.45	93.8	8.09	88.7	7.69	83.6	7.42	76.8	7.07
	35.0	32.0	113.5	8.70	109.4	8.47	103.3	8.12	98.6	7.79	93.8	7.46	88.7	7.09	83.6	6.81	76.8	6.44
	40.0	36.0	113.5	7.95	109.4	7.74	103.3	7.42	98.6	7.13	93.8	6.84	88.7	6.49	83.6	6.20	76.8	5.81
	45.0	41.0	113.5	7.22	109.4	7.03	103.3	6.75	98.6	6.49	93.8	6.23	88.7	5.90	83.6	5.60	76.8	5.20
	47.0	43.0	113.5	7.03	109.4	6.85	103.3	6.57	98.6	6.32	93.8	6.07	88.7	5.75	83.6	5.45	76.8	5.06
	50.0	46.0	113.5	6.77	109.4	6.60	103.3	6.33	98.6	6.09	93.8	5.84	88.7	5.53	83.6	5.25	76.8	4.87
	55.0	51.0	113.5	6.36	109.4	6.19	103.3	5.94	98.6	5.71	93.8	5.48	88.7	5.19	83.6	4.93	76.8	4.58
	60.0	56.0	113.5	5.91	109.4	5.76	103.3	5.53	98.6	5.31	93.8	5.10	88.7	4.83	83.6	4.58	76.8	4.25
60%	-21.6	-22.0	63.4	7.16	63.2	7.38	62.8	7.72	62.4	8.56	62.0	9.41	61.5	10.58	61.2	11.29	60.8	12.23
	-17.1	-17.5	73.6	8.00	73.3	8.23	72.9	8.56	72.4	9.41	71.9	10.25	71.2	11.09	70.6	11.06	69.8	11.02
	-12.6	-13.0	84.0	8.85	83.5	9.07	82.6	9.41	81.6	10.25	80.5	11.10	75.8	11.05	71.6	11.03	66.1	10.99
	-7.0	-7.6	97.2	9.86	93.8	10.09	88.8	10.42	84.7	10.74	80.5	11.05	75.8	11.01	71.6	10.99	66.1	10.96
	-4.0	-4.4	97.2	10.47	93.8	10.69	88.8	11.03	84.7	11.02	80.5	11.02	75.8	10.85	71.6	10.52	66.1	10.09
	0.0	-0.4	97.2	11.10	93.8	11.08	88.8	11.06	84.7	10.92	80.5	10.77	75.8	10.39	71.6	10.04	66.1	9.56
	5.0	4.5	97.2	11.06	93.8	11.04	88.8	11.02	84.7	10.59	80.5	10.17	75.8	9.79	71.6	9.44	66.1	8.98
	10.0	9.0	97.2	11.25	93.8	11.00	88.8	10.63	84.7	10.10	80.5	9.56	75.8	9.19	71.6	8.84	66.1	8.39
	15.0	14.0	97.2	10.72	93.8	10.42	88.8	9.96	84.7	9.46	80.5	8.97	75.8	8.60	71.6	8.26	66.1	7.81
	20.0	19.0	97.2	10.01	93.8	9.71	88.8	9.26	84.7	8.81	80.5	8.36	75.8	7.98	71.6	7.65	66.1	7.21
	25.0	23.0	97.2	9.30	93.8	9.01	88.8	8.57	84.7	8.16	80.5	7.75	75.8	7.38	71.6	7.06	66.1	6.62
	30.0	28.0	97.2	8.60	93.8	8.31	88.8	7.88	84.7	7.51	80.5	7.15	75.8	6.78	71.6	6.46	66.1	6.04
	35.0	32.0	97.2	7.89	93.8	7.61	88.8	7.19	84.7	6.87	80.5	6.54	75.8	6.18	71.6	5.87	66.1	5.45
	40.0	36.0	97.2	7.19	93.8	6.92	88.8	6.51	84.7	6.22	80.5	5.94	75.8	5.58	71.6	5.27	66.1	4.86
	45.0	41.0	97.2	6.50	93.8	6.24	88.8	5.85	84.7	5.60	80.5	5.36	75.8	5.00	71.6	4.70	66.1	4.30
	47.0	43.0	97.2	6.33	93.8	6.07	88.8	5.69	84.7	5.45	80.5	5.21	75.8	4.87	71.6	4.57	66.1	4.18
	50.0	46.0	97.2	6.10	93.8	5.85	88.8	5.48	84.7	5.25	80.5	5.02	75.8	4.69	71.6	4.40	66.1	4.03
	55.0	51.0	97.2	5.72	93.8	5.49	88.8	5.14	84.7	4.93	80.5	4.71	75.8	4.40	71.6	4.13	66.1	3.78
	60.0	56.0	97.2	5.32	93.8	5.11	88.8	4.78	84.7	4.58	80.5	4.38	75.8	4.09	71.6	3.84	66.1	3.52
50%	-21.6	-22.0	58.7	6.14	58.5	6.37	58.1	6.70	57.8	7.55	57.4	8.39	56.6	9.57	55.7	10.27	54.4	11.21
	-17.1	-17.5	68.2	6.99	67.9	7.21	67.5	7.55	66.1	8.39	64.8	9.24	62.3	10.07	59.9	10.03	56.6	9.97
	-12.6	-13.0	81.3	7.83	78.3	8.06	73.9	8.39	70.5	9.24	67.2	10.08	63.2	10.02	59.5	9.98	54.6	9.92
	-7.0	-7.6	81.3	8.84	78.3	9.07	73.9	9.41	70.5	9.72	67.2	10.03	63.2	9.77	59.5	9.29	54.6	8.65
	-4.0	-4.4	81.3	9.45	78.3	9.68	73.9	10.02	70.5	10.00	67.2	9.99	63.2	9.41	59.5	8.95	54.6	8.33
	0.0	-0.4	81.3	10.09	78.3	10.06	73.9	10.02	70.5	9.79	67.2	9.56	63.2	8.97	59.5	8.53	54.6	7.94
	5.0	4.5	81.3	10.28	78.3	10.01	73.9	9.61	70.5	9.29	67.2	8.98	63.2	8.43	59.5	8.01	54.6	7.45
	10.0	9.0	81.3	10.06	78.3	9.64	73.9	9.00	70.5	8.69	67.2	8.39	63.2	7.88	59.5	7.48	54.6	6.95
	15.0	14.0	81.3	9.39	78.3	8.99	73.9	8.39	70.5	8.10	67.2	7.82	63.2	7.34	59.5	6.97	54.6	6.47
	20.0	19.0	81.3	8.68	78.3	8.31	73.9	7.77	70.5	7.49	67.2	7.22	63.2	6.78	59.5	6.43	54.6	5.97
	25.0	23.0	81.3	7.99	78.3	7.65	73.9	7.15	70.5	6.89	67.2	6.63	63.2	6.24	59.5	5.91	54.6	5.48
	30.0	28.0	81.3	7.30	78.3	6.99	73.9	6.54	70.5	6.29	67.2	6.05	63.2	5.69	59.5	5.39	54.6	4.98
	35.0	32.0	81.3	6.60	78.3	6.33	73.9	5.92	70.5	5.69	67.2	5.46	63.2	5.14	59.5	4.86	54.6	4.49
	40.0	36.0	81.3	5.91	78.3	5.67	73.9	5.30	70.5	5.09	67.2	4.87	63.2	4.60	59.5	4.34	54.6	4.00
	45.0	41.0	81.3	5.25	78.3	5.03	73.9	4.71	70.5	4.51	67.2	4.31	63.2	4.07	59.5	3.84	54.6	3.53
	47.0	43.0	81.3	5.11	78.3	4.90	73.9	4.59	70.5	4.39	67.2	4.20	63.2	3.96	59.5	3.73	54.6	3.43
	50.0	46.0	81.3	4.92	78.3	4.72	73.9	4.42	70.5	4.23	67.2	4.04	63.2	3.82	59.5	3.60	54.6	3.30
	55.0	51.0	81.3	4.62	78.3	4.43	73.9	4.15	70.5	3.97	67.2	3.80	63.2	3.58	59.5	3.38	54.6	3.10
	60.0	56.0	81.3	4.29	78.3	4.12	73.9	3.86	70.5	3.69	67.2	3.53	63.2	3.33	59.5	3.14	54.6	2.88

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 70°F dry bulb (DB) and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

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%	-21.6	-22.0	84.8	5.01	84.4	5.70	83.9	6.73	83.4	7.71	82.9	8.69	82.2	9.95	81.8	10.66	81.3	11.61
	-17.1	-17.5	98.4	6.04	98.0	6.71	97.4	7.72	96.7	8.67	96.1	9.62	95.3	10.77	94.8	11.40	94.1	12.24
	-12.6	-13.0	116.2	7.06	114.9	7.72	113.0	8.71	111.8	9.63	110.5	10.54	109.6	11.58	109.1	12.14	108.3	12.88
	-7.0	-7.6	132.4	8.30	131.0	8.94	128.8	9.90	127.4	10.77	126.0	11.65	124.9	12.57	124.3	13.03	123.5	13.64
	-4.0	-4.4	142.2	9.04	140.6	9.67	138.3	10.61	136.8	11.46	135.2	12.31	134.1	13.15	133.4	13.56	132.5	14.10
	0.0	-0.4	154.2	9.95	152.5	10.57	150.0	11.49	148.3	12.31	146.7	13.13	145.5	13.88	144.7	14.22	143.7	14.66
	5.0	4.5	169.2	11.09	167.4	11.69	164.6	12.59	162.8	13.37	160.9	14.16	159.6	14.79	158.8	15.04	157.7	15.37
	10.0	9.0	184.2	12.24	182.2	12.82	179.2	13.69	177.2	14.44	175.2	15.18	173.8	15.70	172.9	15.86	171.7	16.08
	15.0	14.0	198.9	13.35	196.8	13.92	193.5	14.77	191.4	15.48	189.2	16.19	187.7	16.54	186.7	16.51	185.5	16.47
	20.0	19.0	213.0	14.52	211.2	15.07	208.4	15.89	205.9	16.18	203.4	16.47	197.1	16.15	186.0	15.81	171.2	15.35
	25.0	23.0	216.0	15.98	216.3	16.19	216.7	16.52	213.5	16.30	210.3	16.08	197.5	15.38	185.8	15.05	170.2	14.60
	30.0	28.0	216.3	16.55	216.3	16.50	216.3	16.43	213.3	15.85	210.3	15.27	197.5	14.62	185.8	14.29	170.2	13.85
	35.0	32.0	216.3	16.88	216.3	16.43	216.3	15.76	213.3	15.11	210.3	14.47	197.5	13.86	185.8	13.53	170.2	13.10
	40.0	36.0	216.3	16.19	216.3	15.59	216.3	14.69	213.3	14.18	210.3	13.66	197.5	13.10	185.8	12.78	170.2	12.35
	45.0	41.0	216.3	14.39	216.3	14.09	216.3	13.64	213.3	13.25	210.3	12.86	197.5	12.33	185.8	12.02	170.2	11.60
	47.0	43.0	216.3	14.01	216.3	13.72	216.3	13.28	213.3	12.90	210.3	12.51	197.5	12.00	185.8	11.70	170.2	11.29
	50.0	46.0	216.3	13.50	216.3	13.21	216.3	12.79	213.3	12.42	210.3	12.05	197.5	11.56	185.8	11.27	170.2	10.88
	55.0	51.0	216.3	12.67	216.3	12.40	216.3	12.00	213.3	11.66	210.3	11.31	197.5	10.85	185.8	10.57	170.2	10.21
	60.0	56.0	216.3	11.78	216.3	11.53	216.3	11.16	213.3	10.84	210.3	10.52	197.5	10.09	185.8	9.83	170.2	9.49
120%	-21.6	-22.0	84.2	6.17	83.8	6.69	83.3	7.46	82.8	8.14	82.3	8.82	81.6	9.25	81.2	9.35	80.7	9.48
	-17.1	-17.5	97.7	7.14	97.3	7.66	96.7	8.43	96.0	9.11	95.4	9.79	94.6	10.22	94.1	10.31	93.5	10.44
	-12.6	-13.0	113.2	8.11	112.5	8.62	111.4	9.40	110.6	10.08	109.8	10.75	108.9	11.19	108.3	11.28	107.6	11.41
	-7.0	-7.6	130.7	9.27	129.5	9.79	127.6	10.56	126.3	11.24	125.1	11.92	124.1	12.35	123.4	12.44	122.6	12.57
	-4.0	-4.4	140.3	9.97	139.0	10.48	137.0	11.26	135.6	11.93	134.3	12.61	133.2	13.04	132.5	13.14	131.6	13.27
	0.0	-0.4	152.2	10.83	150.7	11.34	148.6	12.12	147.1	12.80	145.6	13.47	144.4	13.91	143.7	14.00	142.7	14.13
	5.0	4.5	167.0	11.90	165.4	12.42	163.1	13.19	161.4	13.87	159.8	14.55	158.5	14.98	157.7	15.08	156.6	15.21
	10.0	9.0	181.8	12.98	180.1	13.49	177.5	14.27	175.8	14.95	174.0	15.62	172.6	16.06	171.7	16.15	170.5	16.28
	15.0	14.0	196.4	14.03	194.5	14.55	191.7	15.32	189.8	16.00	187.9	16.68	183.2	17.03	175.4	16.96	164.9	16.86
	20.0	19.0	210.8	15.13	208.9	15.65	206.0	16.42	201.6	16.47	197.1	16.53	185.7	16.22	174.4	16.13	159.3	16.00
	25.0	23.0	216.1	16.74	214.6	16.72	212.3	16.69	204.7	16.20	197.1	15.71	185.7	15.42	174.4	15.31	159.3	15.16
	30.0	28.0	216.1	16.78	214.6	16.37	212.3	15.75	204.7	15.32	197.1	14.89	185.7	14.62	174.4	14.49	159.3	14.32
	35.0	32.0	216.1	15.69	214.6	15.34	212.3	14.81	204.7	14.44	197.1	14.07	185.7	13.83	174.4	13.68	159.3	13.48
	40.0	36.0	216.1	14.60	214.6	14.31	212.3	13.86	204.7	13.56	197.1	13.25	185.7	13.03	174.4	12.86	159.3	12.64
	45.0	41.0	216.1	13.53	214.6	13.29	212.3	12.93	204.7	12.68	197.1	12.43	185.7	12.23	174.4	12.05	159.3	11.80
	47.0	43.0	216.1	13.17	214.6	12.94	212.3	12.59	204.7	12.35	197.1	12.10	185.7	11.91	174.4	11.73	159.3	11.49
	50.0	46.0	216.1	12.69	214.6	12.46	212.3	12.12	204.7	11.89	197.1	11.66	185.7	11.47	174.4	11.29	159.3	11.07
	55.0	51.0	216.1	11.91	214.6	11.70	212.3	11.38	204.7	11.16	197.1	10.94	185.7	10.76	174.4	10.60	159.3	10.39
	60.0	56.0	216.1	11.07	214.6	10.88	212.3	10.58	204.7	10.38	197.1	10.17	185.7	10.01	174.4	9.86	159.3	9.66
110%	-21.6	-22.0	83.7	7.85	83.4	8.24	82.9	8.82	82.4	9.46	81.9	10.10	81.2	11.28	80.8	12.25	80.2	13.54
	-17.1	-17.5	97.2	8.82	96.8	9.20	96.2	9.79	95.5	10.42	94.9	11.06	94.1	12.25	93.6	13.22	93.0	14.51
	-12.6	-13.0	111.0	9.79	110.7	10.17	110.2	10.75	109.7	11.39	109.2	12.03	108.3	13.22	107.7	14.19	107.0	15.48
	-7.0	-7.6	127.4	10.95	126.8	11.33	125.9	11.92	125.1	12.55	124.4	13.19	123.4	14.38	122.8	15.35	121.9	16.64
	-4.0	-4.4	137.3	11.64	136.5	12.03	135.2	12.61	134.4	13.25	133.5	13.89	132.5	15.08	131.8	16.05	130.9	17.34
	0.0	-0.4	149.5	12.50	148.4	12.89	146.7	13.47	145.8	14.11	144.8	14.75	143.6	15.94	142.9	16.91	141.9	18.20
	5.0	4.5	164.8	13.58	163.3	13.97	161.2	14.55	160.1	15.19	158.9	15.83	156.8	16.67	154.2	16.89	150.7	17.20
	10.0	9.0	180.0	14.66	178.2	15.04	175.6	15.62	174.3	16.26	173.0	16.90	165.8	16.68	157.5	16.37	146.5	15.95
	15.0	14.0	194.9	15.71	192.9	16.10	189.8	16.68	183.4	16.64	177.0	16.60	166.6	16.16	157.2	15.64	144.6	14.96
	20.0	19.0	213.8	17.21	206.3	17.01	195.0	16.72	186.0	16.29	177.0	15.86	166.6	15.37	157.2	14.90	144.6	14.26
	25.0	23.0	213.8	16.91	206.3	16.55	195.0	16.00	186.0	15.53	177.0	15.05	166.6	14.60	157.2	14.16	144.6	13.57
	30.0	28.0	213.8	16.04	206.3	15.63	195.0	15.02	186.0	14.63	177.0	14.24	166.6	13.83	157.2	13.43	144.6	12.89
	35.0	32.0	213.8	14.82	206.3	14.51	195.0	14.04	186.0	13.74	177.0	13.43	166.6	13.06	157.2	12.69	144.6	12.20
	40.0	36.0	213.8	13.60	206.3	13.38	195.0	13.06	186.0	12.84	177.0	12.62	166.6	12.29	157.2	11.96	144.6	11.51
	45.0	41.0	213.8	12.41	206.3	12.28	195.0	12.10	186.0	11.96	177.0	11.82	166.6	11.53	157.2	11.22	144.6	10.82
	47.0	43.0	213.8	12.08	206.3	11.96	195.0	11.78	186.0	11.64	177.0	11.50	166.6	11.22	157.2	10.93	144.6	10.54
	50.0	46.0	213.8	11.63	206.3	11.52	195.0	11.34	186.0	11.21	177.0	11.08	166.6	10.81	157.2	10.52	144.6	10.15
	55.0	51.0	213.8	10.92	206.3	10.81	195.0	10.65	186.0	10.52	177.0	10.40	166.6	10.14	157.2	9.88	144.6	9.53
	60.0	56.0	213.8	10.15	206.3	10.05	195.0	9.90	186.0	9.79	177.0	9.67	166.6	9.43	157.2	9.19	144.6	8.86

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).

HEATING CAPACITY DATA



ARUM144CTE5

144,000 Btu/h 575V Outdoor Units

MULTI V 5 Outdoor Unit Performance Data Manual

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
	°F DB	°F WB	59		61		64		67		70		73		76		80	
			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%	-21.6	-22.0	83.4	6.39	83.0	7.31	82.5	8.68	82.0	9.62	81.5	10.55	80.9	11.86	80.5	12.67	79.9	13.74
	-17.1	-17.5	96.8	7.68	96.4	8.44	95.8	9.58	95.1	10.53	94.5	11.48	93.7	12.81	93.2	13.59	92.6	14.63
	-12.6	-13.0	110.2	8.92	109.8	9.58	109.1	10.58	108.9	11.50	108.7	12.42	107.8	13.77	107.3	14.52	106.5	15.51
	-7.0	-7.6	126.3	10.40	125.8	10.95	125.0	11.77	124.4	12.65	123.9	13.53	122.9	14.91	122.3	15.63	121.4	16.58
	-4.0	-4.4	136.0	11.29	135.4	11.77	134.6	12.49	133.8	13.35	133.0	14.21	131.9	15.60	131.2	16.29	130.3	17.21
	0.0	-0.4	147.5	12.39	146.9	12.78	146.0	13.38	145.1	14.21	144.2	15.03	142.7	16.29	141.2	16.61	139.2	17.04
	5.0	4.5	161.9	13.76	161.2	14.05	160.2	14.48	158.4	15.28	156.7	16.07	150.4	16.48	144.3	16.42	136.2	16.35
	10.0	9.0	174.3	15.13	172.3	15.31	169.1	15.59	165.6	16.04	162.0	16.49	152.5	16.23	143.6	15.84	131.7	15.32
	15.0	14.0	188.2	16.58	184.1	16.55	178.1	16.52	170.0	16.41	162.0	16.30	152.5	15.45	143.6	14.98	131.7	14.35
	20.0	19.0	195.9	16.65	188.8	16.48	178.1	16.22	170.0	15.79	162.0	15.37	152.5	14.56	143.6	14.11	131.7	13.52
	25.0	23.0	195.9	16.67	188.8	15.99	178.1	14.96	170.0	14.71	162.0	14.46	152.5	13.68	143.6	13.26	131.7	12.70
	30.0	28.0	195.9	15.53	188.8	14.96	178.1	14.10	170.0	13.82	162.0	13.55	152.5	12.81	143.6	12.41	131.7	11.88
	35.0	32.0	195.9	14.39	188.8	13.93	178.1	13.24	170.0	12.94	162.0	12.63	152.5	11.94	143.6	11.56	131.7	11.06
	40.0	36.0	195.9	13.25	188.8	12.90	178.1	12.37	170.0	12.05	162.0	11.72	152.5	11.06	143.6	10.71	131.7	10.24
	45.0	41.0	195.9	12.14	188.8	11.89	178.1	11.52	170.0	11.17	162.0	10.83	152.5	10.21	143.6	9.88	131.7	9.44
	47.0	43.0	195.9	11.82	188.8	11.58	178.1	11.21	170.0	10.88	162.0	10.54	152.5	9.93	143.6	9.61	131.7	9.18
	50.0	46.0	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	8.85
	55.0	51.0	195.9	10.68	188.8	10.46	178.1	10.14	170.0	9.83	162.0	9.53	152.5	8.98	143.6	8.69	131.7	8.30
	60.0	56.0	195.9	9.93	188.8	9.73	178.1	9.43	170.0	9.14	162.0	8.86	152.5	8.35	143.6	8.08	131.7	7.72
90%	-21.6	-22.0	83.0	8.23	82.7	8.72	82.2	9.46	81.7	10.45	81.2	11.43	80.5	12.12	80.1	12.77	79.6	13.63
	-17.1	-17.5	96.4	9.20	96.0	9.69	95.4	10.43	94.7	11.42	94.1	12.40	93.3	13.09	92.8	13.74	92.2	14.60
	-12.6	-13.0	109.8	10.17	109.3	10.66	108.6	11.40	108.4	12.38	108.3	13.37	107.4	14.06	106.8	14.70	106.1	15.57
	-7.0	-7.6	125.8	11.33	125.3	11.82	124.5	12.56	123.9	13.55	123.4	14.53	122.4	15.22	121.8	15.87	120.9	16.73
	-4.0	-4.4	135.4	12.03	134.9	12.52	134.0	13.25	133.2	14.24	132.4	15.23	131.4	15.63	130.7	15.65	129.8	15.68
	0.0	-0.4	146.9	12.89	146.3	13.38	145.4	14.12	144.3	14.89	143.3	15.67	137.8	15.62	131.8	15.56	123.8	15.49
	5.0	4.5	162.5	13.96	160.5	14.46	157.5	15.19	153.0	15.40	148.4	15.61	139.6	15.39	131.1	14.97	119.8	14.43
	10.0	9.0	177.6	15.45	171.6	15.53	162.7	15.65	155.5	15.60	148.4	15.55	139.6	14.82	131.1	14.15	119.8	13.27
	15.0	14.0	179.7	15.66	172.9	15.62	162.7	15.57	155.5	15.22	148.4	14.86	139.6	14.05	131.1	13.42	119.8	12.57
	20.0	19.0	179.7	15.75	172.9	15.44	162.7	14.96	155.5	14.49	148.4	14.02	139.6	13.26	131.1	12.66	119.8	11.85
	25.0	23.0	179.7	14.82	172.9	14.52	162.7	14.07	155.5	13.63	148.4	13.19	139.6	12.49	131.1	11.91	119.8	11.14
	30.0	28.0	179.7	13.88	172.9	13.60	162.7	13.18	155.5	12.77	148.4	12.37	139.6	11.71	131.1	11.16	119.8	10.44
	35.0	32.0	179.7	12.95	172.9	12.68	162.7	12.29	155.5	11.92	148.4	11.54	139.6	10.93	131.1	10.42	119.8	9.73
	40.0	36.0	179.7	12.01	172.9	11.77	162.7	11.41	155.5	11.06	148.4	10.71	139.6	10.16	131.1	9.67	119.8	9.02
	45.0	41.0	179.7	11.09	172.9	10.87	162.7	10.53	155.5	10.22	148.4	9.90	139.6	9.39	131.1	8.94	119.8	8.33
	47.0	43.0	179.7	10.80	172.9	10.58	162.7	10.25	155.5	9.95	148.4	9.64	139.6	9.14	131.1	8.70	119.8	8.11
	50.0	46.0	179.7	10.40	172.9	10.19	162.7	9.87	155.5	9.58	148.4	9.28	139.6	8.81	131.1	8.38	119.8	7.81
	55.0	51.0	179.7	9.76	172.9	9.56	162.7	9.27	155.5	8.99	148.4	8.71	139.6	8.27	131.1	7.86	119.8	7.33
	60.0	56.0	179.7	9.08	172.9	8.89	162.7	8.62	155.5	8.36	148.4	8.10	139.6	7.69	131.1	7.31	119.8	6.81
80%	-21.6	-22.0	82.7	8.30	82.4	8.84	81.8	9.66	81.4	10.24	80.9	10.82	80.2	12.36	79.8	13.16	79.3	14.24
	-17.1	-17.5	96.0	9.27	95.6	9.81	95.0	10.62	94.4	11.21	93.7	11.79	92.9	13.32	92.5	14.13	91.8	15.21
	-12.6	-13.0	109.3	10.24	108.9	10.78	108.2	11.59	107.6	12.17	107.1	12.75	106.6	13.90	106.5	13.87	106.5	13.83
	-7.0	-7.6	125.3	11.40	124.8	11.94	124.0	12.75	123.4	13.34	122.9	13.92	121.0	13.85	118.5	13.82	115.2	13.78
	-4.0	-4.4	134.9	12.10	134.3	12.64	133.5	13.45	132.7	13.67	131.9	13.89	124.3	13.82	117.3	13.80	108.1	13.76
	0.0	-0.4	147.7	13.23	145.7	13.50	142.7	13.90	137.8	13.88	132.9	13.85	124.6	13.70	117.2	13.49	107.3	13.20
	5.0	4.5	158.1	13.91	153.2	13.89	145.9	13.86	139.4	13.83	132.9	13.81	124.6	13.19	117.2	12.79	107.3	12.26
	10.0	9.0	160.7	13.86	154.8	13.84	145.9	13.82	139.4	13.61	132.9	13.40	124.6	12.53	117.2	12.14	107.3	11.63
	15.0	14.0	160.7	13.87	154.8	13.80	145.9	13.70	139.4	13.20	132.9	12.69	124.6	11.89	117.2	11.51	107.3	11.01
	20.0	19.0	160.7	13.49	154.8	13.25	145.9	12.90	139.4	12.43	132.9	11.96	124.6	11.22	117.2	10.85	107.3	10.37
	25.0	23.0	160.7	12.68	154.8	12.45	145.9	12.11	139.4	11.67	132.9	11.23	124.6	10.56	117.2	10.21	107.3	9.74
	30.0	28.0	160.7	11.86	154.8	11.65	145.9	11.33	139.4	10.92	132.9	10.51	124.6	9.90	117.2	9.56	107.3	9.11
	35.0	32.0	160.7	11.05	154.8	10.85	145.9	10.54	139.4	10.17	132.9	9.79	124.6	9.25	117.2	8.92	107.3	8.48
	40.0	36.0	160.7	10.23	154.8	10.04	145.9	9.76	139.4	9.41	132.9	9.07	124.6	8.59	117.2	8.27	107.3	7.85
	45.0	41.0	160.7	9.44	154.8	9.26	145.9	8.99	139.4	8.67	132.9	8.36	124.6	7.94	117.2	7.64	107.3	7.23
	47.0	43.0	160.7	9.18	154.8	9.01	145.9	8.75	139.4	8.44	132.9	8.14	124.6	7.73	117.2	7.44	107.3	7.04
	50.0	46.0	160.7	8.85	154.8	8.68	145.9	8.43	139.4	8.13	132.9	7.84	124.6	7.45	117.2	7.16	107.3	6.78
	55.0	51.0	160.7	8.30	154.8	8.15	145.9	7.91	139.4	7.63	132.9	7.36	124.6	6.99	117.2	6.72	107.3	6.36
	60.0	56.0	160.7	7.72	154.8	7.57	145.9	7.35	139.4	7.10	132.9	6.84	124.6	6.50	117.2	6.25	107.3	5.92

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).

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%	-21.6	-22.0	82.2	8.90	81.9	9.15	81.4	9.54	80.9	10.51	80.4	11.48	79.7	12.82	79.3	13.63	78.8	14.71
	-17.1	-17.5	95.4	9.86	95.0	10.12	94.5	10.51	93.8	11.48	93.1	12.45	92.4	13.40	91.9	13.38	91.3	13.34
	-12.6	-13.0	108.7	10.83	108.2	11.09	107.5	11.48	107.0	12.45	106.5	13.41	104.4	13.37	101.1	13.35	96.6	13.32
	-7.0	-7.6	124.1	11.99	124.0	12.25	123.9	12.64	118.3	13.00	112.6	13.37	106.4	13.32	100.3	13.31	92.2	13.29
	-4.0	-4.4	134.9	12.69	130.5	12.95	123.9	13.34	118.3	13.34	112.6	13.34	106.4	13.30	100.3	13.29	92.2	13.27
	0.0	-0.4	136.2	13.41	131.3	13.38	123.9	13.35	118.3	13.32	112.6	13.30	106.4	12.94	100.3	12.72	92.2	12.43
	5.0	4.5	136.2	13.33	131.3	13.30	123.9	13.25	118.3	13.05	112.6	12.85	106.4	12.25	100.3	12.02	92.2	11.71
	10.0	9.0	136.2	13.25	131.3	13.21	123.9	13.16	118.3	12.64	112.6	12.13	106.4	11.56	100.3	11.32	92.2	10.99
	15.0	14.0	136.2	13.43	131.3	13.05	123.9	12.48	118.3	11.96	112.6	11.43	106.4	10.89	100.3	10.63	92.2	10.28
	20.0	19.0	136.2	12.55	131.3	12.20	123.9	11.68	118.3	11.19	112.6	10.70	106.4	10.18	100.3	9.91	92.2	9.54
	25.0	23.0	136.2	11.69	131.3	11.37	123.9	10.88	118.3	10.43	112.6	9.98	106.4	9.50	100.3	9.21	92.2	8.82
	30.0	28.0	136.2	10.83	131.3	10.54	123.9	10.09	118.3	9.68	112.6	9.27	106.4	8.81	100.3	8.50	92.2	8.10
	35.0	32.0	136.2	9.97	131.3	9.70	123.9	9.30	118.3	8.93	112.6	8.55	106.4	8.12	100.3	7.80	92.2	7.38
	40.0	36.0	136.2	9.11	131.3	8.87	123.9	8.51	118.3	8.17	112.6	7.84	106.4	7.43	100.3	7.10	92.2	6.65
	45.0	41.0	136.2	8.28	131.3	8.06	123.9	7.74	118.3	7.44	112.6	7.14	106.4	6.76	100.3	6.42	92.2	5.96
	47.0	43.0	136.2	8.06	131.3	7.85	123.9	7.53	118.3	7.24	112.6	6.95	106.4	6.58	100.3	6.25	92.2	5.80
	50.0	46.0	136.2	7.76	131.3	7.56	123.9	7.25	118.3	6.97	112.6	6.69	106.4	6.34	100.3	6.02	92.2	5.58
	55.0	51.0	136.2	7.28	131.3	7.09	123.9	6.81	118.3	6.54	112.6	6.28	106.4	5.95	100.3	5.65	92.2	5.24
	60.0	56.0	136.2	6.77	131.3	6.60	123.9	6.33	118.3	6.09	112.6	5.84	106.4	5.53	100.3	5.25	92.2	4.87
60%	-21.6	-22.0	76.1	8.20	75.8	8.46	75.3	8.84	74.9	9.81	74.4	10.78	73.8	12.12	73.4	12.93	72.9	14.01
	-17.1	-17.5	88.4	9.17	88.0	9.42	87.4	9.81	86.8	10.78	86.2	11.75	85.4	12.70	84.7	12.67	83.7	12.63
	-12.6	-13.0	100.8	10.13	100.2	10.39	99.2	10.78	97.9	11.75	96.6	12.72	91.0	12.66	86.0	12.63	79.3	12.59
	-7.0	-7.6	116.6	11.30	112.6	11.55	106.6	11.94	101.6	12.30	96.6	12.66	91.0	12.62	86.0	12.59	79.3	12.55
	-4.0	-4.4	116.6	11.99	112.6	12.25	106.6	12.64	101.6	12.63	96.6	12.62	91.0	12.43	86.0	12.05	79.3	11.56
	0.0	-0.4	116.6	12.71	112.6	12.70	106.6	12.68	101.6	12.51	96.6	12.34	91.0	11.90	86.0	11.50	79.3	10.96
	5.0	4.5	116.6	12.67	112.6	12.65	106.6	12.62	101.6	12.14	96.6	11.65	91.0	11.21	86.0	10.81	79.3	10.28
	10.0	9.0	116.6	12.89	112.6	12.60	106.6	12.18	101.6	11.57	96.6	10.96	91.0	10.52	86.0	10.13	79.3	9.61
	15.0	14.0	116.6	12.29	112.6	11.93	106.6	11.41	101.6	10.84	96.6	10.28	91.0	9.85	86.0	9.46	79.3	8.95
	20.0	19.0	116.6	11.46	112.6	11.12	106.6	10.60	101.6	10.09	96.6	9.57	91.0	9.15	86.0	8.77	79.3	8.26
	25.0	23.0	116.6	10.66	112.6	10.32	106.6	9.82	101.6	9.35	96.6	8.88	91.0	8.46	86.0	8.08	79.3	7.59
	30.0	28.0	116.6	9.85	112.6	9.52	106.6	9.03	101.6	8.61	96.6	8.19	91.0	7.77	86.0	7.40	79.3	6.92
	35.0	32.0	116.6	9.04	112.6	8.72	106.6	8.24	101.6	7.87	96.6	7.50	91.0	7.08	86.0	6.72	79.3	6.24
	40.0	36.0	116.6	8.23	112.6	7.92	106.6	7.46	101.6	7.13	96.6	6.81	91.0	6.39	86.0	6.04	79.3	5.57
	45.0	41.0	116.6	7.45	112.6	7.15	106.6	6.70	101.6	6.42	96.6	6.14	91.0	5.73	86.0	5.38	79.3	4.92
	47.0	43.0	116.6	7.25	112.6	6.96	106.6	6.52	101.6	6.25	96.6	5.97	91.0	5.57	86.0	5.24	79.3	4.79
	50.0	46.0	116.6	6.99	112.6	6.70	106.6	6.28	101.6	6.02	96.6	5.75	91.0	5.37	86.0	5.05	79.3	4.62
	55.0	51.0	116.6	6.56	112.6	6.29	106.6	5.89	101.6	5.65	96.6	5.40	91.0	5.04	86.0	4.74	79.3	4.33
	60.0	56.0	116.6	6.10	112.6	5.85	106.6	5.48	101.6	5.25	96.6	5.02	91.0	4.69	86.0	4.40	79.3	4.03
50%	-21.6	-22.0	70.5	7.03	70.2	7.29	69.7	7.68	69.3	8.65	68.9	9.62	68.0	10.96	66.8	11.77	65.3	12.84
	-17.1	-17.5	81.8	8.00	81.5	8.26	80.9	8.65	79.3	9.62	77.7	10.58	74.8	11.53	71.8	11.49	67.9	11.42
	-12.6	-13.0	97.5	8.97	94.0	9.23	88.6	9.62	84.6	10.58	80.6	11.55	75.9	11.48	71.4	11.43	65.5	11.36
	-7.0	-7.6	97.5	10.13	94.0	10.39	88.6	10.78	84.6	11.13	80.6	11.49	75.9	11.19	71.4	10.64	65.5	9.91
	-4.0	-4.4	97.5	10.83	94.0	11.09	88.6	11.48	84.6	11.46	80.6	11.45	75.9	10.78	71.4	10.25	65.5	9.55
	0.0	-0.4	97.5	11.56	94.0	11.53	88.6	11.48	84.6	11.22	80.6	10.95	75.9	10.28	71.4	9.77	65.5	9.10
	5.0	4.5	97.5	11.78	94.0	11.47	88.6	11.01	84.6	10.65	80.6	10.28	75.9	9.65	71.4	9.17	65.5	8.53
	10.0	9.0	97.5	11.53	94.0	11.04	88.6	10.31	84.6	9.96	80.6	9.61	75.9	9.03	71.4	8.57	65.5	7.97
	15.0	14.0	97.5	10.75	94.0	10.30	88.6	9.62	84.6	9.29	80.6	8.95	75.9	8.41	71.4	7.98	65.5	7.41
	20.0	19.0	97.5	9.94	94.0	9.53	88.6	8.90	84.6	8.58	80.6	8.27	75.9	7.77	71.4	7.37	65.5	6.84
	25.0	23.0	97.5	9.15	94.0	8.77	88.6	8.19	84.6	7.90	80.6	7.60	75.9	7.15	71.4	6.77	65.5	6.27
	30.0	28.0	97.5	8.36	94.0	8.01	88.6	7.49	84.6	7.21	80.6	6.93	75.9	6.52	71.4	6.17	65.5	5.71
	35.0	32.0	97.5	7.57	94.0	7.25	88.6	6.78	84.6	6.52	80.6	6.26	75.9	5.89	71.4	5.57	65.5	5.14
	40.0	36.0	97.5	6.77	94.0	6.49	88.6	6.08	84.6	5.83	80.6	5.58	75.9	5.26	71.4	4.97	65.5	4.58
	45.0	41.0	97.5	6.01	94.0	5.77	88.6	5.40	84.6	5.17	80.6	4.94	75.9	4.66	71.4	4.40	65.5	4.04
	47.0	43.0	97.5	5.85	94.0	5.61	88.6	5.26	84.6	5.03	80.6	4.81	75.9	4.54	71.4	4.28	65.5	3.93
	50.0	46.0	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
	55.0	51.0	97.5	5.29	94.0	5.07	88.6	4.75	84.6	4.55	80.6	4.35	75.9	4.10	71.4	3.87	65.5	3.55
	60.0	56.0	97.5	4.92	94.0	4.72	88.6	4.42	84.6	4.23	80.6	4.04	75.9	3.82	71.4	3.60	65.5	3.30

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).

HEATING CAPACITY DATA



ARUM168CTE5

168,000 Btu/h 575V Outdoor Units

MULTI V 5 Outdoor Unit Performance Data Manual

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
	°F DB	°F WB	59		61		64		67		70		73		76		80	
			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%	-21.6	-22.0	98.9	6.64	98.5	7.56	97.9	8.93	97.3	10.23	96.7	11.53	95.9	13.19	95.4	14.14	94.8	15.40
	-17.1	-17.5	114.8	8.01	114.4	8.90	113.6	10.25	112.9	11.50	112.1	12.75	111.2	14.28	110.6	15.12	109.8	16.24
	-12.6	-13.0	135.6	9.37	134.1	10.25	131.9	11.56	130.4	12.77	129.0	13.98	127.9	15.36	127.3	16.10	126.4	17.08
	-7.0	-7.6	154.5	11.01	152.8	11.86	150.3	13.13	148.6	14.29	147.0	15.45	145.8	16.67	145.0	17.28	144.0	18.09
	-4.0	-4.4	165.9	11.99	164.0	12.82	161.3	14.08	159.5	15.20	157.8	16.33	156.5	17.45	155.7	17.98	154.6	18.70
	0.0	-0.4	179.9	13.20	177.9	14.02	175.0	15.25	173.0	16.33	171.1	17.42	169.7	18.41	168.8	18.86	167.7	19.45
	5.0	4.5	197.4	14.71	195.2	15.51	192.0	16.71	189.9	17.74	187.8	18.77	186.2	19.62	185.3	19.95	184.0	20.39
	10.0	9.0	214.9	16.23	212.6	17.00	209.1	18.16	206.7	19.15	204.4	20.13	202.8	20.82	201.7	21.04	200.4	21.32
	15.0	14.0	232.1	17.71	229.6	18.46	225.8	19.59	223.3	20.53	220.8	21.47	219.0	22.14	217.9	22.90	216.4	23.84
	20.0	19.0	248.5	19.26	246.4	19.99	243.2	21.08	240.3	21.46	237.4	21.85	229.9	21.42	217.0	20.96	199.7	20.36
	25.0	23.0	252.1	21.19	252.4	21.48	252.8	21.91	249.1	21.62	245.3	21.32	230.4	20.40	216.8	19.96	198.6	19.37
	30.0	28.0	252.4	21.96	252.4	21.89	252.4	21.79	248.8	21.03	245.3	20.26	230.4	19.39	216.8	18.96	198.6	18.37
	35.0	32.0	252.4	22.39	252.4	21.79	252.4	20.90	248.8	20.04	245.3	19.19	230.4	18.38	216.8	17.95	198.6	17.38
	40.0	36.0	252.4	21.48	252.4	20.68	252.4	19.49	248.8	18.80	245.3	18.12	230.4	17.37	216.8	16.95	198.6	16.38
	45.0	41.0	252.4	19.09	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	18.59	252.4	18.20	252.4	17.61	248.8	17.10	245.3	16.60	230.4	15.92	216.8	15.52	198.6	14.98
	50.0	46.0	252.4	17.90	252.4	17.52	252.4	16.96	248.8	16.47	245.3	15.99	230.4	15.33	216.8	14.94	198.6	14.43
	55.0	51.0	252.4	16.80	252.4	16.45	252.4	15.92	248.8	15.46	245.3	15.01	230.4	14.39	216.8	14.03	198.6	13.54
	60.0	56.0	252.4	15.62	252.4	15.30	252.4	14.80	248.8	14.38	245.3	13.95	230.4	13.38	216.8	13.04	198.6	12.59
120%	-21.6	-22.0	98.2	8.18	97.8	8.87	97.2	9.90	96.6	10.80	96.0	11.69	95.3	12.27	94.8	12.40	94.1	12.57
	-17.1	-17.5	114.0	9.47	113.5	10.15	112.8	11.18	112.1	12.08	111.3	12.98	110.4	13.55	109.8	13.68	109.1	13.85
	-12.6	-13.0	132.1	10.75	131.3	11.44	130.0	12.47	129.0	13.36	128.0	14.26	127.0	14.84	126.4	14.97	125.5	15.14
	-7.0	-7.6	152.5	12.29	151.1	12.98	148.9	14.01	147.4	14.91	145.9	15.80	144.7	16.38	144.0	16.51	143.0	16.68
	-4.0	-4.4	163.7	13.22	162.2	13.90	159.8	14.93	158.2	15.83	156.6	16.73	155.4	17.30	154.6	17.43	153.5	17.60
	0.0	-0.4	177.5	14.36	175.9	15.05	173.3	16.07	171.6	16.97	169.9	17.87	168.5	18.44	167.6	18.57	166.5	18.74
	5.0	4.5	194.8	15.79	193.0	16.47	190.2	17.50	188.3	18.40	186.4	19.30	184.9	19.87	184.0	20.00	182.7	20.17
	10.0	9.0	212.1	17.21	210.1	17.90	207.1	18.93	205.0	19.83	203.0	20.72	201.3	21.30	200.3	21.43	198.9	21.60
	15.0	14.0	229.1	18.61	226.9	19.30	223.7	20.32	221.4	21.22	219.2	22.12	217.7	22.59	204.6	22.49	192.4	22.36
	20.0	19.0	245.9	20.07	243.7	20.75	240.3	21.78	235.2	21.85	230.0	21.92	216.7	21.51	203.5	21.39	185.9	21.23
	25.0	23.0	252.1	22.21	250.3	22.18	247.7	22.14	238.8	21.49	230.0	20.83	216.7	20.45	203.5	20.31	185.9	20.11
	30.0	28.0	252.1	22.25	250.3	21.71	247.7	20.89	238.8	20.32	230.0	19.75	216.7	19.40	203.5	19.22	185.9	19.00
	35.0	32.0	252.1	20.81	250.3	20.34	247.7	19.64	238.8	19.15	230.0	18.66	216.7	18.34	203.5	18.14	185.9	17.88
	40.0	36.0	252.1	19.37	250.3	18.98	247.7	18.39	238.8	17.98	230.0	17.58	216.7	17.28	203.5	17.06	185.9	16.76
	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	15.65
	47.0	43.0	252.1	17.47	250.3	17.16	247.7	16.70	238.8	16.37	230.0	16.05	216.7	15.79	203.5	15.55	185.9	15.24
	50.0	46.0	252.1	16.83	250.3	16.53	247.7	16.08	238.8	15.77	230.0	15.46	216.7	15.21	203.5	14.98	185.9	14.68
	55.0	51.0	252.1	15.79	250.3	15.51	247.7	15.09	238.8	14.80	230.0	14.51	216.7	14.27	203.5	14.06	185.9	13.78
	60.0	56.0	252.1	14.69	250.3	14.43	247.7	14.03	238.8	13.77	230.0	13.50	216.7	13.28	203.5	13.08	185.9	12.81
110%	-21.6	-22.0	97.7	10.41	97.3	10.92	96.7	11.69	96.1	12.54	95.5	13.39	94.7	14.97	94.3	16.25	93.6	17.96
	-17.1	-17.5	113.4	11.69	112.9	12.21	112.2	12.98	111.4	13.83	110.7	14.67	109.8	16.25	109.2	17.53	108.5	19.25
	-12.6	-13.0	129.5	12.98	129.1	13.49	128.6	14.26	128.0	15.11	127.4	15.96	126.3	17.53	125.7	18.82	124.8	20.53
	-7.0	-7.6	148.6	14.52	147.9	15.03	146.9	15.80	146.0	16.65	145.1	17.50	143.9	19.07	143.2	20.36	142.2	22.07
	-4.0	-4.4	160.2	15.44	159.2	15.96	157.7	16.73	156.8	17.58	155.8	18.42	154.5	20.00	153.7	21.28	152.7	23.00
	0.0	-0.4	174.4	16.59	173.1	17.10	171.2	17.87	170.1	18.72	169.0	19.57	167.6	21.14	166.7	22.42	165.6	24.14
	5.0	4.5	192.2	18.01	190.5	18.53	188.1	19.30	186.7	20.14	185.4	20.99	182.9	22.11	179.9	22.41	175.8	22.81
	10.0	9.0	210.0	19.44	208.0	19.95	204.9	20.72	203.4	21.57	201.9	22.42	193.4	22.13	183.8	21.71	171.0	21.16
	15.0	14.0	227.4	20.84	225.0	21.35	221.4	22.12	214.0	22.07	206.5	22.02	194.4	21.43	183.4	20.75	168.7	19.84
	20.0	19.0	249.5	22.82	240.7	22.56	227.5	22.17	217.0	21.61	206.5	21.04	194.4	20.39	183.4	19.76	168.7	18.91
	25.0	23.0	249.5	22.42	240.7	21.95	227.5	21.23	217.0	20.60	206.5	19.97	194.4	19.37	183.4	18.78	168.7	18.00
	30.0	28.0	249.5	21.27	240.7	20.73	227.5	19.93	217.0	19.41	206.5	18.89	194.4	18.35	183.4	17.81	168.7	17.09
	35.0	32.0	249.5	19.65	240.7	19.24	227.5	18.63	217.0	18.22	206.5	17.82	194.4	17.33	183.4	16.84	168.7	16.18
	40.0	36.0	249.5	18.03	240.7	17.75	227.5	17.33	217.0	17.04	206.5	16.74	194.4	16.31	183.4	15.86	168.7	15.27
	45.0	41.0	249.5	16.45	240.7	16.29	227.5	16.05	217.0	15.86	206.5	15.67	194.4	15.29	183.4	14.89	168.7	14.36
	47.0	43.0	249.5	16.02	240.7	15.86	227.5	15.62	217.0	15.44	206.5	15.26	194.4	14.88	183.4	14.49	168.7	13.98
	50.0	46.0	249.5	15.43	240.7	15.27	227.5	15.04	217.0	14.87	206.5	14.70	194.4	14.33	183.4	13.96	168.7	13.46
	55.0	51.0	249.5	14.48	240.7	14.34	227.5	14.12	217.0	13.96	206.5	13.79	194.4	13.45	183.4	13.10	168.7	12.63
	60.0	56.0	249.5	13.47	240.7	13.33	227.5	13.13	217.0	12.98	206.5	12.83	194.4	12.51	183.4	12.18	168.7	11.75

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 70°F dry bulb (DB) and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
	°F DB	°F WB	59		61		64		67		70		73		76		80	
			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%	-21.6	-22.0	97.3	8.47	96.9	9.69	96.3	11.51	95.7	12.75	95.1	14.00	94.4	15.73	93.9	16.80	93.2	18.23
	-17.1	-17.5	112.9	10.19	112.5	11.20	111.8	12.71	111.0	13.97	110.2	15.23	109.3	17.00	108.8	18.03	108.0	19.40
	-12.6	-13.0	128.6	11.83	128.0	12.71	127.2	14.03	127.0	15.25	126.8	16.47	125.8	18.26	125.2	19.25	124.3	20.58
	-7.0	-7.6	147.4	13.80	146.8	14.52	145.8	15.62	145.2	16.78	144.5	17.95	143.4	19.78	142.6	20.72	141.7	21.99
	-4.0	-4.4	158.6	14.97	158.0	15.61	157.0	16.57	156.1	17.70	155.2	18.84	153.9	20.69	153.1	21.61	152.1	22.83
	0.0	-0.4	172.1	16.43	171.4	16.95	170.3	17.74	169.3	18.84	168.3	19.94	166.5	21.60	164.7	22.03	162.4	22.60
	5.0	4.5	188.9	18.25	188.1	18.63	186.9	19.21	184.8	20.26	182.8	21.31	175.5	21.85	168.4	21.78	158.9	21.69
	10.0	9.0	203.4	20.07	201.0	20.31	197.3	20.68	193.2	21.28	189.0	21.88	177.9	21.52	167.5	21.01	153.6	20.31
	15.0	14.0	219.6	21.99	214.8	21.96	207.7	21.91	198.4	21.76	189.0	21.62	177.9	20.49	167.5	19.87	153.6	19.04
	20.0	19.0	228.6	22.08	220.2	21.85	207.7	21.51	198.4	20.95	189.0	20.39	177.9	19.31	167.5	18.72	153.6	17.93
	25.0	23.0	228.6	22.11	220.2	21.20	207.7	19.85	198.4	19.51	189.0	19.18	177.9	18.15	167.5	17.59	153.6	16.84
	30.0	28.0	228.6	20.60	220.2	19.84	207.7	18.70	198.4	18.33	189.0	17.97	177.9	16.99	167.5	16.46	153.6	15.75
	35.0	32.0	228.6	19.09	220.2	18.47	207.7	17.56	198.4	17.16	189.0	16.76	177.9	15.83	167.5	15.33	153.6	14.67
	40.0	36.0	228.6	17.58	220.2	17.11	207.7	16.41	198.4	15.98	189.0	15.55	177.9	14.67	167.5	14.21	153.6	13.58
	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	12.51
	47.0	43.0	228.6	15.68	220.2	15.35	207.7	14.87	198.4	14.43	189.0	13.98	177.9	13.18	167.5	12.75	153.6	12.18
	50.0	46.0	228.6	15.10	220.2	14.79	207.7	14.32	198.4	13.89	189.0	13.46	177.9	12.69	167.5	12.28	153.6	11.73
	55.0	51.0	228.6	14.17	220.2	13.88	207.7	13.44	198.4	13.04	189.0	12.64	177.9	11.91	167.5	11.53	153.6	11.01
	60.0	56.0	228.6	13.18	220.2	12.91	207.7	12.50	198.4	12.13	189.0	11.75	177.9	11.08	167.5	10.72	153.6	10.24
90%	-21.6	-22.0	96.9	10.92	96.5	11.57	95.9	12.55	95.3	13.86	94.7	15.17	94.0	16.08	93.5	16.94	92.8	18.08
	-17.1	-17.5	112.5	12.20	112.0	12.85	111.3	13.83	110.5	15.14	109.8	16.45	108.9	17.36	108.3	18.22	107.6	19.36
	-12.6	-13.0	128.1	13.49	127.5	14.14	126.7	15.12	126.5	16.42	126.3	17.73	125.3	18.65	124.6	19.50	123.8	20.65
	-7.0	-7.6	146.8	15.03	146.2	15.68	145.2	16.66	144.6	17.97	143.9	19.28	142.8	20.19	142.0	21.05	141.1	22.19
	-4.0	-4.4	158.0	15.95	157.3	16.60	156.3	17.58	155.4	18.89	154.5	20.20	153.3	20.73	152.5	20.75	151.4	20.79
	0.0	-0.4	171.4	17.10	170.7	17.75	169.6	18.72	168.4	19.76	167.2	20.79	160.7	20.72	153.8	20.64	144.5	20.54
	5.0	4.5	189.6	18.52	187.3	19.17	183.8	20.15	178.4	20.43	173.1	20.71	162.9	20.41	153.0	19.86	139.7	19.13
	10.0	9.0	207.2	20.49	200.2	20.60	189.8	20.76	181.4	20.70	173.1	20.63	162.9	19.65	153.0	18.77	139.7	17.60
	15.0	14.0	209.6	20.77	201.7	20.72	189.8	20.66	181.4	20.18	173.1	19.71	162.9	18.64	153.0	17.80	139.7	16.68
	20.0	19.0	209.6	20.89	201.7	20.47	189.8	19.84	181.4	19.22	173.1	18.59	162.9	17.59	153.0	16.79	139.7	15.72
	25.0	23.0	209.6	19.65	201.7	19.26	189.8	18.66	181.4	18.08	173.1	17.50	162.9	16.56	153.0	15.80	139.7	14.78
	30.0	28.0	209.6	18.41	201.7	18.04	189.8	17.48	181.4	16.94	173.1	16.40	162.9	15.53	153.0	14.81	139.7	13.84
	35.0	32.0	209.6	17.17	201.7	16.83	189.8	16.31	181.4	15.81	173.1	15.31	162.9	14.50	153.0	13.82	139.7	12.91
	40.0	36.0	209.6	15.93	201.7	15.61	189.8	15.13	181.4	14.67	173.1	14.21	162.9	13.47	153.0	12.83	139.7	11.97
	45.0	41.0	209.6	14.71	201.7	14.41	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	14.32	201.7	14.03	189.8	13.60	181.4	13.19	173.1	12.78	162.9	12.13	153.0	11.54	139.7	10.75
	50.0	46.0	209.6	13.79	201.7	13.51	189.8	13.10	181.4	12.70	173.1	12.31	162.9	11.68	153.0	11.11	139.7	10.36
	55.0	51.0	209.6	12.94	201.7	12.68	189.8	12.29	181.4	11.92	173.1	11.56	162.9	10.96	153.0	10.43	139.7	9.72
	60.0	56.0	209.6	12.04	201.7	11.80	189.8	11.43	181.4	11.09	173.1	10.75	162.9	10.20	153.0	9.70	139.7	9.04
80%	-21.6	-22.0	96.5	11.01	96.1	11.73	95.5	12.81	94.9	13.58	94.3	14.35	93.6	16.39	93.1	17.46	92.5	18.89
	-17.1	-17.5	112.0	12.29	111.5	13.01	110.8	14.09	110.1	14.86	109.3	15.63	108.4	17.67	107.9	18.74	107.1	20.17
	-12.6	-13.0	127.5	13.58	127.0	14.30	126.2	15.38	125.6	16.15	124.9	16.92	124.3	18.44	124.3	18.40	124.3	18.34
	-7.0	-7.6	146.2	15.12	145.6	15.84	144.6	16.92	144.0	17.69	143.3	18.46	141.2	18.37	138.3	18.33	134.4	18.28
	-4.0	-4.4	157.3	16.04	156.7	16.76	155.7	17.84	154.8	18.13	153.9	18.42	145.0	18.34	136.9	18.30	126.1	18.25
	0.0	-0.4	172.3	17.55	170.0	17.91	166.4	18.44	160.7	18.41	155.0	18.37	145.4	18.17	136.7	17.89	125.2	17.51
	5.0	4.5	184.5	18.45	178.8	18.42	170.2	18.38	162.6	18.35	155.0	18.31	145.4	17.50	136.7	16.96	125.2	16.25
	10.0	9.0	187.5	18.38	180.6	18.36	170.2	18.33	162.6	18.05	155.0	17.77	145.4	16.62	136.7	16.11	125.2	15.42
	15.0	14.0	187.5	18.39	180.6	18.30	170.2	18.17	162.6	17.50	155.0	16.84	145.4	15.77	136.7	15.27	125.2	14.60
	20.0	19.0	187.5	17.90	180.6	17.58	170.2	17.11	162.6	16.48	155.0	15.86	145.4	14.88	136.7	14.40	125.2	13.75
	25.0	23.0	187.5	16.82	180.6	16.52	170.2	16.07	162.6	15.48	155.0	14.90	145.4	14.01	136.7	13.54	125.2	12.92
	30.0	28.0	187.5	15.74	180.6	15.45	170.2	15.02	162.6	14.48	155.0	13.94	145.4	13.14	136.7	12.68	125.2	12.08
	35.0	32.0	187.5	14.65	180.6	14.39	170.2	13.98	162.6	13.48	155.0	12.98	145.4	12.26	136.7	11.83	125.2	11.25
	40.0	36.0	187.5	13.57	180.6	13.32	170.2	12.94	162.6	12.48	155.0	12.03	145.4	11.39	136.7	10.97	125.2	10.41
	45.0	41.0	187.5	12.51	180.6	12.28	170.2	11.92	162.6	11.50	155.0	11.09	145.4	10.53	136.7	10.13	125.2	9.59
	47.0	43.0	187.5	12.18	180.6	11.95	170.2	11.60	162.6	11.20	155.0	10.79	145.4	10.25	136.7	9.86	125.2	9.34
	50.0	46.0	187.5	11.73	180.6	11.51	170.2	11.18	162.6	10.79	155.0	10.39	145.4	9.88	136.7	9.50	125.2	8.99
	55.0	51.0	187.5	11.01	180.6	10.80	170.2	10.49	162.6	10.12	155.0	9.76	145.4	9.27	136.7	8.91	125.2	8.44
	60.0	56.0	187.5	10.24	180.6	10.05	170.2	9.75	162.6	9.41	155.0	9.07	145.4	8.62	136.7	8.29	125.2	7.85

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).

HEATING CAPACITY DATA



ARUM168CTE5

168,000 Btu/h 575V Outdoor 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%	-21.6	-22.0	95.9	11.80	95.5	12.14	94.9	12.66	94.4	13.94	93.8	15.22	93.0	17.01	92.6	18.08	91.9	19.51
	-17.1	-17.5	111.4	13.08	110.9	13.43	110.2	13.94	109.4	15.22	108.7	16.51	107.8	17.78	107.2	17.74	106.5	17.69
	-12.6	-13.0	126.8	14.37	126.3	14.71	125.5	15.22	124.8	16.51	124.2	17.79	121.8	17.73	117.9	17.70	112.7	17.66
	-7.0	-7.6	144.8	15.91	144.7	16.25	144.6	16.77	138.0	17.25	131.4	17.73	124.2	17.67	117.0	17.65	107.5	17.62
	-4.0	-4.4	157.4	16.83	152.3	17.18	144.6	17.69	138.0	17.69	131.4	17.69	124.2	17.64	117.0	17.62	107.5	17.60
	0.0	-0.4	158.8	17.79	153.1	17.75	144.6	17.70	138.0	17.67	131.4	17.65	124.2	17.16	117.0	16.87	107.5	16.49
	5.0	4.5	158.8	17.68	153.1	17.64	144.6	17.58	138.0	17.31	131.4	17.04	124.2	16.25	117.0	15.94	107.5	15.53
	10.0	9.0	158.8	17.58	153.1	17.53	144.6	17.45	138.0	16.77	131.4	16.09	124.2	15.33	117.0	15.01	107.5	14.58
	15.0	14.0	158.8	17.81	153.1	17.31	144.6	16.56	138.0	15.86	131.4	15.16	124.2	14.44	117.0	14.09	107.5	13.64
	20.0	19.0	158.8	16.65	153.1	16.18	144.6	15.49	138.0	14.84	131.4	14.19	124.2	13.51	117.0	13.14	107.5	12.66
	25.0	23.0	158.8	15.51	153.1	15.08	144.6	14.44	138.0	13.84	131.4	13.24	124.2	12.59	117.0	12.21	107.5	11.70
	30.0	28.0	158.8	14.37	153.1	13.97	144.6	13.38	138.0	12.84	131.4	12.29	124.2	11.68	117.0	11.28	107.5	10.74
	35.0	32.0	158.8	13.22	153.1	12.87	144.6	12.33	138.0	11.84	131.4	11.34	124.2	10.77	117.0	10.35	107.5	9.78
	40.0	36.0	158.8	12.08	153.1	11.76	144.6	11.28	138.0	10.84	131.4	10.39	124.2	9.86	117.0	9.41	107.5	8.82
	45.0	41.0	158.8	10.98	153.1	10.69	144.6	10.26	138.0	9.86	131.4	9.47	124.2	8.97	117.0	8.51	107.5	7.90
	47.0	43.0	158.8	10.68	153.1	10.41	144.6	9.99	138.0	9.60	131.4	9.22	124.2	8.73	117.0	8.28	107.5	7.69
	50.0	46.0	158.8	10.29	153.1	10.02	144.6	9.62	138.0	9.25	131.4	8.88	124.2	8.41	117.0	7.98	107.5	7.41
	55.0	51.0	158.8	9.66	153.1	9.41	144.6	9.03	138.0	8.68	131.4	8.33	124.2	7.89	117.0	7.49	107.5	6.95
	60.0	56.0	158.8	8.98	153.1	8.75	144.6	8.40	138.0	8.07	131.4	7.75	124.2	7.34	117.0	6.96	107.5	6.47
60%	-21.6	-22.0	88.8	10.87	88.4	11.22	87.9	11.73	87.3	13.01	86.8	14.30	86.1	16.08	85.7	17.15	85.1	18.58
	-17.1	-17.5	103.1	12.16	102.7	12.50	102.0	13.01	101.3	14.30	100.6	15.58	99.6	16.85	98.8	16.81	97.7	16.75
	-12.6	-13.0	117.7	13.44	116.9	13.78	115.7	14.30	114.2	15.58	112.7	16.87	106.1	16.79	100.3	16.76	92.5	16.70
	-7.0	-7.6	136.0	14.98	131.4	15.33	124.4	15.84	118.6	16.31	112.7	16.79	106.1	16.73	100.3	16.70	92.5	16.65
	-4.0	-4.4	136.0	15.91	131.4	16.25	124.4	16.76	118.6	16.75	112.7	16.74	106.1	16.48	100.3	15.99	92.5	15.33
	0.0	-0.4	136.0	16.86	131.4	16.84	124.4	16.81	118.6	16.59	112.7	16.37	106.1	15.79	100.3	15.25	92.5	14.53
	5.0	4.5	136.0	16.81	131.4	16.78	124.4	16.74	118.6	16.10	112.7	15.45	106.1	14.87	100.3	14.34	92.5	13.64
	10.0	9.0	136.0	17.09	131.4	16.72	124.4	16.15	118.6	15.34	112.7	14.53	106.1	13.96	100.3	13.44	92.5	12.75
	15.0	14.0	136.0	16.30	131.4	15.83	124.4	15.13	118.6	14.38	112.7	13.63	106.1	13.06	100.3	12.55	92.5	11.87
	20.0	19.0	136.0	15.20	131.4	14.75	124.4	14.06	118.6	13.38	112.7	12.70	106.1	12.13	100.3	11.63	92.5	10.96
	25.0	23.0	136.0	14.13	131.4	13.69	124.4	13.02	118.6	12.40	112.7	11.78	106.1	11.22	100.3	10.72	92.5	10.07
	30.0	28.0	136.0	13.06	131.4	12.63	124.4	11.98	118.6	11.42	112.7	10.86	106.1	10.30	100.3	9.82	92.5	9.17
	35.0	32.0	136.0	11.99	131.4	11.57	124.4	10.93	118.6	10.44	112.7	9.94	106.1	9.39	100.3	8.91	92.5	8.28
	40.0	36.0	136.0	10.92	131.4	10.51	124.4	9.89	118.6	9.46	112.7	9.03	106.1	8.48	100.3	8.01	92.5	7.39
	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	7.59	100.3	7.14	92.5	6.53
	47.0	43.0	136.0	9.62	131.4	9.23	124.4	8.65	118.6	8.28	112.7	7.92	106.1	7.39	100.3	6.95	92.5	6.36
	50.0	46.0	136.0	9.27	131.4	8.89	124.4	8.33	118.6	7.98	112.7	7.63	106.1	7.12	100.3	6.69	92.5	6.12
	55.0	51.0	136.0	8.70	131.4	8.34	124.4	7.82	118.6	7.49	112.7	7.16	106.1	6.68	100.3	6.28	92.5	5.75
	60.0	56.0	136.0	8.09	131.4	7.76	124.4	7.27	118.6	6.96	112.7	6.66	106.1	6.21	100.3	5.84	92.5	5.34
50%	-21.6	-22.0	82.2	9.33	81.9	9.67	81.3	10.19	80.9	11.47	80.4	12.76	79.3	14.54	78.0	15.61	76.2	17.04
	-17.1	-17.5	95.4	10.61	95.0	10.96	94.4	11.47	92.6	12.76	90.7	14.04	87.3	15.30	83.8	15.23	79.2	15.15
	-12.6	-13.0	113.8	11.90	109.6	12.24	103.4	12.76	98.7	14.04	94.1	15.32	88.5	15.23	83.4	15.16	76.4	15.07
	-7.0	-7.6	113.8	13.44	109.6	13.78	103.4	14.30	98.7	14.77	94.1	15.24	88.5	14.84	83.4	14.11	76.4	13.15
	-4.0	-4.4	113.8	14.36	109.6	14.71	103.4	15.22	98.7	15.20	94.1	15.18	88.5	14.30	83.4	13.60	76.4	12.66
	0.0	-0.4	113.8	15.34	109.6	15.29	103.4	15.23	98.7	14.88	94.1	14.53	88.5	13.64	83.4	12.96	76.4	12.06
	5.0	4.5	113.8	15.62	109.6	15.22	103.4	14.61	98.7	14.12	94.1	13.64	88.5	12.80	83.4	12.17	76.4	11.32
	10.0	9.0	113.8	15.29	109.6	14.64	103.4	13.67	98.7	13.21	94.1	12.75	88.5	11.97	83.4	11.37	76.4	10.57
	15.0	14.0	113.8	14.26	109.6	13.66	103.4	12.75	98.7	12.32	94.1	11.88	88.5	11.16	83.4	10.59	76.4	9.83
	20.0	19.0	113.8	13.19	109.6	12.63	103.4	11.80	98.7	11.38	94.1	10.97	88.5	10.31	83.4	9.78	76.4	9.07
	25.0	23.0	113.8	12.14	109.6	11.63	103.4	10.87	98.7	10.47	94.1	10.08	88.5	9.48	83.4	8.98	76.4	8.32
	30.0	28.0	113.8	11.09	109.6	10.62	103.4	9.93	98.7	9.56	94.1	9.19	88.5	8.65	83.4	8.19	76.4	7.57
	35.0	32.0	113.8	10.03	109.6	9.62	103.4	9.00	98.7	8.65	94.1	8.30	88.5	7.81	83.4	7.39	76.4	6.82
	40.0	36.0	113.8	8.98	109.6	8.61	103.4	8.06	98.7	7.73	94.1	7.41	88.5	6.98	83.4	6.59	76.4	6.07
	45.0	41.0	113.8	7.97	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	7.76	109.6	7.45	103.4	6.97	98.7	6.68	94.1	6.38	88.5	6.02	83.4	5.68	76.4	5.21
	50.0	46.0	113.8	7.48	109.6	7.17	103.4	6.72	98.7	6.43	94.1	6.14	88.5	5.80	83.4	5.47	76.4	5.02
	55.0	51.0	113.8	7.02	109.6	6.73	103.4	6.30	98.7	6.03	94.1	5.77	88.5	5.44	83.4	5.13	76.4	4.71
	60.0	56.0	113.8	6.53	109.6	6.26	103.4	5.86	98.7	5.61	94.1	5.36	88.5	5.06	83.4	4.77	76.4	4.38

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 70°F dry bulb (DB) and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

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%	-21.6	-22.0	113.0	7.35	112.6	8.36	111.9	9.88	111.2	11.31	110.5	12.75	109.6	14.59	109.1	15.64	108.3	17.03
	-17.1	-17.5	131.2	8.85	130.7	9.84	129.9	11.33	129.0	12.72	128.1	14.10	127.0	15.79	126.4	16.72	125.5	17.96
	-12.6	-13.0	154.9	10.36	153.3	11.33	150.7	12.78	149.1	14.12	147.4	15.46	146.2	16.99	145.4	17.81	144.5	18.89
	-7.0	-7.6	176.6	12.17	174.6	13.11	171.8	14.52	169.9	15.80	168.0	17.08	166.6	18.43	165.7	19.11	164.6	20.01
	-4.0	-4.4	189.5	13.26	187.5	14.18	184.4	15.57	182.3	16.81	180.3	18.06	178.8	19.29	177.9	19.89	176.7	20.68
	0.0	-0.4	205.6	14.60	203.3	15.50	200.0	16.86	197.8	18.06	195.5	19.26	193.9	20.36	193.0	20.85	191.6	21.51
	5.0	4.5	225.6	16.27	223.1	17.15	219.4	18.47	217.0	19.62	214.6	20.76	212.8	21.69	211.8	22.06	210.3	22.54
	10.0	9.0	245.6	17.95	242.9	18.80	238.9	20.09	236.3	21.18	233.6	22.27	231.7	23.03	230.6	23.26	229.0	23.58
	15.0	14.0	265.2	19.59	262.4	20.42	258.0	21.67	255.2	22.70	252.3	23.74	250.3	24.26	249.0	24.22	247.3	24.16
	20.0	19.0	284.0	21.30	281.5	22.10	277.9	23.31	274.6	23.74	271.3	24.16	267.7	23.68	268.0	23.18	268.3	22.52
	25.0	23.0	288.1	23.44	288.4	23.75	288.9	24.23	284.7	23.90	280.4	23.58	263.3	22.56	247.8	22.07	227.0	21.42
	30.0	28.0	288.4	24.28	288.4	24.21	288.4	24.10	284.4	23.25	280.4	22.40	263.3	21.45	247.8	20.96	227.0	20.32
	35.0	32.0	288.4	24.76	288.4	24.10	288.4	23.11	284.4	22.17	280.4	21.22	263.3	20.33	247.8	19.85	227.0	19.22
	40.0	36.0	288.4	23.75	288.4	22.87	288.4	21.55	284.4	20.80	280.4	20.04	263.3	19.21	247.8	18.74	227.0	18.12
	45.0	41.0	288.4	21.11	288.4	20.67	288.4	20.00	284.4	19.43	280.4	18.86	263.3	18.08	247.8	17.63	227.0	17.02
	47.0	43.0	288.4	20.55	288.4	20.12	288.4	19.47	284.4	18.91	280.4	18.36	263.3	17.60	247.8	17.16	227.0	16.56
	50.0	46.0	288.4	19.80	288.4	19.38	288.4	18.75	284.4	18.22	280.4	17.68	263.3	16.95	247.8	16.52	227.0	15.95
	55.0	51.0	288.4	18.58	288.4	18.19	288.4	17.60	284.4	17.10	280.4	16.59	263.3	15.91	247.8	15.51	227.0	14.97
	60.0	56.0	288.4	17.28	288.4	16.92	288.4	16.37	284.4	15.90	280.4	15.43	263.3	14.80	247.8	14.42	227.0	13.92
120%	-21.6	-22.0	112.2	9.05	111.8	9.81	111.1	10.94	110.4	11.94	109.8	12.93	108.9	13.57	108.3	13.71	107.6	13.90
	-17.1	-17.5	130.3	10.47	129.8	11.23	129.0	12.36	128.1	13.36	127.2	14.35	126.1	14.99	125.5	15.13	124.6	15.32
	-12.6	-13.0	151.0	11.89	150.0	12.65	148.6	13.79	147.5	14.78	146.3	15.77	145.2	16.41	144.4	16.55	143.4	16.74
	-7.0	-7.6	174.3	13.60	172.6	14.35	170.2	15.49	168.5	16.48	166.8	17.48	165.4	18.11	164.6	18.25	163.4	18.44
	-4.0	-4.4	187.1	14.62	185.3	15.38	182.7	16.51	180.8	17.51	179.0	18.50	177.6	19.13	176.7	19.28	175.5	19.47
	0.0	-0.4	202.9	15.88	201.0	16.64	198.1	17.77	196.1	18.77	194.1	19.76	192.6	20.40	191.6	20.54	190.3	20.73
	5.0	4.5	222.7	17.46	220.6	18.22	217.4	19.35	215.2	20.35	213.1	21.34	211.3	21.97	210.3	22.12	208.8	22.31
	10.0	9.0	242.4	19.04	240.1	19.79	236.7	20.93	234.3	21.92	232.0	22.92	230.1	23.55	228.9	23.69	227.4	23.88
	15.0	14.0	261.8	20.58	259.3	21.34	255.6	22.48	253.1	23.47	250.5	24.46	244.2	24.98	233.8	24.88	219.9	24.73
	20.0	19.0	281.0	22.19	278.5	22.95	274.7	24.09	268.8	24.16	262.9	24.24	247.7	23.79	232.5	23.65	212.4	23.47
	25.0	23.0	288.1	24.56	286.1	24.53	283.1	24.48	273.0	23.76	262.9	23.04	247.7	22.62	232.5	22.46	212.4	22.24
	30.0	28.0	288.1	24.61	286.1	24.01	283.1	23.10	273.0	22.47	262.9	21.84	247.7	21.45	232.5	21.26	212.4	21.01
	35.0	32.0	288.1	23.01	286.1	22.50	283.1	21.72	273.0	21.18	262.9	20.64	247.7	20.28	232.5	20.06	212.4	19.77
	40.0	36.0	288.1	21.42	286.1	20.99	283.1	20.34	273.0	19.89	262.9	19.44	247.7	19.11	232.5	18.87	212.4	18.54
	45.0	41.0	288.1	19.85	286.1	19.49	283.1	18.97	273.0	18.60	262.9	18.24	247.7	17.94	232.5	17.67	212.4	17.31
	47.0	43.0	288.1	19.32	286.1	18.98	283.1	18.46	273.0	18.11	262.9	17.75	247.7	17.46	232.5	17.20	212.4	16.85
	50.0	46.0	288.1	18.61	286.1	18.28	283.1	17.78	273.0	17.44	262.9	17.10	247.7	16.82	232.5	16.57	212.4	16.23
	55.0	51.0	288.1	17.46	286.1	17.15	283.1	16.69	273.0	16.37	262.9	16.05	247.7	15.79	232.5	15.55	212.4	15.23
	60.0	56.0	288.1	16.24	286.1	15.95	283.1	15.52	273.0	15.22	262.9	14.92	247.7	14.68	232.5	14.46	212.4	14.17
110%	-21.6	-22.0	111.6	11.51	111.2	12.08	110.5	12.93	109.8	13.87	109.2	14.81	108.3	16.55	107.7	17.97	107.0	19.86
	-17.1	-17.5	129.6	12.93	129.1	13.50	128.3	14.35	127.4	15.29	126.5	16.23	125.5	17.97	124.8	19.39	124.0	21.28
	-12.6	-13.0	148.0	14.35	147.6	14.92	147.0	15.77	146.3	16.71	145.5	17.65	144.4	19.39	143.6	20.81	142.6	22.70
	-7.0	-7.6	169.9	16.06	169.1	16.63	167.9	17.48	166.9	18.41	165.9	19.35	164.5	21.09	163.7	22.51	162.6	24.41
	-4.0	-4.4	183.1	17.08	182.0	17.65	180.3	18.50	179.2	19.44	178.0	20.37	176.6	22.12	175.7	23.54	174.5	25.43
	0.0	-0.4	199.4	18.34	197.9	18.91	195.7	19.76	194.4	20.70	193.1	21.64	191.5	23.38	190.6	24.80	189.3	26.69
	5.0	4.5	219.7	19.92	217.8	20.49	214.9	21.34	213.4	22.28	211.9	23.21	209.1	24.45	205.5	24.78	200.9	25.22
	10.0	9.0	240.0	21.50	237.7	22.07	234.2	22.92	232.4	23.86	230.7	24.79	221.0	24.47	210.0	24.01	195.4	23.40
	15.0	14.0	259.9	23.04	257.2	23.61	253.0	24.46	244.5	24.41	236.0	24.35	222.2	23.70	209.6	22.95	192.8	21.94
	20.0	19.0	285.1	25.24	275.1	24.95	260.0	24.52	248.0	23.89	236.0	23.27	222.2	22.55	209.6	21.85	192.8	20.92
	25.0	23.0	285.1	24.80	275.1	24.27	260.0	23.48	248.0	22.78	236.0	22.08	222.2	21.42	209.6	20.77	192.8	19.91
	30.0	28.0	285.1	23.52	275.1	22.93	260.0	22.04	248.0	21.47	236.0	20.89	222.2	20.29	209.6	19.70	192.8	18.90
	35.0	32.0	285.1	21.73	275.1	21.28	260.0	20.60	248.0	20.15	236.0	19.71	222.2	19.16	209.6	18.62	192.8	17.90
	40.0	36.0	285.1	19.94	275.1	19.63	260.0	19.16	248.0	18.84	236.0	18.52	222.2	18.03	209.6	17.54	192.8	16.89
	45.0	41.0	285.1	18.20	275.1	18.02	260.0	17.75	248.0	17.54	236.0	17.33	222.2	16.91	209.6	16.46	192.8	15.88
	47.0	43.0	285.1	17.71	275.1	17.54	260.0	17.27	248.0	17.07	236.0	16.87	222.2	16.46	209.6	16.03	192.8	15.46
	50.0	46.0	285.1	17.06	275.1	16.89	260.0	16.64	248.0	16.44	236.0	16.25	222.2	15.85	209.6	15.44	192.8	14.89
	55.0	51.0	285.1	16.01	275.1	15.85	260.0	15.62	248.0	15.43	236.0	15.25	222.2	14.88	209.6	14.49	192.8	13.97
	60.0	56.0	285.1	14.89	275.1	14.74	260.0	14.52	248.0	14.35	236.0	14.18	222.2	13.83	209.6	13.47	192.8	12.99

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).

HEATING CAPACITY DATA



ARUM192CTE5

192,000 Btu/h 575V Outdoor Units

MULTI V 5 Outdoor Unit Performance Data Manual

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%	-21.6	-22.0	111.2	9.37	110.7	10.72	110.0	12.73	109.4	14.11	108.7	15.48	107.8	17.40	107.3	18.58	106.5	20.16
	-17.1	-17.5	129.1	11.27	128.5	12.39	127.7	14.06	126.8	15.45	126.0	16.84	124.9	18.80	124.3	19.94	123.5	21.45
	-12.6	-13.0	147.0	13.08	146.3	14.06	145.4	15.52	145.2	16.86	144.9	18.21	143.8	20.19	143.0	21.29	142.1	22.75
	-7.0	-7.6	168.4	15.26	167.7	16.06	166.7	17.27	165.9	18.56	165.2	19.85	163.8	21.87	163.0	22.92	161.9	24.31
	-4.0	-4.4	181.3	16.56	180.5	17.26	179.4	18.32	178.4	19.58	177.3	20.84	175.9	22.88	175.0	23.90	173.8	25.25
	0.0	-0.4	196.7	18.17	195.9	18.75	194.6	19.62	193.5	20.84	192.3	22.05	190.3	23.89	188.2	24.36	185.6	24.99
	5.0	4.5	215.8	20.18	214.9	20.61	213.6	21.24	211.2	22.41	208.9	23.57	200.5	24.17	192.4	24.09	181.6	23.99
	10.0	9.0	232.4	22.19	229.7	22.46	225.5	22.87	220.8	23.53	216.0	24.19	203.3	23.80	191.4	23.23	175.5	22.47
	15.0	14.0	250.9	24.32	245.5	24.28	237.4	24.23	226.7	24.07	216.0	23.91	203.3	22.66	191.4	21.97	175.5	21.05
	20.0	19.0	261.2	24.42	251.7	24.17	237.4	23.79	226.7	23.16	216.0	22.54	203.3	21.35	191.4	20.70	175.5	19.83
	25.0	23.0	261.2	24.45	251.7	23.45	237.4	21.95	226.7	21.58	216.0	21.21	203.3	20.07	191.4	19.45	175.5	18.62
	30.0	28.0	261.2	22.78	251.7	21.94	237.4	20.68	226.7	20.28	216.0	19.87	203.3	18.79	191.4	18.20	175.5	17.42
	35.0	32.0	261.2	21.11	251.7	20.43	237.4	19.42	226.7	18.97	216.0	18.53	203.3	17.51	191.4	16.96	175.5	16.22
	40.0	36.0	261.2	19.44	251.7	18.92	237.4	18.15	226.7	17.67	216.0	17.20	203.3	16.23	191.4	15.71	175.5	15.02
	45.0	41.0	261.2	17.81	251.7	17.44	237.4	16.89	226.7	16.39	216.0	15.88	203.3	14.97	191.4	14.48	175.5	13.84
	47.0	43.0	261.2	17.33	251.7	16.98	237.4	16.45	226.7	15.95	216.0	15.46	203.3	14.57	191.4	14.10	175.5	13.47
	50.0	46.0	261.2	16.70	251.7	16.35	237.4	15.84	226.7	15.36	216.0	14.89	203.3	14.03	191.4	13.58	175.5	12.98
	55.0	51.0	261.2	15.67	251.7	15.35	237.4	14.87	226.7	14.42	216.0	13.98	203.3	13.17	191.4	12.75	175.5	12.18
	60.0	56.0	261.2	14.57	251.7	14.27	237.4	13.83	226.7	13.41	216.0	13.00	203.3	12.25	191.4	11.85	175.5	11.33
90%	-21.6	-22.0	110.7	12.08	110.3	12.80	109.6	13.87	108.9	15.32	108.3	16.77	107.4	17.78	106.8	18.73	106.1	19.99
	-17.1	-17.5	128.5	13.50	128.0	14.22	127.2	15.30	126.3	16.74	125.4	18.19	124.4	19.20	123.8	20.15	122.9	21.41
	-12.6	-13.0	146.3	14.92	145.7	15.64	144.8	16.72	144.6	18.16	144.4	19.61	143.2	20.62	142.5	21.57	141.5	22.83
	-7.0	-7.6	167.7	16.62	167.0	17.34	166.0	18.42	165.2	19.87	164.5	21.32	163.2	22.33	162.3	23.27	161.2	24.54
	-4.0	-4.4	180.6	17.64	179.8	18.36	178.7	19.44	177.6	20.89	176.6	22.34	175.2	22.92	174.3	22.95	173.1	22.99
	0.0	-0.4	195.9	18.91	195.1	19.62	193.8	20.70	192.4	21.85	191.1	22.99	183.7	22.91	175.7	22.83	165.1	22.72
	5.0	4.5	216.7	20.48	214.1	21.20	210.1	22.28	203.9	22.59	197.8	22.90	186.2	22.57	174.8	21.96	159.7	21.16
	10.0	9.0	236.8	22.66	228.8	22.78	216.9	22.96	207.3	22.89	197.8	22.82	186.2	21.73	174.8	20.76	159.7	19.46
	15.0	14.0	239.6	22.96	230.5	22.92	216.9	22.84	207.3	22.32	197.8	21.80	186.2	20.62	174.8	19.68	159.7	18.44
	20.0	19.0	239.6	23.11	230.5	22.64	216.9	21.94	207.3	21.25	197.8	20.56	186.2	19.45	174.8	18.57	159.7	17.38
	25.0	23.0	239.6	21.73	230.5	21.30	216.9	20.64	207.3	19.99	197.8	19.35	186.2	18.31	174.8	17.47	159.7	16.35
	30.0	28.0	239.6	20.36	230.5	19.95	216.9	19.34	207.3	18.74	197.8	18.14	186.2	17.18	174.8	16.38	159.7	15.31
	35.0	32.0	239.6	18.99	230.5	18.61	216.9	18.03	207.3	17.48	197.8	16.93	186.2	16.04	174.8	15.28	159.7	14.27
	40.0	36.0	239.6	17.62	230.5	17.26	216.9	16.73	207.3	16.22	197.8	15.71	186.2	14.90	174.8	14.18	159.7	13.23
	45.0	41.0	239.6	16.27	230.5	15.94	216.9	15.45	207.3	14.98	197.8	14.52	186.2	13.78	174.8	13.11	159.7	12.21
	47.0	43.0	239.6	15.84	230.5	15.52	216.9	15.04	207.3	14.59	197.8	14.14	186.2	13.41	174.8	12.76	159.7	11.89
	50.0	46.0	239.6	15.25	230.5	14.94	216.9	14.48	207.3	14.05	197.8	13.61	186.2	12.92	174.8	12.29	159.7	11.45
	55.0	51.0	239.6	14.31	230.5	14.03	216.9	13.59	207.3	13.19	197.8	12.78	186.2	12.12	174.8	11.53	159.7	10.75
	60.0	56.0	239.6	13.31	230.5	13.04	216.9	12.64	207.3	12.26	197.8	11.88	186.2	11.27	174.8	10.73	159.7	10.00
80%	-21.6	-22.0	110.3	12.18	109.8	12.97	109.1	14.16	108.5	15.02	107.8	15.87	106.9	18.12	106.4	19.31	105.7	20.89
	-17.1	-17.5	128.0	13.60	127.5	14.39	126.7	15.58	125.8	16.44	124.9	17.29	123.9	19.54	123.3	20.73	122.4	22.31
	-12.6	-13.0	145.7	15.02	145.1	15.81	144.2	17.00	143.5	17.86	142.8	18.71	142.1	20.39	142.1	20.34	142.0	20.28
	-7.0	-7.6	167.0	16.72	166.3	17.52	165.3	18.71	164.6	19.56	163.8	20.41	161.3	20.32	158.0	20.28	153.6	20.22
	-4.0	-4.4	179.8	17.74	179.1	18.54	177.9	19.73	176.9	20.05	175.8	20.37	165.7	20.28	156.4	20.23	144.1	20.18
	0.0	-0.4	197.0	19.41	194.3	19.80	190.2	20.39	183.7	20.35	177.2	20.32	166.2	20.10	156.3	19.79	143.1	19.37
	5.0	4.5	210.8	20.40	204.3	20.37	194.5	20.33	185.8	20.29	177.2	20.25	166.2	19.35	156.3	18.76	143.1	17.98
	10.0	9.0	214.3	20.33	206.4	20.31	194.5	20.27	185.8	19.96	177.2	19.66	166.2	18.38	156.3	17.81	143.1	17.05
	15.0	14.0	214.3	20.34	206.4	20.24	194.5	20.09	185.8	19.36	177.2	18.62	166.2	17.44	156.3	16.89	143.1	16.15
	20.0	19.0	214.3	19.79	206.4	19.44	194.5	18.92	185.8	18.23	177.2	17.54	166.2	16.46	156.3	15.92	143.1	15.21
	25.0	23.0	214.3	18.60	206.4	18.26	194.5	17.77	185.8	17.12	177.2	16.48	166.2	15.49	156.3	14.97	143.1	14.28
	30.0	28.0	214.3	17.40	206.4	17.09	194.5	16.62	185.8	16.02	177.2	15.42	166.2	14.53	156.3	14.03	143.1	13.36
	35.0	32.0	214.3	16.21	206.4	15.91	194.5	15.46	185.8	14.91	177.2	14.36	166.2	13.56	156.3	13.08	143.1	12.44
	40.0	36.0	214.3	15.01	206.4	14.73	194.5	14.31	185.8	13.81	177.2	13.30	166.2	12.60	156.3	12.13	143.1	11.51
	45.0	41.0	214.3	13.84	206.4	13.58	194.5	13.18	185.8	12.72	177.2	12.26	166.2	11.65	156.3	11.20	143.1	10.61
	47.0	43.0	214.3	13.47	206.4	13.22	194.5	12.83	185.8	12.38	177.2	11.94	166.2	11.34	156.3	10.91	143.1	10.33
	50.0	46.0	214.3	12.98	206.4	12.73	194.5	12.36	185.8	11.93	177.2	11.50	166.2	10.92	156.3	10.50	143.1	9.95
	55.0	51.0	214.3	12.18	206.4	11.95	194.5	11.60	185.8	11.19	177.2	10.79	166.2	10.25	156.3	9.86	143.1	9.33
	60.0	56.0	214.3	11.33	206.4	11.11	194.5	10.79	185.8	10.41	177.2	10.03	166.2	9.53	156.3	9.17	143.1	8.68

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).

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%	-21.6	-22.0	109.6	13.05	109.2	13.43	108.5	14.00	107.8	15.42	107.2	16.84	106.3	18.81	105.8	19.99	105.1	21.57
	-17.1	-17.5	127.3	14.47	126.7	14.85	125.9	15.42	125.1	16.84	124.2	18.26	123.2	19.66	122.6	19.62	121.7	19.57
	-12.6	-13.0	144.9	15.89	144.3	16.27	143.4	16.84	142.7	18.26	142.0	19.68	139.2	19.61	134.7	19.57	128.8	19.53
	-7.0	-7.6	165.4	17.59	165.4	17.97	165.2	18.54	157.7	19.07	150.1	19.61	141.9	19.54	133.8	19.52	122.9	19.49
	-4.0	-4.4	179.9	18.62	174.1	18.99	165.2	19.56	157.7	19.56	150.1	19.57	141.9	19.51	133.8	19.49	122.9	19.46
	0.0	-0.4	181.5	19.67	175.0	19.63	165.2	19.58	157.7	19.54	150.1	19.51	141.9	18.97	133.8	18.66	122.9	18.24
	5.0	4.5	181.5	19.55	175.0	19.51	165.2	19.44	157.7	19.14	150.1	18.85	141.9	17.97	133.8	17.63	122.9	17.18
	10.0	9.0	181.5	19.44	175.0	19.38	165.2	19.30	157.7	18.55	150.1	17.80	141.9	16.96	133.8	16.60	122.9	16.12
	15.0	14.0	181.5	19.70	175.0	19.14	165.2	18.31	157.7	17.54	150.1	16.77	141.9	15.97	133.8	15.59	122.9	15.08
	20.0	19.0	181.5	18.41	175.0	17.90	165.2	17.13	157.7	16.41	150.1	15.69	141.9	14.94	133.8	14.53	122.9	14.00
	25.0	23.0	181.5	17.15	175.0	16.67	165.2	15.96	157.7	15.30	150.1	14.64	141.9	13.93	133.8	13.50	122.9	12.94
	30.0	28.0	181.5	15.89	175.0	15.45	165.2	14.80	157.7	14.20	150.1	13.59	141.9	12.92	133.8	12.47	122.9	11.88
	35.0	32.0	181.5	14.62	175.0	14.23	165.2	13.64	157.7	13.09	150.1	12.54	141.9	11.91	133.8	11.44	122.9	10.82
	40.0	36.0	181.5	13.36	175.0	13.01	165.2	12.48	157.7	11.98	150.1	11.49	141.9	10.90	133.8	10.41	122.9	9.76
	45.0	41.0	181.5	12.14	175.0	11.82	165.2	11.35	157.7	10.91	150.1	10.47	141.9	9.92	133.8	9.41	122.9	8.74
	47.0	43.0	181.5	11.82	175.0	11.51	165.2	11.05	157.7	10.62	150.1	10.19	141.9	9.65	133.8	9.16	122.9	8.50
	50.0	46.0	181.5	11.38	175.0	11.08	165.2	10.64	157.7	10.23	150.1	9.82	141.9	9.30	133.8	8.82	122.9	8.19
	55.0	51.0	181.5	10.68	175.0	10.40	165.2	9.99	157.7	9.60	150.1	9.21	141.9	8.73	133.8	8.28	122.9	7.69
	60.0	56.0	181.5	9.93	175.0	9.67	165.2	9.29	157.7	8.93	150.1	8.57	141.9	8.12	133.8	7.70	122.9	7.15
60%	-21.6	-22.0	101.5	12.02	101.1	12.40	100.4	12.97	99.8	14.39	99.2	15.81	98.4	17.78	97.9	18.97	97.3	20.55
	-17.1	-17.5	117.8	13.44	117.3	13.82	116.6	14.39	115.8	15.81	115.0	17.23	113.9	18.63	112.9	18.58	111.6	18.52
	-12.6	-13.0	134.5	14.86	133.6	15.24	132.2	15.81	130.5	17.23	128.8	18.65	121.3	18.57	114.6	18.53	105.7	18.47
	-7.0	-7.6	155.5	16.57	150.1	16.95	142.1	17.52	135.5	18.04	128.8	18.56	121.3	18.50	114.6	18.46	105.7	18.41
	-4.0	-4.4	155.5	17.59	150.1	17.97	142.1	18.54	135.5	18.52	128.8	18.51	121.3	18.23	114.6	17.68	105.7	16.95
	0.0	-0.4	155.5	18.65	150.1	18.63	142.1	18.59	135.5	18.35	128.8	18.10	121.3	17.46	114.6	16.86	105.7	16.07
	5.0	4.5	155.5	18.58	150.1	18.56	142.1	18.51	135.5	17.80	128.8	17.09	121.3	16.45	114.6	15.86	105.7	15.08
	10.0	9.0	155.5	18.90	150.1	18.49	142.1	17.86	135.5	16.97	128.8	16.07	121.3	15.44	114.6	14.86	105.7	14.09
	15.0	14.0	155.5	18.02	150.1	17.50	142.1	16.73	135.5	15.90	128.8	15.08	121.3	14.45	114.6	13.88	105.7	13.13
	20.0	19.0	155.5	16.81	150.1	16.31	142.1	15.55	135.5	14.80	128.8	14.04	121.3	13.42	114.6	12.86	105.7	12.12
	25.0	23.0	155.5	15.63	150.1	15.14	142.1	14.40	135.5	13.71	128.8	13.03	121.3	12.40	114.6	11.86	105.7	11.13
	30.0	28.0	155.5	14.44	150.1	13.96	142.1	13.24	135.5	12.63	128.8	12.01	121.3	11.39	114.6	10.86	105.7	10.14
	35.0	32.0	155.5	13.26	150.1	12.79	142.1	12.09	135.5	11.54	128.8	11.00	121.3	10.38	114.6	9.86	105.7	9.16
	40.0	36.0	155.5	12.08	150.1	11.62	142.1	10.94	135.5	10.46	128.8	9.98	121.3	9.37	114.6	8.86	105.7	8.17
	45.0	41.0	155.5	10.93	150.1	10.49	142.1	9.82	135.5	9.41	128.8	9.00	121.3	8.40	114.6	7.89	105.7	7.22
	47.0	43.0	155.5	10.64	150.1	10.21	142.1	9.56	135.5	9.16	128.8	8.76	121.3	8.18	114.6	7.68	105.7	7.03
	50.0	46.0	155.5	10.25	150.1	9.83	142.1	9.21	135.5	8.82	128.8	8.44	121.3	7.87	114.6	7.40	105.7	6.77
	55.0	51.0	155.5	9.62	150.1	9.23	142.1	8.64	135.5	8.28	128.8	7.92	121.3	7.39	114.6	6.95	105.7	6.35
	60.0	56.0	155.5	8.94	150.1	8.58	142.1	8.04	135.5	7.70	128.8	7.37	121.3	6.87	114.6	6.46	105.7	5.91
50%	-21.6	-22.0	93.9	10.32	93.6	10.70	93.0	11.27	92.4	12.69	91.9	14.11	90.6	16.08	89.1	17.26	87.1	18.84
	-17.1	-17.5	109.1	11.74	108.6	12.12	107.9	12.69	105.8	14.11	103.6	15.53	99.7	16.91	95.8	16.85	90.5	16.76
	-12.6	-13.0	130.0	13.16	125.3	13.54	118.2	14.11	112.8	15.53	107.5	16.95	101.2	16.84	95.3	16.77	87.4	16.67
	-7.0	-7.6	130.0	14.86	125.3	15.24	118.2	15.81	112.8	16.33	107.5	16.85	101.2	16.41	95.3	15.61	87.4	14.54
	-4.0	-4.4	130.0	15.89	125.3	16.26	118.2	16.83	112.8	16.81	107.5	16.79	101.2	15.81	95.3	15.04	87.4	14.00
	0.0	-0.4	130.0	16.96	125.3	16.91	118.2	16.84	112.8	16.45	107.5	16.07	101.2	15.08	95.3	14.33	87.4	13.34
	5.0	4.5	130.0	17.28	125.3	16.83	118.2	16.15	112.8	15.62	107.5	15.08	101.2	14.16	95.3	13.45	87.4	12.51
	10.0	9.0	130.0	16.91	125.3	16.19	118.2	15.12	112.8	14.61	107.5	14.10	101.2	13.24	95.3	12.57	87.4	11.68
	15.0	14.0	130.0	15.77	125.3	15.10	118.2	14.10	112.8	13.62	107.5	13.13	101.2	12.34	95.3	11.71	87.4	10.87
	20.0	19.0	130.0	14.59	125.3	13.97	118.2	13.05	112.8	12.59	107.5	12.13	101.2	11.40	95.3	10.81	87.4	10.03
	25.0	23.0	130.0	13.42	125.3	12.86	118.2	12.02	112.8	11.58	107.5	11.15	101.2	10.48	95.3	9.93	87.4	9.20
	30.0	28.0	130.0	12.26	125.3	11.75	118.2	10.98	112.8	10.57	107.5	10.16	101.2	9.56	95.3	9.05	87.4	8.37
	35.0	32.0	130.0	11.10	125.3	10.64	118.2	9.95	112.8	9.56	107.5	9.18	101.2	8.64	95.3	8.17	87.4	7.54
	40.0	36.0	130.0	9.93	125.3	9.53	118.2	8.91	112.8	8.55	107.5	8.19	101.2	7.72	95.3	7.29	87.4	6.72
	45.0	41.0	130.0	8.82	125.3	8.46	118.2	7.92	112.8	7.58	107.5	7.25	101.2	6.84	95.3	6.45	87.4	5.92
	47.0	43.0	130.0	8.58	125.3	8.23	118.2	7.71	112.8	7.38	107.5	7.06	101.2	6.66	95.3	6.28	87.4	5.77
	50.0	46.0	130.0	8.27	125.3	7.93	118.2	7.43	112.8	7.11	107.5	6.79	101.2	6.41	95.3	6.04	87.4	5.55
	55.0	51.0	130.0	7.76	125.3	7.44	118.2	6.97	112.8	6.67	107.5	6.38	101.2	6.02	95.3	5.67	87.4	5.21
	60.0	56.0	130.0	7.22	125.3	6.92	118.2	6.48	112.8	6.21	107.5	5.93	101.2	5.60	95.3	5.28	87.4	4.85

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).

HEATING CAPACITY DATA



ARUM216CTE5

216,000 Btu/h 575V Outdoor Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
	°F DB	°F WB	59		61		64		67		70		73		76		80	
			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%	-21.6	-22.0	127.2	8.44	126.7	9.60	125.9	11.34	125.1	12.99	124.4	14.64	123.3	16.75	122.7	17.95	121.9	19.55
	-17.1	-17.5	147.6	10.17	147.0	11.30	146.1	13.01	145.1	14.60	144.1	16.19	142.9	18.13	142.2	19.20	141.2	20.62
	-12.6	-13.0	174.3	11.90	172.4	13.01	169.6	14.68	167.7	16.21	165.8	17.75	164.5	19.51	163.6	20.44	162.5	21.69
	-7.0	-7.6	198.6	13.97	196.5	15.05	193.2	16.68	191.1	18.14	188.9	19.61	187.4	21.16	186.5	21.94	185.2	22.97
	-4.0	-4.4	213.2	15.22	210.9	16.28	207.4	17.88	205.1	19.30	202.8	20.73	201.2	22.15	200.2	22.83	198.8	23.74
	0.0	-0.4	231.3	16.76	228.7	17.80	225.0	19.36	222.5	20.73	220.0	22.11	218.2	23.38	217.1	23.94	215.6	24.69
	5.0	4.5	253.8	18.68	251.0	19.69	246.9	21.21	244.1	22.52	241.4	23.84	239.4	24.91	238.2	25.33	236.6	25.88
	10.0	9.0	276.3	20.60	273.3	21.59	268.8	23.06	265.8	24.31	262.8	25.56	260.7	26.44	259.4	26.71	257.6	27.07
	15.0	14.0	298.4	22.49	295.1	23.44	290.3	24.88	287.1	26.07	283.8	27.26	281.5	27.85	280.1	27.80	278.2	27.74
	20.0	19.0	319.5	24.45	316.7	25.38	312.6	26.77	308.9	27.25	305.2	27.74	295.6	27.19	279.0	26.62	256.8	25.85
	25.0	23.0	324.1	26.91	324.5	27.27	325.0	27.82	320.2	27.45	315.4	27.07	296.2	25.91	278.7	25.34	255.4	24.59
	30.0	28.0	324.5	27.88	324.5	27.79	324.5	27.67	319.9	26.70	315.4	25.72	296.2	24.62	278.7	24.07	255.4	23.33
	35.0	32.0	324.5	28.43	324.5	27.67	324.5	26.54	319.9	25.45	315.4	24.36	296.2	23.34	278.7	22.79	255.4	22.06
	40.0	36.0	324.5	27.27	324.5	26.26	324.5	24.74	319.9	23.88	315.4	23.01	296.2	22.05	278.7	21.52	255.4	20.80
	45.0	41.0	324.5	24.24	324.5	23.73	324.5	22.97	319.9	22.31	315.4	21.65	296.2	20.76	278.7	20.24	255.4	19.54
	47.0	43.0	324.5	23.60	324.5	23.10	324.5	22.36	319.9	21.72	315.4	21.08	296.2	20.21	278.7	19.70	255.4	19.02
	50.0	46.0	324.5	22.73	324.5	22.25	324.5	21.53	319.9	20.92	315.4	20.30	296.2	19.47	278.7	18.97	255.4	18.32
	55.0	51.0	324.5	21.33	324.5	20.88	324.5	20.21	319.9	19.63	315.4	19.05	296.2	18.27	278.7	17.81	255.4	17.19
	60.0	56.0	324.5	19.84	324.5	19.42	324.5	18.79	319.9	18.26	315.4	17.72	296.2	16.99	278.7	16.56	255.4	15.99
120%	-21.6	-22.0	126.3	10.39	125.8	11.26	125.0	12.57	124.2	13.71	123.5	14.85	122.5	15.58	121.8	15.74	121.0	15.96
	-17.1	-17.5	146.6	12.02	146.0	12.89	145.1	14.20	144.1	15.34	143.1	16.48	141.9	17.21	141.2	17.37	140.2	17.59
	-12.6	-13.0	169.8	13.65	168.8	14.52	167.2	15.83	165.9	16.97	164.6	18.11	163.3	18.84	162.5	19.00	161.4	19.22
	-7.0	-7.6	196.1	15.61	194.2	16.48	191.4	17.78	189.5	18.92	187.6	20.07	186.1	20.79	185.1	20.96	183.9	21.17
	-4.0	-4.4	210.5	16.78	208.5	17.65	205.5	18.96	203.4	20.10	201.4	21.24	199.8	21.97	198.7	22.13	197.4	22.35
	0.0	-0.4	228.3	18.23	226.1	19.10	222.9	20.41	220.6	21.55	218.4	22.69	216.6	23.42	215.5	23.58	214.1	23.80
	5.0	4.5	250.5	20.04	248.1	20.91	244.6	22.22	242.1	23.36	239.7	24.50	237.7	25.23	236.5	25.39	234.9	25.61
	10.0	9.0	272.7	21.86	270.2	22.73	266.3	24.03	263.6	25.17	261.0	26.31	258.9	27.04	257.5	27.20	255.8	27.42
	15.0	14.0	294.5	23.63	291.7	24.50	287.6	25.81	284.7	26.95	281.8	28.09	274.7	28.68	263.0	28.56	247.4	28.40
	20.0	19.0	316.1	25.48	313.3	26.35	309.0	27.65	302.4	27.74	295.7	27.83	278.6	27.31	261.6	27.16	239.0	26.95
	25.0	23.0	324.1	28.20	321.8	28.16	318.5	28.11	307.1	27.28	295.7	26.45	278.6	25.97	261.6	25.78	239.0	25.53
	30.0	28.0	324.1	28.26	321.8	27.56	318.5	26.52	307.1	25.80	295.7	25.07	278.6	24.63	261.6	24.41	239.0	24.12
	35.0	32.0	324.1	26.42	321.8	25.83	318.5	24.93	307.1	24.32	295.7	23.70	278.6	23.28	261.6	23.03	239.0	22.70
	40.0	36.0	324.1	24.59	321.8	24.09	318.5	23.35	307.1	22.83	295.7	22.32	278.6	21.94	261.6	21.66	239.0	21.28
	45.0	41.0	324.1	22.79	321.8	22.38	318.5	21.78	307.1	21.36	295.7	20.94	278.6	20.60	261.6	20.29	239.0	19.88
	47.0	43.0	324.1	22.18	321.8	21.79	318.5	21.20	307.1	20.79	295.7	20.38	278.6	20.05	261.6	19.75	239.0	19.35
	50.0	46.0	324.1	21.36	321.8	20.98	318.5	20.42	307.1	20.02	295.7	19.63	278.6	19.31	261.6	19.02	239.0	18.64
	55.0	51.0	324.1	20.05	321.8	19.70	318.5	19.16	307.1	18.79	295.7	18.43	278.6	18.12	261.6	17.85	239.0	17.49
	60.0	56.0	324.1	18.65	321.8	18.32	318.5	17.82	307.1	17.48	295.7	17.13	278.6	16.85	261.6	16.60	239.0	16.27
110%	-21.6	-22.0	125.6	13.22	125.1	13.87	124.3	14.85	123.5	15.92	122.8	17.00	121.8	19.00	121.2	20.63	120.4	22.81
	-17.1	-17.5	145.8	14.85	145.2	15.50	144.3	16.48	143.3	17.56	142.3	18.63	141.1	20.63	140.4	22.26	139.5	24.44
	-12.6	-13.0	166.5	16.48	166.0	17.13	165.4	18.11	164.5	19.19	163.7	20.26	162.4	22.26	161.6	23.89	160.5	26.07
	-7.0	-7.6	191.1	18.44	190.2	19.09	188.8	20.07	187.7	21.14	186.6	22.22	185.1	24.22	184.1	25.85	182.9	28.02
	-4.0	-4.4	206.0	19.61	204.7	20.26	202.8	21.24	201.6	22.32	200.3	23.39	198.7	25.39	197.7	27.02	196.3	29.20
	0.0	-0.4	224.3	21.06	222.6	21.71	220.1	22.69	218.7	23.77	217.2	24.84	215.5	26.84	214.4	28.47	212.9	30.65
	5.0	4.5	247.1	22.87	245.0	23.52	241.8	24.50	240.1	25.58	238.4	26.65	235.2	28.07	231.2	28.45	226.0	28.96
	10.0	9.0	270.0	24.68	267.4	25.33	263.4	26.31	261.5	27.39	259.6	28.47	248.6	28.10	236.3	27.57	219.8	26.87
	15.0	14.0	292.4	26.46	289.3	27.11	284.7	28.09	275.1	28.02	265.5	27.96	249.9	27.21	235.8	26.35	216.9	25.19
	20.0	19.0	320.8	28.98	309.4	28.65	292.5	28.15	279.0	27.43	265.5	26.71	249.9	25.89	235.8	25.09	216.9	24.02
	25.0	23.0	320.8	28.47	309.4	27.86	292.5	26.95	279.0	26.15	265.5	25.35	249.9	24.59	235.8	23.85	216.9	22.86
	30.0	28.0	320.8	27.01	309.4	26.33	292.5	25.30	279.0	24.64	265.5	23.99	249.9	23.30	235.8	22.61	216.9	21.70
	35.0	32.0	320.8	24.95	309.4	24.43	292.5	23.65	279.0	23.14	265.5	22.62	249.9	22.00	235.8	21.38	216.9	20.55
	40.0	36.0	320.8	22.90	309.4	22.54	292.5	22.00	279.0	21.63	265.5	21.26	249.9	20.70	235.8	20.14	216.9	19.39
	45.0	41.0	320.8	20.89	309.4	20.69	292.5	20.37	279.0	20.14	265.5	19.90	249.9	19.41	235.8	18.90	216.9	18.23
	47.0	43.0	320.8	20.34	309.4	20.14	292.5	19.83	279.0	19.60	265.5	19.37	249.9	18.89	235.8	18.40	216.9	17.75
	50.0	46.0	320.8	19.59	309.4	19.39	292.5	19.10	279.0	18.88	265.5	18.66	249.9	18.20	235.8	17.72	216.9	17.09
	55.0	51.0	320.8	18.39	309.4	18.20	292.5	17.93	279.0	17.72	265.5	17.51	249.9	17.08	235.8	16.63	216.9	16.04
	60.0	56.0	320.8	17.10	309.4	16.93	292.5	16.67	279.0	16.48	265.5	16.29	249.9	15.88	235.8	15.47	216.9	14.92

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).

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%	-21.6	-22.0	125.1	10.76	124.6	12.30	123.8	14.62	123.0	16.19	122.3	17.77	121.3	19.97	120.7	21.33	119.9	23.14
	-17.1	-17.5	145.2	12.94	144.6	14.22	143.7	16.14	142.7	17.74	141.7	19.34	140.6	21.58	139.8	22.89	138.9	24.63
	-12.6	-13.0	165.3	15.02	164.6	16.14	163.6	17.82	163.3	19.36	163.1	20.91	161.7	23.19	160.9	24.45	159.8	26.12
	-7.0	-7.6	189.5	17.52	188.7	18.44	187.5	19.83	186.7	21.31	185.8	22.79	184.3	25.11	183.4	26.31	182.1	27.91
	-4.0	-4.4	204.0	19.01	203.1	19.82	201.8	21.04	200.7	22.48	199.5	23.92	197.9	26.27	196.9	27.43	195.5	28.99
	0.0	-0.4	221.3	20.86	220.3	21.53	219.0	22.53	217.7	23.92	216.3	25.32	214.0	27.43	211.8	27.97	208.8	28.69
	5.0	4.5	242.8	23.17	241.8	23.66	240.3	24.39	237.6	25.73	235.0	27.06	225.6	27.75	216.5	27.66	204.3	27.54
	10.0	9.0	261.5	25.48	258.4	25.79	253.7	26.25	248.4	27.02	243.0	27.78	228.7	27.33	215.3	26.67	197.5	25.79
	15.0	14.0	282.3	27.92	276.2	27.88	267.1	27.81	255.0	27.63	243.0	27.45	228.7	26.01	215.3	25.22	197.5	24.17
	20.0	19.0	293.9	28.04	283.2	27.75	267.1	27.31	255.0	26.60	243.0	25.88	228.7	24.51	215.3	23.76	197.5	22.76
	25.0	23.0	293.9	28.07	283.2	26.92	267.1	25.20	255.0	24.77	243.0	24.35	228.7	23.04	215.3	22.33	197.5	21.38
	30.0	28.0	293.9	26.15	283.2	25.19	267.1	23.75	255.0	23.28	243.0	22.81	228.7	21.57	215.3	20.90	197.5	20.00
	35.0	32.0	293.9	24.23	283.2	23.46	267.1	22.29	255.0	21.78	243.0	21.28	228.7	20.10	215.3	19.47	197.5	18.62
	40.0	36.0	293.9	22.32	283.2	21.72	267.1	20.84	255.0	20.29	243.0	19.74	228.7	18.63	215.3	18.04	197.5	17.24
	45.0	41.0	293.9	20.44	283.2	20.03	267.1	19.40	255.0	18.81	243.0	18.23	228.7	17.19	215.3	16.63	197.5	15.89
	47.0	43.0	293.9	19.90	283.2	19.49	267.1	18.88	255.0	18.32	243.0	17.75	228.7	16.73	215.3	16.19	197.5	15.47
	50.0	46.0	293.9	19.17	283.2	18.77	267.1	18.19	255.0	17.64	243.0	17.10	228.7	16.11	215.3	15.59	197.5	14.90
	55.0	51.0	293.9	17.99	283.2	17.62	267.1	17.07	255.0	16.56	243.0	16.05	228.7	15.12	215.3	14.63	197.5	13.98
	60.0	56.0	293.9	16.73	283.2	16.39	267.1	15.87	255.0	15.40	243.0	14.92	228.7	14.06	215.3	13.61	197.5	13.00
90%	-21.6	-22.0	124.6	13.86	124.0	14.69	123.3	15.93	122.5	17.59	121.8	19.26	120.8	20.42	120.2	21.50	119.4	22.95
	-17.1	-17.5	144.6	15.50	144.0	16.32	143.1	17.56	142.1	19.22	141.1	20.89	140.0	22.05	139.3	23.13	138.3	24.58
	-12.6	-13.0	164.6	17.13	164.0	17.95	162.9	19.19	162.7	20.85	162.4	22.52	161.1	23.68	160.3	24.76	159.2	26.21
	-7.0	-7.6	188.7	19.08	187.9	19.91	186.7	21.15	185.9	22.81	185.1	24.47	183.6	25.63	182.6	26.72	181.4	28.17
	-4.0	-4.4	203.1	20.26	202.3	21.08	201.0	22.32	199.8	23.98	198.7	25.65	197.1	26.32	196.1	26.35	194.7	26.40
	0.0	-0.4	220.3	21.71	219.4	22.53	218.1	23.77	216.5	25.08	214.9	26.39	206.7	26.30	197.7	26.21	185.7	26.08
	5.0	4.5	243.8	23.52	240.8	24.34	236.3	25.58	229.4	25.94	222.5	26.29	209.4	25.91	196.7	25.22	179.7	24.29
	10.0	9.0	266.4	26.02	257.4	26.16	244.0	26.36	233.3	26.28	222.5	26.19	209.4	24.95	196.7	23.83	179.7	22.34
	15.0	14.0	269.5	26.37	259.3	26.31	244.0	26.23	233.3	25.63	222.5	25.03	209.4	23.67	196.7	22.60	179.7	21.18
	20.0	19.0	269.5	26.53	259.3	25.99	244.0	25.19	233.3	24.40	222.5	23.61	209.4	22.34	196.7	21.32	179.7	19.96
	25.0	23.0	269.5	24.95	259.3	24.45	244.0	23.70	233.3	22.96	222.5	22.22	209.4	21.03	196.7	20.06	179.7	18.77
	30.0	28.0	269.5	23.38	259.3	22.91	244.0	22.20	233.3	21.51	222.5	20.82	209.4	19.72	196.7	18.80	179.7	17.58
	35.0	32.0	269.5	21.80	259.3	21.36	244.0	20.70	233.3	20.07	222.5	19.43	209.4	18.41	196.7	17.54	179.7	16.39
	40.0	36.0	269.5	20.23	259.3	19.82	244.0	19.21	233.3	18.62	222.5	18.04	209.4	17.10	196.7	16.29	179.7	15.19
	45.0	41.0	269.5	18.68	259.3	18.30	244.0	17.74	233.3	17.20	222.5	16.67	209.4	15.82	196.7	15.05	179.7	14.02
	47.0	43.0	269.5	18.18	259.3	17.82	244.0	17.27	233.3	16.75	222.5	16.23	209.4	15.40	196.7	14.65	179.7	13.65
	50.0	46.0	269.5	17.51	259.3	17.16	244.0	16.63	233.3	16.13	222.5	15.63	209.4	14.83	196.7	14.11	179.7	13.15
	55.0	51.0	269.5	16.43	259.3	16.10	244.0	15.61	233.3	15.14	222.5	14.67	209.4	13.92	196.7	13.24	179.7	12.34
	60.0	56.0	269.5	15.28	259.3	14.98	244.0	14.52	233.3	14.08	222.5	13.64	209.4	12.94	196.7	12.32	179.7	11.48
80%	-21.6	-22.0	124.1	13.98	123.5	14.89	122.8	16.26	122.0	17.24	121.3	18.22	120.3	20.81	119.7	22.17	118.9	23.98
	-17.1	-17.5	144.0	15.61	143.4	16.52	142.5	17.89	141.5	18.87	140.5	19.85	139.4	22.44	138.7	23.80	137.7	25.61
	-12.6	-13.0	164.0	17.24	163.3	18.15	162.3	19.52	161.5	20.50	160.6	21.48	159.8	23.41	159.8	23.36	158.8	23.28
	-7.0	-7.6	187.9	19.20	187.1	20.11	186.0	21.48	185.1	22.46	184.3	23.44	181.5	23.33	177.8	23.28	172.8	23.21
	-4.0	-4.4	202.3	20.37	201.4	21.28	200.2	22.65	199.0	23.02	197.8	23.39	186.4	23.28	176.0	23.23	162.1	23.17
	0.0	-0.4	221.6	22.28	218.5	22.73	214.0	23.41	206.6	23.37	199.3	23.33	186.9	23.08	175.8	22.72	161.0	22.24
	5.0	4.5	237.2	23.42	229.8	23.39	218.8	23.34	209.1	23.30	199.3	23.25	186.9	22.22	175.8	21.54	161.0	20.64
	10.0	9.0	241.1	23.34	232.2	23.31	218.8	23.27	209.1	22.92	199.3	22.57	186.9	21.11	175.8	20.45	161.0	19.58
	15.0	14.0	241.1	23.35	232.2	23.24	218.8	23.07	209.1	22.22	199.3	21.38	186.9	20.02	175.8	19.39	161.0	18.54
	20.0	19.0	241.1	22.72	232.2	22.32	218.8	21.72	209.1	20.93	199.3	20.13	186.9	18.89	175.8	18.28	161.0	17.46
	25.0	23.0	241.1	21.35	232.2	20.97	218.8	20.40	209.1	19.66	199.3	18.92	186.9	17.79	175.8	17.19	161.0	16.40
	30.0	28.0	241.1	19.98	232.2	19.62	218.8	19.08	209.1	18.39	199.3	17.70	186.9	16.68	175.8	16.10	161.0	15.34
	35.0	32.0	241.1	18.61	232.2	18.27	218.8	17.75	209.1	17.12	199.3	16.49	186.9	15.57	175.8	15.02	161.0	14.28
	40.0	36.0	241.1	17.24	232.2	16.91	218.8	16.43	209.1	15.85	199.3	15.27	186.9	14.46	175.8	13.93	161.0	13.22
	45.0	41.0	241.1	15.89	232.2	15.59	218.8	15.13	209.1	14.61	199.3	14.08	186.9	13.37	175.8	12.86	161.0	12.18
	47.0	43.0	241.1	15.47	232.2	15.17	218.8	14.73	209.1	14.22	199.3	13.70	186.9	13.02	175.8	12.52	161.0	11.86
	50.0	46.0	241.1	14.90	232.2	14.61	218.8	14.19	209.1	13.69	199.3	13.20	186.9	12.54	175.8	12.06	161.0	11.42
	55.0	51.0	241.1	13.98	232.2	13.72	218.8	13.32	209.1	12.85	199.3	12.39	186.9	11.77	175.8	11.32	161.0	10.72
	60.0	56.0	241.1	13.00	232.2	12.76	218.8	12.39	209.1	11.95	199.3	11.52	186.9	10.95	175.8	10.53	161.0	9.97

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 70°F dry bulb (DB) and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

HEATING CAPACITY DATA



ARUM216CTE5

216,000 Btu/h 575V Outdoor Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
	°F DB	°F WB	59		61		64		67		70		73		76		80	
			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%	-21.6	-22.0	123.3	14.98	122.8	15.42	122.0	16.07	121.3	17.70	120.6	19.33	119.6	21.59	119.0	22.95	118.2	24.77
	-17.1	-17.5	143.2	16.61	142.6	17.05	141.7	17.70	140.7	19.33	139.7	20.96	138.6	22.57	137.9	22.53	136.9	22.47
	-12.6	-13.0	163.0	18.24	162.3	18.68	161.3	19.33	160.5	20.96	159.7	22.59	156.6	22.51	151.6	22.47	144.9	22.42
	-7.0	-7.6	186.1	20.20	186.0	20.63	185.9	21.29	177.4	21.90	168.9	22.51	159.6	22.44	150.5	22.41	138.3	22.38
	-4.0	-4.4	204.2	21.37	195.8	21.81	185.9	22.46	177.4	22.46	168.9	22.46	159.6	22.40	150.5	22.38	138.3	22.35
	0.0	-0.4	204.2	22.58	196.9	22.54	185.9	22.47	177.4	22.44	168.9	22.41	159.6	21.79	150.5	21.42	138.3	20.94
	5.0	4.5	204.2	22.45	196.9	22.40	185.9	22.31	177.4	21.98	168.9	21.64	159.6	20.63	150.5	20.24	138.3	19.72
	10.0	9.0	204.2	22.32	196.9	22.25	185.9	22.15	177.4	21.29	168.9	20.43	159.6	19.47	150.5	19.06	138.3	18.51
	15.0	14.0	204.2	22.61	196.9	21.98	185.9	21.03	177.4	20.14	168.9	19.25	159.6	18.33	150.5	17.90	138.3	17.31
	20.0	19.0	204.2	21.14	196.9	20.55	185.9	19.66	177.4	18.84	168.9	18.02	159.6	17.15	150.5	16.69	138.3	16.07
	25.0	23.0	204.2	19.69	196.9	19.14	185.9	18.33	177.4	17.57	168.9	16.81	159.6	15.99	150.5	15.50	138.3	14.85
	30.0	28.0	204.2	18.24	196.9	17.74	185.9	16.99	177.4	16.30	168.9	15.61	159.6	14.83	150.5	14.32	138.3	13.64
	35.0	32.0	204.2	16.79	196.9	16.34	185.9	15.66	177.4	15.03	168.9	14.40	159.6	13.67	150.5	13.14	138.3	12.42
	40.0	36.0	204.2	15.34	196.9	14.94	185.9	14.32	177.4	13.76	168.9	13.19	159.6	12.51	150.5	11.95	138.3	11.20
	45.0	41.0	204.2	13.94	196.9	13.57	185.9	13.03	177.4	12.52	168.9	12.02	159.6	11.39	150.5	10.81	138.3	10.03
	47.0	43.0	204.2	13.57	196.9	13.21	185.9	12.68	177.4	12.19	168.9	11.70	159.6	11.09	150.5	10.52	138.3	9.76
	50.0	46.0	204.2	13.07	196.9	12.73	185.9	12.21	177.4	11.74	168.9	11.27	159.6	10.68	150.5	10.13	138.3	9.40
	55.0	51.0	204.2	12.26	196.9	11.94	185.9	11.46	177.4	11.02	168.9	10.58	159.6	10.02	150.5	9.51	138.3	8.83
	60.0	56.0	204.2	11.40	196.9	11.11	185.9	10.66	177.4	10.25	168.9	9.84	159.6	9.32	150.5	8.84	138.3	8.21
60%	-21.6	-22.0	114.2	13.81	113.7	14.24	113.0	14.89	112.3	16.52	111.6	18.15	110.7	20.42	110.2	21.78	109.4	23.59
	-17.1	-17.5	132.5	15.44	132.0	15.87	131.2	16.52	130.2	18.15	129.3	19.78	128.1	21.39	127.0	21.34	125.6	21.27
	-12.6	-13.0	151.3	17.07	150.3	17.50	148.8	18.15	146.8	19.78	144.9	21.41	136.4	21.32	128.9	21.27	118.9	21.21
	-7.0	-7.6	174.9	19.02	168.9	19.46	159.9	20.11	152.4	20.71	144.9	21.31	136.4	21.24	128.9	21.20	118.9	21.14
	-4.0	-4.4	174.9	20.20	168.9	20.63	159.9	21.28	152.4	21.27	144.9	21.25	136.4	20.92	128.9	20.30	118.9	19.46
	0.0	-0.4	174.9	21.41	168.9	21.39	159.9	21.35	152.4	21.07	144.9	20.78	136.4	20.04	128.9	19.36	118.9	18.45
	5.0	4.5	174.9	21.34	168.9	21.30	159.9	21.25	152.4	20.44	144.9	19.62	136.4	18.88	128.9	18.21	118.9	17.32
	10.0	9.0	174.9	21.70	168.9	21.22	159.9	20.51	152.4	19.48	144.9	18.45	136.4	17.72	128.9	17.06	118.9	16.18
	15.0	14.0	174.9	20.69	168.9	20.10	159.9	19.21	152.4	18.26	144.9	17.31	136.4	16.59	128.9	15.94	118.9	15.07
	20.0	19.0	174.9	19.30	168.9	18.72	159.9	17.86	152.4	16.99	144.9	16.12	136.4	15.40	128.9	14.76	118.9	13.91
	25.0	23.0	174.9	17.94	168.9	17.38	159.9	16.53	152.4	15.74	144.9	14.96	136.4	14.24	128.9	13.62	118.9	12.78
	30.0	28.0	174.9	16.58	168.9	16.03	159.9	15.21	152.4	14.50	144.9	13.79	136.4	13.08	128.9	12.47	118.9	11.65
	35.0	32.0	174.9	15.23	168.9	14.69	159.9	13.88	152.4	13.25	144.9	12.63	136.4	11.92	128.9	11.32	118.9	10.51
	40.0	36.0	174.9	13.87	168.9	13.34	159.9	12.56	152.4	12.01	144.9	11.46	136.4	10.76	128.9	10.17	118.9	9.38
	45.0	41.0	174.9	12.55	168.9	12.04	159.9	11.28	152.4	10.81	144.9	10.33	136.4	9.64	128.9	9.06	118.9	8.29
	47.0	43.0	174.9	12.22	168.9	11.72	159.9	10.98	152.4	10.52	144.9	10.06	136.4	9.39	128.9	8.82	118.9	8.07
	50.0	46.0	174.9	11.76	168.9	11.29	159.9	10.57	152.4	10.13	144.9	9.69	136.4	9.04	128.9	8.50	118.9	7.77
	55.0	51.0	174.9	11.04	168.9	10.60	159.9	9.92	152.4	9.51	144.9	9.09	136.4	8.49	128.9	7.98	118.9	7.30
	60.0	56.0	174.9	10.27	168.9	9.85	159.9	9.23	152.4	8.84	144.9	8.46	136.4	7.89	128.9	7.42	118.9	6.78
50%	-21.6	-22.0	105.7	11.85	105.2	12.28	104.6	12.93	104.0	14.56	103.3	16.19	101.9	18.46	100.2	19.82	97.9	21.63
	-17.1	-17.5	122.7	13.48	122.2	13.91	121.4	14.56	119.0	16.19	116.6	17.83	112.2	19.42	107.8	19.34	101.8	19.24
	-12.6	-13.0	146.3	15.11	140.9	15.54	132.9	16.19	126.9	17.83	120.9	19.46	113.8	19.33	107.2	19.25	98.3	19.14
	-7.0	-7.6	146.3	17.06	140.9	17.50	132.9	18.15	126.9	18.75	120.9	19.34	113.8	18.84	107.2	17.92	98.3	16.69
	-4.0	-4.4	146.3	18.24	140.9	18.67	132.9	19.33	126.9	19.30	120.9	19.28	113.8	18.16	107.2	17.27	98.3	16.08
	0.0	-0.4	146.3	19.47	140.9	19.42	132.9	19.34	126.9	18.89	120.9	18.45	113.8	17.31	107.2	16.46	98.3	15.32
	5.0	4.5	146.3	19.83	140.9	19.32	132.9	18.54	126.9	17.93	120.9	17.32	113.8	16.26	107.2	15.45	98.3	14.37
	10.0	9.0	146.3	19.42	140.9	18.59	132.9	17.36	126.9	16.77	120.9	16.19	113.8	15.20	107.2	14.44	98.3	13.42
	15.0	14.0	146.3	18.11	140.9	17.34	132.9	16.19	126.9	15.64	120.9	15.08	113.8	14.17	107.2	13.45	98.3	12.48
	20.0	19.0	146.3	16.75	140.9	16.04	132.9	14.98	126.9	14.45	120.9	13.93	113.8	13.09	107.2	12.41	98.3	11.51
	25.0	23.0	146.3	15.41	140.9	14.76	132.9	13.80	126.9	13.30	120.9	12.80	113.8	12.03	107.2	11.40	98.3	10.56
	30.0	28.0	146.3	14.08	140.9	13.49	132.9	12.61	126.9	12.14	120.9	11.67	113.8	10.98	107.2	10.39	98.3	9.61
	35.0	32.0	146.3	12.74	140.9	12.21	132.9	11.42	126.9	10.98	120.9	10.54	113.8	9.92	107.2	9.38	98.3	8.66
	40.0	36.0	146.3	11.41	140.9	10.94	132.9	10.23	126.9	9.82	120.9	9.41	113.8	8.87	107.2	8.37	98.3	7.71
	45.0	41.0	146.3	10.12	140.9	9.71	132.9	9.09	126.9	8.71	120.9	8.32	113.8	7.85	107.2	7.40	98.3	6.80
	47.0	43.0	146.3	9.86	140.9	9.45	132.9	8.85	126.9	8.48	120.9	8.10	113.8	7.64	107.2	7.21	98.3	6.62
	50.0	46.0	146.3	9.49	140.9	9.11	132.9	8.53	126.9	8.16	120.9	7.80	113.8	7.36	107.2	6.94	98.3	6.38
	55.0	51.0	146.3	8.91	140.9	8.55	132.9	8.00	126.9	7.66	120.9	7.32	113.8	6.91	107.2	6.51	98.3	5.98
	60.0	56.0	146.3	8.29	140.9	7.95	132.9	7.44	126.9	7.13	120.9	6.81	113.8	6.43	107.2	6.06	98.3	5.57

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).

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
	°F DB	°F WB	59		61		64		67		70		73		76		80	
			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%	-21.6	-22.0	127.2	8.44	126.7	9.60	125.9	11.34	125.1	12.99	124.4	14.64	123.3	16.75	122.7	17.95	121.9	19.55
	-17.1	-17.5	147.6	10.17	147.0	11.30	146.1	13.01	145.1	14.60	144.1	16.19	142.9	18.13	142.2	19.20	141.2	20.62
	-12.6	-13.0	174.3	11.90	172.4	13.01	169.6	14.68	167.7	16.21	165.8	17.75	164.5	19.51	163.6	20.44	162.5	21.69
	-7.0	-7.6	198.6	13.97	196.5	15.05	193.2	16.68	191.1	18.14	188.9	19.61	187.4	21.16	186.5	21.94	185.2	22.97
	-4.0	-4.4	213.2	15.22	210.9	16.28	207.4	17.88	205.1	19.30	202.8	20.73	201.2	22.15	200.2	22.83	198.8	23.74
	0.0	-0.4	231.3	16.76	228.7	17.80	225.0	19.36	222.5	20.73	220.0	22.11	218.2	23.38	217.1	23.94	215.6	24.69
	5.0	4.5	253.8	18.68	251.0	19.69	246.9	21.21	244.1	22.52	241.4	23.84	239.4	24.91	238.2	25.33	236.6	25.88
	10.0	9.0	276.3	20.60	273.3	21.59	268.8	23.06	265.8	24.31	262.8	25.56	260.7	26.44	259.4	26.71	257.6	27.07
	15.0	14.0	298.4	22.49	295.1	23.44	290.3	24.88	287.1	26.07	283.8	27.26	281.5	27.85	280.1	27.80	278.2	27.74
	20.0	19.0	319.5	24.45	316.7	25.38	312.6	26.77	308.9	27.25	305.2	27.74	295.6	27.19	279.0	26.62	256.8	25.85
	25.0	23.0	324.1	26.91	324.5	27.27	325.0	27.82	320.2	27.45	315.4	27.07	296.2	25.91	278.7	25.34	255.4	24.59
	30.0	28.0	324.5	27.88	324.5	27.79	324.5	27.67	319.9	26.70	315.4	25.72	296.2	24.62	278.7	24.07	255.4	23.33
	35.0	32.0	324.5	28.43	324.5	27.67	324.5	26.54	319.9	25.45	315.4	24.36	296.2	23.34	278.7	22.79	255.4	22.06
	40.0	36.0	324.5	27.27	324.5	26.26	324.5	24.74	319.9	23.88	315.4	23.01	296.2	22.05	278.7	21.52	255.4	20.80
	45.0	41.0	324.5	24.24	324.5	23.73	324.5	22.97	319.9	22.31	315.4	21.65	296.2	20.76	278.7	20.24	255.4	19.54
	47.0	43.0	324.5	23.60	324.5	23.10	324.5	22.36	319.9	21.72	315.4	21.08	296.2	20.21	278.7	19.70	255.4	19.02
	50.0	46.0	324.5	22.73	324.5	22.25	324.5	21.53	319.9	20.92	315.4	20.30	296.2	19.47	278.7	18.97	255.4	18.32
	55.0	51.0	324.5	21.33	324.5	20.88	324.5	20.21	319.9	19.63	315.4	19.05	296.2	18.27	278.7	17.81	255.4	17.19
	60.0	56.0	324.5	19.84	324.5	19.42	324.5	18.79	319.9	18.26	315.4	17.72	296.2	16.99	278.7	16.56	255.4	15.99
120%	-21.6	-22.0	126.3	10.39	125.8	11.26	125.0	12.57	124.2	13.71	123.5	14.85	122.5	15.58	121.8	15.74	121.0	15.96
	-17.1	-17.5	146.6	12.02	146.0	12.89	145.1	14.20	144.1	15.34	143.1	16.48	141.9	17.21	141.2	17.37	140.2	17.59
	-12.6	-13.0	169.8	13.65	168.8	14.52	167.2	15.83	165.9	16.97	164.6	18.11	163.3	18.84	162.5	19.00	161.4	19.22
	-7.0	-7.6	196.1	15.61	194.2	16.48	191.4	17.78	189.5	18.92	187.6	20.07	186.1	20.79	185.1	20.96	183.9	21.17
	-4.0	-4.4	210.5	16.78	208.5	17.65	205.5	18.96	203.4	20.10	201.4	21.24	199.8	21.97	198.7	22.13	197.4	22.35
	0.0	-0.4	228.3	18.23	226.1	19.10	222.9	20.41	220.6	21.55	218.4	22.69	216.6	23.42	215.5	23.58	214.1	23.80
	5.0	4.5	250.5	20.04	248.1	20.91	244.6	22.22	242.1	23.36	239.7	24.50	237.7	25.23	236.5	25.39	234.9	25.61
	10.0	9.0	272.7	21.86	270.2	22.73	266.3	24.03	263.6	25.17	261.0	26.31	258.9	27.04	257.5	27.20	255.8	27.42
	15.0	14.0	294.5	23.63	291.7	24.50	287.6	25.81	284.7	26.95	281.8	28.09	278.6	27.31	261.6	26.16	247.4	26.95
	20.0	19.0	316.1	25.48	313.3	26.35	309.0	27.65	302.4	27.74	295.7	27.83	278.6	27.31	261.6	27.16	239.0	26.95
	25.0	23.0	324.1	28.20	321.8	28.16	318.5	28.11	307.1	27.28	295.7	26.45	278.6	25.97	261.6	25.78	239.0	25.53
	30.0	28.0	324.1	28.26	321.8	27.56	318.5	26.52	307.1	25.80	295.7	25.07	278.6	24.63	261.6	24.41	239.0	24.12
	35.0	32.0	324.1	26.42	321.8	25.83	318.5	24.93	307.1	24.32	295.7	23.70	278.6	23.28	261.6	23.03	239.0	22.70
	40.0	36.0	324.1	24.59	321.8	24.09	318.5	23.35	307.1	22.83	295.7	22.32	278.6	21.94	261.6	21.66	239.0	21.28
	45.0	41.0	324.1	22.79	321.8	22.38	318.5	21.78	307.1	21.36	295.7	20.94	278.6	20.60	261.6	20.29	239.0	19.88
	47.0	43.0	324.1	22.18	321.8	21.79	318.5	21.20	307.1	20.79	295.7	20.38	278.6	20.05	261.6	19.75	239.0	19.35
	50.0	46.0	324.1	21.36	321.8	20.98	318.5	20.42	307.1	20.02	295.7	19.63	278.6	19.31	261.6	19.02	239.0	18.64
	55.0	51.0	324.1	20.05	321.8	19.70	318.5	19.16	307.1	18.79	295.7	18.43	278.6	18.12	261.6	17.85	239.0	17.49
	60.0	56.0	324.1	18.65	321.8	18.32	318.5	17.82	307.1	17.48	295.7	17.13	278.6	16.85	261.6	16.60	239.0	16.27
110%	-21.6	-22.0	125.6	13.22	125.1	13.87	124.3	14.85	123.5	15.92	122.8	17.00	121.8	19.00	121.2	20.63	120.4	22.81
	-17.1	-17.5	145.8	14.85	145.2	15.50	144.3	16.48	143.3	17.56	142.3	18.63	141.1	20.63	140.4	22.26	139.5	24.44
	-12.6	-13.0	166.5	16.48	166.0	17.13	165.4	18.11	164.5	19.19	163.7	20.26	162.4	22.26	161.6	23.89	160.5	26.07
	-7.0	-7.6	191.1	18.44	190.2	19.09	188.8	20.07	187.7	21.14	186.6	22.22	185.1	24.22	184.1	25.85	182.9	28.02
	-4.0	-4.4	206.0	19.61	204.7	20.26	202.8	21.24	201.6	22.32	200.3	23.39	198.7	25.39	197.7	27.02	196.3	29.20
	0.0	-0.4	224.3	21.06	222.6	21.71	220.1	22.69	218.7	23.77	217.2	24.84	215.5	26.84	214.4	28.47	212.9	30.65
	5.0	4.5	247.1	22.87	245.0	23.52	241.8	24.50	240.1	25.58	238.4	26.65	235.2	28.07	231.2	28.45	226.0	28.96
	10.0	9.0	270.0	24.68	267.4	25.33	263.4	26.31	261.5	27.39	259.6	28.47	248.6	28.10	236.3	27.57	219.8	26.87
	15.0	14.0	292.4	26.46	289.3	27.11	284.7	28.09	275.1	28.02	265.5	27.96	249.9	27.21	235.8	26.35	216.9	25.19
	20.0	19.0	320.8	28.98	309.4	28.65	292.5	28.15	279.0	27.43	265.5	26.71	249.9	25.89	235.8	25.09	216.9	24.02
	25.0	23.0	320.8	28.47	309.4	27.86	292.5	26.95	279.0	26.15	265.5	25.35	249.9	24.59	235.8	23.85	216.9	22.86
	30.0	28.0	320.8	27.01	309.4	26.33	292.5	25.30	279.0	24.64	265.5	23.99	249.9	23.30	235.8	22.61	216.9	21.70
	35.0	32.0	320.8	24.95	309.4	24.43	292.5	23.65	279.0	23.14	265.5	22.62	249.9	22.00	235.8	21.38	216.9	20.55
	40.0	36.0	320.8	22.90	309.4	22.54	292.5	22.00	279.0	21.63	265.5	21.26	249.9	20.70	235.8	20.14	216.9	19.39
	45.0	41.0	320.8	20.89	309.4	20.69	292.5	20.37	279.0	20.14	265.5	19.90	249.9	19.41	235.8	18.90	216.9	18.23
	47.0	43.0	320.8	20.34	309.4	20.14	292.5	19.83	279.0	19.60	265.5	19.37	249.9	18.89	235.8	18.40	216.9	17.75
	50.0	46.0	320.8	19.59	309.4	19.39	292.5	19.10	279.0	18.88	265.5	18.66	249.9	18.20	235.8	17.72	216.9	17.09
	55.0	51.0	320.8	18.39	309.4	18.20	292.5	17.93	279.0	17.72	265.5	17.51	249.9	17.08	235.8	16.63	216.9	16.04
	60.0	56.0	320.8	17.10	309.4	16.93	292.5	16.67	279.0	16.48	265.5	16.29	249.9	15.88	235.8	15.47	216.9	14.92

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).

HEATING CAPACITY DATA



ARUM241CTE5

240,000 Btu/h 575V Outdoor 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%	-21.6	-22.0	125.1	10.76	124.6	12.30	123.8	14.62	123.0	16.19	122.3	17.77	121.3	19.97	120.7	21.33	119.9	23.14
	-17.1	-17.5	145.2	12.94	144.6	14.22	143.7	16.14	142.7	17.74	141.7	19.34	140.6	21.58	139.8	22.89	138.9	24.63
	-12.6	-13.0	165.3	15.02	164.6	16.14	163.6	17.82	163.3	19.36	163.1	20.91	161.7	23.19	160.9	24.45	159.8	26.12
	-7.0	-7.6	189.5	17.52	188.7	18.44	187.5	19.83	186.7	21.31	185.8	22.79	184.3	25.11	183.4	26.31	182.1	27.91
	-4.0	-4.4	204.0	19.01	203.1	19.82	201.8	21.04	200.7	22.48	199.5	23.92	197.9	26.27	196.9	27.43	195.5	28.99
	0.0	-0.4	221.3	20.86	220.3	21.53	219.0	22.53	217.7	23.92	216.3	25.32	214.0	27.43	211.8	27.97	208.8	28.69
	5.0	4.5	242.8	23.17	241.8	23.66	240.3	24.39	237.6	25.73	235.0	27.06	225.6	27.75	216.5	27.66	204.3	27.54
	10.0	9.0	261.5	25.48	258.4	25.79	253.7	26.25	248.4	27.02	243.0	27.78	228.7	27.33	215.3	26.67	197.5	25.79
	15.0	14.0	282.3	27.92	276.2	27.88	267.1	27.81	255.0	27.63	243.0	27.45	228.7	26.01	215.3	25.22	197.5	24.17
	20.0	19.0	293.9	28.04	283.2	27.75	267.1	27.31	255.0	26.60	243.0	25.88	228.7	24.51	215.3	23.76	197.5	22.76
	25.0	23.0	293.9	28.07	283.2	26.92	267.1	25.20	255.0	24.77	243.0	24.35	228.7	23.04	215.3	22.33	197.5	21.38
	30.0	28.0	293.9	26.15	283.2	25.19	267.1	23.75	255.0	23.28	243.0	22.81	228.7	21.57	215.3	20.90	197.5	20.00
	35.0	32.0	293.9	24.23	283.2	23.46	267.1	22.29	255.0	21.78	243.0	21.28	228.7	20.10	215.3	19.47	197.5	18.62
	40.0	36.0	293.9	22.32	283.2	21.72	267.1	20.84	255.0	20.29	243.0	19.74	228.7	18.63	215.3	18.04	197.5	17.24
	45.0	41.0	293.9	20.44	283.2	20.03	267.1	19.40	255.0	18.81	243.0	18.23	228.7	17.19	215.3	16.63	197.5	15.89
	47.0	43.0	293.9	19.90	283.2	19.49	267.1	18.88	255.0	18.32	243.0	17.75	228.7	16.73	215.3	16.19	197.5	15.47
	50.0	46.0	293.9	19.17	283.2	18.77	267.1	18.19	255.0	17.64	243.0	17.10	228.7	16.11	215.3	15.59	197.5	14.90
	55.0	51.0	293.9	17.99	283.2	17.62	267.1	17.07	255.0	16.56	243.0	16.05	228.7	15.12	215.3	14.63	197.5	13.98
	60.0	56.0	293.9	16.73	283.2	16.39	267.1	15.87	255.0	15.40	243.0	14.92	228.7	14.06	215.3	13.61	197.5	13.00
90%	-21.6	-22.0	124.6	13.86	124.0	14.69	123.3	15.93	122.5	17.59	121.8	19.26	120.8	20.42	120.2	21.50	119.4	22.95
	-17.1	-17.5	144.6	15.50	144.0	16.32	143.1	17.56	142.1	19.22	141.1	20.89	140.0	22.05	139.3	23.13	138.3	24.58
	-12.6	-13.0	164.6	17.13	164.0	17.95	162.9	19.19	162.7	20.85	162.4	22.52	161.1	23.68	160.3	24.76	159.2	26.21
	-7.0	-7.6	188.7	19.08	187.9	19.91	186.7	21.15	185.9	22.81	185.1	24.47	183.6	25.63	182.6	26.72	181.4	28.17
	-4.0	-4.4	203.1	20.26	202.3	21.08	201.0	22.32	199.8	23.98	198.7	25.65	197.1	26.32	196.1	26.35	194.7	26.40
	0.0	-0.4	220.3	21.71	219.4	22.53	218.1	23.77	216.5	25.08	214.9	26.39	206.7	26.30	197.7	26.21	185.7	26.08
	5.0	4.5	243.8	23.52	240.8	24.34	236.3	25.58	229.4	25.94	222.5	26.29	209.4	25.91	196.7	25.22	179.7	24.29
	10.0	9.0	266.4	26.02	257.4	26.16	244.0	26.36	233.3	26.28	222.5	26.19	209.4	24.95	196.7	23.83	179.7	22.34
	15.0	14.0	269.5	26.37	259.3	26.31	244.0	26.23	233.3	25.63	222.5	25.03	209.4	23.67	196.7	22.60	179.7	21.18
	20.0	19.0	269.5	26.53	259.3	25.99	244.0	25.19	233.3	24.40	222.5	23.61	209.4	22.34	196.7	21.32	179.7	19.96
	25.0	23.0	269.5	24.95	259.3	24.45	244.0	23.70	233.3	22.96	222.5	22.22	209.4	21.03	196.7	20.06	179.7	18.77
	30.0	28.0	269.5	23.38	259.3	22.91	244.0	22.20	233.3	21.51	222.5	20.82	209.4	19.72	196.7	18.80	179.7	17.58
	35.0	32.0	269.5	21.80	259.3	21.36	244.0	20.70	233.3	20.07	222.5	19.43	209.4	18.41	196.7	17.54	179.7	16.39
	40.0	36.0	269.5	20.23	259.3	19.82	244.0	19.21	233.3	18.62	222.5	18.04	209.4	17.10	196.7	16.29	179.7	15.19
	45.0	41.0	269.5	18.68	259.3	18.30	244.0	17.74	233.3	17.20	222.5	16.67	209.4	15.82	196.7	15.05	179.7	14.02
	47.0	43.0	269.5	18.18	259.3	17.82	244.0	17.27	233.3	16.75	222.5	16.23	209.4	15.40	196.7	14.65	179.7	13.65
	50.0	46.0	269.5	17.51	259.3	17.16	244.0	16.63	233.3	16.13	222.5	15.63	209.4	14.83	196.7	14.11	179.7	13.15
	55.0	51.0	269.5	16.43	259.3	16.10	244.0	15.61	233.3	15.14	222.5	14.67	209.4	13.92	196.7	13.24	179.7	12.34
	60.0	56.0	269.5	15.28	259.3	14.98	244.0	14.52	233.3	14.08	222.5	13.64	209.4	12.94	196.7	12.32	179.7	11.48
80%	-21.6	-22.0	124.1	13.98	123.5	14.89	122.8	16.26	122.0	17.24	121.3	18.22	120.3	20.81	119.7	22.17	118.9	23.98
	-17.1	-17.5	144.0	15.61	143.4	16.52	142.5	17.89	141.5	18.87	140.5	19.85	139.4	22.44	138.7	23.80	137.7	25.61
	-12.6	-13.0	164.0	17.24	163.3	18.15	162.3	19.52	161.5	20.50	160.6	21.48	159.8	23.41	159.8	23.36	158.8	23.28
	-7.0	-7.6	187.9	19.20	187.1	20.11	186.0	21.48	185.1	22.46	184.3	23.44	181.5	23.33	177.8	23.28	172.8	23.21
	-4.0	-4.4	202.3	20.37	201.4	21.28	200.2	22.65	199.0	23.02	197.8	23.39	186.4	23.28	176.0	23.23	162.1	23.17
	0.0	-0.4	221.6	22.28	218.5	22.73	214.0	23.41	206.6	23.37	199.3	23.33	186.9	23.08	175.8	22.72	161.0	22.24
	5.0	4.5	237.2	23.42	229.8	23.39	218.8	23.34	209.1	23.30	199.3	23.25	186.9	22.22	175.8	21.54	161.0	20.64
	10.0	9.0	241.1	23.34	232.2	23.31	218.8	23.27	209.1	22.92	199.3	22.57	186.9	21.11	175.8	20.45	161.0	19.58
	15.0	14.0	241.1	23.35	232.2	23.24	218.8	23.07	209.1	22.22	199.3	21.38	186.9	20.02	175.8	19.39	161.0	18.54
	20.0	19.0	241.1	22.72	232.2	22.32	218.8	21.72	209.1	20.93	199.3	20.13	186.9	18.89	175.8	18.28	161.0	17.46
	25.0	23.0	241.1	21.35	232.2	20.97	218.8	20.40	209.1	19.66	199.3	18.92	186.9	17.79	175.8	17.19	161.0	16.40
	30.0	28.0	241.1	19.98	232.2	19.62	218.8	19.08	209.1	18.39	199.3	17.70	186.9	16.68	175.8	16.10	161.0	15.34
	35.0	32.0	241.1	18.61	232.2	18.27	218.8	17.75	209.1	17.12	199.3	16.49	186.9	15.57	175.8	15.02	161.0	14.28
	40.0	36.0	241.1	17.24	232.2	16.91	218.8	16.43	209.1	15.85	199.3	15.27	186.9	14.46	175.8	13.93	161.0	13.22
	45.0	41.0	241.1	15.89	232.2	15.59	218.8	15.13	209.1	14.61	199.3	14.08	186.9	13.37	175.8	12.86	161.0	12.18
	47.0	43.0	241.1	15.47	232.2	15.17	218.8	14.73	209.1	14.22	199.3	13.70	186.9	13.02	175.8	12.52	161.0	11.86
	50.0	46.0	241.1	14.90	232.2	14.61	218.8	14.19	209.1	13.69	199.3	13.20	186.9	12.54	175.8	12.06	161.0	11.42
	55.0	51.0	241.1	13.98	232.2	13.72	218.8	13.32	209.1	12.85	199.3	12.39	186.9	11.77	175.8	11.32	161.0	10.72
	60.0	56.0	241.1	13.00	232.2	12.76	218.8	12.39	209.1	11.95	199.3	11.52	186.9	10.95	175.8	10.53	161.0	9.97

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 70°F dry bulb (DB) and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
	°F DB	°F WB	59		61		64		67		70		73		76		80	
			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%	-21.6	-22.0	123.3	14.98	122.8	15.42	122.0	16.07	121.3	17.70	120.6	19.33	119.6	21.59	119.0	22.95	118.2	24.77
	-17.1	-17.5	143.2	16.61	142.6	17.05	141.7	17.70	140.7	19.33	139.7	20.96	138.6	22.57	137.9	22.53	136.9	22.47
	-12.6	-13.0	163.0	18.24	162.3	18.68	161.3	19.33	160.5	20.96	159.7	22.59	156.6	22.51	151.6	22.47	144.9	22.42
	-7.0	-7.6	186.1	20.20	186.0	20.63	185.9	21.29	177.4	21.90	168.9	22.51	159.6	22.44	150.5	22.41	138.3	22.38
	-4.0	-4.4	202.4	21.37	195.8	21.81	185.9	22.46	177.4	22.46	168.9	22.46	159.6	22.40	150.5	22.38	138.3	22.35
	0.0	-0.4	204.2	22.58	196.9	22.54	185.9	22.47	177.4	22.44	168.9	22.41	159.6	21.79	150.5	21.42	138.3	20.94
	5.0	4.5	204.2	22.45	196.9	22.40	185.9	22.31	177.4	21.98	168.9	21.64	159.6	20.63	150.5	20.24	138.3	19.72
	10.0	9.0	204.2	22.32	196.9	22.25	185.9	22.15	177.4	21.29	168.9	20.43	159.6	19.47	150.5	19.06	138.3	18.51
	15.0	14.0	204.2	22.61	196.9	21.98	185.9	21.03	177.4	20.14	168.9	19.25	159.6	18.33	150.5	17.90	138.3	17.31
	20.0	19.0	204.2	21.14	196.9	20.55	185.9	19.66	177.4	18.84	168.9	18.02	159.6	17.15	150.5	16.69	138.3	16.07
	25.0	23.0	204.2	19.69	196.9	19.14	185.9	18.33	177.4	17.57	168.9	16.81	159.6	15.99	150.5	15.50	138.3	14.85
	30.0	28.0	204.2	18.24	196.9	17.74	185.9	16.99	177.4	16.30	168.9	15.61	159.6	14.83	150.5	14.32	138.3	13.64
	35.0	32.0	204.2	16.79	196.9	16.34	185.9	15.66	177.4	15.03	168.9	14.40	159.6	13.67	150.5	13.14	138.3	12.42
	40.0	36.0	204.2	15.34	196.9	14.94	185.9	14.32	177.4	13.76	168.9	13.19	159.6	12.51	150.5	11.95	138.3	11.20
	45.0	41.0	204.2	13.94	196.9	13.57	185.9	13.03	177.4	12.52	168.9	12.02	159.6	11.39	150.5	10.81	138.3	10.03
	47.0	43.0	204.2	13.57	196.9	13.21	185.9	12.68	177.4	12.19	168.9	11.70	159.6	11.09	150.5	10.52	138.3	9.76
	50.0	46.0	204.2	13.07	196.9	12.73	185.9	12.21	177.4	11.74	168.9	11.27	159.6	10.68	150.5	10.13	138.3	9.40
	55.0	51.0	204.2	12.26	196.9	11.94	185.9	11.46	177.4	11.02	168.9	10.58	159.6	10.02	150.5	9.51	138.3	8.83
	60.0	56.0	204.2	11.40	196.9	11.11	185.9	10.66	177.4	10.25	168.9	9.84	159.6	9.32	150.5	8.84	138.3	8.21
60%	-21.6	-22.0	114.2	13.81	113.7	14.24	113.0	14.89	112.3	16.52	111.6	18.15	110.7	20.42	110.2	21.78	109.4	23.59
	-17.1	-17.5	132.5	15.44	132.0	15.87	131.2	16.52	130.2	18.15	129.3	19.78	128.1	21.39	127.0	21.34	125.6	21.27
	-12.6	-13.0	151.3	17.07	150.3	17.50	148.8	18.15	146.8	19.78	144.9	21.41	136.4	21.32	128.9	21.27	118.9	21.21
	-7.0	-7.6	174.9	19.02	168.9	19.46	159.9	20.11	152.4	20.71	144.9	21.31	136.4	21.24	128.9	21.20	118.9	21.14
	-4.0	-4.4	174.9	20.20	168.9	20.63	159.9	21.28	152.4	21.27	144.9	21.25	136.4	20.92	128.9	20.30	118.9	19.46
	0.0	-0.4	174.9	21.41	168.9	21.39	159.9	21.35	152.4	21.07	144.9	20.78	136.4	20.04	128.9	19.36	118.9	18.45
	5.0	4.5	174.9	21.34	168.9	21.30	159.9	21.25	152.4	20.44	144.9	19.62	136.4	18.88	128.9	18.21	118.9	17.32
	10.0	9.0	174.9	21.70	168.9	21.22	159.9	20.51	152.4	19.48	144.9	18.45	136.4	17.72	128.9	17.06	118.9	16.18
	15.0	14.0	174.9	20.69	168.9	20.10	159.9	19.21	152.4	18.26	144.9	17.31	136.4	16.59	128.9	15.94	118.9	15.07
	20.0	19.0	174.9	19.30	168.9	18.72	159.9	17.86	152.4	16.99	144.9	16.12	136.4	15.40	128.9	14.76	118.9	13.91
	25.0	23.0	174.9	17.94	168.9	17.38	159.9	16.53	152.4	15.74	144.9	14.96	136.4	14.24	128.9	13.62	118.9	12.78
	30.0	28.0	174.9	16.58	168.9	16.03	159.9	15.21	152.4	14.50	144.9	13.79	136.4	13.08	128.9	12.47	118.9	11.65
	35.0	32.0	174.9	15.23	168.9	14.69	159.9	13.88	152.4	13.25	144.9	12.63	136.4	11.92	128.9	11.32	118.9	10.51
	40.0	36.0	174.9	13.87	168.9	13.34	159.9	12.56	152.4	12.01	144.9	11.46	136.4	10.76	128.9	10.17	118.9	9.38
	45.0	41.0	174.9	12.55	168.9	12.04	159.9	11.28	152.4	10.81	144.9	10.33	136.4	9.64	128.9	9.06	118.9	8.29
	47.0	43.0	174.9	12.22	168.9	11.72	159.9	10.98	152.4	10.52	144.9	10.06	136.4	9.39	128.9	8.82	118.9	8.07
	50.0	46.0	174.9	11.76	168.9	11.29	159.9	10.57	152.4	10.13	144.9	9.69	136.4	9.04	128.9	8.50	118.9	7.77
	55.0	51.0	174.9	11.04	168.9	10.60	159.9	9.92	152.4	9.51	144.9	9.09	136.4	8.49	128.9	7.98	118.9	7.30
	60.0	56.0	174.9	10.27	168.9	9.85	159.9	9.23	152.4	8.84	144.9	8.46	136.4	7.89	128.9	7.42	118.9	6.78
50%	-21.6	-22.0	105.7	11.85	105.2	12.28	104.6	12.93	104.0	14.56	103.3	16.19	101.9	18.46	100.2	19.82	97.9	21.63
	-17.1	-17.5	122.7	13.48	122.2	13.91	121.4	14.56	119.0	16.19	116.6	17.83	112.2	19.42	107.8	19.34	101.8	19.24
	-12.6	-13.0	146.3	15.11	140.9	15.54	132.9	16.19	126.9	17.83	120.9	19.46	113.8	19.33	107.2	19.25	98.3	19.14
	-7.0	-7.6	146.3	17.06	140.9	17.50	132.9	18.15	126.9	18.75	120.9	19.34	113.8	18.84	107.2	17.92	98.3	16.69
	-4.0	-4.4	146.3	18.24	140.9	18.67	132.9	19.33	126.9	19.30	120.9	19.28	113.8	18.16	107.2	17.27	98.3	16.08
	0.0	-0.4	146.3	19.47	140.9	19.42	132.9	19.34	126.9	18.89	120.9	18.45	113.8	17.31	107.2	16.46	98.3	15.32
	5.0	4.5	146.3	19.83	140.9	19.32	132.9	18.54	126.9	17.93	120.9	17.32	113.8	16.26	107.2	15.45	98.3	14.37
	10.0	9.0	146.3	19.42	140.9	18.59	132.9	17.36	126.9	16.77	120.9	16.19	113.8	15.20	107.2	14.44	98.3	13.42
	15.0	14.0	146.3	18.11	140.9	17.34	132.9	16.19	126.9	15.64	120.9	15.08	113.8	14.17	107.2	13.45	98.3	12.48
	20.0	19.0	146.3	16.75	140.9	16.04	132.9	14.98	126.9	14.45	120.9	13.93	113.8	13.09	107.2	12.41	98.3	11.51
	25.0	23.0	146.3	15.41	140.9	14.76	132.9	13.80	126.9	13.30	120.9	12.80	113.8	12.03	107.2	11.40	98.3	10.56
	30.0	28.0	146.3	14.08	140.9	13.49	132.9	12.61	126.9	12.14	120.9	11.67	113.8	10.98	107.2	10.39	98.3	9.61
	35.0	32.0	146.3	12.74	140.9	12.21	132.9	11.42	126.9	10.98	120.9	10.54	113.8	9.92	107.2	9.38	98.3	8.66
	40.0	36.0	146.3	11.41	140.9	10.94	132.9	10.23	126.9	9.82	120.9	9.41	113.8	8.87	107.2	8.37	98.3	7.71
	45.0	41.0	146.3	10.12	140.9	9.71	132.9	9.09	126.9	8.71	120.9	8.32	113.8	7.85	107.2	7.40	98.3	6.80
	47.0	43.0	146.3	9.86	140.9	9.45	132.9	8.85	126.9	8.48	120.9	8.10	113.8	7.64	107.2	7.21	98.3	6.62
	50.0	46.0	146.3	9.49	140.9	9.11	132.9	8.53	126.9	8.16	120.9	7.80	113.8	7.36	107.2	6.94	98.3	6.38
	55.0	51.0	146.3	8.91	140.9	8.55	132.9	8.00	126.9	7.66	120.9	7.32	113.8	6.91	107.2	6.51	98.3	5.98
	60.0	56.0	146.3	8.29	140.9	7.95	132.9	7.44	126.9	7.13	120.9	6.81	113.8	6.43	107.2	6.06	98.3	5.57

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).

HEATING CAPACITY DATA



ARUM264CTE5

264,000 Btu/h 575V Outdoor 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%	-21.6	-22.0	155.4	9.85	154.8	11.20	153.8	13.24	152.9	15.16	152.0	17.09	150.8	19.56	150.0	20.96	149.0	22.82
	-17.1	-17.5	180.4	11.87	179.7	13.19	178.6	15.18	177.3	17.04	176.1	18.90	174.7	21.16	173.8	22.41	172.6	24.07
	-12.6	-13.0	213.0	13.89	210.7	15.18	207.2	17.13	204.9	18.92	202.7	20.72	201.0	22.77	200.0	23.86	198.6	25.32
	-7.0	-7.6	242.8	16.31	240.1	17.57	236.2	19.47	233.6	21.18	230.9	22.89	229.1	24.70	227.9	25.61	226.3	26.82
	-4.0	-4.4	260.6	17.77	257.8	19.01	253.5	20.87	250.7	22.53	247.9	24.20	245.9	25.86	244.6	26.66	243.0	27.72
	0.0	-0.4	282.7	19.56	279.6	20.78	275.0	22.60	271.9	24.20	268.9	25.81	266.7	27.29	265.3	27.95	263.5	28.83
	5.0	4.5	310.2	21.81	306.8	22.99	301.7	24.76	298.4	26.29	295.1	27.83	292.7	29.07	291.2	29.56	289.2	30.21
	10.0	9.0	337.7	24.05	334.0	25.20	328.5	26.92	324.9	28.38	321.2	29.84	318.6	30.86	317.0	31.18	314.9	31.60
	15.0	14.0	364.7	26.25	360.7	27.37	354.8	29.04	350.8	30.43	346.9	31.82	344.1	32.52	342.3	32.46	340.0	32.38
	20.0	19.0	390.5	28.54	387.1	29.62	382.1	31.25	377.5	31.81	373.0	32.38	361.3	31.74	341.0	31.07	313.9	30.18
	25.0	23.0	396.1	31.41	396.6	31.84	397.3	32.47	391.4	32.04	385.5	31.60	362.1	30.24	340.7	29.58	312.1	28.70
	30.0	28.0	396.6	32.54	396.6	32.45	396.6	32.30	391.0	31.16	385.5	30.02	362.1	28.74	340.7	28.09	312.1	27.23
	35.0	32.0	396.6	33.19	396.6	32.30	396.6	30.98	391.0	29.71	385.5	28.44	362.1	27.24	340.7	26.61	312.1	25.76
	40.0	36.0	396.6	31.83	396.6	30.65	396.6	28.88	391.0	27.87	385.5	26.86	362.1	25.74	340.7	25.12	312.1	24.28
	45.0	41.0	396.6	28.30	396.6	27.70	396.6	26.81	391.0	26.04	385.5	25.27	362.1	24.24	340.7	23.62	312.1	22.80
	47.0	43.0	396.6	27.55	396.6	26.97	396.6	26.10	391.0	25.35	385.5	24.60	362.1	23.59	340.7	23.00	312.1	22.20
	50.0	46.0	396.6	26.53	396.6	25.97	396.6	25.14	391.0	24.41	385.5	23.69	362.1	22.72	340.7	22.15	312.1	21.38
	55.0	51.0	396.6	24.90	396.6	24.38	396.6	23.59	391.0	22.92	385.5	22.24	362.1	21.33	340.7	20.79	312.1	20.07
	60.0	56.0	396.6	23.16	396.6	22.67	396.6	21.94	391.0	21.31	385.5	20.68	362.1	19.83	340.7	19.33	312.1	18.66
120%	-21.6	-22.0	154.3	12.13	153.7	13.15	152.7	14.67	151.8	16.00	150.9	17.33	149.7	18.18	148.9	18.37	147.9	18.63
	-17.1	-17.5	179.2	14.03	178.4	15.05	177.3	16.57	176.1	17.90	174.9	19.24	173.4	20.09	172.6	20.28	171.4	20.53
	-12.6	-13.0	207.6	15.94	206.3	16.95	204.3	18.48	202.8	19.81	201.2	21.14	199.6	21.99	198.6	22.18	197.2	22.43
	-7.0	-7.6	239.6	18.22	237.4	19.24	234.0	20.76	231.6	22.09	229.3	23.42	227.4	24.27	226.3	24.46	224.7	24.72
	-4.0	-4.4	257.3	19.59	254.8	20.61	251.2	22.13	248.7	23.46	246.1	24.79	244.2	25.64	242.9	25.83	241.3	26.09
	0.0	-0.4	279.0	21.28	276.4	22.30	272.4	23.82	269.7	25.15	267.0	26.49	264.8	27.34	263.4	27.53	261.6	27.78
	5.0	4.5	306.2	23.40	303.3	24.41	298.9	25.94	295.9	27.27	293.0	28.60	290.6	29.45	289.1	29.64	287.1	29.90
	10.0	9.0	333.3	25.51	330.2	26.53	325.5	28.05	322.2	29.38	319.0	30.72	316.4	31.57	314.8	31.76	312.6	32.01
	15.0	14.0	360.0	27.59	356.6	28.60	351.5	30.12	348.0	31.46	344.4	32.79	335.8	33.48	321.5	33.34	302.4	33.15
	20.0	19.0	386.4	29.74	382.9	30.76	377.7	32.28	369.5	32.38	361.4	32.49	340.5	31.88	319.8	31.70	292.1	31.46
	25.0	23.0	396.1	32.92	393.4	32.87	389.2	32.81	375.3	31.84	361.4	30.88	340.5	30.32	319.8	30.10	292.1	29.81
	30.0	28.0	396.1	32.98	393.4	32.17	389.2	30.96	375.3	30.11	361.4	29.27	340.5	28.75	319.8	28.49	292.1	28.15
	35.0	32.0	396.1	30.85	393.4	30.15	389.2	29.11	375.3	28.38	361.4	27.66	340.5	27.18	319.8	26.89	292.1	26.50
	40.0	36.0	396.1	28.71	393.4	28.13	389.2	27.26	375.3	26.65	361.4	26.05	340.5	25.61	319.8	25.28	292.1	24.85
	45.0	41.0	396.1	26.60	393.4	26.13	389.2	25.42	375.3	24.93	361.4	24.44	340.5	24.04	319.8	23.68	292.1	23.20
	47.0	43.0	396.1	25.89	393.4	25.43	389.2	24.74	375.3	24.27	361.4	23.79	340.5	23.40	319.8	23.05	292.1	22.59
	50.0	46.0	396.1	24.94	393.4	24.50	389.2	23.83	375.3	23.37	361.4	22.92	340.5	22.54	319.8	22.20	292.1	21.75
	55.0	51.0	396.1	23.91	393.4	22.99	389.2	22.37	375.3	21.94	361.4	21.51	340.5	21.16	319.8	20.84	292.1	20.42
	60.0	56.0	396.1	21.77	393.4	21.38	389.2	20.80	375.3	20.40	361.4	20.00	340.5	19.68	319.8	19.38	292.1	18.99
110%	-21.6	-22.0	153.5	15.43	152.9	16.19	151.9	17.33	151.0	18.59	150.1	19.85	148.9	22.18	148.1	24.08	147.1	26.62
	-17.1	-17.5	178.2	17.33	177.5	18.09	176.3	19.24	175.1	20.49	173.9	21.75	172.5	24.08	171.6	25.99	170.4	28.52
	-12.6	-13.0	203.5	19.24	202.9	20.00	202.1	21.14	201.1	22.40	200.1	23.65	198.5	25.99	197.5	27.89	196.1	30.43
	-7.0	-7.6	233.6	21.52	232.5	22.28	230.8	23.42	229.4	24.68	228.1	25.94	226.2	28.27	225.1	30.17	223.5	32.71
	-4.0	-4.4	251.8	22.89	250.2	23.65	247.9	24.79	246.3	26.05	244.8	27.31	242.8	29.64	241.6	31.54	239.9	34.08
	0.0	-0.4	274.1	24.58	272.1	25.34	269.0	26.49	267.3	27.74	265.5	29.00	263.4	31.33	262.0	33.24	260.2	35.77
	5.0	4.5	302.0	26.70	299.4	27.46	295.5	28.60	293.4	29.86	291.4	31.11	287.4	32.77	282.6	33.21	276.2	33.80
	10.0	9.0	330.0	28.81	326.8	29.57	322.0	30.72	319.6	31.97	317.2	33.23	303.9	32.80	288.8	32.18	268.7	31.36
	15.0	14.0	357.4	30.88	353.6	31.65	347.9	32.79	336.2	32.71	324.5	32.63	305.5	31.76	288.2	30.75	265.2	29.41
	20.0	19.0	392.0	33.83	378.2	33.44	357.5	32.86	341.0	32.02	324.5	31.18	305.5	30.22	288.2	29.28	265.2	28.03
	25.0	23.0	392.0	33.24	378.2	32.53	357.5	31.46	341.0	30.53	324.5	29.59	305.5	28.71	288.2	27.84	265.2	26.68
	30.0	28.0	392.0	31.53	378.2	30.73	357.5	29.54	341.0	28.77	324.5	28.00	305.5	27.19	288.2	26.40	265.2	25.33
	35.0	32.0	392.0	29.13	378.2	28.52	357.5	27.61	341.0	27.01	324.5	26.41	305.5	25.68	288.2	24.95	265.2	23.98
	40.0	36.0	392.0	26.73	378.2	26.31	357.5	25.68	341.0	25.25	324.5	24.82	305.5	24.17	288.2	23.51	265.2	22.63
	45.0	41.0	392.0	24.39	378.2	24.15	357.5	23.78	341.0	23.51	324.5	23.23	305.5	22.66	288.2	22.07	265.2	21.28
	47.0	43.0	392.0	23.74	378.2	23.51	357.5	23.15	341.0	22.88	324.5	22.61	305.5	22.06	288.2	21.48	265.2	20.71
	50.0	46.0	392.0	22.87	378.2	22.64	357.5	22.30	341.0	22.04	324.5	21.78	305.5	21.24	288.2	20.69	265.2	19.95
	55.0	51.0	392.0	21.46	378.2	21.25	357.5	20.93	341.0	20.69	324.5	20.44	305.5	19.94	288.2	19.42	265.2	18.73
	60.0	56.0	392.0	19.96	378.2	19.76	357.5	19.46	341.0	19.24	324.5	19.01	305.5	18.54	288.2	18.06	265.2	17.41

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).

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
	°F DB	°F WB	59		61		64		67		70		73		76		80	
			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%	-21.6	-22.0	152.9	12.56	152.2	14.36	151.3	17.07	150.4	18.90	149.5	20.74	148.3	23.31	147.5	24.90	146.5	27.01
	-17.1	-17.5	177.5	15.11	176.7	16.60	175.6	18.84	174.4	20.71	173.2	22.57	171.8	25.19	170.9	26.72	169.8	28.75
	-12.6	-13.0	202.1	17.53	201.2	18.84	200.0	20.80	199.6	22.60	199.3	24.41	197.7	27.07	196.7	28.54	195.3	30.50
	-7.0	-7.6	231.6	20.45	230.6	21.53	229.2	23.15	228.1	24.88	227.1	26.61	225.3	29.32	224.1	30.72	222.6	32.58
	-4.0	-4.4	249.3	22.19	248.2	23.14	246.7	24.56	245.3	26.24	243.8	27.93	241.8	30.67	240.6	32.03	239.0	33.84
	0.0	-0.4	270.4	24.35	269.3	25.13	267.6	26.30	266.0	27.92	264.4	29.55	261.6	32.02	258.8	32.65	255.1	33.49
	5.0	4.5	296.8	27.05	295.5	27.62	293.7	28.47	290.5	30.03	287.2	31.59	275.7	32.39	264.6	32.29	249.7	32.15
	10.0	9.0	319.6	29.74	315.8	30.10	310.1	30.65	303.5	31.54	297.0	32.43	279.5	31.90	263.2	31.13	241.4	30.11
	15.0	14.0	345.0	32.59	337.6	32.54	326.5	32.47	311.7	32.25	297.0	32.04	279.5	30.36	263.2	29.44	241.4	28.21
	20.0	19.0	359.2	32.73	346.1	32.39	326.5	31.88	311.7	31.05	297.0	30.21	279.5	28.61	263.2	27.74	241.4	26.57
	25.0	23.0	359.2	32.76	346.1	31.43	326.5	29.42	311.7	28.92	297.0	28.42	279.5	26.90	263.2	26.07	241.4	24.96
	30.0	28.0	359.2	30.53	346.1	29.40	326.5	27.72	311.7	27.17	297.0	26.63	279.5	25.18	263.2	24.40	241.4	23.35
	35.0	32.0	359.2	28.29	346.1	27.38	326.5	26.02	311.7	25.43	297.0	24.84	279.5	23.46	263.2	22.72	241.4	21.74
	40.0	36.0	359.2	26.05	346.1	25.36	326.5	24.32	311.7	23.68	297.0	23.05	279.5	21.75	263.2	21.05	241.4	20.13
	45.0	41.0	359.2	23.87	346.1	23.38	326.5	22.64	311.7	21.96	297.0	21.28	279.5	20.06	263.2	19.41	241.4	18.55
	47.0	43.0	359.2	23.23	346.1	22.76	326.5	22.04	311.7	21.38	297.0	20.72	279.5	19.53	263.2	18.90	241.4	18.06
	50.0	46.0	359.2	22.38	346.1	21.92	326.5	21.23	311.7	20.59	297.0	19.96	279.5	18.81	263.2	18.20	241.4	17.39
	55.0	51.0	359.2	21.00	346.1	20.57	326.5	19.92	311.7	19.33	297.0	18.73	279.5	17.65	263.2	17.08	241.4	16.32
	60.0	56.0	359.2	19.53	346.1	19.13	326.5	18.53	311.7	17.97	297.0	17.42	279.5	16.42	263.2	15.89	241.4	15.18
90%	-21.6	-22.0	152.2	16.18	151.6	17.15	150.7	18.60	149.8	20.54	148.9	22.48	147.7	23.83	146.9	25.10	145.9	26.79
	-17.1	-17.5	176.7	18.09	176.0	19.05	174.9	20.50	173.7	22.44	172.5	24.38	171.1	25.74	170.2	27.00	169.1	28.70
	-12.6	-13.0	201.2	19.99	200.4	20.96	199.1	22.40	198.8	24.34	198.5	26.29	196.9	27.64	195.9	28.91	194.5	30.60
	-7.0	-7.6	230.6	22.28	229.7	23.24	228.2	24.69	227.2	26.63	226.2	28.57	224.4	29.92	223.2	31.19	221.7	32.88
	-4.0	-4.4	248.3	23.65	247.2	24.61	245.7	26.06	244.2	28.00	242.8	29.94	240.8	30.72	239.6	30.76	238.0	30.81
	0.0	-0.4	269.3	25.34	268.2	26.30	266.5	27.75	264.6	29.28	262.7	30.81	252.6	30.70	241.6	30.59	227.0	30.44
	5.0	4.5	298.0	27.45	294.3	28.42	288.8	29.86	280.4	30.28	272.0	30.69	256.0	30.25	240.4	29.44	219.6	28.36
	10.0	9.0	325.6	30.37	314.6	30.53	298.2	30.77	285.1	30.67	272.0	30.58	256.0	29.12	240.4	27.82	219.6	26.08
	15.0	14.0	329.4	30.78	316.9	30.71	298.2	30.62	285.1	29.92	272.0	29.21	256.0	27.63	240.4	26.38	219.6	24.72
	20.0	19.0	329.4	30.97	316.9	30.34	298.2	29.41	285.1	28.48	272.0	27.56	256.0	26.07	240.4	24.88	219.6	23.30
	25.0	23.0	329.4	29.13	316.9	28.54	298.2	27.66	285.1	26.80	272.0	25.93	256.0	24.55	240.4	23.42	219.6	21.91
	30.0	28.0	329.4	27.29	316.9	26.74	298.2	25.91	285.1	25.11	272.0	24.31	256.0	23.02	240.4	21.95	219.6	20.52
	35.0	32.0	329.4	25.45	316.9	24.94	298.2	24.17	285.1	23.43	272.0	22.68	256.0	21.49	240.4	20.48	219.6	19.13
	40.0	36.0	329.4	23.61	316.9	23.13	298.2	22.42	285.1	21.74	272.0	21.06	256.0	19.97	240.4	19.01	219.6	17.74
	45.0	41.0	329.4	21.80	316.9	21.36	298.2	20.70	285.1	20.08	272.0	19.46	256.0	18.46	240.4	17.57	219.6	16.37
	47.0	43.0	329.4	21.22	316.9	20.80	298.2	20.16	285.1	19.55	272.0	18.95	256.0	17.97	240.4	17.10	219.6	15.94
	50.0	46.0	329.4	20.44	316.9	20.03	298.2	19.41	285.1	18.83	272.0	18.25	256.0	17.31	240.4	16.47	219.6	15.35
	55.0	51.0	329.4	19.18	316.9	18.80	298.2	18.22	285.1	17.67	272.0	17.13	256.0	16.25	240.4	15.46	219.6	14.41
	60.0	56.0	329.4	17.84	316.9	17.48	298.2	16.94	285.1	16.44	272.0	15.93	256.0	15.11	240.4	14.38	219.6	13.40
80%	-21.6	-22.0	151.6	16.32	151.0	17.38	150.0	18.98	149.1	20.13	148.3	21.27	147.1	24.29	146.3	25.88	145.3	27.99
	-17.1	-17.5	176.0	18.22	175.3	19.29	174.2	20.89	173.0	22.03	171.8	23.17	170.4	26.19	169.5	27.78	168.4	29.90
	-12.6	-13.0	200.4	20.13	199.6	21.19	198.3	22.79	197.3	23.93	196.3	25.07	195.4	27.33	195.3	27.26	195.3	27.18
	-7.0	-7.6	229.7	22.41	228.7	23.48	227.3	25.07	226.3	26.22	225.3	27.36	221.8	27.23	217.3	27.17	211.2	27.09
	-4.0	-4.4	247.2	23.78	246.2	24.85	244.7	26.44	243.2	26.87	241.8	27.30	227.8	27.18	215.1	27.12	198.2	27.04
	0.0	-0.4	270.8	26.01	267.1	26.54	261.5	27.33	252.6	27.28	243.6	27.23	228.5	26.94	214.9	26.52	196.7	25.96
	5.0	4.5	289.9	27.34	280.9	27.30	267.5	27.25	255.5	27.19	243.6	27.14	228.5	25.93	214.9	25.14	196.7	24.09
	10.0	9.0	294.7	27.25	283.8	27.22	267.5	27.17	255.5	26.76	243.6	26.34	228.5	24.64	214.9	23.87	196.7	22.85
	15.0	14.0	294.7	27.26	283.8	27.13	267.5	26.93	255.5	25.94	243.6	24.95	228.5	23.37	214.9	22.63	196.7	21.64
	20.0	19.0	294.7	26.52	283.8	26.06	267.5	25.36	255.5	24.43	243.6	23.50	228.5	22.05	214.9	21.34	196.7	20.38
	25.0	23.0	294.7	24.92	283.8	24.48	267.5	23.81	255.5	22.95	243.6	22.08	228.5	20.76	214.9	20.07	196.7	19.14
	30.0	28.0	294.7	23.32	283.8	22.90	267.5	22.27	255.5	21.47	243.6	20.66	228.5	19.47	214.9	18.80	196.7	17.91
	35.0	32.0	294.7	21.72	283.8	21.32	267.5	20.72	255.5	19.98	243.6	19.24	228.5	18.18	214.9	17.53	196.7	16.67
	40.0	36.0	294.7	20.12	283.8	19.74	267.5	19.18	255.5	18.50	243.6	17.83	228.5	16.88	214.9	16.26	196.7	15.43
	45.0	41.0	294.7	18.55	283.8	18.20	267.5	17.67	255.5	17.05	243.6	16.43	228.5	15.61	214.9	15.01	196.7	14.22
	47.0	43.0	294.7	18.06	283.8	17.71	267.5	17.20	255.5	16.60	243.6	16.00	228.5	15.20	214.9	14.62	196.7	13.84
	50.0	46.0	294.7	17.39	283.8	17.06	267.5	16.56	255.5	15.98	243.6	15.41	228.5	14.64	214.9	14.08	196.7	13.33
	55.0	51.0	294.7	16.32	283.8	16.01	267.5	15.55	255.5	15.00	243.6	14.46	228.5	13.74	214.9	13.21	196.7	12.51
	60.0	56.0	294.7	15.18	283.8	14.89	267.5	14.46	255.5	13.95	243.6	13.45	228.5	12.78	214.9	12.29	196.7	11.63

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).

HEATING CAPACITY DATA



ARUM264CTE5

264,000 Btu/h 575V Outdoor Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
	°F DB	°F WB	59		61		64		67		70		73		76		80	
			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%	-21.6	-22.0	150.7	17.49	150.1	18.00	149.2	18.76	148.3	20.66	147.4	22.56	146.2	25.21	145.4	26.79	144.5	28.91
	-17.1	-17.5	175.0	19.39	174.3	19.90	173.2	20.66	172.0	22.56	170.8	24.47	169.4	26.35	168.5	26.29	167.4	26.23
	-12.6	-13.0	199.2	21.30	198.4	21.80	197.2	22.56	196.2	24.47	195.2	26.37	191.4	26.28	185.3	26.23	177.2	26.18
	-7.0	-7.6	227.5	23.58	227.4	24.09	227.2	24.85	216.8	25.56	206.4	26.28	195.1	26.19	183.9	26.16	169.0	26.12
	-4.0	-4.4	247.4	24.95	239.3	25.46	227.2	26.22	216.8	26.22	206.4	26.22	195.1	26.14	183.9	26.12	169.0	26.09
	0.0	-0.4	249.6	26.36	240.7	26.31	227.2	26.24	216.8	26.19	206.4	26.15	195.1	25.43	183.9	25.01	169.0	24.44
	5.0	4.5	249.6	26.21	240.7	26.14	227.2	26.05	216.8	25.65	206.4	25.26	195.1	24.08	183.9	23.63	169.0	23.02
	10.0	9.0	249.6	26.06	240.7	25.98	227.2	25.86	216.8	24.86	206.4	23.85	195.1	22.72	183.9	22.24	169.0	21.60
	15.0	14.0	249.6	26.40	240.7	25.66	227.2	24.54	216.8	23.51	206.4	22.47	195.1	21.40	183.9	20.89	169.0	20.21
	20.0	19.0	249.6	24.67	240.7	23.99	227.2	22.95	216.8	21.99	206.4	21.03	195.1	20.02	183.9	19.48	169.0	18.76
	25.0	23.0	249.6	22.98	240.7	22.35	227.2	21.40	216.8	20.51	206.4	19.63	195.1	18.67	183.9	18.10	169.0	17.34
	30.0	28.0	249.6	21.29	240.7	20.71	227.2	19.84	216.8	19.03	206.4	18.22	195.1	17.31	183.9	16.72	169.0	15.92
	35.0	32.0	249.6	19.60	240.7	19.07	227.2	18.28	216.8	17.55	206.4	16.81	195.1	15.96	183.9	15.33	169.0	14.50
	40.0	36.0	249.6	17.91	240.7	17.43	227.2	16.72	216.8	16.06	206.4	15.40	195.1	14.61	183.9	13.95	169.0	13.08
	45.0	41.0	249.6	16.27	240.7	15.84	227.2	15.21	216.8	14.62	206.4	14.03	195.1	13.29	183.9	12.61	169.0	11.71
	47.0	43.0	249.6	15.84	240.7	15.42	227.2	14.80	216.8	14.23	206.4	13.66	195.1	12.94	183.9	12.28	169.0	11.40
	50.0	46.0	249.6	15.25	240.7	14.85	227.2	14.26	216.8	13.71	206.4	13.16	195.1	12.46	183.9	11.83	169.0	10.98
	55.0	51.0	249.6	14.32	240.7	13.94	227.2	13.38	216.8	12.87	206.4	12.35	195.1	11.70	183.9	11.10	169.0	10.30
	60.0	56.0	249.6	13.31	240.7	12.97	227.2	12.44	216.8	11.96	206.4	11.48	195.1	10.88	183.9	10.32	169.0	9.58
60%	-21.6	-22.0	139.5	16.12	139.0	16.62	138.1	17.38	137.3	19.29	136.4	21.19	135.3	23.83	134.6	25.42	133.7	27.54
	-17.1	-17.5	162.0	18.02	161.3	18.53	160.3	19.29	159.2	21.19	158.1	23.09	156.6	24.97	155.3	24.91	153.5	24.83
	-12.6	-13.0	184.9	19.92	183.7	20.43	181.8	21.19	179.5	23.09	177.1	25.00	166.7	24.89	157.6	24.83	145.4	24.76
	-7.0	-7.6	213.8	22.21	206.4	22.71	195.5	23.48	186.3	24.18	177.1	24.88	166.7	24.80	157.6	24.75	145.4	24.68
	-4.0	-4.4	213.8	23.58	206.4	24.08	195.5	24.85	186.3	24.83	177.1	24.81	166.7	24.43	157.6	23.69	145.4	22.72
	0.0	-0.4	213.8	24.99	206.4	24.96	195.5	24.92	186.3	24.59	177.1	24.26	166.7	23.40	157.6	22.60	145.4	21.54
	5.0	4.5	213.8	24.91	206.4	24.87	195.5	24.81	186.3	23.86	177.1	22.90	166.7	22.04	157.6	21.26	145.4	20.21
	10.0	9.0	213.8	25.33	206.4	24.78	195.5	23.94	186.3	22.74	177.1	21.54	166.7	20.69	157.6	19.92	145.4	18.89
	15.0	14.0	213.8	24.15	206.4	23.46	195.5	22.42	186.3	21.31	177.1	20.21	166.7	19.36	157.6	18.60	145.4	17.59
	20.0	19.0	213.8	22.53	206.4	21.86	195.5	20.84	186.3	19.83	177.1	18.82	166.7	17.98	157.6	17.24	145.4	16.24
	25.0	23.0	213.8	20.95	206.4	20.29	195.5	19.30	186.3	18.38	177.1	17.46	166.7	16.63	157.6	15.89	145.4	14.92
	30.0	28.0	213.8	19.36	206.4	18.72	195.5	17.75	186.3	16.92	177.1	16.10	166.7	15.27	157.6	14.55	145.4	13.59
	35.0	32.0	213.8	17.77	206.4	17.15	195.5	16.20	186.3	15.47	177.1	14.74	166.7	13.92	157.6	13.21	145.4	12.27
	40.0	36.0	213.8	16.19	206.4	15.57	195.5	14.66	186.3	14.02	177.1	13.38	166.7	12.56	157.6	11.87	145.4	10.95
	45.0	41.0	213.8	14.65	206.4	14.05	195.5	13.16	186.3	12.61	177.1	12.06	166.7	11.26	157.6	10.58	145.4	9.68
	47.0	43.0	213.8	14.26	206.4	13.68	195.5	12.82	186.3	12.28	177.1	11.74	166.7	10.96	157.6	10.30	145.4	9.42
	50.0	46.0	213.8	13.73	206.4	13.18	195.5	12.34	186.3	11.83	177.1	11.31	166.7	10.55	157.6	9.92	145.4	9.07
	55.0	51.0	213.8	12.89	206.4	12.37	195.5	11.58	186.3	11.10	177.1	10.61	166.7	9.90	157.6	9.31	145.4	8.52
	60.0	56.0	213.8	11.99	206.4	11.50	195.5	10.77	186.3	10.32	177.1	9.87	166.7	9.21	157.6	8.66	145.4	7.92
50%	-21.6	-22.0	129.2	13.83	128.6	14.34	127.8	15.10	127.1	17.00	126.3	18.90	124.6	21.55	122.5	23.13	119.7	25.25
	-17.1	-17.5	149.9	15.73	149.3	16.24	148.4	17.00	145.5	18.90	142.5	20.81	137.1	22.67	131.7	22.58	124.5	22.46
	-12.6	-13.0	178.8	17.64	172.2	18.14	162.5	18.90	155.1	20.81	147.8	22.71	139.1	22.57	131.0	22.47	120.1	22.34
	-7.0	-7.6	178.8	19.92	172.2	20.43	162.5	21.19	155.1	21.89	147.8	22.58	139.1	21.99	131.0	20.92	120.1	19.49
	-4.0	-4.4	178.8	21.29	172.2	21.80	162.5	22.56	155.1	22.53	147.8	22.50	139.1	21.20	131.0	20.16	120.1	18.77
	0.0	-0.4	178.8	22.73	172.2	22.67	162.5	22.57	155.1	22.05	147.8	21.54	139.1	20.21	131.0	19.21	120.1	17.88
	5.0	4.5	178.8	23.15	172.2	22.55	162.5	21.65	155.1	20.93	147.8	20.22	139.1	18.98	131.0	18.03	120.1	16.77
	10.0	9.0	178.8	22.66	172.2	21.70	162.5	20.26	155.1	19.58	147.8	18.90	139.1	17.74	131.0	16.85	120.1	15.66
	15.0	14.0	178.8	21.14	172.2	20.24	162.5	18.90	155.1	18.25	147.8	17.60	139.1	16.54	131.0	15.70	120.1	14.57
	20.0	19.0	178.8	19.55	172.2	18.72	162.5	17.49	155.1	16.87	147.8	16.26	139.1	15.28	131.0	14.49	120.1	13.44
	25.0	23.0	178.8	17.99	172.2	17.24	162.5	16.10	155.1	15.52	147.8	14.94	139.1	14.05	131.0	13.31	120.1	12.33
	30.0	28.0	178.8	16.43	172.2	15.75	162.5	14.72	155.1	14.17	147.8	13.62	139.1	12.81	131.0	12.13	120.1	11.22
	35.0	32.0	178.8	14.87	172.2	14.26	162.5	13.33	155.1	12.82	147.8	12.30	139.1	11.58	131.0	10.95	120.1	10.11
	40.0	36.0	178.8	13.31	172.2	12.77	162.5	11.95	155.1	11.46	147.8	10.98	139.1	10.35	131.0	9.77	120.1	9.00
	45.0	41.0	178.8	11.82	172.2	11.34	162.5	10.62	155.1	10.16	147.8	9.71	139.1	9.17	131.0	8.64	120.1	7.94
	47.0	43.0	178.8	11.50	172.2	11.04	162.5	10.33	155.1	9.89	147.8	9.46	139.1	8.92	131.0	8.41	120.1	7.73
	50.0	46.0	178.8	11.08	172.2	10.63	162.5	9.95	155.1	9.53	147.8	9.11	139.1	8.59	131.0	8.10	120.1	7.44
	55.0	51.0	178.8	10.40	172.2	9.98	162.5	9.34	155.1	8.94	147.8	8.55	139.1	8.07	131.0	7.60	120.1	6.99
	60.0	56.0	178.8	9.67	172.2	9.28	162.5	8.69	155.1	8.32	147.8	7.95	139.1	7.50	131.0	7.07	120.1	6.50

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).

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
	°F DB	°F WB	59		61		64		67		70		73		76		80	
			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%	-21.6	-22.0	169.6	10.55	168.9	12.00	167.8	14.18	166.8	16.25	165.8	18.31	164.5	20.95	163.6	22.45	162.5	24.45
	-17.1	-17.5	196.9	12.71	196.0	14.14	194.8	16.27	193.5	18.26	192.1	20.25	190.6	22.68	189.6	24.01	188.3	25.79
	-12.6	-13.0	232.4	14.88	229.9	16.27	226.1	18.35	223.6	20.27	221.1	22.20	219.3	24.40	218.2	25.57	216.7	27.13
	-7.0	-7.6	264.9	17.48	262.0	18.83	257.6	20.86	254.8	22.69	251.9	24.53	249.9	26.47	248.6	27.44	246.9	28.73
	-4.0	-4.4	284.3	19.04	281.2	20.36	276.6	22.36	273.5	24.14	270.4	25.93	268.3	27.71	266.9	28.56	265.1	29.70
	0.0	-0.4	308.4	20.96	305.0	22.26	300.0	24.21	296.6	25.93	293.3	27.65	290.9	29.24	289.4	29.94	287.5	30.89
	5.0	4.5	338.4	23.36	334.7	24.63	329.2	26.53	325.5	28.17	321.9	29.81	319.3	31.15	317.6	31.67	315.5	32.37
	10.0	9.0	368.4	25.77	364.4	27.00	358.4	28.84	354.4	30.41	350.4	31.97	347.6	33.07	345.8	33.41	343.5	33.86
	15.0	14.0	397.9	28.13	393.5	29.32	387.0	31.11	382.7	32.60	378.4	34.09	375.4	34.84	373.5	34.77	370.9	34.69
	20.0	19.0	426.0	30.58	422.3	31.74	416.8	33.48	411.9	34.09	406.9	34.69	394.1	34.01	372.0	33.29	342.4	32.33
	25.0	23.0	432.1	33.65	432.6	34.11	433.4	34.79	427.0	34.33	420.6	33.86	395.0	32.40	371.6	31.70	340.5	30.75
	30.0	28.0	432.6	34.87	432.6	34.76	432.6	34.61	426.6	33.39	420.6	32.17	395.0	30.80	371.6	30.10	340.5	29.17
	35.0	32.0	432.6	35.56	432.6	34.61	432.6	33.19	426.6	31.83	420.6	30.47	395.0	29.19	371.6	28.51	340.5	27.60
	40.0	36.0	432.6	34.10	432.6	32.84	432.6	30.94	426.6	29.86	420.6	28.78	395.0	27.58	371.6	26.91	340.5	26.02
	45.0	41.0	432.6	30.32	432.6	29.68	432.6	28.72	426.6	27.90	420.6	27.08	395.0	25.97	371.6	25.31	340.5	24.43
	47.0	43.0	432.6	29.52	432.6	28.89	432.6	27.96	426.6	27.16	420.6	26.36	395.0	25.28	371.6	24.64	340.5	23.79
	50.0	46.0	432.6	28.43	432.6	27.83	432.6	26.93	426.6	26.16	420.6	25.39	395.0	24.35	371.6	23.73	340.5	22.91
	55.0	51.0	432.6	26.68	432.6	26.12	432.6	25.28	426.6	24.55	420.6	23.83	395.0	22.85	371.6	22.27	340.5	21.50
	60.0	56.0	432.6	24.81	432.6	24.29	432.6	23.51	426.6	22.83	420.6	22.16	395.0	21.25	371.6	20.71	340.5	20.00
120%	-21.6	-22.0	168.4	13.00	167.7	14.08	166.6	15.72	165.6	17.14	164.6	18.57	163.3	19.48	162.5	19.69	161.4	19.96
	-17.1	-17.5	195.5	15.04	194.6	16.12	193.4	17.76	192.1	19.18	190.8	20.61	189.2	21.52	188.2	21.73	187.0	22.00
	-12.6	-13.0	226.4	17.08	225.0	18.16	222.9	19.79	221.2	21.22	219.5	22.65	217.7	23.56	216.6	23.76	215.1	24.04
	-7.0	-7.6	261.4	19.52	259.0	20.61	255.2	22.24	252.7	23.67	250.1	25.10	248.1	26.01	246.9	26.21	245.2	26.48
	-4.0	-4.4	280.6	20.99	278.0	22.08	274.0	23.71	271.3	25.14	268.5	26.57	266.3	27.48	265.0	27.68	263.2	27.95
	0.0	-0.4	304.4	22.80	301.5	23.89	297.2	25.52	294.2	26.95	291.2	28.38	288.9	29.29	287.4	29.49	285.4	29.76
	5.0	4.5	334.0	25.07	330.8	26.16	326.1	27.79	322.8	29.22	319.6	30.64	317.0	31.55	315.4	31.76	313.2	32.03
	10.0	9.0	363.7	27.34	360.2	28.42	355.1	30.05	351.5	31.48	348.0	32.91	345.1	33.82	343.4	34.02	341.0	34.30
	15.0	14.0	392.7	29.56	389.0	30.64	383.4	32.28	379.6	33.70	375.8	35.13	366.3	35.87	350.7	35.72	329.9	35.52
	20.0	19.0	421.5	31.87	417.7	32.95	412.0	34.59	403.1	34.70	394.3	34.81	371.5	34.16	348.8	33.97	318.6	33.71
	25.0	23.0	432.1	35.27	429.1	35.22	424.6	35.15	409.5	34.12	394.3	33.08	371.5	32.48	348.8	32.25	318.6	31.94
	30.0	28.0	432.1	35.34	429.1	34.47	424.6	33.17	409.5	32.26	394.3	31.36	371.5	30.80	348.8	30.53	318.6	30.16
	35.0	32.0	432.1	33.05	429.1	32.30	424.6	31.19	409.5	30.41	394.3	29.64	371.5	29.12	348.8	28.81	318.6	28.39
	40.0	36.0	432.1	30.76	429.1	30.14	424.6	29.20	409.5	28.56	394.3	27.91	371.5	27.44	348.8	27.09	318.6	26.62
	45.0	41.0	432.1	28.50	429.1	27.99	424.6	27.23	409.5	26.71	394.3	26.19	371.5	25.76	348.8	25.37	318.6	24.86
	47.0	43.0	432.1	27.74	429.1	27.25	424.6	26.51	409.5	26.00	394.3	25.49	371.5	25.08	348.8	24.70	318.6	24.20
	50.0	46.0	432.1	26.72	429.1	26.24	424.6	25.53	409.5	25.04	394.3	24.55	371.5	24.15	348.8	23.79	318.6	23.31
	55.0	51.0	432.1	25.08	429.1	24.63	424.6	23.97	409.5	23.51	394.3	23.04	371.5	22.67	348.8	22.33	318.6	21.88
	60.0	56.0	432.1	23.32	429.1	22.91	424.6	22.29	409.5	21.86	394.3	21.43	371.5	21.08	348.8	20.76	318.6	20.34
110%	-21.6	-22.0	167.5	16.53	166.8	17.35	165.7	18.57	164.7	19.92	163.7	21.26	162.4	23.76	161.6	25.80	160.5	28.52
	-17.1	-17.5	194.4	18.57	193.6	19.39	192.4	20.61	191.0	21.96	189.7	23.30	188.2	25.80	187.2	27.84	185.9	30.56
	-12.6	-13.0	222.0	20.61	221.4	21.43	220.5	22.65	219.4	24.00	218.3	25.34	216.5	27.84	215.4	29.88	214.0	32.60
	-7.0	-7.6	254.8	23.06	253.6	23.87	251.8	25.10	250.3	26.44	248.8	27.79	246.8	30.29	245.5	32.33	243.8	35.05
	-4.0	-4.4	274.6	24.53	272.9	25.34	270.4	26.57	268.7	27.91	267.1	29.26	264.9	31.76	263.6	33.80	261.8	36.52
	0.0	-0.4	299.0	26.34	296.8	27.15	293.5	28.38	291.6	29.72	289.6	31.07	287.3	33.57	285.8	35.61	283.9	38.33
	5.0	4.5	329.5	28.60	326.7	29.42	322.4	30.64	320.1	31.99	317.9	33.34	313.6	35.11	308.3	35.58	301.3	36.22
	10.0	9.0	360.0	30.87	356.5	31.69	351.3	32.91	348.7	34.26	346.1	35.60	331.5	35.14	315.0	34.48	293.1	33.60
	15.0	14.0	389.8	33.09	385.7	33.91	379.6	35.13	366.8	35.05	354.0	34.96	333.3	34.03	314.4	32.95	289.3	31.51
	20.0	19.0	427.7	36.24	412.6	35.83	390.0	35.21	372.0	34.31	354.0	33.41	333.3	32.38	314.4	31.37	289.3	30.04
	25.0	23.0	427.7	35.61	412.6	34.85	390.0	33.71	372.0	32.71	354.0	31.71	333.3	30.76	314.4	29.83	289.3	28.59
	30.0	28.0	427.7	33.78	412.6	32.93	390.0	31.65	372.0	30.82	354.0	30.00	333.3	29.14	314.4	28.28	289.3	27.14
	35.0	32.0	427.7	31.21	412.6	30.56	390.0	29.58	372.0	28.94	354.0	28.30	333.3	27.52	314.4	26.74	289.3	25.70
	40.0	36.0	427.7	28.63	412.6	28.19	390.0	27.52	372.0	27.05	354.0	26.59	333.3	25.90	314.4	25.19	289.3	24.25
	45.0	41.0	427.7	26.13	412.6	25.87	390.0	25.48	372.0	25.19	354.0	24.89	333.3	24.28	314.4	23.64	289.3	22.80
	47.0	43.0	427.7	25.44	412.6	25.18	390.0	24.81	372.0	24.52	354.0	24.23	333.3	23.63	314.4	23.02	289.3	22.19
	50.0	46.0	427.7	24.50	412.6	24.26	390.0	23.89	372.0	23.61	354.0	23.34	333.3	22.76	314.4	22.17	289.3	21.38
	55.0	51.0	427.7	22.99	412.6	22.77	390.0	22.42	372.0	22.16	354.0	21.90	333.3	21.36	314.4	20.81	289.3	20.06
	60.0	56.0	427.7	21.38	412.6	21.17	390.0	20.85	372.0	20.61	354.0	20.37	333.3	19.87	314.4	19.35	289.3	18.66

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).

HEATING CAPACITY DATA



ARUM288CTE5

288,000 Btu/h 575V Outdoor 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%	-21.6	-22.0	166.8	13.45	166.1	15.39	165.0	18.28	164.1	20.25	163.1	22.22	161.7	24.98	160.9	26.68	159.8	28.94
	-17.1	-17.5	193.6	16.19	192.8	17.79	191.6	20.18	190.3	22.19	188.9	24.19	187.4	26.99	186.5	28.63	185.2	30.81
	-12.6	-13.0	220.4	18.79	219.5	20.18	218.1	22.28	217.8	24.22	217.4	26.15	215.7	29.00	214.6	30.57	213.1	32.67
	-7.0	-7.6	252.6	21.91	251.6	23.06	250.0	24.80	248.9	26.65	247.8	28.51	245.8	31.41	244.5	32.91	242.8	34.91
	-4.0	-4.4	271.9	23.78	270.8	24.79	269.1	26.31	267.5	28.11	266.0	29.92	263.8	32.86	262.5	34.31	260.7	36.25
	0.0	-0.4	295.0	26.09	293.8	26.92	291.9	28.17	290.2	29.92	288.5	31.67	285.4	34.30	282.4	34.98	278.3	35.88
	5.0	4.5	323.7	28.98	322.4	29.59	320.4	30.50	316.9	32.18	313.3	33.85	300.8	34.70	288.6	34.59	272.3	34.45
	10.0	9.0	348.7	31.87	344.5	32.25	338.3	32.84	331.1	33.79	324.0	34.74	305.0	34.18	287.1	33.36	263.3	32.26
	15.0	14.0	376.4	34.92	368.3	34.87	356.1	34.79	340.1	34.56	324.0	34.33	305.0	32.53	287.1	31.55	263.3	30.23
	20.0	19.0	391.8	35.07	377.6	34.70	356.1	34.15	340.1	33.26	324.0	32.37	305.0	30.66	287.1	29.72	263.3	28.47
	25.0	23.0	391.8	35.11	377.6	33.67	356.1	31.52	340.1	30.98	324.0	30.45	305.0	28.82	287.1	27.93	263.3	26.74
	30.0	28.0	391.8	32.71	377.6	31.50	356.1	29.70	340.1	29.12	324.0	28.53	305.0	26.98	287.1	26.14	263.3	25.02
	35.0	32.0	391.8	30.31	377.6	29.34	356.1	27.88	340.1	27.25	324.0	26.61	305.0	25.14	287.1	24.35	263.3	23.29
	40.0	36.0	391.8	27.91	377.6	27.17	356.1	26.06	340.1	25.38	324.0	24.69	305.0	23.30	287.1	22.56	263.3	21.57
	45.0	41.0	391.8	25.57	377.6	25.05	356.1	24.26	340.1	23.53	324.0	22.80	305.0	21.49	287.1	20.80	263.3	19.87
	47.0	43.0	391.8	24.89	377.6	24.38	356.1	23.62	340.1	22.91	324.0	22.20	305.0	20.92	287.1	20.25	263.3	19.35
	50.0	46.0	391.8	23.97	377.6	23.48	356.1	22.74	340.1	22.06	324.0	21.38	305.0	20.15	287.1	19.50	263.3	18.63
	55.0	51.0	391.8	22.50	377.6	22.04	356.1	21.35	340.1	20.71	324.0	20.07	305.0	18.92	287.1	18.30	263.3	17.49
	60.0	56.0	391.8	20.93	377.6	20.50	356.1	19.85	340.1	19.26	324.0	18.66	305.0	17.59	287.1	17.02	263.3	16.26
90%	-21.6	-22.0	166.1	17.34	165.4	18.37	164.4	19.92	163.4	22.00	162.4	24.08	161.1	25.53	160.3	26.89	159.2	28.71
	-17.1	-17.5	192.8	19.38	192.0	20.41	190.8	21.96	189.5	24.04	188.2	26.12	186.6	27.57	185.7	28.93	184.4	30.75
	-12.6	-13.0	219.5	21.42	218.6	22.45	217.2	24.00	216.9	26.08	216.5	28.16	214.8	29.61	213.7	30.97	212.2	32.78
	-7.0	-7.6	251.6	23.87	250.5	24.90	249.0	26.45	247.9	28.53	246.8	30.61	244.8	32.06	243.5	33.42	241.8	35.23
	-4.0	-4.4	270.8	25.33	269.7	26.37	268.0	27.92	266.5	30.00	264.9	32.08	262.7	32.91	261.4	32.96	259.6	33.02
	0.0	-0.4	293.8	27.15	292.6	28.18	290.8	29.73	288.7	31.37	286.6	33.01	275.6	32.90	263.6	32.78	247.6	32.62
	5.0	4.5	325.1	29.41	321.1	30.45	315.1	32.00	305.9	32.44	296.7	32.89	279.3	32.41	262.2	31.54	239.6	30.38
	10.0	9.0	355.1	32.54	343.2	32.71	325.3	32.97	311.0	32.86	296.7	32.76	279.3	31.21	262.2	29.81	239.6	27.94
	15.0	14.0	359.3	32.98	345.7	32.91	325.3	32.80	311.0	32.05	296.7	31.30	279.3	29.60	262.2	28.27	239.6	26.48
	20.0	19.0	359.3	33.18	345.7	32.51	325.3	31.51	311.0	30.52	296.7	29.53	279.3	27.93	262.2	26.66	239.6	24.96
	25.0	23.0	359.3	31.21	345.7	30.58	325.3	29.64	311.0	28.71	296.7	27.79	279.3	26.30	262.2	25.09	239.6	23.47
	30.0	28.0	359.3	29.24	345.7	28.65	325.3	27.77	311.0	26.91	296.7	26.05	279.3	24.66	262.2	23.52	239.6	21.98
	35.0	32.0	359.3	27.27	345.7	26.72	325.3	25.89	311.0	25.10	296.7	24.30	279.3	23.03	262.2	21.94	239.6	20.49
	40.0	36.0	359.3	25.30	345.7	24.79	325.3	24.02	311.0	23.29	296.7	22.56	279.3	21.39	262.2	20.37	239.6	19.00
	45.0	41.0	359.3	23.36	345.7	22.89	325.3	22.18	311.0	21.52	296.7	20.85	279.3	19.78	262.2	18.82	239.6	17.54
	47.0	43.0	359.3	22.74	345.7	22.28	325.3	21.60	311.0	20.95	296.7	20.30	279.3	19.26	262.2	18.32	239.6	17.07
	50.0	46.0	359.3	21.90	345.7	21.46	325.3	20.80	311.0	20.17	296.7	19.55	279.3	18.55	262.2	17.65	239.6	16.44
	55.0	51.0	359.3	20.56	345.7	20.14	325.3	19.52	311.0	18.94	296.7	18.35	279.3	17.41	262.2	16.56	239.6	15.44
	60.0	56.0	359.3	19.12	345.7	18.73	325.3	18.15	311.0	17.61	296.7	17.06	279.3	16.19	262.2	15.40	239.6	14.35
80%	-21.6	-22.0	165.4	17.48	164.7	18.63	163.7	20.34	162.7	21.56	161.7	22.79	160.4	26.03	159.6	27.73	158.5	29.99
	-17.1	-17.5	192.0	19.52	191.2	20.67	190.0	22.38	188.7	23.60	187.4	24.83	185.9	28.07	184.9	29.77	183.7	32.03
	-12.6	-13.0	218.6	21.56	217.7	22.70	216.4	24.42	215.3	25.64	214.2	26.86	213.1	29.28	213.1	29.21	213.0	29.12
	-7.0	-7.6	250.6	24.01	249.5	25.15	248.0	26.86	246.8	28.09	245.7	29.31	242.0	29.18	237.0	29.11	230.4	29.03
	-4.0	-4.4	269.7	25.48	268.6	26.62	266.9	28.33	265.3	28.79	263.7	29.25	248.5	29.12	234.7	29.06	216.2	28.97
	0.0	-0.4	295.4	27.87	291.4	28.43	285.3	29.28	275.5	29.23	265.7	29.17	249.2	28.86	234.4	28.41	214.6	27.81
	5.0	4.5	316.3	29.29	306.5	29.25	291.8	29.19	278.8	29.14	265.7	29.08	249.2	27.78	234.4	26.94	214.6	25.81
	10.0	9.0	321.4	29.19	309.6	29.16	291.8	29.11	278.8	28.67	265.7	28.22	249.2	26.40	234.4	25.58	214.6	24.49
	15.0	14.0	321.4	29.21	309.6	29.07	291.8	28.86	278.8	27.79	265.7	26.73	249.2	25.04	234.4	24.25	214.6	23.19
	20.0	19.0	321.4	28.42	309.6	27.92	291.8	27.17	278.8	26.18	265.7	25.18	249.2	23.63	234.4	22.86	214.6	21.84
	25.0	23.0	321.4	26.70	309.6	26.23	291.8	25.51	278.8	24.59	265.7	23.66	249.2	22.25	234.4	21.50	214.6	20.51
	30.0	28.0	321.4	24.99	309.6	24.54	291.8	23.86	278.8	23.00	265.7	22.14	249.2	20.86	234.4	20.14	214.6	19.18
	35.0	32.0	321.4	23.27	309.6	22.85	291.8	22.21	278.8	21.41	265.7	20.62	249.2	19.48	234.4	18.78	214.6	17.86
	40.0	36.0	321.4	21.56	309.6	21.15	291.8	20.55	278.8	19.82	265.7	19.10	249.2	18.09	234.4	17.42	214.6	16.53
	45.0	41.0	321.4	19.87	309.6	19.50	291.8	18.93	278.8	18.27	265.7	17.61	249.2	16.73	234.4	16.09	214.6	15.23
	47.0	43.0	321.4	19.35	309.6	18.98	291.8	18.43	278.8	17.78	265.7	17.14	249.2	16.28	234.4	15.66	214.6	14.83
	50.0	46.0	321.4	18.63	309.6	18.28	291.8	17.75	278.8	17.13	265.7	16.51	249.2	15.68	234.4	15.08	214.6	14.28
	55.0	51.0	321.4	17.49	309.6	17.16	291.8	16.66	278.8	16.07	265.7	15.49	249.2	14.72	234.4	14.16	214.6	13.40
	60.0	56.0	321.4	16.26	309.6	15.95	291.8	15.49	278.8	14.95	265.7	14.41	249.2	13.69	234.4	13.16	214.6	12.47

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).

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
	°F DB	°F WB	59		61		64		67		70		73		76		80	
			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%	-21.6	-22.0	164.4	18.74	163.8	19.28	162.7	20.10	161.8	22.14	160.8	24.18	159.5	27.01	158.7	28.71	157.6	30.97
	-17.1	-17.5	190.9	20.78	190.1	21.32	188.9	22.14	187.6	24.18	186.3	26.22	184.8	28.23	183.8	28.17	182.6	28.10
	-12.6	-13.0	217.3	22.82	216.4	23.36	215.1	24.18	214.0	26.22	212.9	28.25	208.8	28.15	202.1	28.11	193.3	28.05
	-7.0	-7.6	248.2	25.26	248.1	25.81	247.9	26.62	236.5	27.39	225.2	28.16	212.9	28.07	200.6	28.03	184.4	27.99
	-4.0	-4.4	269.9	26.73	261.1	27.28	247.9	28.09	236.5	28.09	225.2	28.10	212.9	28.01	200.6	27.98	184.4	27.95
	0.0	-0.4	272.3	28.24	262.5	28.19	247.9	28.11	236.5	28.07	225.2	28.02	212.9	27.25	200.6	26.79	184.4	26.19
	5.0	4.5	272.3	28.08	262.5	28.01	247.9	27.91	236.5	27.49	225.2	27.06	212.9	25.80	200.6	25.31	184.4	24.67
	10.0	9.0	272.3	27.92	262.5	27.83	247.9	27.71	236.5	26.63	225.2	25.55	212.9	24.35	200.6	23.83	184.4	23.15
	15.0	14.0	272.3	28.28	262.5	27.49	247.9	26.30	236.5	25.19	225.2	24.08	212.9	22.93	200.6	22.38	184.4	21.65
	20.0	19.0	272.3	26.44	262.5	25.70	247.9	24.59	236.5	23.57	225.2	22.54	212.9	21.45	200.6	20.87	184.4	20.10
	25.0	23.0	272.3	24.62	262.5	23.94	247.9	22.92	236.5	21.98	225.2	21.03	212.9	20.00	200.6	19.39	184.4	18.58
	30.0	28.0	272.3	22.81	262.5	22.19	247.9	21.25	236.5	20.39	225.2	19.52	212.9	18.55	200.6	17.91	184.4	17.06
	35.0	32.0	272.3	21.00	262.5	20.43	247.9	19.59	236.5	18.80	225.2	18.01	212.9	17.10	200.6	16.43	184.4	15.53
	40.0	36.0	272.3	19.19	262.5	18.68	247.9	17.92	236.5	17.21	225.2	16.50	212.9	15.65	200.6	14.95	184.4	14.01
	45.0	41.0	272.3	17.43	262.5	16.98	247.9	16.29	236.5	15.66	225.2	15.04	212.9	14.24	200.6	13.51	184.4	12.55
	47.0	43.0	272.3	16.97	262.5	16.53	247.9	15.86	236.5	15.25	225.2	14.64	212.9	13.86	200.6	13.16	184.4	12.21
	50.0	46.0	272.3	16.34	262.5	15.92	247.9	15.28	236.5	14.69	225.2	14.10	212.9	13.35	200.6	12.67	184.4	11.76
	55.0	51.0	272.3	15.34	262.5	14.94	247.9	14.34	236.5	13.78	225.2	13.23	212.9	12.53	200.6	11.89	184.4	11.04
	60.0	56.0	272.3	14.26	262.5	13.89	247.9	13.33	236.5	12.82	225.2	12.30	212.9	11.65	200.6	11.06	184.4	10.27
60%	-21.6	-22.0	152.2	17.27	151.6	17.81	150.6	18.63	149.7	20.67	148.8	22.71	147.6	25.54	146.9	27.24	145.9	29.50
	-17.1	-17.5	176.7	19.31	176.0	19.85	174.9	20.67	173.7	22.71	172.5	24.74	170.8	26.75	169.4	26.69	167.5	26.60
	-12.6	-13.0	201.7	21.35	200.4	21.89	198.4	22.71	195.8	24.74	193.2	26.78	181.9	26.67	171.9	26.61	158.6	26.53
	-7.0	-7.6	233.2	23.79	225.2	24.34	213.2	25.15	203.2	25.90	193.2	26.66	181.9	26.57	171.9	26.51	158.6	26.44
	-4.0	-4.4	233.2	25.26	225.2	25.80	213.2	26.62	203.2	26.60	193.2	26.58	181.9	26.17	171.9	25.39	158.6	24.34
	0.0	-0.4	233.2	26.78	225.2	26.75	213.2	26.70	203.2	26.35	193.2	25.99	181.9	25.07	171.9	24.22	158.6	23.08
	5.0	4.5	233.2	26.69	225.2	26.65	213.2	26.58	203.2	25.56	193.2	24.54	181.9	23.62	171.9	22.78	158.6	21.66
	10.0	9.0	233.2	27.14	225.2	26.54	213.2	25.65	203.2	24.36	193.2	23.08	181.9	22.17	171.9	21.34	158.6	20.24
	15.0	14.0	233.2	25.88	225.2	25.14	213.2	24.02	203.2	22.84	193.2	21.65	181.9	20.74	171.9	19.93	158.6	18.85
	20.0	19.0	233.2	24.14	225.2	23.42	213.2	22.33	203.2	21.25	193.2	20.16	181.9	19.26	171.9	18.47	158.6	17.40
	25.0	23.0	233.2	22.44	225.2	21.74	213.2	20.68	203.2	19.69	193.2	18.71	181.9	17.81	171.9	17.03	158.6	15.98
	30.0	28.0	233.2	20.74	225.2	20.05	213.2	19.02	203.2	18.13	193.2	17.25	181.9	16.36	171.9	15.59	158.6	14.57
	35.0	32.0	233.2	19.04	225.2	18.37	213.2	17.36	203.2	16.58	193.2	15.79	181.9	14.91	171.9	14.15	158.6	13.15
	40.0	36.0	233.2	17.34	225.2	16.69	213.2	15.70	203.2	15.02	193.2	14.33	181.9	13.46	171.9	12.72	158.6	11.73
	45.0	41.0	233.2	15.69	225.2	15.06	213.2	14.11	203.2	13.51	193.2	12.92	181.9	12.06	171.9	11.33	158.6	10.37
	47.0	43.0	233.2	15.28	225.2	14.66	213.2	13.73	203.2	13.16	193.2	12.58	181.9	11.74	171.9	11.03	158.6	10.09
	50.0	46.0	233.2	14.71	225.2	14.12	213.2	13.22	203.2	12.67	193.2	12.12	181.9	11.31	171.9	10.63	158.6	9.72
	55.0	51.0	233.2	13.81	225.2	13.25	213.2	12.41	203.2	11.89	193.2	11.37	181.9	10.61	171.9	9.97	158.6	9.12
	60.0	56.0	233.2	12.84	225.2	12.32	213.2	11.54	203.2	11.06	193.2	10.58	181.9	9.87	171.9	9.28	158.6	8.49
50%	-21.6	-22.0	140.9	14.82	140.3	15.36	139.4	16.18	138.6	18.22	137.8	20.25	135.9	23.09	133.6	24.79	130.6	27.05
	-17.1	-17.5	163.6	16.86	162.9	17.40	161.9	18.22	158.7	20.25	155.5	22.29	149.6	24.29	143.7	24.19	135.8	24.06
	-12.6	-13.0	195.0	18.90	187.9	19.44	177.2	20.25	169.2	22.29	161.3	24.33	151.8	24.18	142.9	24.07	131.0	23.93
	-7.0	-7.6	195.0	21.34	187.9	21.89	177.2	22.70	169.2	23.45	161.3	24.19	151.8	23.57	142.9	22.41	131.0	20.88
	-4.0	-4.4	195.0	22.81	187.9	23.35	177.2	24.17	169.2	24.14	161.3	24.11	151.8	22.71	142.9	21.59	131.0	20.11
	0.0	-0.4	195.0	24.36	187.9	24.29	177.2	24.18	169.2	23.63	161.3	23.07	151.8	21.65	142.9	20.58	131.0	19.16
	5.0	4.5	195.0	24.81	187.9	24.16	177.2	23.19	169.2	22.43	161.3	21.66	151.8	20.33	142.9	19.32	131.0	17.97
	10.0	9.0	195.0	24.28	187.9	23.25	177.2	21.71	169.2	20.98	161.3	20.25	151.8	19.01	142.9	18.06	131.0	16.78
	15.0	14.0	195.0	22.65	187.9	21.69	177.2	20.25	169.2	19.56	161.3	18.86	151.8	17.72	142.9	16.82	131.0	15.61
	20.0	19.0	195.0	20.94	187.9	20.06	177.2	18.74	169.2	18.08	161.3	17.42	151.8	16.37	142.9	15.53	131.0	14.40
	25.0	23.0	195.0	19.27	187.9	18.47	177.2	17.25	169.2	16.63	161.3	16.00	151.8	15.05	142.9	14.26	131.0	13.21
	30.0	28.0	195.0	17.60	187.9	16.87	177.2	15.77	169.2	15.18	161.3	14.59	151.8	13.73	142.9	13.00	131.0	12.02
	35.0	32.0	195.0	15.94	187.9	15.28	177.2	14.28	169.2	13.73	161.3	13.18	151.8	12.41	142.9	11.73	131.0	10.83
	40.0	36.0	195.0	14.27	187.9	13.68	177.2	12.80	169.2	12.28	161.3	11.76	151.8	11.09	142.9	10.47	131.0	9.65
	45.0	41.0	195.0	12.66	187.9	12.15	177.2	11.37	169.2	10.89	161.3	10.41	151.8	9.82	142.9	9.26	131.0	8.51
	47.0	43.0	195.0	12.33	187.9	11.82	177.2	11.07	169.2	10.60	161.3	10.13	151.8	9.56	142.9	9.01	131.0	8.28
	50.0	46.0	195.0	11.87	187.9	11.39	177.2	10.66	169.2	10.21	161.3	9.76	151.8	9.21	142.9	8.68	131.0	7.98
	55.0	51.0	195.0	11.14	187.9	10.69	177.2	10.01	169.2	9.58	161.3	9.16	151.8	8.64	142.9	8.15	131.0	7.49
	60.0	56.0	195.0	10.36	187.9	9.94	177.2	9.31	169.2	8.91	161.3	8.52	151.8	8.04	142.9	7.58	131.0	6.96

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 70°F dry bulb (DB) and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

HEATING CAPACITY DATA



ARUM312CTE5

312,000 Btu/h 575V Outdoor Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
	°F DB	°F WB	59		61		64		67		70		73		76		80	
			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%	-21.6	-22.0	183.7	11.64	182.9	13.24	181.8	15.65	180.7	17.92	179.6	20.20	178.2	23.11	177.3	24.77	176.0	26.97
	-17.1	-17.5	213.3	14.03	212.4	15.59	211.0	17.95	209.6	20.14	208.1	22.34	206.4	25.01	205.4	26.49	204.0	28.45
	-12.6	-13.0	251.8	16.41	249.0	17.95	244.9	20.25	242.2	22.37	239.5	24.49	237.6	26.91	236.3	28.21	234.7	29.93
	-7.0	-7.6	286.9	19.28	283.8	20.77	279.1	23.01	276.0	25.03	272.9	27.06	270.7	29.20	269.3	30.27	267.5	31.70
	-4.0	-4.4	308.0	21.00	304.7	22.46	299.6	24.66	296.3	26.63	293.0	28.60	290.6	30.56	289.1	31.51	287.2	32.76
	0.0	-0.4	334.0	23.12	330.4	24.56	324.9	26.71	321.3	28.61	317.7	30.51	315.2	32.25	313.6	33.03	311.4	34.07
	5.0	4.5	366.6	25.78	362.6	27.17	356.6	29.26	352.6	31.08	348.7	32.89	345.9	34.37	344.1	34.94	341.8	35.71
	10.0	9.0	399.1	28.43	394.8	29.78	388.3	31.82	384.0	33.55	379.6	35.27	376.6	36.48	374.7	36.85	372.1	37.35
	15.0	14.0	431.0	31.03	426.3	32.35	419.3	34.32	414.6	35.97	410.0	37.61	406.7	38.43	404.6	38.36	401.8	38.27
	20.0	19.0	461.5	33.73	457.5	35.01	451.6	36.93	446.2	37.60	440.8	38.27	427.0	37.52	403.0	36.72	371.0	35.67
	25.0	23.0	468.1	37.12	468.7	37.63	469.5	38.38	462.6	37.87	455.6	37.35	427.9	35.74	402.6	34.97	368.9	33.93
	30.0	28.0	468.7	38.46	468.7	38.35	468.7	38.18	462.1	36.83	455.6	35.48	427.9	33.97	402.6	33.21	368.9	32.18
	35.0	32.0	468.7	39.23	468.7	38.18	468.7	36.61	462.1	35.11	455.6	33.62	427.9	32.20	402.6	31.45	368.9	30.44
	40.0	36.0	468.7	37.62	468.7	36.23	468.7	34.13	462.1	32.94	455.6	31.75	427.9	30.43	402.6	29.69	368.9	28.70
	45.0	41.0	468.7	33.45	468.7	32.74	468.7	31.69	462.1	30.78	455.6	29.87	427.9	28.64	402.6	27.92	368.9	26.95
	47.0	43.0	468.7	32.56	468.7	31.87	468.7	30.85	462.1	29.96	455.6	29.08	427.9	27.88	402.6	27.18	368.9	26.24
	50.0	46.0	468.7	31.36	468.7	30.70	468.7	29.71	462.1	28.86	455.6	28.01	427.9	26.86	402.6	26.18	368.9	25.27
	55.0	51.0	468.7	29.43	468.7	28.81	468.7	27.88	462.1	27.09	455.6	26.29	427.9	25.21	402.6	24.57	368.9	23.72
	60.0	56.0	468.7	27.37	468.7	26.80	468.7	25.93	462.1	25.19	455.6	24.44	427.9	23.44	402.6	22.85	368.9	22.06
120%	-21.6	-22.0	182.4	14.34	181.6	15.54	180.5	17.34	179.4	18.91	178.3	20.49	176.9	21.49	176.0	21.72	174.8	22.02
	-17.1	-17.5	211.7	16.59	210.9	17.79	209.5	19.59	208.1	21.16	206.6	22.74	205.0	23.74	203.9	23.97	202.5	24.27
	-12.6	-13.0	245.3	18.84	243.8	20.04	241.5	21.84	239.6	23.41	237.8	24.99	235.9	25.99	234.7	26.22	233.1	26.52
	-7.0	-7.6	283.2	21.54	280.5	22.74	276.5	24.54	273.8	26.11	271.0	27.69	268.8	28.69	267.4	28.92	265.6	29.22
	-4.0	-4.4	304.0	23.16	301.1	24.36	296.8	26.16	293.9	27.73	290.9	29.31	288.5	30.31	287.1	30.54	285.1	30.84
	0.0	-0.4	329.7	25.16	326.6	26.36	321.9	28.16	318.7	29.73	315.5	31.31	312.9	32.31	311.3	32.53	309.2	32.83
	5.0	4.5	361.8	27.66	358.4	28.86	353.3	30.66	349.8	32.23	346.2	33.80	343.4	34.81	341.7	35.03	339.3	35.33
	10.0	9.0	394.0	30.16	390.2	31.36	384.6	33.15	380.8	34.73	377.0	36.30	373.9	37.31	372.0	37.53	369.5	37.83
	15.0	14.0	425.4	32.60	421.4	33.80	415.4	35.60	411.2	37.18	407.1	38.75	396.8	39.57	379.9	39.40	357.4	39.18
	20.0	19.0	456.6	35.15	452.5	36.35	446.3	38.15	436.7	38.28	427.2	38.40	402.4	37.68	377.9	37.47	345.2	37.19
	25.0	23.0	468.1	38.90	464.9	38.85	460.0	38.78	443.6	37.64	427.2	36.50	402.4	35.83	377.9	35.57	345.2	35.23
	30.0	28.0	468.1	38.99	464.9	38.03	460.0	36.59	443.6	35.59	427.2	34.59	402.4	33.98	377.9	33.68	345.2	33.28
	35.0	32.0	468.1	36.46	464.9	35.64	460.0	34.40	443.6	33.55	427.2	32.69	402.4	32.13	377.9	31.78	345.2	31.32
	40.0	36.0	468.1	33.93	464.9	33.24	460.0	32.22	443.6	31.50	427.2	30.79	402.4	30.27	377.9	29.88	345.2	29.37
	45.0	41.0	468.1	31.44	464.9	30.88	460.0	30.04	443.6	29.47	427.2	28.89	402.4	28.42	377.9	27.99	345.2	27.42
	47.0	43.0	468.1	30.60	464.9	30.06	460.0	29.25	443.6	28.68	427.2	28.12	402.4	27.66	377.9	27.25	345.2	26.70
	50.0	46.0	468.1	29.48	464.9	28.95	460.0	28.17	443.6	27.63	427.2	27.08	402.4	26.64	377.9	26.24	345.2	25.71
	55.0	51.0	468.1	27.67	464.9	27.17	460.0	26.44	443.6	25.93	427.2	25.42	402.4	25.01	377.9	24.63	345.2	24.13
	60.0	56.0	468.1	25.73	464.9	25.27	460.0	24.59	443.6	24.11	427.2	23.64	402.4	23.25	377.9	22.91	345.2	22.44
110%	-21.6	-22.0	181.4	18.24	180.7	19.14	179.5	20.49	178.5	21.97	177.4	23.46	175.9	26.22	175.0	28.47	173.9	31.47
	-17.1	-17.5	210.6	20.49	209.7	21.39	208.4	22.74	207.0	24.22	205.5	25.71	203.9	28.47	202.8	30.72	201.4	33.71
	-12.6	-13.0	240.5	22.74	239.8	23.64	238.9	24.99	237.7	26.47	236.5	27.96	234.6	30.72	233.4	32.96	231.8	35.96
	-7.0	-7.6	276.1	25.44	274.7	26.34	272.8	27.69	271.2	29.17	269.5	30.66	267.3	33.41	266.0	35.66	264.2	38.66
	-4.0	-4.4	297.5	27.06	295.7	27.96	292.9	29.31	291.1	30.79	289.3	32.27	287.0	35.03	285.5	37.28	283.6	40.28
	0.0	-0.4	324.0	29.06	321.6	29.96	318.0	31.31	315.9	32.79	313.8	34.27	311.2	37.03	309.7	39.28	307.5	42.28
	5.0	4.5	357.0	31.56	353.9	32.45	349.2	33.80	346.8	35.29	344.3	36.77	339.7	38.73	334.0	39.25	326.4	39.95
	10.0	9.0	390.0	34.05	386.2	34.95	380.5	36.30	377.7	37.79	374.9	39.27	359.1	38.77	341.3	38.04	317.5	37.07
	15.0	14.0	422.3	36.50	417.9	37.40	411.2	38.75	397.4	38.66	383.5	38.57	361.0	37.54	340.6	36.35	313.4	34.76
	20.0	19.0	463.3	39.98	447.0	39.52	422.5	38.84	403.0	37.85	383.5	36.86	361.0	35.72	340.6	34.61	313.4	33.13
	25.0	23.0	463.3	39.28	447.0	38.44	422.5	37.19	403.0	36.08	383.5	34.98	361.0	33.93	340.6	32.91	313.4	31.54
	30.0	28.0	463.3	37.26	447.0	36.32	422.5	34.91	403.0	34.00	383.5	33.10	361.0	32.14	340.6	31.20	313.4	29.94
	35.0	32.0	463.3	34.43	447.0	33.71	422.5	32.63	403.0	31.92	383.5	31.21	361.0	30.35	340.6	29.49	313.4	28.35
	40.0	36.0	463.3	31.59	447.0	31.10	422.5	30.36	403.0	29.84	383.5	29.33	361.0	28.57	340.6	27.79	313.4	26.75
	45.0	41.0	463.3	28.83	447.0	28.54	422.5	28.11	403.0	27.78	383.5	27.46	361.0	26.78	340.6	26.08	313.4	25.15
	47.0	43.0	463.3	28.06	447.0	27.78	422.5	27.36	403.0	27.05	383.5	26.73	361.0	26.07	340.6	25.39	313.4	24.48
	50.0	46.0	463.3	27.03	447.0	26.76	422.5	26.36	403.0	26.05	383.5	25.74	361.0	25.11	340.6	24.45	313.4	23.58
	55.0	51.0	463.3	25.37	447.0	25.11	422.5	24.74	403.0	24.45	383.5	24.16	361.0	23.57	340.6	22.95	313.4	22.13
	60.0	56.0	463.3	23.59	447.0	23.36	422.5	23.00	403.0	22.74	383.5	22.47	361.0	21.92	340.6	21.34	313.4	20.58

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).

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%	-21.6	-22.0	180.7	14.84	179.9	16.97	178.8	20.17	177.7	22.34	176.7	24.52	175.2	27.56	174.3	29.43	173.1	31.93
	-17.1	-17.5	209.7	17.86	208.9	19.62	207.6	22.27	206.1	24.47	204.7	26.68	203.0	29.77	202.0	31.58	200.6	33.99
	-12.6	-13.0	238.8	20.72	237.8	22.27	236.3	24.58	235.9	26.71	235.5	28.85	233.6	31.99	232.4	33.73	230.9	36.04
	-7.0	-7.6	273.7	24.17	272.5	25.44	270.8	27.36	269.6	29.40	268.4	31.45	266.2	34.65	264.9	36.31	263.1	38.51
	-4.0	-4.4	294.6	26.23	293.4	27.35	291.5	29.02	289.8	31.01	288.1	33.01	285.8	36.25	284.4	37.85	282.4	39.99
	0.0	-0.4	319.6	28.78	318.3	29.70	316.3	31.08	314.4	33.01	312.5	34.93	309.2	37.84	305.9	38.59	301.5	39.59
	5.0	4.5	350.7	31.97	349.3	32.64	347.1	33.65	343.3	35.49	339.4	37.34	325.9	38.28	312.7	38.16	295.0	38.00
	10.0	9.0	377.7	35.16	373.2	35.58	366.5	36.22	358.7	37.27	351.0	38.33	330.4	37.71	311.0	36.80	285.2	35.59
	15.0	14.0	407.8	38.52	399.0	38.46	385.8	38.38	368.4	38.12	351.0	37.87	330.4	35.89	311.0	34.80	285.2	33.35
	20.0	19.0	424.5	38.69	409.0	38.28	385.8	37.68	368.4	36.69	351.0	35.71	330.4	33.82	311.0	32.79	285.2	31.41
	25.0	23.0	424.5	38.73	409.0	37.14	385.8	34.77	368.4	34.18	351.0	33.59	330.4	31.79	311.0	30.81	285.2	29.50
	30.0	28.0	424.5	36.08	409.0	34.75	385.8	32.76	368.4	32.12	351.0	31.47	330.4	29.76	311.0	28.83	285.2	27.60
	35.0	32.0	424.5	33.44	409.0	32.36	385.8	30.76	368.4	30.06	351.0	29.36	330.4	27.73	311.0	26.86	285.2	25.69
	40.0	36.0	424.5	30.79	409.0	29.97	385.8	28.75	368.4	27.99	351.0	27.24	330.4	25.70	311.0	24.88	285.2	23.79
	45.0	41.0	424.5	28.21	409.0	27.63	385.8	26.76	368.4	25.96	351.0	25.16	330.4	23.71	311.0	22.95	285.2	21.92
	47.0	43.0	424.5	27.46	409.0	26.90	385.8	26.05	368.4	25.27	351.0	24.49	330.4	23.08	311.0	22.34	285.2	21.34
	50.0	46.0	424.5	26.45	409.0	25.90	385.8	25.09	368.4	24.34	351.0	23.59	330.4	22.23	311.0	21.51	285.2	20.55
	55.0	51.0	424.5	24.82	409.0	24.31	385.8	23.55	368.4	22.84	351.0	22.14	330.4	20.87	311.0	20.19	285.2	19.29
	60.0	56.0	424.5	23.08	409.0	22.61	385.8	21.90	368.4	21.24	351.0	20.59	330.4	19.40	311.0	18.78	285.2	17.94
90%	-21.6	-22.0	179.9	19.13	179.2	20.27	178.1	21.98	177.0	24.27	175.9	26.57	174.5	28.17	173.6	29.67	172.4	31.67
	-17.1	-17.5	208.9	21.38	208.0	22.52	206.7	24.23	205.3	26.52	203.8	28.82	202.2	30.42	201.2	31.92	199.8	33.92
	-12.6	-13.0	237.8	23.63	236.8	24.77	235.4	26.48	235.0	28.77	234.6	31.07	232.7	32.67	231.5	34.17	229.9	36.17
	-7.0	-7.6	272.6	26.33	271.4	27.47	269.7	29.18	268.5	31.47	267.3	33.77	265.1	35.37	263.8	36.87	262.0	38.87
	-4.0	-4.4	293.4	27.95	292.2	29.09	290.4	30.80	288.7	33.09	287.0	35.39	284.6	36.31	283.2	36.36	281.3	36.42
	0.0	-0.4	318.3	29.95	317.0	31.09	315.0	32.80	312.7	34.61	310.5	36.42	298.5	36.29	285.6	36.16	268.3	35.98
	5.0	4.5	352.2	32.45	347.8	33.59	341.4	35.30	331.4	35.79	321.5	36.28	302.5	35.75	284.1	34.79	259.5	33.52
	10.0	9.0	384.7	35.90	371.8	36.09	352.4	36.37	336.9	36.25	321.5	36.14	302.5	34.42	284.1	32.88	259.5	30.83
	15.0	14.0	389.3	36.38	374.5	36.30	352.4	36.19	336.9	35.36	321.5	34.53	302.5	32.66	284.1	31.18	259.5	29.22
	20.0	19.0	389.3	36.60	374.5	35.86	352.4	34.76	336.9	33.67	321.5	32.57	302.5	30.82	284.1	29.41	259.5	27.54
	25.0	23.0	389.3	34.43	374.5	33.73	352.4	32.69	336.9	31.67	321.5	30.65	302.5	29.01	284.1	27.68	259.5	25.90
	30.0	28.0	389.3	32.25	374.5	31.60	352.4	30.63	336.9	29.68	321.5	28.73	302.5	27.21	284.1	25.94	259.5	24.25
	35.0	32.0	389.3	30.08	374.5	29.47	352.4	28.57	336.9	27.69	321.5	26.81	302.5	25.40	284.1	24.21	259.5	22.61
	40.0	36.0	389.3	27.91	374.5	27.34	352.4	26.50	336.9	25.70	321.5	24.89	302.5	23.60	284.1	22.47	259.5	20.96
	45.0	41.0	389.3	25.77	374.5	25.25	352.4	24.47	336.9	23.74	321.5	23.00	302.5	21.82	284.1	20.76	259.5	19.35
	47.0	43.0	389.3	25.08	374.5	24.58	352.4	23.82	336.9	23.11	321.5	22.39	302.5	21.25	284.1	20.21	259.5	18.84
	50.0	46.0	389.3	24.16	374.5	23.67	352.4	22.94	336.9	22.26	321.5	21.57	302.5	20.46	284.1	19.47	259.5	18.14
	55.0	51.0	389.3	22.68	374.5	22.22	352.4	21.54	336.9	20.89	321.5	20.24	302.5	19.20	284.1	18.27	259.5	17.03
	60.0	56.0	389.3	21.09	374.5	20.66	352.4	20.03	336.9	19.43	321.5	18.82	302.5	17.86	284.1	16.99	259.5	15.83
80%	-21.6	-22.0	179.2	19.29	178.4	20.55	177.3	22.44	176.3	23.79	175.2	25.14	173.8	26.71	172.9	30.59	171.7	33.09
	-17.1	-17.5	208.0	21.54	207.2	22.80	205.9	24.69	204.4	26.04	203.0	27.39	201.4	30.96	200.3	32.84	199.0	35.34
	-12.6	-13.0	236.8	23.79	235.9	25.05	234.4	26.94	233.2	28.29	232.0	29.64	230.9	32.30	230.8	32.23	230.8	32.13
	-7.0	-7.6	271.4	26.49	270.3	27.75	268.6	29.64	267.4	30.99	266.2	32.34	262.2	32.19	256.8	32.12	249.6	32.02
	-4.0	-4.4	292.2	28.11	291.0	29.37	289.2	31.26	287.4	31.76	285.7	32.27	269.2	32.12	254.2	32.05	234.2	31.96
	0.0	-0.4	320.0	30.74	315.7	31.37	309.1	32.30	298.5	32.24	287.9	32.18	270.0	31.84	253.9	31.34	232.5	30.68
	5.0	4.5	342.6	32.32	332.0	32.27	316.1	32.21	302.0	32.14	287.9	32.08	270.0	30.65	253.9	29.72	232.5	28.48
	10.0	9.0	348.2	32.21	335.4	32.17	316.1	32.11	302.0	31.62	287.9	31.14	270.0	29.12	253.9	28.22	232.5	27.01
	15.0	14.0	348.2	32.22	335.4	32.07	316.1	31.83	302.0	30.66	287.9	29.49	270.0	27.63	253.9	26.75	232.5	25.58
	20.0	19.0	348.2	31.35	335.4	30.80	316.1	29.97	302.0	28.88	287.9	27.78	270.0	26.07	253.9	25.22	232.5	24.09
	25.0	23.0	348.2	29.46	335.4	28.93	316.1	28.15	302.0	27.12	287.9	26.10	270.0	24.54	253.9	23.72	232.5	22.63
	30.0	28.0	348.2	27.56	335.4	27.07	316.1	26.32	302.0	25.37	287.9	24.42	270.0	23.01	253.9	22.22	232.5	21.16
	35.0	32.0	348.2	25.67	335.4	25.20	316.1	24.50	302.0	23.62	287.9	22.75	270.0	21.48	253.9	20.72	232.5	19.70
	40.0	36.0	348.2	23.78	335.4	23.34	316.1	22.67	302.0	21.87	287.9	21.07	270.0	19.96	253.9	19.22	232.5	18.24
	45.0	41.0	348.2	21.92	335.4	21.51	316.1	20.88	302.0	20.15	287.9	19.42	270.0	18.45	253.9	17.75	232.5	16.80
	47.0	43.0	348.2	21.34	335.4	20.94	316.1	20.33	302.0	19.62	287.9	18.91	270.0	17.96	253.9	17.28	232.5	16.36
	50.0	46.0	348.2	20.55	335.4	20.16	316.1	19.58	302.0	18.89	287.9	18.21	270.0	17.30	253.9	16.64	232.5	15.75
	55.0	51.0	348.2	19.29	335.4	18.93	316.1	18.38	302.0	17.73	287.9	17.09	270.0	16.24	253.9	15.62	232.5	14.79
	60.0	56.0	348.2	17.94	335.4	17.60	316.1	17.09	302.0	16.49	287.9	15.89	270.0	15.10	253.9	14.52	232.5	13.75

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 70°F dry bulb (DB) and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

HEATING CAPACITY DATA



ARUM312CTE5

312,000 Btu/h 575V Outdoor Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
	°F DB	°F WB	59		61		64		67		70		73		76		80	
			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%	-21.6	-22.0	178.1	20.67	177.4	21.27	176.3	22.17	175.2	24.42	174.2	26.67	172.8	29.79	171.9	31.67	170.7	34.17
	-17.1	-17.5	206.8	22.92	205.9	23.52	204.6	24.42	203.2	26.67	201.8	28.92	200.2	31.14	199.2	31.08	197.8	31.00
	-12.6	-13.0	235.5	25.17	234.5	25.77	233.0	26.67	231.8	28.92	230.7	31.17	226.2	31.06	219.0	31.01	209.4	30.94
	-7.0	-7.6	268.9	27.87	268.7	28.47	268.5	29.37	256.3	30.21	244.0	31.06	230.6	30.96	217.4	30.92	199.7	30.87
	-4.0	-4.4	292.4	29.49	282.8	30.09	268.5	30.99	256.3	30.99	244.0	30.99	230.6	30.90	217.4	30.87	199.7	30.83
	0.0	-0.4	295.0	31.16	284.4	31.10	268.5	31.01	256.3	30.96	244.0	30.91	230.6	30.06	217.4	29.56	199.7	28.89
	5.0	4.5	295.0	30.98	284.4	30.90	268.5	30.79	256.3	30.32	244.0	29.85	230.6	28.46	217.4	27.92	199.7	27.21
	10.0	9.0	295.0	30.80	284.4	30.70	268.5	30.57	256.3	29.38	244.0	28.19	230.6	26.86	217.4	26.29	199.7	25.53
	15.0	14.0	295.0	31.20	284.4	30.32	268.5	29.01	256.3	27.78	244.0	26.56	230.6	25.29	217.4	24.69	199.7	23.89
	20.0	19.0	295.0	29.16	284.4	28.35	268.5	27.13	256.3	26.00	244.0	24.86	230.6	23.66	217.4	23.02	199.7	22.17
	25.0	23.0	295.0	27.16	284.4	26.41	268.5	25.29	256.3	24.24	244.0	23.20	230.6	22.06	217.4	21.39	199.7	20.50
	30.0	28.0	295.0	25.17	284.4	24.48	268.5	23.45	256.3	22.49	244.0	21.53	230.6	20.46	217.4	19.76	199.7	18.82
	35.0	32.0	295.0	23.17	284.4	22.54	268.5	21.61	256.3	20.74	244.0	19.87	230.6	18.86	217.4	18.12	199.7	17.14
	40.0	36.0	295.0	21.17	284.4	20.61	268.5	19.76	256.3	18.98	244.0	18.21	230.6	17.27	217.4	16.49	199.7	15.46
	45.0	41.0	295.0	19.23	284.4	18.73	268.5	17.97	256.3	17.28	244.0	16.59	230.6	15.71	217.4	14.91	199.7	13.84
	47.0	43.0	295.0	18.72	284.4	18.23	268.5	17.50	256.3	16.82	244.0	16.15	230.6	15.29	217.4	14.51	199.7	13.47
	50.0	46.0	295.0	18.03	284.4	17.56	268.5	16.85	256.3	16.20	244.0	15.55	230.6	14.73	217.4	13.98	199.7	12.98
	55.0	51.0	295.0	16.92	284.4	16.48	268.5	15.82	256.3	15.21	244.0	14.60	230.6	13.83	217.4	13.12	199.7	12.18
	60.0	56.0	295.0	15.74	284.4	15.32	268.5	14.71	256.3	14.14	244.0	13.57	230.6	12.86	217.4	12.20	199.7	11.33
60%	-21.6	-22.0	164.9	19.05	164.2	19.65	163.2	20.55	162.2	22.80	161.2	25.05	159.9	28.17	159.1	30.05	158.0	32.55
	-17.1	-17.5	191.4	21.30	190.6	21.90	189.4	22.80	188.1	25.05	186.8	27.30	185.0	29.51	183.5	29.44	181.4	29.34
	-12.6	-13.0	218.5	23.55	217.1	24.15	214.9	25.05	212.1	27.30	209.3	29.55	197.1	29.42	186.2	29.35	171.8	29.26
	-7.0	-7.6	252.6	26.25	244.0	26.85	231.0	27.75	220.2	28.58	209.3	29.41	197.1	29.31	186.2	29.25	171.8	29.17
	-4.0	-4.4	252.6	27.87	244.0	28.47	231.0	29.37	220.2	29.34	209.3	29.32	197.1	28.87	186.2	28.01	171.8	26.85
	0.0	-0.4	252.6	29.54	244.0	29.51	231.0	29.45	220.2	29.06	209.3	28.67	197.1	27.66	186.2	26.71	171.8	25.46
	5.0	4.5	252.6	29.44	244.0	29.39	231.0	29.33	220.2	28.20	209.3	27.07	197.1	26.05	186.2	25.13	171.8	23.89
	10.0	9.0	252.6	29.94	244.0	29.28	231.0	28.29	220.2	26.88	209.3	25.46	197.1	24.45	186.2	23.54	171.8	22.33
	15.0	14.0	252.6	28.55	244.0	27.73	231.0	26.50	220.2	25.19	209.3	23.88	197.1	22.88	186.2	21.99	171.8	20.79
	20.0	19.0	252.6	26.63	244.0	25.83	231.0	24.64	220.2	23.44	209.3	22.24	197.1	21.25	186.2	20.37	171.8	19.20
	25.0	23.0	252.6	24.76	244.0	23.98	231.0	22.81	220.2	21.72	209.3	20.64	197.1	19.65	186.2	18.79	171.8	17.63
	30.0	28.0	252.6	22.88	244.0	22.12	231.0	20.98	220.2	20.00	209.3	19.03	197.1	18.05	186.2	17.20	171.8	16.07
	35.0	32.0	252.6	21.01	244.0	20.26	231.0	19.15	220.2	18.29	209.3	17.42	197.1	16.45	186.2	15.61	171.8	14.50
	40.0	36.0	252.6	19.13	244.0	18.41	231.0	17.32	220.2	16.57	209.3	15.81	197.1	14.85	186.2	14.03	171.8	12.94
	45.0	41.0	252.6	17.31	244.0	16.61	231.0	15.56	220.2	14.91	209.3	14.26	197.1	13.30	186.2	12.50	171.8	11.44
	47.0	43.0	252.6	16.85	244.0	16.17	231.0	15.15	220.2	14.51	209.3	13.88	197.1	12.95	186.2	12.17	171.8	11.13
	50.0	46.0	252.6	16.23	244.0	15.57	231.0	14.59	220.2	13.98	209.3	13.37	197.1	12.47	186.2	11.72	171.8	10.72
	55.0	51.0	252.6	15.24	244.0	14.62	231.0	13.69	220.2	13.12	209.3	12.55	197.1	11.71	186.2	11.00	171.8	10.07
	60.0	56.0	252.6	14.17	244.0	13.59	231.0	12.73	220.2	12.20	209.3	11.67	197.1	10.89	186.2	10.23	171.8	9.36
50%	-21.6	-22.0	152.7	16.35	152.0	16.95	151.1	17.85	150.2	20.09	149.3	22.34	147.3	25.47	144.8	27.34	141.5	29.84
	-17.1	-17.5	177.2	18.59	176.5	19.19	175.4	20.09	171.9	22.34	168.4	24.59	162.1	26.79	155.7	26.69	147.1	26.55
	-12.6	-13.0	211.3	20.84	203.6	21.44	192.0	22.34	183.4	24.59	174.7	26.84	164.4	26.67	154.8	26.56	142.0	26.40
	-7.0	-7.6	211.3	23.54	203.6	24.14	192.0	25.04	183.4	25.87	174.7	26.69	164.4	26.00	154.8	24.73	142.0	23.03
	-4.0	-4.4	211.3	25.16	203.6	25.76	192.0	26.66	183.4	26.63	174.7	26.60	164.4	25.05	154.8	23.82	142.0	22.18
	0.0	-0.4	211.3	26.87	203.6	26.79	192.0	26.68	183.4	26.07	174.7	25.45	164.4	23.89	154.8	22.71	142.0	21.13
	5.0	4.5	211.3	27.37	203.6	26.65	192.0	25.59	183.4	24.74	174.7	23.89	164.4	22.43	154.8	21.31	142.0	19.82
	10.0	9.0	211.3	26.79	203.6	25.65	192.0	23.95	183.4	23.14	174.7	22.33	164.4	20.97	154.8	19.92	142.0	18.51
	15.0	14.0	211.3	24.98	203.6	23.93	192.0	22.34	183.4	21.57	174.7	20.81	164.4	19.55	154.8	18.55	142.0	17.22
	20.0	19.0	211.3	23.10	203.6	22.13	192.0	20.67	183.4	19.94	174.7	19.21	164.4	18.06	154.8	17.13	142.0	15.89
	25.0	23.0	211.3	21.26	203.6	20.37	192.0	19.03	183.4	18.34	174.7	17.66	164.4	16.60	154.8	15.73	142.0	14.58
	30.0	28.0	211.3	19.42	203.6	18.61	192.0	17.40	183.4	16.75	174.7	16.10	164.4	15.15	154.8	14.34	142.0	13.26
	35.0	32.0	211.3	17.58	203.6	16.85	192.0	15.76	183.4	15.15	174.7	14.54	164.4	13.69	154.8	12.94	142.0	11.95
	40.0	36.0	211.3	15.74	203.6	15.09	192.0	14.12	183.4	13.55	174.7	12.98	164.4	12.23	154.8	11.55	142.0	10.64
	45.0	41.0	211.3	13.97	203.6	13.40	192.0	12.55	183.4	12.01	174.7	11.48	164.4	10.83	154.8	10.21	142.0	9.38
	47.0	43.0	211.3	13.60	203.6	13.04	192.0	12.21	183.4	11.70	174.7	11.18	164.4	10.55	154.8	9.94	142.0	9.13
	50.0	46.0	211.3	13.10	203.6	12.56	192.0	11.76	183.4	11.26	174.7	10.76	164.4	10.16	154.8	9.58	142.0	8.80
	55.0	51.0	211.3	12.29	203.6	11.79	192.0	11.04	183.4	10.57	174.7	10.10	164.4	9.53	154.8	8.99	142.0	8.26
	60.0	56.0	211.3	11.43	203.6	10.97	192.0	10.27	183.4	9.83	174.7	9.40	164.4	8.87	154.8	8.36	142.0	7.68

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).

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%	-21.6	-22.0	197.8	12.81	197.0	14.57	195.8	17.22	194.6	19.72	193.4	22.23	191.9	25.44	190.9	27.26	189.6	29.68
	-17.1	-17.5	229.7	15.44	228.7	17.16	227.3	19.75	225.7	22.17	224.1	24.59	222.3	27.53	221.2	29.15	219.7	31.31
	-12.6	-13.0	271.2	18.06	268.2	19.75	263.8	22.28	260.8	24.61	257.9	26.94	255.8	29.62	254.5	31.04	252.8	32.93
	-7.0	-7.6	309.0	21.22	305.6	22.86	300.6	25.32	297.3	27.55	293.9	29.78	291.5	32.13	290.1	33.31	288.1	34.88
	-4.0	-4.4	331.7	23.11	328.1	24.72	322.7	27.14	319.1	29.31	315.5	31.47	313.0	33.63	311.4	34.67	309.2	36.05
	0.0	-0.4	359.7	25.44	355.8	27.02	349.9	29.39	346.1	31.48	342.2	33.57	339.4	35.49	337.7	36.35	335.4	37.49
	5.0	4.5	394.8	28.36	390.5	29.90	384.0	32.20	379.8	34.20	375.5	36.19	372.5	37.82	370.6	38.45	368.0	39.30
	10.0	9.0	429.8	31.28	425.1	32.78	418.1	35.02	413.5	36.92	408.9	38.81	405.5	40.14	403.5	40.55	400.7	41.10
	15.0	14.0	464.2	34.15	459.1	35.60	451.5	37.77	446.5	39.58	441.5	41.38	437.9	42.29	435.7	42.21	432.7	42.11
	20.0	19.0	497.0	37.12	492.7	38.53	486.3	40.64	480.5	41.38	474.7	42.12	459.8	41.28	433.9	40.41	399.5	39.25
	25.0	23.0	504.1	40.85	504.7	41.41	505.6	42.24	498.2	41.67	490.7	41.10	460.8	39.33	433.6	38.48	397.2	37.33
	30.0	28.0	504.7	42.33	504.7	42.20	504.7	42.02	497.7	40.53	490.7	39.05	460.8	37.38	433.6	36.54	397.2	35.42
	35.0	32.0	504.7	43.17	504.7	42.02	504.7	40.29	497.7	38.64	490.7	36.99	460.8	35.43	433.6	34.61	397.2	33.50
	40.0	36.0	504.7	41.40	504.7	39.87	504.7	37.56	497.7	36.25	490.7	34.94	460.8	33.48	433.6	32.67	397.2	31.58
	45.0	41.0	504.7	36.81	504.7	36.03	504.7	34.87	497.7	33.87	490.7	32.87	460.8	31.52	433.6	30.72	397.2	29.66
	47.0	43.0	504.7	35.83	504.7	35.08	504.7	33.94	497.7	32.97	490.7	32.00	460.8	30.69	433.6	29.91	397.2	28.87
	50.0	46.0	504.7	34.51	504.7	33.78	504.7	32.69	497.7	31.76	490.7	30.82	460.8	29.55	433.6	28.81	397.2	27.81
	55.0	51.0	504.7	32.39	504.7	31.71	504.7	30.69	497.7	29.81	490.7	28.93	460.8	27.74	433.6	27.04	397.2	26.10
	60.0	56.0	504.7	30.12	504.7	29.49	504.7	28.54	497.7	27.72	490.7	26.90	460.8	25.80	433.6	25.14	397.2	24.27
120%	-21.6	-22.0	196.4	15.78	195.6	17.10	194.4	19.08	193.2	20.81	192.1	22.54	190.5	23.65	189.5	23.90	188.2	24.23
	-17.1	-17.5	228.0	18.25	227.1	19.57	225.7	21.55	224.1	23.29	222.5	25.02	220.7	26.13	219.6	26.37	218.1	26.70
	-12.6	-13.0	264.2	20.73	262.5	22.05	260.0	24.03	258.1	25.76	256.1	27.50	254.0	28.60	252.7	28.85	251.0	29.18
	-7.0	-7.6	305.0	23.70	302.1	25.02	297.8	27.00	294.8	28.73	291.8	30.47	289.5	31.57	288.0	31.82	286.0	32.15
	-4.0	-4.4	327.4	25.48	324.3	26.80	319.7	28.78	316.5	30.52	313.3	32.25	310.7	33.35	309.2	33.60	307.0	33.93
	0.0	-0.4	355.1	27.68	351.7	29.00	346.7	30.98	343.2	32.72	339.8	34.45	337.0	35.56	335.3	35.80	333.0	36.13
	5.0	4.5	389.7	30.43	386.0	31.75	380.5	33.73	376.7	35.47	372.9	37.20	369.8	38.31	367.9	38.55	365.4	38.88
	10.0	9.0	424.3	33.18	420.2	34.50	414.2	36.49	410.1	38.22	406.0	39.95	402.7	41.06	400.6	41.30	397.9	41.63
	15.0	14.0	458.2	35.88	453.8	37.20	447.3	39.18	442.9	40.91	438.4	42.65	427.4	43.55	409.2	43.36	384.9	43.11
	20.0	19.0	491.8	38.69	487.3	40.01	480.7	41.99	470.3	42.12	460.0	42.26	433.4	41.47	407.0	41.23	371.7	40.92
	25.0	23.0	504.1	42.81	500.6	42.76	495.4	42.67	477.7	41.42	460.0	40.16	433.4	39.43	407.0	39.15	371.7	38.77
	30.0	28.0	504.1	42.90	500.6	41.85	495.4	40.27	477.7	39.17	460.0	38.07	433.4	37.39	407.0	37.06	371.7	36.62
	35.0	32.0	504.1	40.12	500.6	39.22	495.4	37.86	477.7	36.92	460.0	35.98	433.4	35.35	407.0	34.97	371.7	34.47
	40.0	36.0	504.1	37.34	500.6	36.58	495.4	35.45	477.7	34.67	460.0	33.88	433.4	33.31	407.0	32.89	371.7	32.32
	45.0	41.0	504.1	34.60	500.6	33.98	495.4	33.06	477.7	32.43	460.0	31.79	433.4	31.27	407.0	30.80	371.7	30.18
	47.0	43.0	504.1	33.68	500.6	33.08	495.4	32.18	477.7	31.57	460.0	30.95	433.4	30.44	407.0	29.99	371.7	29.38
	50.0	46.0	504.1	32.44	500.6	31.86	495.4	31.00	477.7	30.40	460.0	29.81	433.4	29.32	407.0	28.88	371.7	28.29
	55.0	51.0	504.1	30.44	500.6	29.90	495.4	29.09	477.7	28.53	460.0	27.98	433.4	27.52	407.0	27.11	371.7	26.56
	60.0	56.0	504.1	28.31	500.6	27.81	495.4	27.06	477.7	26.54	460.0	26.02	433.4	25.59	407.0	25.21	371.7	24.70
110%	-21.6	-22.0	195.4	20.07	194.6	21.06	193.3	22.54	192.2	24.18	191.0	25.81	189.5	28.85	188.5	31.32	187.2	34.63
	-17.1	-17.5	226.8	22.54	225.9	23.54	224.4	25.02	222.9	26.65	221.3	28.29	219.5	31.32	218.4	33.80	216.9	37.10
	-12.6	-13.0	259.0	25.02	258.3	26.01	257.2	27.50	256.0	29.13	254.7	30.76	252.6	33.80	251.4	36.28	249.6	39.58
	-7.0	-7.6	297.3	27.99	295.9	28.98	293.8	30.47	292.0	32.10	290.3	33.73	287.9	36.77	286.4	39.25	284.5	42.55
	-4.0	-4.4	320.4	29.77	318.4	30.76	315.5	32.25	313.5	33.88	311.6	35.52	309.1	38.55	307.5	41.03	305.4	44.33
	0.0	-0.4	348.9	31.97	346.3	32.96	342.4	34.45	340.2	36.08	337.9	37.72	335.2	40.75	333.5	43.23	331.2	46.53
	5.0	4.5	384.4	34.72	381.1	35.71	376.1	37.20	373.5	38.83	370.8	40.47	365.8	42.62	359.7	43.20	351.5	43.97
	10.0	9.0	420.0	37.48	415.9	38.47	409.8	39.95	406.8	41.58	403.8	43.22	386.8	42.66	367.5	41.86	341.9	40.79
	15.0	14.0	454.8	40.17	450.0	41.16	442.8	42.65	427.9	42.55	413.0	42.44	388.8	41.31	366.8	40.00	337.5	38.25
	20.0	19.0	499.0	44.00	481.4	43.49	455.0	42.74	434.0	41.65	413.0	40.56	388.8	39.31	366.8	38.09	337.5	36.46
	25.0	23.0	499.0	43.23	481.4	42.31	455.0	40.92	434.0	39.71	413.0	38.49	388.8	37.34	366.8	36.21	337.5	34.71
	30.0	28.0	499.0	41.01	481.4	39.97	455.0	38.42	434.0	37.42	413.0	36.42	388.8	35.37	366.8	34.33	337.5	32.95
	35.0	32.0	499.0	37.88	481.4	37.09	455.0	35.91	434.0	35.13	413.0	34.35	388.8	33.40	366.8	32.46	337.5	31.20
	40.0	36.0	499.0	34.76	481.4	34.22	455.0	33.40	434.0	32.84	413.0	32.28	388.8	31.44	366.8	30.58	337.5	29.44
	45.0	41.0	499.0	31.72	481.4	31.41	455.0	30.93	434.0	30.57	413.0	30.22	388.8	29.47	366.8	28.70	337.5	27.68
	47.0	43.0	499.0	30.88	481.4	30.57	455.0	30.11	434.0	29.76	413.0	29.41	388.8	28.69	366.8	27.94	337.5	26.94
	50.0	46.0	499.0	29.74	481.4	29.45	455.0	29.00	434.0	28.67	413.0	28.33	388.8	27.63	366.8	26.91	337.5	25.95
	55.0	51.0	499.0	27.91	481.4	27.64	455.0	27.22	434.0	26.91	413.0	26.59	388.8	25.93	366.8	25.26	337.5	24.36
	60.0	56.0	499.0	25.96	481.4	25.70	455.0	25.32	434.0	25.02	413.0	24.73	388.8	24.12	366.8	23.49	337.5	22.65

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).

HEATING CAPACITY DATA



ARUM336CTE5

336,000 Btu/h 575V Outdoor Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
	°F DB	°F WB	59		61		64		67		70		73		76		80	
			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%	-21.6	-22.0	194.6	16.33	193.8	18.68	192.5	22.20	191.4	24.59	190.2	26.98	188.7	30.32	187.7	32.39	186.5	35.14
	-17.1	-17.5	225.9	19.65	224.9	21.59	223.5	24.50	222.0	26.93	220.4	29.36	218.6	32.76	217.5	34.75	216.0	37.40
	-12.6	-13.0	257.2	22.81	256.1	24.50	254.5	27.05	254.1	29.40	253.7	31.75	251.6	35.20	250.3	37.12	248.6	39.66
	-7.0	-7.6	294.7	26.59	293.5	28.00	291.7	30.11	290.4	32.36	289.1	34.61	286.7	38.13	285.3	39.95	283.3	42.38
	-4.0	-4.4	317.3	28.87	315.9	30.10	314.0	31.94	312.1	34.13	310.3	36.32	307.8	39.89	306.2	41.65	304.1	44.01
	0.0	-0.4	344.2	31.67	342.7	32.68	340.6	34.20	338.6	36.32	336.5	38.44	333.0	41.64	329.4	42.47	324.7	43.56
	5.0	4.5	377.7	35.18	376.1	35.92	373.8	37.03	369.7	39.06	365.5	41.09	350.9	42.13	336.7	41.99	317.7	41.82
	10.0	9.0	406.8	38.69	401.9	39.16	394.7	39.86	386.3	41.02	378.0	42.18	355.8	41.49	335.0	40.49	307.2	39.16
	15.0	14.0	439.1	42.39	429.7	42.33	415.5	42.23	396.7	41.95	378.0	41.67	355.8	39.49	335.0	38.30	307.2	36.70
	20.0	19.0	457.1	42.57	440.5	42.13	415.5	41.46	396.7	40.38	378.0	39.30	355.8	37.22	335.0	36.08	307.2	34.56
	25.0	23.0	457.1	42.62	440.5	40.87	415.5	38.26	396.7	37.61	378.0	36.97	355.8	34.98	335.0	33.90	307.2	32.47
	30.0	28.0	457.1	39.71	440.5	38.24	415.5	36.05	396.7	35.34	378.0	34.64	355.8	32.75	335.0	31.73	307.2	30.37
	35.0	32.0	457.1	36.79	440.5	35.61	415.5	33.85	396.7	33.08	378.0	32.31	355.8	30.52	335.0	29.56	307.2	28.28
	40.0	36.0	457.1	33.88	440.5	32.99	415.5	31.64	396.7	30.81	378.0	29.98	355.8	28.29	335.0	27.38	307.2	26.18
	45.0	41.0	457.1	31.04	440.5	30.40	415.5	29.45	396.7	28.57	378.0	27.68	355.8	26.09	335.0	25.25	307.2	24.12
	47.0	43.0	457.1	30.22	440.5	29.60	415.5	28.67	396.7	27.81	378.0	26.95	355.8	25.40	335.0	24.58	307.2	23.48
	50.0	46.0	457.1	29.10	440.5	28.51	415.5	27.61	396.7	26.78	378.0	25.96	355.8	24.46	335.0	23.67	307.2	22.62
	55.0	51.0	457.1	27.32	440.5	26.76	415.5	25.92	396.7	25.14	378.0	24.36	355.8	22.96	335.0	22.22	307.2	21.23
	60.0	56.0	457.1	25.40	440.5	24.88	415.5	24.10	396.7	23.38	378.0	22.66	355.8	21.35	335.0	20.66	307.2	19.74
90%	-21.6	-22.0	193.8	21.05	193.0	22.31	191.8	24.19	190.6	26.71	189.5	29.24	187.9	31.00	187.0	32.65	185.7	34.85
	-17.1	-17.5	224.9	23.53	224.0	24.78	222.6	26.66	221.1	29.19	219.5	31.71	217.7	33.47	216.6	35.12	215.2	37.32
	-12.6	-13.0	256.1	26.00	255.0	27.26	253.5	29.14	253.0	31.66	252.6	34.19	250.6	35.95	249.3	37.60	247.6	39.80
	-7.0	-7.6	293.5	28.97	292.3	30.23	290.5	32.11	289.2	34.63	287.9	37.16	285.5	38.92	284.1	40.57	282.2	42.77
	-4.0	-4.4	316.0	30.76	314.7	32.01	312.7	33.89	310.9	36.42	309.0	38.94	306.5	39.96	305.0	40.01	302.9	40.08
	0.0	-0.4	342.8	32.96	341.3	34.21	339.2	36.09	336.8	38.08	334.4	40.07	321.5	39.94	307.5	39.79	288.9	39.60
	5.0	4.5	379.2	35.71	374.6	36.96	367.6	38.84	356.9	39.38	346.2	39.92	325.8	39.34	305.9	38.29	279.5	36.88
	10.0	9.0	414.3	39.50	400.4	39.71	379.5	40.02	362.9	39.90	346.2	39.77	325.8	37.88	305.9	36.19	279.5	33.92
	15.0	14.0	419.2	40.03	403.3	39.95	379.5	39.82	362.9	38.91	346.2	38.00	325.8	35.94	305.9	34.31	279.5	32.15
	20.0	19.0	419.2	40.28	403.3	39.47	379.5	38.25	362.9	37.05	346.2	35.84	325.8	33.91	305.9	32.37	279.5	30.31
	25.0	23.0	419.2	37.89	403.3	37.12	379.5	35.98	362.9	34.85	346.2	33.73	325.8	31.93	305.9	30.46	279.5	28.50
	30.0	28.0	419.2	35.49	403.3	34.78	379.5	33.71	362.9	32.66	346.2	31.62	325.8	29.94	305.9	28.55	279.5	26.69
	35.0	32.0	419.2	33.10	403.3	32.43	379.5	31.43	362.9	30.47	346.2	29.50	325.8	27.96	305.9	26.64	279.5	24.88
	40.0	36.0	419.2	30.71	403.3	30.09	379.5	29.16	362.9	28.28	346.2	27.39	325.8	25.97	305.9	24.73	279.5	23.07
	45.0	41.0	419.2	28.36	403.3	27.79	379.5	26.93	362.9	26.12	346.2	25.31	325.8	24.02	305.9	22.85	279.5	21.29
	47.0	43.0	419.2	27.60	403.3	27.05	379.5	26.22	362.9	25.43	346.2	24.64	325.8	23.38	305.9	22.24	279.5	20.73
	50.0	46.0	419.2	26.59	403.3	26.05	379.5	25.25	362.9	24.49	346.2	23.73	325.8	22.52	305.9	21.42	279.5	19.96
	55.0	51.0	419.2	24.95	403.3	24.45	379.5	23.70	362.9	22.99	346.2	22.28	325.8	21.13	305.9	20.11	279.5	18.74
	60.0	56.0	419.2	23.21	403.3	22.74	379.5	22.04	362.9	21.38	346.2	20.72	325.8	19.65	305.9	18.70	279.5	17.43
80%	-21.6	-22.0	193.0	21.23	192.2	22.61	191.0	24.69	189.8	26.18	188.7	27.66	187.2	31.60	186.2	33.66	184.9	36.41
	-17.1	-17.5	224.0	23.70	223.1	25.09	221.7	27.17	220.2	28.65	218.6	30.14	216.9	34.07	215.7	36.13	214.3	38.88
	-12.6	-13.0	255.1	26.18	254.0	27.56	252.4	29.64	251.2	31.13	249.9	32.61	248.6	35.55	248.6	35.46	248.6	35.35
	-7.0	-7.6	292.3	29.15	291.1	30.53	289.3	32.61	288.0	34.10	286.7	35.58	282.3	35.42	276.5	35.34	268.8	35.24
	-4.0	-4.4	314.7	30.93	313.4	32.32	311.4	34.40	309.6	34.95	307.7	35.51	289.9	35.35	273.8	35.27	252.2	35.17
	0.0	-0.4	344.7	33.83	339.9	34.52	332.9	35.55	321.4	35.48	310.0	35.42	290.8	35.04	273.5	34.49	250.4	33.76
	5.0	4.5	369.0	35.56	357.5	35.51	340.4	35.44	325.2	35.37	310.0	35.30	290.8	33.73	273.5	32.70	250.4	31.34
	10.0	9.0	375.0	35.44	361.2	35.40	340.4	35.34	325.2	34.80	310.0	34.26	290.8	32.05	273.5	31.05	250.4	29.73
	15.0	14.0	375.0	35.46	361.2	35.29	340.4	35.03	325.2	33.74	310.0	32.45	290.8	30.40	273.5	29.44	250.4	28.15
	20.0	19.0	375.0	34.50	361.2	33.89	340.4	32.98	325.2	31.78	310.0	30.57	290.8	28.69	273.5	27.75	250.4	26.51
	25.0	23.0	375.0	32.42	361.2	31.84	340.4	30.97	325.2	29.85	310.0	28.72	290.8	27.01	273.5	26.10	250.4	24.90
	30.0	28.0	375.0	30.33	361.2	29.79	340.4	28.96	325.2	27.92	310.0	26.88	290.8	25.32	273.5	24.45	250.4	23.29
	35.0	32.0	375.0	28.25	361.2	27.73	340.4	26.96	325.2	25.99	310.0	25.03	290.8	23.64	273.5	22.80	250.4	21.68
	40.0	36.0	375.0	26.17	361.2	25.68	340.4	24.95	325.2	24.07	310.0	23.18	290.8	21.96	273.5	21.15	250.4	20.07
	45.0	41.0	375.0	24.12	361.2	23.67	340.4	22.98	325.2	22.18	310.0	21.37	290.8	20.31	273.5	19.53	250.4	18.49
	47.0	43.0	375.0	23.48	361.2	23.04	340.4	22.37	325.2	21.59	310.0	20.81	290.8	19.77	273.5	19.01	250.4	18.00
	50.0	46.0	375.0	22.62	361.2	22.19	340.4	21.54	325.2	20.79	310.0	20.04	290.8	19.04	273.5	18.31	250.4	17.34
	55.0	51.0	375.0	21.23	361.2	20.83	340.4	20.22	325.2	19.51	310.0	18.81	290.8	17.87	273.5	17.19	250.4	16.27
	60.0	56.0	375.0	19.74	361.2	19.37	340.4	18.80	325.2	18.15	310.0	17.49	290.8	16.62	273.5	15.98	250.4	15.13

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).

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
	°F DB	°F WB	59		61		64		67		70		73		76		80	
			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%	-21.6	-22.0	191.8	22.75	191.0	23.41	189.8	24.40	188.7	26.87	187.6	29.35	186.1	32.79	185.1	34.85	183.8	37.60
	-17.1	-17.5	222.7	25.22	221.8	25.88	220.4	26.87	218.9	29.35	217.3	31.82	215.6	34.27	214.5	34.20	213.0	34.11
	-12.6	-13.0	253.6	27.70	252.5	28.36	250.9	29.35	249.7	31.82	248.4	34.30	243.6	34.18	235.8	34.12	225.5	34.05
	-7.0	-7.6	289.5	30.67	289.4	31.33	289.2	32.32	276.0	33.25	262.8	34.18	248.3	34.07	234.1	34.03	215.1	33.97
	-4.0	-4.4	314.9	32.45	304.6	33.11	289.2	34.10	276.0	34.10	262.8	34.11	248.3	34.01	234.1	33.97	215.1	33.93
	0.0	-0.4	317.7	34.29	306.3	34.22	289.2	34.12	276.0	34.07	262.8	34.02	248.3	33.08	234.1	32.53	215.1	31.79
	5.0	4.5	317.7	34.09	306.3	34.00	289.2	33.88	276.0	33.37	262.8	32.85	248.3	31.32	234.1	30.73	215.1	29.95
	10.0	9.0	317.7	33.89	306.3	33.79	289.2	33.64	276.0	32.33	262.8	31.02	248.3	29.56	234.1	28.93	215.1	28.10
	15.0	14.0	317.7	34.34	306.3	33.37	289.2	31.92	276.0	30.58	262.8	29.23	248.3	27.83	234.1	27.17	215.1	26.29
	20.0	19.0	317.7	32.09	306.3	31.20	289.2	29.86	276.0	28.61	262.8	27.36	248.3	26.04	234.1	25.34	215.1	24.40
	25.0	23.0	317.7	29.89	306.3	29.07	289.2	27.83	276.0	26.68	262.8	25.53	248.3	24.28	234.1	23.54	215.1	22.55
	30.0	28.0	317.7	27.69	306.3	26.94	289.2	25.80	276.0	24.75	262.8	23.70	248.3	22.52	234.1	21.74	215.1	20.71
	35.0	32.0	317.7	25.49	306.3	24.81	289.2	23.78	276.0	22.82	262.8	21.87	248.3	20.76	234.1	19.94	215.1	18.86
	40.0	36.0	317.7	23.29	306.3	22.68	289.2	21.75	276.0	20.89	262.8	20.03	248.3	19.00	234.1	18.15	215.1	17.01
	45.0	41.0	317.7	21.16	306.3	20.61	289.2	19.78	276.0	19.02	262.8	18.25	248.3	17.29	234.1	16.41	215.1	15.23
	47.0	43.0	317.7	20.60	306.3	20.06	289.2	19.26	276.0	18.51	262.8	17.77	248.3	16.83	234.1	15.97	215.1	14.83
	50.0	46.0	317.7	19.84	306.3	19.32	289.2	18.54	276.0	17.83	262.8	17.11	248.3	16.21	234.1	15.38	215.1	14.28
	55.0	51.0	317.7	18.62	306.3	18.13	289.2	17.41	276.0	16.73	262.8	16.06	248.3	15.21	234.1	14.44	215.1	13.40
	60.0	56.0	317.7	17.32	306.3	16.86	289.2	16.19	276.0	15.56	262.8	14.94	248.3	14.15	234.1	13.43	215.1	12.46
60%	-21.6	-22.0	177.6	20.96	176.9	21.62	175.7	22.61	174.7	25.09	173.6	27.56	172.2	31.00	171.4	33.06	170.2	35.82
	-17.1	-17.5	206.2	23.44	205.3	24.10	204.0	25.09	202.6	27.56	201.2	30.04	199.3	32.48	197.6	32.40	195.4	32.29
	-12.6	-13.0	235.3	25.91	233.8	26.57	231.4	27.56	228.4	30.04	225.4	32.51	212.2	32.38	200.6	32.30	185.0	32.20
	-7.0	-7.6	272.1	28.88	262.8	29.54	248.8	30.53	237.1	31.45	225.4	32.36	212.2	32.26	200.6	32.19	185.0	32.10
	-4.0	-4.4	272.1	30.67	262.8	31.33	248.8	32.32	237.1	32.29	225.4	32.27	212.2	31.77	200.6	30.82	185.0	29.55
	0.0	-0.4	272.1	32.51	262.8	32.47	248.8	32.41	237.1	31.98	225.4	31.55	212.2	30.43	200.6	29.40	185.0	28.01
	5.0	4.5	272.1	32.40	262.8	32.35	248.8	32.27	237.1	31.03	225.4	29.79	212.2	28.67	200.6	27.65	185.0	26.29
	10.0	9.0	272.1	32.95	262.8	32.22	248.8	31.14	237.1	29.58	225.4	28.02	212.2	26.91	200.6	25.91	185.0	24.57
	15.0	14.0	272.1	31.41	262.8	30.51	248.8	29.16	237.1	27.72	225.4	26.28	212.2	25.18	200.6	24.20	185.0	22.88
	20.0	19.0	272.1	29.31	262.8	28.43	248.8	27.11	237.1	25.79	225.4	24.48	212.2	23.39	200.6	22.42	185.0	21.13
	25.0	23.0	272.1	27.24	262.8	26.39	248.8	25.10	237.1	23.90	225.4	22.71	212.2	21.62	200.6	20.67	185.0	19.40
	30.0	28.0	272.1	25.18	262.8	24.34	248.8	23.09	237.1	22.01	225.4	20.94	212.2	19.86	200.6	18.93	185.0	17.68
	35.0	32.0	272.1	23.12	262.8	22.30	248.8	21.08	237.1	20.12	225.4	19.17	212.2	18.10	200.6	17.18	185.0	15.96
	40.0	36.0	272.1	21.05	262.8	20.26	248.8	19.06	237.1	18.23	225.4	17.40	212.2	16.34	200.6	15.44	185.0	14.24
	45.0	41.0	272.1	19.05	262.8	18.28	248.8	17.12	237.1	16.41	225.4	15.69	212.2	14.64	200.6	13.76	185.0	12.59
	47.0	43.0	272.1	18.55	262.8	17.80	248.8	16.67	237.1	15.97	225.4	15.27	212.2	14.25	200.6	13.40	185.0	12.25
	50.0	46.0	272.1	17.86	262.8	17.14	248.8	16.05	237.1	15.38	225.4	14.71	212.2	13.73	200.6	12.90	185.0	11.80
	55.0	51.0	272.1	16.77	262.8	16.09	248.8	15.07	237.1	14.44	225.4	13.81	212.2	12.88	200.6	12.11	185.0	11.08
	60.0	56.0	272.1	15.59	262.8	14.96	248.8	14.01	237.1	13.43	225.4	12.84	212.2	11.98	200.6	11.26	185.0	10.30
50%	-21.6	-22.0	164.4	17.99	163.7	18.65	162.7	19.64	161.7	22.11	160.7	24.59	158.6	28.03	155.9	30.09	152.4	32.84
	-17.1	-17.5	190.8	20.46	190.1	21.12	188.9	22.11	185.1	24.59	181.4	27.06	174.5	29.49	167.6	29.37	158.4	29.21
	-12.6	-13.0	227.5	22.94	219.2	23.60	206.8	24.59	197.5	27.06	188.1	29.54	177.1	29.35	166.7	29.23	152.9	29.06
	-7.0	-7.6	227.5	25.91	219.2	26.57	206.8	27.56	197.5	28.47	188.1	29.37	177.1	28.61	166.7	27.21	152.9	25.35
	-4.0	-4.4	227.5	27.69	219.2	28.35	206.8	29.34	197.5	29.31	188.1	29.27	177.1	27.57	166.7	26.22	152.9	24.41
	0.0	-0.4	227.5	29.57	219.2	29.48	206.8	29.36	197.5	28.68	188.1	28.01	177.1	26.29	166.7	24.99	152.9	23.26
	5.0	4.5	227.5	30.11	219.2	29.33	206.8	28.16	197.5	27.23	188.1	26.29	177.1	24.68	166.7	23.45	152.9	21.81
	10.0	9.0	227.5	29.48	219.2	28.23	206.8	26.35	197.5	25.47	188.1	24.58	177.1	23.08	166.7	21.92	152.9	20.37
	15.0	14.0	227.5	27.49	219.2	26.33	206.8	24.59	197.5	23.74	188.1	22.90	177.1	21.51	166.7	20.41	152.9	18.95
	20.0	19.0	227.5	25.43	219.2	24.35	206.8	22.75	197.5	21.95	188.1	21.14	177.1	19.87	166.7	18.85	152.9	17.48
	25.0	23.0	227.5	23.40	219.2	22.42	206.8	20.95	197.5	20.19	188.1	19.43	177.1	18.27	166.7	17.31	152.9	16.04
	30.0	28.0	227.5	21.37	219.2	20.48	206.8	19.14	197.5	18.43	188.1	17.71	177.1	16.67	166.7	15.78	152.9	14.60
	35.0	32.0	227.5	19.34	219.2	18.54	206.8	17.34	197.5	16.67	188.1	16.00	177.1	15.06	166.7	14.24	152.9	13.15
	40.0	36.0	227.5	17.32	219.2	16.61	206.8	15.54	197.5	14.91	188.1	14.28	177.1	13.46	166.7	12.71	152.9	11.71
	45.0	41.0	227.5	15.37	219.2	14.75	206.8	13.81	197.5	13.22	188.1	12.63	177.1	11.92	166.7	11.24	152.9	10.33
	47.0	43.0	227.5	14.96	219.2	14.35	206.8	13.44	197.5	12.87	188.1	12.30	177.1	11.61	166.7	10.94	152.9	10.05
	50.0	46.0	227.5	14.41	219.2	13.83	206.8	12.95	197.5	12.40	188.1	11.85	177.1	11.18	166.7	10.54	152.9	9.68
	55.0	51.0	227.5	13.53	219.2	12.98	206.8	12.15	197.5	11.63	188.1	11.12	177.1	10.49	166.7	9.89	152.9	9.09
	60.0	56.0	227.5	12.58	219.2	12.07	206.8	11.30	197.5	10.82	188.1	10.34	177.1	9.76	166.7	9.20	152.9	8.45

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).

HEATING CAPACITY DATA



ARUM360CTE5

360,000 Btu/h 575V Outdoor Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
	°F DB	°F WB	59		61		64		67		70		73		76		80	
			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%	-21.6	-22.0	212.0	13.44	211.1	15.30	209.8	18.08	208.5	20.70	207.3	23.33	205.6	26.70	204.5	28.61	203.1	31.16
	-17.1	-17.5	246.1	16.20	245.0	18.01	243.5	20.73	241.8	23.27	240.1	25.81	238.2	28.90	237.0	30.60	235.4	32.86
	-12.6	-13.0	290.5	18.96	287.4	20.73	282.6	23.39	279.5	25.84	276.3	28.28	274.1	31.09	272.7	32.58	270.8	34.57
	-7.0	-7.6	331.1	22.27	327.5	23.99	322.1	26.58	318.5	28.92	314.9	31.26	312.4	33.73	310.8	34.96	308.6	36.62
	-4.0	-4.4	355.4	24.26	351.5	25.95	345.7	28.49	341.9	30.77	338.1	33.04	335.3	35.31	333.6	36.39	331.3	37.84
	0.0	-0.4	385.4	26.71	381.2	28.37	374.9	30.85	370.8	33.05	366.6	35.24	363.7	37.26	361.8	38.16	359.3	39.36
	5.0	4.5	423.0	29.77	418.4	31.39	411.5	33.80	406.9	35.90	402.3	37.99	399.1	39.70	397.0	40.36	394.3	41.25
	10.0	9.0	460.5	32.84	455.5	34.41	448.0	36.76	443.0	38.75	438.1	40.74	434.5	42.14	432.3	42.57	429.3	43.15
	15.0	14.0	497.3	35.84	491.9	37.37	483.8	39.65	478.4	41.55	473.1	43.44	469.2	44.39	466.8	44.31	463.6	44.21
	20.0	19.0	532.5	38.97	527.9	40.45	521.0	42.66	514.8	43.44	508.6	44.21	492.6	43.34	464.9	42.42	428.0	41.20
	25.0	23.0	540.1	42.88	540.8	43.47	541.7	44.34	533.7	43.74	525.7	43.15	493.7	41.29	464.5	40.39	425.6	39.19
	30.0	28.0	540.8	44.43	540.8	44.30	540.8	44.10	533.2	42.55	525.7	40.99	493.7	39.24	464.5	38.36	425.6	37.18
	35.0	32.0	540.8	45.31	540.8	44.10	540.8	42.29	533.2	40.56	525.7	38.83	493.7	37.20	464.5	36.33	425.6	35.17
	40.0	36.0	540.8	43.46	540.8	41.85	540.8	39.43	533.2	38.05	525.7	36.67	493.7	35.15	464.5	34.29	425.6	33.15
	45.0	41.0	540.8	38.64	540.8	37.82	540.8	36.60	533.2	35.55	525.7	34.51	493.7	33.09	464.5	32.25	425.6	31.14
	47.0	43.0	540.8	37.61	540.8	36.82	540.8	35.63	533.2	34.61	525.7	33.59	493.7	32.21	464.5	31.40	425.6	30.31
	50.0	46.0	540.8	36.22	540.8	35.46	540.8	34.32	533.2	33.33	525.7	32.35	493.7	31.02	464.5	30.24	425.6	29.19
	55.0	51.0	540.8	34.00	540.8	33.28	540.8	32.21	533.2	31.29	525.7	30.36	493.7	29.12	464.5	28.38	425.6	27.40
	60.0	56.0	540.8	31.62	540.8	30.95	540.8	29.95	533.2	29.10	525.7	28.24	493.7	27.08	464.5	26.39	425.6	25.48
120%	-21.6	-22.0	210.5	16.56	209.6	17.95	208.3	20.03	207.0	21.85	205.8	23.67	204.1	24.83	203.1	25.09	201.7	25.43
	-17.1	-17.5	244.3	19.16	243.3	20.55	241.8	22.63	240.1	24.45	238.4	26.26	236.5	27.43	235.3	27.69	233.7	28.03
	-12.6	-13.0	283.1	21.76	281.3	23.15	278.6	25.23	276.5	27.04	274.4	28.86	272.2	30.02	270.8	30.28	268.9	30.63
	-7.0	-7.6	326.8	24.88	323.7	26.26	319.1	28.34	315.9	30.16	312.7	31.98	310.1	33.14	308.6	33.40	306.5	33.75
	-4.0	-4.4	350.8	26.75	347.5	28.14	342.5	30.21	339.1	32.03	335.7	33.85	332.9	35.01	331.2	35.27	329.0	35.62
	0.0	-0.4	380.4	29.06	376.8	30.45	371.4	32.52	367.2	34.34	364.0	36.16	361.1	37.32	359.2	37.58	356.8	37.93
	5.0	4.5	417.5	31.95	413.6	33.33	407.6	35.41	403.6	37.23	399.5	39.05	396.2	40.21	394.2	40.47	391.5	40.82
	10.0	9.0	454.6	34.83	450.3	36.22	443.8	38.30	439.4	40.12	434.9	41.94	431.4	43.10	429.2	43.36	426.3	43.70
	15.0	14.0	490.9	37.66	486.2	39.05	479.3	41.13	474.5	42.95	469.7	44.77	465.9	45.72	463.4	45.52	461.4	45.26
	20.0	19.0	526.9	40.61	522.1	42.00	515.0	44.07	503.9	44.22	492.9	44.36	464.4	43.53	436.0	43.28	398.3	42.95
	25.0	23.0	540.2	44.94	536.4	44.88	530.8	44.80	511.8	43.48	492.9	42.16	464.4	41.39	436.0	41.09	398.3	40.70
	30.0	28.0	540.2	45.03	536.4	43.93	530.8	42.27	511.8	41.12	492.9	39.96	464.4	39.25	436.0	38.90	398.3	38.44
	35.0	32.0	540.2	42.11	536.4	41.17	530.8	39.74	511.8	38.75	492.9	37.77	464.4	37.11	436.0	36.71	398.3	36.18
	40.0	36.0	540.2	39.19	536.4	38.40	530.8	37.21	511.8	36.39	492.9	35.57	464.4	34.97	436.0	34.52	398.3	33.92
	45.0	41.0	540.2	36.32	536.4	35.67	530.8	34.71	511.8	34.04	492.9	33.37	464.4	32.83	436.0	32.33	398.3	31.68
	47.0	43.0	540.2	35.35	536.4	34.73	530.8	33.78	511.8	33.14	492.9	32.49	464.4	31.96	436.0	31.48	398.3	30.84
	50.0	46.0	540.2	34.05	536.4	33.44	530.8	32.54	511.8	31.91	492.9	31.29	464.4	30.78	436.0	30.32	398.3	29.70
	55.0	51.0	540.2	31.96	536.4	31.39	530.8	30.54	511.8	29.95	492.9	29.37	464.4	28.89	436.0	28.45	398.3	27.88
	60.0	56.0	540.2	29.72	536.4	29.19	530.8	28.40	511.8	27.86	492.9	27.31	464.4	26.86	436.0	26.46	398.3	25.92
110%	-21.6	-22.0	209.3	21.07	208.5	22.11	207.1	23.67	205.9	25.38	204.7	27.10	203.0	30.28	202.0	32.88	200.6	36.35
	-17.1	-17.5	243.0	23.67	242.0	24.71	240.5	26.26	238.8	27.98	237.1	29.69	235.2	32.88	234.0	35.48	232.4	38.95
	-12.6	-13.0	277.5	26.26	276.7	27.30	275.6	28.86	274.2	30.58	272.9	32.29	270.7	35.48	269.3	38.08	267.5	41.54
	-7.0	-7.6	318.5	29.38	317.0	30.42	314.7	31.98	312.9	33.70	311.0	35.41	308.5	38.60	306.9	41.20	304.8	44.66
	-4.0	-4.4	343.3	31.25	341.2	32.29	338.0	33.85	335.9	35.57	333.8	37.28	331.1	40.47	329.4	43.07	327.2	46.53
	0.0	-0.4	373.8	33.56	371.0	34.60	366.9	36.16	364.5	37.88	362.1	39.59	359.1	42.78	357.3	45.38	354.9	48.84
	5.0	4.5	411.9	36.45	408.3	37.49	403.0	39.05	400.1	40.77	397.3	42.48	392.0	44.74	385.4	45.35	376.6	46.15
	10.0	9.0	450.0	39.34	445.6	40.38	439.1	41.94	435.8	43.65	432.6	45.37	414.4	44.78	393.8	43.94	366.3	42.82
	15.0	14.0	487.3	42.17	482.2	43.21	474.5	44.77	458.5	44.66	442.5	44.55	416.6	43.37	393.0	41.99	361.6	40.16
	20.0	19.0	534.6	46.18	515.7	45.66	487.5	44.87	465.0	43.72	442.5	42.58	416.6	41.26	393.0	39.98	361.6	38.28
	25.0	23.0	534.6	45.38	515.7	44.41	487.5	42.96	465.0	41.68	442.5	40.40	416.6	39.20	393.0	38.01	361.6	36.43
	30.0	28.0	534.6	43.04	515.7	41.96	487.5	40.33	465.0	39.28	442.5	38.23	416.6	37.13	393.0	36.04	361.6	34.59
	35.0	32.0	534.6	39.77	515.7	38.94	487.5	37.70	465.0	36.88	442.5	36.06	416.6	35.06	393.0	34.07	361.6	32.75
	40.0	36.0	534.6	36.49	515.7	35.92	487.5	35.07	465.0	34.48	442.5	33.88	416.6	33.00	393.0	32.10	361.6	30.90
	45.0	41.0	534.6	33.30	515.7	32.97	487.5	32.47	465.0	32.10	442.5	31.72	416.6	30.93	393.0	30.13	361.6	29.05
	47.0	43.0	534.6	32.42	515.7	32.09	487.5	31.61	465.0	31.24	442.5	30.88	416.6	30.11	393.0	29.33	361.6	28.28
	50.0	46.0	534.6	31.22	515.7	30.91	487.5	30.45	465.0	30.09	442.5	29.74	416.6	29.00	393.0	28.25	361.6	27.24
	55.0	51.0	534.6	29.30	515.7	29.01	487.5	28.58	465.0	28.24	442.5	27.91	416.6	27.22	393.0	26.51	361.6	25.57
	60.0	56.0	534.6	27.25	515.7	26.98	487.5	26.57	465.0	26.27	442.5	25.96	416.6	25.32	393.0	24.66	361.6	23.78

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 70°F dry bulb (DB) and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

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%	-21.6	-22.0	208.5	17.15	207.6	19.61	206.3	23.30	205.1	25.81	203.8	28.32	202.2	31.83	201.2	34.00	199.8	36.88
	-17.1	-17.5	242.0	20.63	241.0	22.66	239.5	25.72	237.8	28.27	236.2	30.82	234.3	34.39	233.1	36.48	231.5	39.26
	-12.6	-13.0	275.5	23.94	274.4	25.72	272.7	28.39	272.2	30.86	271.8	33.32	269.6	36.95	268.2	38.96	266.4	41.64
	-7.0	-7.6	315.8	27.92	314.5	29.39	312.5	31.60	311.1	33.96	309.7	36.33	307.2	40.03	305.6	41.94	303.5	44.49
	-4.0	-4.4	339.9	30.30	338.5	31.59	336.4	33.53	334.4	35.83	332.5	38.13	329.8	41.87	328.1	43.73	325.9	46.20
	0.0	-0.4	368.8	33.25	367.2	34.31	364.9	35.90	362.8	38.13	360.6	40.35	356.7	43.72	353.0	44.58	347.9	45.73
	5.0	4.5	404.7	36.93	403.0	37.71	400.5	38.87	396.1	41.00	391.7	43.13	376.0	44.22	360.8	44.08	340.4	43.89
	10.0	9.0	435.8	40.61	430.6	41.10	422.8	41.84	413.9	43.06	405.0	44.27	381.2	43.56	358.9	42.51	329.1	41.11
	15.0	14.0	470.5	44.50	460.4	44.43	445.2	44.33	434.4	44.04	405.0	43.75	381.2	41.46	358.9	40.20	329.1	38.52
	20.0	19.0	489.8	44.69	471.9	44.22	445.2	43.52	425.1	42.39	405.0	41.25	381.2	39.07	358.9	37.87	329.1	36.28
	25.0	23.0	489.8	44.74	471.9	42.91	445.2	40.16	425.1	39.48	405.0	38.80	381.2	36.72	358.9	35.59	329.1	34.08
	30.0	28.0	489.8	41.68	471.9	40.15	445.2	37.85	425.1	37.10	405.0	36.36	381.2	34.38	358.9	33.31	329.1	31.88
	35.0	32.0	489.8	38.62	471.9	37.39	445.2	35.53	425.1	34.72	405.0	33.91	381.2	32.04	358.9	31.03	329.1	29.68
	40.0	36.0	489.8	35.57	471.9	34.63	445.2	33.21	425.1	32.34	405.0	31.47	381.2	29.69	358.9	28.75	329.1	27.48
	45.0	41.0	489.8	32.58	471.9	31.92	445.2	30.91	425.1	29.99	405.0	29.06	381.2	27.39	358.9	26.51	329.1	25.32
	47.0	43.0	489.8	31.72	471.9	31.07	445.2	30.09	425.1	29.19	405.0	28.29	381.2	26.66	358.9	25.80	329.1	24.65
	50.0	46.0	489.8	30.55	471.9	29.92	445.2	28.98	425.1	28.12	405.0	27.25	381.2	25.68	358.9	24.85	329.1	23.74
	55.0	51.0	489.8	28.67	471.9	28.09	445.2	27.20	425.1	26.39	405.0	25.57	381.2	24.10	358.9	23.32	329.1	22.29
	60.0	56.0	489.8	26.67	471.9	26.12	445.2	25.30	425.1	24.54	405.0	23.78	381.2	22.42	358.9	21.69	329.1	20.72
90%	-21.6	-22.0	207.6	22.10	206.7	23.41	205.5	25.39	204.2	28.04	203.0	30.69	201.4	32.54	200.3	34.27	199.0	36.58
	-17.1	-17.5	241.0	24.70	240.0	26.01	238.5	27.99	236.9	30.64	235.2	33.29	233.3	35.14	232.1	36.87	230.5	39.18
	-12.6	-13.0	274.4	27.30	273.3	28.61	271.6	30.59	271.1	33.24	270.7	35.89	268.5	37.74	267.1	39.47	265.3	41.78
	-7.0	-7.6	314.5	30.41	313.2	31.73	311.2	33.71	309.8	36.36	308.4	39.01	305.9	40.85	304.4	42.59	302.3	44.90
	-4.0	-4.4	338.5	32.28	337.1	33.60	335.0	35.58	333.1	38.23	331.1	40.88	328.4	41.94	326.8	42.00	324.5	42.07
	0.0	-0.4	367.2	34.59	365.7	35.91	363.4	37.89	360.8	39.98	358.2	42.07	344.4	41.92	329.5	41.77	309.6	41.57
	5.0	4.5	406.3	37.48	401.4	38.80	393.9	40.77	382.4	41.34	370.9	41.91	349.1	41.30	327.8	40.19	299.4	38.72
	10.0	9.0	443.9	41.47	429.0	41.69	406.6	42.01	388.8	41.88	370.9	41.75	349.1	39.77	327.8	37.98	299.4	35.61
	15.0	14.0	449.2	42.02	432.2	41.93	406.6	41.80	388.8	40.85	370.9	39.89	349.1	37.72	327.8	36.02	299.4	33.75
	20.0	19.0	449.2	42.28	432.2	41.43	406.6	40.15	388.8	38.89	370.9	37.63	349.1	35.60	327.8	33.98	299.4	31.81
	25.0	23.0	449.2	39.77	432.2	38.97	406.6	37.77	388.8	36.59	370.9	35.41	349.1	33.51	327.8	31.97	299.4	29.91
	30.0	28.0	449.2	37.26	432.2	36.51	406.6	35.38	388.8	34.29	370.9	33.19	349.1	31.43	327.8	29.97	299.4	28.01
	35.0	32.0	449.2	34.75	432.2	34.05	406.6	33.00	388.8	31.98	370.9	30.97	349.1	29.35	327.8	27.96	299.4	26.12
	40.0	36.0	449.2	32.23	432.2	31.59	406.6	30.61	388.8	29.68	370.9	28.75	349.1	27.26	327.8	25.96	299.4	24.22
	45.0	41.0	449.2	29.77	432.2	29.17	406.6	28.27	388.8	27.42	370.9	26.57	349.1	25.21	327.8	23.99	299.4	22.35
	47.0	43.0	449.2	28.98	432.2	28.39	406.6	27.52	388.8	26.69	370.9	25.87	349.1	24.54	327.8	23.35	299.4	21.76
	50.0	46.0	449.2	27.91	432.2	27.35	406.6	26.50	388.8	25.71	370.9	24.91	349.1	23.64	327.8	22.49	299.4	20.96
	55.0	51.0	449.2	26.19	432.2	25.67	406.6	24.88	388.8	24.13	370.9	23.38	349.1	22.18	327.8	21.11	299.4	19.67
	60.0	56.0	449.2	24.36	432.2	23.87	406.6	23.13	388.8	22.44	370.9	21.75	349.1	20.63	327.8	19.63	299.4	18.29
80%	-21.6	-22.0	206.8	22.28	205.9	23.74	204.6	25.92	203.4	27.48	202.2	29.04	200.5	33.17	199.5	35.33	198.1	38.22
	-17.1	-17.5	240.0	24.88	239.0	26.33	237.5	28.52	235.9	30.08	234.2	31.64	232.3	35.76	231.2	37.93	229.6	40.82
	-12.6	-13.0	273.3	27.48	272.1	28.93	270.4	31.12	269.1	32.68	267.7	34.23	266.4	37.31	266.4	37.23	266.3	37.11
	-7.0	-7.6	313.2	30.60	311.9	32.05	309.9	34.23	308.6	35.79	307.2	37.35	302.5	37.18	296.3	37.10	288.0	36.99
	-4.0	-4.4	337.1	32.47	335.7	33.92	333.6	36.11	331.7	36.69	329.7	37.27	310.6	37.11	293.3	37.03	270.2	36.92
	0.0	-0.4	369.3	35.51	364.2	36.23	356.6	37.31	344.4	37.24	332.2	37.18	311.5	36.78	293.0	36.20	268.3	35.44
	5.0	4.5	395.3	37.33	383.1	37.28	364.7	37.20	348.4	37.13	332.2	37.06	311.5	35.41	293.0	34.33	268.3	32.89
	10.0	9.0	401.8	37.20	387.0	37.16	364.7	37.09	348.4	36.53	332.2	35.97	311.5	33.64	293.0	32.60	268.3	31.20
	15.0	14.0	401.8	37.22	387.0	37.04	364.7	36.77	348.4	35.42	332.2	34.07	311.5	31.91	293.0	30.90	268.3	29.55
	20.0	19.0	401.8	36.21	387.0	35.58	364.7	34.62	348.4	33.36	332.2	32.09	311.5	30.11	293.0	29.13	268.3	27.83
	25.0	23.0	401.8	34.03	387.0	33.42	364.7	32.51	348.4	31.33	332.2	30.15	311.5	28.35	293.0	27.40	268.3	26.14
	30.0	28.0	401.8	31.84	387.0	31.27	364.7	30.40	348.4	29.31	332.2	28.21	311.5	26.58	293.0	25.67	268.3	24.45
	35.0	32.0	401.8	29.66	387.0	29.11	364.7	28.30	348.4	27.29	332.2	26.28	311.5	24.82	293.0	23.94	268.3	22.76
	40.0	36.0	401.8	27.47	387.0	26.96	364.7	26.19	348.4	25.26	332.2	24.34	311.5	23.05	293.0	22.20	268.3	21.07
	45.0	41.0	401.8	25.32	387.0	24.84	364.7	24.12	348.4	23.28	332.2	22.44	311.5	21.32	293.0	20.50	268.3	19.41
	47.0	43.0	401.8	24.65	387.0	24.18	364.7	23.48	348.4	22.66	332.2	21.84	311.5	20.75	293.0	19.96	268.3	18.90
	50.0	46.0	401.8	23.74	387.0	23.29	364.7	22.62	348.4	21.82	332.2	21.03	311.5	19.99	293.0	19.22	268.3	18.20
	55.0	51.0	401.8	22.29	387.0	21.86	364.7	21.23	348.4	20.48	332.2	19.74	311.5	18.76	293.0	18.04	268.3	17.08
	60.0	56.0	401.8	20.72	387.0	20.33	364.7	19.74	348.4	19.05	332.2	18.36	311.5	17.44	293.0	16.78	268.3	15.88

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 70°F dry bulb (DB) and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

HEATING CAPACITY DATA



ARUM360CTE5

360,000 Btu/h 575V Outdoor Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
	°F DB	°F WB	59		61		64		67		70		73		76		80	
			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%	-21.6	-22.0	205.5	23.88	204.7	24.57	203.4	25.61	202.2	28.21	201.0	30.81	199.3	34.42	198.3	36.58	197.0	39.47
	-17.1	-17.5	238.6	26.48	237.6	27.17	236.1	28.21	234.5	30.81	232.9	33.41	231.0	35.97	229.8	35.90	228.2	35.81
	-12.6	-13.0	271.7	29.08	270.5	29.77	268.9	30.81	267.5	33.41	266.2	36.01	261.0	35.88	252.7	35.82	241.6	35.74
	-7.0	-7.6	310.2	32.19	310.1	32.89	309.8	33.93	295.7	34.90	281.5	35.88	266.1	35.76	250.8	35.72	230.4	35.66
	-4.0	-4.4	337.4	34.07	326.4	34.76	309.8	35.80	295.7	35.80	281.5	35.80	266.1	35.70	250.8	35.66	230.4	35.62
	0.0	-0.4	340.4	35.99	328.2	35.92	309.8	35.82	295.7	35.76	281.5	35.71	266.1	34.72	250.8	34.14	230.4	33.37
	5.0	4.5	340.4	35.78	328.2	35.70	309.8	35.57	295.7	35.03	281.5	34.49	266.1	32.87	250.8	32.26	230.4	31.43
	10.0	9.0	340.4	35.58	328.2	35.47	309.8	35.31	295.7	33.94	281.5	32.56	266.1	31.03	250.8	30.37	230.4	29.49
	15.0	14.0	340.4	36.04	328.2	35.03	309.8	33.51	295.7	32.10	281.5	30.68	266.1	29.22	250.8	28.52	230.4	27.59
	20.0	19.0	340.4	33.69	328.2	32.75	309.8	31.34	295.7	30.03	281.5	28.72	266.1	27.33	250.8	26.60	230.4	25.62
	25.0	23.0	340.4	31.38	328.2	30.51	309.8	29.21	295.7	28.01	281.5	26.80	266.1	25.49	250.8	24.71	230.4	23.68
	30.0	28.0	340.4	29.07	328.2	28.28	309.8	27.09	295.7	25.98	281.5	24.88	266.1	23.64	250.8	22.82	230.4	21.74
	35.0	32.0	340.4	26.76	328.2	26.04	309.8	24.96	295.7	23.96	281.5	22.95	266.1	21.79	250.8	20.94	230.4	19.80
	40.0	36.0	340.4	24.45	328.2	23.80	309.8	22.83	295.7	21.93	281.5	21.03	266.1	19.94	250.8	19.05	230.4	17.86
	45.0	41.0	340.4	22.21	328.2	21.63	309.8	20.76	295.7	19.96	281.5	19.16	266.1	18.15	250.8	17.22	230.4	15.99
	47.0	43.0	340.4	21.62	328.2	21.06	309.8	20.21	295.7	19.43	281.5	18.65	266.1	17.67	250.8	16.77	230.4	15.56
	50.0	46.0	340.4	20.82	328.2	20.28	309.8	19.47	295.7	18.72	281.5	17.96	266.1	17.02	250.8	16.15	230.4	14.99
	55.0	51.0	340.4	19.55	328.2	19.04	309.8	18.27	295.7	17.57	281.5	16.86	266.1	15.97	250.8	15.16	230.4	14.07
	60.0	56.0	340.4	18.18	328.2	17.70	309.8	16.99	295.7	16.34	281.5	15.68	266.1	14.85	250.8	14.09	230.4	13.08
60%	-21.6	-22.0	190.3	22.00	189.5	22.70	188.3	23.74	187.2	26.33	186.0	28.93	184.5	32.54	183.6	34.71	182.3	37.60
	-17.1	-17.5	220.9	24.60	220.0	25.30	218.6	26.33	217.1	28.93	215.6	31.53	213.5	34.09	211.7	34.01	209.3	33.89
	-12.6	-13.0	252.1	27.20	250.5	27.89	247.9	28.93	244.7	31.53	241.5	34.13	227.4	33.99	214.9	33.91	198.2	33.80
	-7.0	-7.6	291.5	30.32	281.5	31.01	266.5	32.05	254.0	33.01	241.5	33.97	227.4	33.86	214.9	33.79	198.2	33.69
	-4.0	-4.4	291.5	32.19	281.5	32.88	266.5	33.92	254.0	33.90	241.5	33.87	227.4	33.35	214.9	32.35	198.2	31.02
	0.0	-0.4	291.5	34.12	281.5	34.08	266.5	34.02	254.0	33.57	241.5	33.12	227.4	31.95	214.9	30.86	198.2	29.41
	5.0	4.5	291.5	34.01	281.5	33.96	266.5	33.88	254.0	32.57	241.5	31.27	227.4	30.10	214.9	29.03	198.2	27.60
	10.0	9.0	291.5	34.59	281.5	33.83	266.5	32.68	254.0	31.05	241.5	29.41	227.4	28.25	214.9	27.19	198.2	25.79
	15.0	14.0	291.5	32.98	281.5	32.03	266.5	30.61	254.0	29.10	241.5	27.59	227.4	26.44	214.9	25.40	198.2	24.02
	20.0	19.0	291.5	30.77	281.5	29.84	266.5	28.46	254.0	27.08	241.5	25.69	227.4	24.55	214.9	23.53	198.2	22.18
	25.0	23.0	291.5	28.60	281.5	27.70	266.5	26.35	254.0	25.09	241.5	23.84	227.4	22.70	214.9	21.70	198.2	20.37
	30.0	28.0	291.5	26.43	281.5	25.55	266.5	24.24	254.0	23.11	241.5	21.98	227.4	20.85	214.9	19.87	198.2	18.56
	35.0	32.0	291.5	24.27	281.5	23.41	266.5	22.12	254.0	21.12	241.5	20.12	227.4	19.00	214.9	18.04	198.2	16.75
	40.0	36.0	291.5	22.10	281.5	21.26	266.5	20.01	254.0	19.14	241.5	18.27	227.4	17.15	214.9	16.21	198.2	14.95
	45.0	41.0	291.5	20.00	281.5	19.19	266.5	17.97	254.0	17.22	241.5	16.47	227.4	15.37	214.9	14.44	198.2	13.21
	47.0	43.0	291.5	19.47	281.5	18.68	266.5	17.50	254.0	16.77	241.5	16.03	227.4	14.96	214.9	14.06	198.2	12.86
	50.0	46.0	291.5	18.75	281.5	17.99	266.5	16.85	254.0	16.15	241.5	15.44	227.4	14.41	214.9	13.54	198.2	12.39
	55.0	51.0	291.5	17.60	281.5	16.89	266.5	15.82	254.0	15.16	241.5	14.49	227.4	13.52	214.9	12.71	198.2	11.63
	60.0	56.0	291.5	16.37	281.5	15.70	266.5	14.71	254.0	14.09	241.5	13.48	227.4	12.58	214.9	11.82	198.2	10.81
50%	-21.6	-22.0	176.1	18.88	175.4	19.57	174.3	20.61	173.3	23.21	172.2	25.81	169.9	29.42	167.1	31.59	163.2	34.47
	-17.1	-17.5	204.5	21.48	203.6	22.17	202.4	23.21	198.3	25.81	194.3	28.41	187.0	30.95	179.6	30.83	169.7	30.67
	-12.6	-13.0	243.8	24.08	239.9	24.77	221.6	25.81	211.6	28.41	201.6	31.01	189.7	30.81	178.6	30.68	163.8	30.50
	-7.0	-7.6	243.8	27.20	234.9	27.89	221.6	28.93	211.6	29.88	201.6	30.83	189.7	30.03	178.6	28.56	163.8	26.61
	-4.0	-4.4	243.8	29.07	234.9	29.76	221.6	30.80	211.6	30.76	201.6	30.73	189.7	28.94	178.6	27.52	163.8	25.62
	0.0	-0.4	243.8	31.04	234.9	30.95	221.6	30.82	211.6	30.11	201.6	29.40	189.7	27.59	178.6	26.23	163.8	24.41
	5.0	4.5	243.8	31.61	234.9	30.79	221.6	29.56	211.6	28.58	201.6	27.60	189.7	25.91	178.6	24.62	163.8	22.90
	10.0	9.0	243.8	30.94	234.9	29.63	221.6	27.66	211.6	26.73	201.6	25.80	189.7	24.23	178.6	23.01	163.8	21.38
	15.0	14.0	243.8	28.86	234.9	27.64	221.6	25.81	211.6	24.92	201.6	24.03	189.7	22.58	178.6	21.43	163.8	19.90
	20.0	19.0	243.8	26.69	234.9	25.57	221.6	23.88	211.6	23.04	201.6	22.20	189.7	20.86	178.6	19.79	163.8	18.35
	25.0	23.0	243.8	24.56	234.9	23.53	221.6	21.99	211.6	21.19	201.6	20.39	189.7	19.18	178.6	18.18	163.8	16.84
	30.0	28.0	243.8	22.43	234.9	21.50	221.6	20.10	211.6	19.34	201.6	18.59	189.7	17.50	178.6	16.56	163.8	15.32
	35.0	32.0	243.8	20.31	234.9	19.47	221.6	18.20	211.6	17.50	201.6	16.79	189.7	15.81	178.6	14.95	163.8	13.81
	40.0	36.0	243.8	18.18	234.9	17.43	221.6	16.31	211.6	15.65	201.6	14.99	189.7	14.13	178.6	13.34	163.8	12.29
	45.0	41.0	243.8	16.14	234.9	15.48	221.6	14.49	211.6	13.88	201.6	13.26	189.7	12.52	178.6	11.80	163.8	10.84
	47.0	43.0	243.8	15.71	234.9	15.07	221.6	14.11	211.6	13.51	201.6	12.91	189.7	12.18	178.6	11.48	163.8	10.55
	50.0	46.0	243.8	15.13	234.9	14.51	221.6	13.59	211.6	13.01	201.6	12.43	189.7	11.73	178.6	11.06	163.8	10.16
	55.0	51.0	243.8	14.20	234.9	13.62	221.6	12.75	211.6	12.21	201.6	11.67	189.7	11.01	178.6	10.38	163.8	9.54
	60.0	56.0	243.8	13.21	234.9	12.67	221.6	11.86	211.6	11.36	201.6	10.85	189.7	10.24	178.6	9.65	163.8	8.87

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).

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%	-21.6	-22.0	226.1	15.08	225.2	17.16	223.7	20.27	222.4	23.22	221.1	26.17	219.3	29.95	218.2	32.09	216.7	34.95
	-17.1	-17.5	262.5	18.17	261.4	20.21	259.7	23.25	257.9	26.10	256.2	28.95	254.1	32.41	252.8	34.32	251.1	36.86
	-12.6	-13.0	309.9	21.27	306.5	23.25	301.4	26.23	298.1	28.98	294.8	31.72	292.4	34.87	290.9	36.54	288.9	38.77
	-7.0	-7.6	353.1	24.98	349.3	26.91	343.5	29.81	339.7	32.43	335.9	35.06	333.2	37.83	331.5	39.22	329.2	41.07
	-4.0	-4.4	379.1	27.21	375.0	29.11	368.8	31.96	364.7	34.51	360.6	37.06	357.7	39.60	355.8	40.82	353.4	42.44
	0.0	-0.4	411.1	29.96	406.7	31.82	399.9	34.60	395.5	37.07	391.1	39.53	387.9	41.79	385.9	42.80	383.3	44.14
	5.0	4.5	451.2	33.39	446.3	35.20	438.9	37.92	434.0	40.26	429.2	42.61	425.7	44.52	423.5	45.27	420.6	46.27
	10.0	9.0	491.2	36.83	485.9	38.59	477.9	41.23	472.6	43.46	467.3	45.70	463.5	47.26	461.1	47.75	458.0	48.39
	15.0	14.0	530.5	40.20	524.7	41.91	516.0	44.47	510.3	46.60	504.6	48.72	500.5	49.79	498.0	49.70	494.6	49.58
	20.0	19.0	568.0	43.71	563.1	45.36	555.8	47.85	549.2	48.72	542.5	49.59	525.5	48.61	495.9	47.58	456.6	46.21
	25.0	23.0	576.1	48.10	576.8	48.75	577.8	49.73	569.3	49.06	560.8	48.39	526.7	46.31	495.5	45.30	454.0	43.96
	30.0	28.0	576.8	49.83	576.8	49.69	576.8	49.47	568.8	47.72	560.8	45.97	526.7	44.01	495.5	43.02	454.0	41.70
	35.0	32.0	576.8	50.82	576.8	49.47	576.8	47.44	568.8	45.49	560.8	43.55	526.7	41.72	495.5	40.74	454.0	39.44
	40.0	36.0	576.8	48.75	576.8	46.94	576.8	44.23	568.8	42.68	560.8	41.13	526.7	39.42	495.5	38.46	454.0	37.18
	45.0	41.0	576.8	43.33	576.8	42.42	576.8	41.05	568.8	39.88	560.8	38.70	526.7	37.11	495.5	36.17	454.0	34.92
	47.0	43.0	576.8	42.19	576.8	41.30	576.8	39.97	568.8	38.82	560.8	37.67	526.7	36.13	495.5	35.21	454.0	34.00
	50.0	46.0	576.8	40.63	576.8	39.77	576.8	38.49	568.8	37.39	560.8	36.29	526.7	34.80	495.5	33.92	454.0	32.74
	55.0	51.0	576.8	38.13	576.8	37.33	576.8	36.13	568.8	35.09	560.8	34.06	526.7	32.66	495.5	31.83	454.0	30.73
	60.0	56.0	576.8	35.46	576.8	34.72	576.8	33.60	568.8	32.63	560.8	31.67	526.7	30.37	495.5	29.60	454.0	28.58
120%	-21.6	-22.0	224.5	18.58	223.6	20.13	222.2	22.46	220.8	24.50	219.5	26.54	217.7	27.85	216.6	28.14	215.1	28.53
	-17.1	-17.5	260.6	21.49	259.5	23.05	257.9	25.38	256.1	27.42	254.3	29.46	252.3	30.76	251.0	31.05	249.3	31.44
	-12.6	-13.0	301.9	24.41	300.0	25.96	297.2	28.29	294.9	30.33	292.7	32.37	290.3	33.67	288.8	33.97	286.9	34.35
	-7.0	-7.6	348.6	27.90	345.3	29.46	340.3	31.79	336.9	33.83	333.5	35.87	330.8	37.17	329.1	37.46	326.9	37.85
	-4.0	-4.4	374.2	30.00	370.6	31.56	365.3	33.89	361.7	35.93	358.0	37.97	355.1	39.27	353.3	39.56	350.9	39.95
	0.0	-0.4	405.8	32.59	402.0	34.15	396.2	36.48	392.3	38.52	388.3	40.56	385.1	41.86	383.2	42.15	380.6	42.54
	5.0	4.5	445.3	35.83	441.1	37.39	434.8	39.72	430.5	41.76	426.1	43.80	422.7	45.10	420.5	45.39	417.6	45.78
	10.0	9.0	484.9	39.07	480.3	40.62	473.4	42.96	468.7	45.00	463.9	47.04	460.2	48.34	457.8	48.63	454.7	49.02
	15.0	14.0	523.6	42.24	518.7	43.80	511.2	46.13	506.1	48.17	501.0	50.21	488.4	51.27	467.6	51.05	439.8	50.76
	20.0	19.0	562.0	45.55	556.9	47.10	549.3	49.43	537.5	49.59	525.7	49.75	495.3	48.83	465.1	48.55	424.8	48.18
	25.0	23.0	576.2	50.41	572.2	50.34	566.1	50.24	545.9	48.76	525.7	47.29	495.3	46.42	465.1	46.09	424.8	45.65
	30.0	28.0	576.2	50.51	572.2	49.27	566.1	47.41	545.9	46.12	525.7	44.82	495.3	44.02	465.1	43.63	424.8	43.11
	35.0	32.0	576.2	47.24	572.2	46.17	566.1	44.57	545.9	43.47	525.7	42.36	495.3	41.62	465.1	41.18	424.8	40.58
	40.0	36.0	576.2	43.96	572.2	43.07	566.1	41.74	545.9	40.82	525.7	39.89	495.3	39.22	465.1	38.72	424.8	38.05
	45.0	41.0	576.2	40.73	572.2	40.01	566.1	38.93	545.9	38.18	525.7	37.43	495.3	36.82	465.1	36.27	424.8	35.53
	47.0	43.0	576.2	39.65	572.2	38.95	566.1	37.89	545.9	37.16	525.7	36.44	495.3	35.84	465.1	35.30	424.8	34.59
	50.0	46.0	576.2	38.19	572.2	37.51	566.1	36.49	545.9	35.79	525.7	35.09	495.3	34.52	465.1	34.00	424.8	33.31
	55.0	51.0	576.2	35.84	572.2	35.21	566.1	34.25	545.9	33.60	525.7	32.94	495.3	32.40	465.1	31.91	424.8	31.27
	60.0	56.0	576.2	33.33	572.2	32.74	566.1	31.85	545.9	31.24	525.7	30.63	495.3	30.13	465.1	29.68	424.8	29.08
110%	-21.6	-22.0	223.3	23.63	222.3	24.79	221.0	26.54	219.6	28.47	218.3	30.39	216.5	33.97	215.4	36.88	214.0	40.77
	-17.1	-17.5	259.2	26.54	258.1	27.71	256.5	29.46	254.7	31.38	253.0	33.31	250.9	36.88	249.6	39.80	247.9	43.68
	-12.6	-13.0	296.0	29.46	295.2	30.62	294.0	32.37	292.5	34.30	291.1	36.22	288.7	39.80	287.3	42.71	285.3	46.60
	-7.0	-7.6	339.8	32.96	338.2	34.12	335.7	35.87	333.7	37.79	331.7	39.72	329.0	43.29	327.4	46.21	325.1	50.09
	-4.0	-4.4	366.2	35.05	363.9	36.22	360.5	37.97	358.3	39.89	356.1	41.82	353.2	45.39	351.4	48.31	349.0	52.19
	0.0	-0.4	398.7	37.65	395.8	38.81	391.3	40.56	388.8	42.48	386.2	44.41	383.1	47.98	381.1	50.90	378.5	54.78
	5.0	4.5	439.3	40.88	435.5	42.05	429.8	43.80	426.8	45.72	423.8	47.65	418.1	50.18	411.1	50.86	401.8	51.77
	10.0	9.0	480.0	44.12	475.3	45.29	468.3	47.04	464.9	48.96	461.4	50.88	442.0	50.23	420.0	49.28	390.8	48.03
	15.0	14.0	519.8	47.30	514.3	48.46	506.1	50.21	489.1	50.09	472.0	49.97	444.3	48.64	419.2	47.10	385.7	45.04
	20.0	19.0	570.2	51.80	550.1	51.21	520.0	50.32	496.0	49.04	472.0	47.75	444.3	46.28	419.2	44.84	385.7	42.93
	25.0	23.0	570.2	50.90	550.1	49.81	520.0	48.18	496.0	46.75	472.0	45.32	444.3	43.96	419.2	42.63	385.7	40.86
	30.0	28.0	570.2	48.28	550.1	47.06	520.0	45.23	496.0	44.06	472.0	42.88	444.3	41.65	419.2	40.42	385.7	38.80
	35.0	32.0	570.2	44.60	550.1	43.67	520.0	42.28	496.0	41.36	472.0	40.44	444.3	39.33	419.2	38.21	385.7	36.73
	40.0	36.0	570.2	40.93	550.1	40.29	520.0	39.33	496.0	38.67	472.0	38.01	444.3	37.01	419.2	36.00	385.7	34.66
	45.0	41.0	570.2	37.35	550.1	36.98	520.0	36.42	496.0	36.00	472.0	35.57	444.3	34.70	419.2	33.79	385.7	32.59
	47.0	43.0	570.2	36.36	550.1	36.00	520.0	35.45	496.0	35.04	472.0	34.63	444.3	33.78	419.2	32.90	385.7	31.72
	50.0	46.0	570.2	35.02	550.1	34.67	520.0	34.15	496.0	33.75	472.0	33.35	444.3	32.53	419.2	31.68	385.7	30.55
	55.0	51.0	570.2	32.87	550.1	32.54	520.0	32.05	496.0	31.68	472.0	31.31	444.3	30.53	419.2	29.74	385.7	28.68
	60.0	56.0	570.2	30.56	550.1	30.26	520.0	29.81	496.0	29.46	472.0	29.11	444.3	28.39	419.2	27.65	385.7	26.67

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 70°F dry bulb (DB) and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

HEATING CAPACITY DATA



ARUM384CTE5

384,000 Btu/h 575V Outdoor Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
	°F DB	°F WB	59		61		64		67		70		73		76		80	
			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%	-21.6	-22.0	222.4	19.23	221.4	21.99	220.1	26.13	218.7	28.95	217.4	31.76	215.7	35.70	214.6	38.13	213.1	41.37
	-17.1	-17.5	258.1	23.13	257.1	25.42	255.5	28.85	253.7	31.71	251.9	34.57	249.9	38.58	248.6	40.91	246.9	44.03
	-12.6	-13.0	293.9	26.85	292.7	28.85	290.9	31.85	290.4	34.61	289.9	37.38	287.5	41.45	286.1	43.70	284.1	46.70
	-7.0	-7.6	336.8	31.31	335.4	32.96	333.3	35.45	331.8	38.09	330.4	40.74	327.7	44.89	326.0	47.04	323.8	49.90
	-4.0	-4.4	362.6	33.99	361.1	35.43	358.8	37.60	356.7	40.18	354.6	42.76	351.8	46.96	350.0	49.04	347.6	51.82
	0.0	-0.4	393.3	37.29	391.7	38.48	389.3	40.27	386.9	42.76	384.6	45.26	380.5	49.03	376.5	50.00	371.1	51.29
	5.0	4.5	431.7	41.42	429.9	42.29	427.2	43.60	422.5	45.99	417.8	48.38	401.1	49.60	384.8	49.44	363.1	49.23
	10.0	9.0	464.9	45.55	459.4	46.10	451.0	46.93	441.5	48.29	432.0	49.66	406.6	48.85	382.8	47.68	351.1	46.11
	15.0	14.0	501.9	49.91	491.1	49.84	474.8	49.72	453.4	49.39	432.0	49.07	406.6	46.50	382.8	45.09	351.1	43.21
	20.0	19.0	522.4	50.12	503.4	49.60	474.8	48.82	453.4	47.54	432.0	46.27	406.6	43.82	382.8	42.48	351.1	40.69
	25.0	23.0	522.4	50.18	503.4	48.12	474.8	45.05	453.4	44.29	432.0	43.52	406.6	41.19	382.8	39.92	351.1	38.22
	30.0	28.0	522.4	46.75	503.4	45.03	474.8	42.45	453.4	41.61	432.0	40.78	406.6	38.56	382.8	37.36	351.1	35.76
	35.0	32.0	522.4	43.32	503.4	41.93	474.8	39.85	453.4	38.94	432.0	38.04	406.6	35.93	382.8	34.80	351.1	33.29
	40.0	36.0	522.4	39.89	503.4	38.84	474.8	37.25	453.4	36.27	432.0	35.29	406.6	33.30	382.8	32.24	351.1	30.82
	45.0	41.0	522.4	36.55	503.4	35.80	474.8	34.67	453.4	33.63	432.0	32.59	406.6	30.72	382.8	29.73	351.1	28.40
	47.0	43.0	522.4	35.58	503.4	34.85	474.8	33.75	453.4	32.74	432.0	31.73	406.6	29.91	382.8	28.94	351.1	27.65
	50.0	46.0	522.4	34.26	503.4	33.56	474.8	32.51	453.4	31.53	432.0	30.56	406.6	28.80	382.8	27.87	351.1	26.63
	55.0	51.0	522.4	32.16	503.4	31.50	474.8	30.51	453.4	29.60	432.0	28.68	406.6	27.04	382.8	26.16	351.1	24.99
	60.0	56.0	522.4	29.91	503.4	29.29	474.8	28.37	453.4	27.52	432.0	26.67	406.6	25.14	382.8	24.33	351.1	23.24
90%	-21.6	-22.0	221.4	24.78	220.5	26.26	219.2	28.48	217.8	31.45	216.5	34.42	214.8	36.50	213.7	38.44	212.2	41.03
	-17.1	-17.5	257.1	27.70	256.0	29.18	254.4	31.39	252.6	34.36	250.9	37.34	248.9	39.41	247.6	41.35	245.9	43.94
	-12.6	-13.0	292.7	30.61	291.5	32.09	289.7	34.31	289.2	37.28	288.7	40.25	286.4	42.32	284.9	44.27	283.0	46.86
	-7.0	-7.6	335.5	34.11	334.1	35.59	332.0	37.80	330.5	40.78	329.0	43.75	326.3	45.82	324.7	47.77	322.5	50.36
	-4.0	-4.4	361.1	36.21	359.6	37.69	357.4	39.90	355.3	42.88	353.2	45.85	350.3	47.04	348.5	47.11	346.2	47.19
	0.0	-0.4	391.7	38.80	390.1	40.28	387.7	42.49	384.9	44.84	382.1	47.18	367.4	47.02	351.5	46.85	330.2	46.62
	5.0	4.5	433.4	42.04	428.1	43.52	420.1	45.73	407.9	46.37	395.6	47.00	372.3	46.32	349.7	45.08	319.4	43.43
	10.0	9.0	473.5	46.51	457.6	46.76	433.7	47.12	414.7	46.97	395.6	46.83	372.3	44.60	349.7	42.60	319.4	39.94
	15.0	14.0	479.1	47.13	461.0	47.03	433.7	46.89	414.7	45.81	395.6	44.74	372.3	42.31	349.7	40.40	319.4	37.85
	20.0	19.0	479.1	47.42	461.0	46.47	433.7	45.03	414.7	43.62	395.6	42.20	372.3	39.93	349.7	38.11	319.4	35.68
	25.0	23.0	479.1	44.61	461.0	43.71	433.7	42.36	414.7	41.04	395.6	39.71	372.3	37.59	349.7	35.86	319.4	33.55
	30.0	28.0	479.1	41.79	461.0	40.95	433.7	39.68	414.7	38.46	395.6	37.23	372.3	35.25	349.7	33.61	319.4	31.42
	35.0	32.0	479.1	38.97	461.0	38.19	433.7	37.01	414.7	35.87	395.6	34.74	372.3	32.91	349.7	31.36	319.4	29.29
	40.0	36.0	479.1	36.15	461.0	35.43	433.7	34.34	414.7	33.29	395.6	32.25	372.3	30.58	349.7	29.11	319.4	27.16
	45.0	41.0	479.1	33.39	461.0	32.71	433.7	31.71	414.7	30.75	395.6	29.80	372.3	28.28	349.7	26.90	319.4	25.07
	47.0	43.0	479.1	32.50	461.0	31.85	433.7	30.87	414.7	29.94	395.6	29.01	372.3	27.53	349.7	26.19	319.4	24.40
	50.0	46.0	479.1	31.30	461.0	30.67	433.7	29.73	414.7	28.83	395.6	27.94	372.3	26.51	349.7	25.22	319.4	23.50
	55.0	51.0	479.1	29.38	461.0	28.79	433.7	27.90	414.7	27.06	395.6	26.23	372.3	24.88	349.7	23.67	319.4	22.06
	60.0	56.0	479.1	27.32	461.0	26.77	433.7	25.95	414.7	25.17	395.6	24.39	372.3	23.14	349.7	22.02	319.4	20.52
80%	-21.6	-22.0	220.5	24.99	219.6	26.62	218.3	29.07	216.9	30.82	215.6	32.57	213.9	37.20	212.8	39.63	211.4	42.87
	-17.1	-17.5	256.0	27.90	255.0	29.54	253.4	31.99	251.6	33.73	249.9	35.48	247.8	40.11	246.6	42.54	244.9	45.78
	-12.6	-13.0	291.5	30.82	290.3	32.45	288.5	34.90	287.0	36.65	285.6	38.40	284.2	41.85	284.1	41.75	284.1	41.62
	-7.0	-7.6	334.1	34.32	332.7	35.95	330.6	38.40	329.1	40.15	327.7	41.90	322.7	41.71	316.0	41.61	307.2	41.49
	-4.0	-4.4	359.6	36.42	358.1	38.05	355.9	40.50	353.8	41.15	351.7	41.81	331.3	41.62	312.9	41.53	288.2	41.41
	0.0	-0.4	393.9	39.83	388.5	40.64	380.4	41.85	367.4	41.77	354.3	41.70	332.3	41.25	312.5	40.61	286.1	39.75
	5.0	4.5	421.7	41.87	408.6	41.81	389.0	41.73	371.7	41.64	354.3	41.56	332.3	39.71	312.5	38.50	286.1	36.89
	10.0	9.0	428.6	41.73	412.8	41.68	389.0	41.60	371.7	40.97	354.3	40.34	332.3	37.73	312.5	36.56	286.1	35.00
	15.0	14.0	428.6	41.75	412.8	41.55	389.0	41.24	371.7	39.73	354.3	38.21	332.3	35.79	312.5	34.66	286.1	33.14
	20.0	19.0	428.6	40.62	412.8	39.90	389.0	38.83	371.7	37.41	354.3	35.99	332.3	33.77	312.5	32.67	286.1	31.21
	25.0	23.0	428.6	38.17	412.8	37.49	389.0	36.47	371.7	35.14	354.3	33.82	332.3	31.79	312.5	30.73	286.1	29.31
	30.0	28.0	428.6	35.71	412.8	35.07	389.0	34.10	371.7	32.87	354.3	31.65	332.3	29.82	312.5	28.79	286.1	27.42
	35.0	32.0	428.6	33.26	412.8	32.65	389.0	31.74	371.7	30.60	354.3	29.47	332.3	27.84	312.5	26.85	286.1	25.52
	40.0	36.0	428.6	30.81	412.8	30.24	389.0	29.37	371.7	28.34	354.3	27.30	332.3	25.86	312.5	24.90	286.1	23.63
	45.0	41.0	428.6	28.40	412.8	27.86	389.0	27.05	371.7	26.11	354.3	25.16	332.3	23.91	312.5	22.99	286.1	21.77
	47.0	43.0	428.6	27.65	412.8	27.12	389.0	26.34	371.7	25.42	354.3	24.50	332.3	23.27	312.5	22.38	286.1	21.19
	50.0	46.0	428.6	26.63	412.8	26.12	389.0	25.37	371.7	24.48	354.3	23.59	332.3	22.42	312.5	21.56	286.1	20.41
	55.0	51.0	428.6	25.00	412.8	24.52	389.0	23.81	371.7	22.98	354.3	22.14	332.3	21.04	312.5	20.23	286.1	19.16
	60.0	56.0	428.6	23.24	412.8	22.80	389.0	22.14	371.7	21.37	354.3	20.59	332.3	19.57	312.5	18.82	286.1	17.82

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).

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
	°F DB	°F WB	59		61		64		67		70		73		76		80	
			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%	-21.6	-22.0	219.2	26.78	218.3	27.56	217.0	28.73	215.7	31.64	214.4	34.55	212.6	38.60	211.6	41.03	210.1	44.27
	-17.1	-17.5	254.5	29.70	253.5	30.47	251.9	31.64	250.1	34.55	248.4	37.47	246.4	40.35	245.1	40.27	243.5	40.16
	-12.6	-13.0	289.8	32.61	288.6	33.39	286.8	34.55	285.4	37.47	283.9	40.38	278.4	40.24	269.5	40.17	257.7	40.09
	-7.0	-7.6	330.9	36.11	330.7	36.89	330.5	38.05	315.4	39.15	300.3	40.24	283.8	40.11	267.5	40.06	245.8	40.00
	-4.0	-4.4	359.9	38.21	348.1	38.98	330.5	40.15	315.4	40.15	300.3	40.16	283.8	40.04	267.5	40.00	245.8	39.95
	0.0	-0.4	363.1	40.37	350.0	40.29	330.5	40.18	315.4	40.11	300.3	40.05	283.8	38.94	267.5	38.30	245.8	37.43
	5.0	4.5	363.1	40.13	350.0	40.04	330.5	39.89	315.4	39.29	300.3	38.68	283.8	36.87	267.5	36.18	245.8	35.26
	10.0	9.0	363.1	39.90	350.0	39.78	330.5	39.60	315.4	38.06	300.3	36.52	283.8	34.80	267.5	34.06	245.8	33.08
	15.0	14.0	363.1	40.43	350.0	39.29	330.5	37.58	315.4	36.00	300.3	34.41	283.8	32.77	267.5	31.99	245.8	30.95
	20.0	19.0	363.1	37.78	350.0	36.73	330.5	35.15	315.4	33.68	300.3	32.21	283.8	30.66	267.5	29.83	245.8	28.73
	25.0	23.0	363.1	35.20	350.0	34.22	330.5	32.77	315.4	31.41	300.3	30.06	283.8	28.58	267.5	27.71	245.8	26.55
	30.0	28.0	363.1	32.61	350.0	31.72	330.5	30.38	315.4	29.14	300.3	27.90	283.8	26.51	267.5	25.60	245.8	24.38
	35.0	32.0	363.1	30.02	350.0	29.21	330.5	27.99	315.4	26.87	300.3	25.74	283.8	24.44	267.5	23.48	245.8	22.20
	40.0	36.0	363.1	27.43	350.0	26.70	330.5	25.61	315.4	24.60	300.3	23.59	283.8	22.37	267.5	21.37	245.8	20.03
	45.0	41.0	363.1	24.91	350.0	24.26	330.5	23.29	315.4	22.39	300.3	21.49	283.8	20.36	267.5	19.32	245.8	17.93
	47.0	43.0	363.1	24.25	350.0	23.62	330.5	22.67	315.4	21.79	300.3	20.92	283.8	19.82	267.5	18.80	245.8	17.46
	50.0	46.0	363.1	23.36	350.0	22.75	330.5	21.83	315.4	20.99	300.3	20.15	283.8	19.08	267.5	18.11	245.8	16.81
	55.0	51.0	363.1	21.92	350.0	21.35	330.5	20.49	315.4	19.70	300.3	18.91	283.8	17.91	267.5	17.00	245.8	15.78
	60.0	56.0	363.1	20.39	350.0	19.86	330.5	19.06	315.4	18.32	300.3	17.59	283.8	16.66	267.5	15.81	245.8	14.67
60%	-21.6	-22.0	203.0	24.68	202.1	25.46	200.9	26.62	199.7	29.54	198.5	32.45	196.8	36.50	195.8	38.93	194.5	42.17
	-17.1	-17.5	235.6	27.59	234.6	28.37	233.2	29.54	231.6	32.45	229.9	35.37	227.7	38.24	225.8	38.14	223.3	38.02
	-12.6	-13.0	268.9	30.51	267.1	31.29	264.5	32.45	261.1	35.37	257.6	38.28	242.5	38.12	229.2	38.03	211.4	37.91
	-7.0	-7.6	311.0	34.01	300.3	34.78	284.3	35.95	271.0	37.02	257.6	38.10	242.5	37.98	229.2	37.90	211.4	37.79
	-4.0	-4.4	311.0	36.10	300.3	36.88	284.3	38.05	271.0	38.02	257.6	37.99	242.5	37.40	229.2	36.28	211.4	34.79
	0.0	-0.4	311.0	38.27	300.3	38.23	284.3	38.16	271.0	37.66	257.6	37.15	242.5	35.83	229.2	34.61	211.4	32.98
	5.0	4.5	311.0	38.14	300.3	38.08	284.3	38.00	271.0	36.53	257.6	35.07	242.5	33.76	229.2	32.56	211.4	30.95
	10.0	9.0	311.0	38.79	300.3	37.94	284.3	36.66	271.0	34.82	257.6	32.99	242.5	31.68	229.2	30.50	211.4	28.93
	15.0	14.0	311.0	36.99	300.3	35.93	284.3	34.34	271.0	32.64	257.6	30.94	242.5	29.65	229.2	28.49	211.4	26.94
	20.0	19.0	311.0	34.51	300.3	33.47	284.3	31.92	271.0	30.37	257.6	28.82	242.5	27.53	229.2	26.39	211.4	24.87
	25.0	23.0	311.0	32.08	300.3	31.07	284.3	29.55	271.0	28.14	257.6	26.74	242.5	25.46	229.2	24.34	211.4	22.85
	30.0	28.0	311.0	29.65	300.3	28.66	284.3	27.18	271.0	25.92	257.6	24.65	242.5	23.39	229.2	22.29	211.4	20.82
	35.0	32.0	311.0	27.22	300.3	26.26	284.3	24.81	271.0	23.69	257.6	22.57	242.5	21.31	229.2	20.23	211.4	18.79
	40.0	36.0	311.0	24.79	300.3	23.85	284.3	22.45	271.0	21.47	257.6	20.49	242.5	19.24	229.2	18.18	211.4	16.76
	45.0	41.0	311.0	22.43	300.3	21.52	284.3	20.16	271.0	19.32	257.6	18.47	242.5	17.24	229.2	16.20	211.4	14.82
	47.0	43.0	311.0	21.84	300.3	20.95	284.3	19.63	271.0	18.80	257.6	17.98	242.5	16.78	229.2	15.77	211.4	14.43
	50.0	46.0	311.0	21.03	300.3	20.18	284.3	18.90	271.0	18.11	257.6	17.32	242.5	16.16	229.2	15.19	211.4	13.89
	55.0	51.0	311.0	19.74	300.3	18.94	284.3	17.74	271.0	17.00	257.6	16.26	242.5	15.17	229.2	14.26	211.4	13.04
	60.0	56.0	311.0	18.36	300.3	17.61	284.3	16.50	271.0	15.81	257.6	15.12	242.5	14.11	229.2	13.26	211.4	12.13
50%	-21.6	-22.0	187.9	21.18	187.1	21.95	185.9	23.12	184.8	26.04	183.7	28.95	181.2	33.00	178.2	35.43	174.1	38.67
	-17.1	-17.5	218.1	24.09	217.2	24.87	215.8	26.04	211.6	28.95	207.3	31.86	199.5	34.72	191.6	34.58	181.0	34.39
	-12.6	-13.0	260.0	27.01	250.5	27.78	236.3	28.95	225.7	31.86	215.0	34.78	202.4	34.56	190.5	34.41	174.7	34.21
	-7.0	-7.6	260.0	30.50	250.5	31.28	236.3	32.45	225.7	33.51	215.0	34.58	202.4	33.68	190.5	32.04	174.7	29.84
	-4.0	-4.4	260.0	32.60	250.5	33.38	236.3	34.55	225.7	34.50	215.0	34.46	202.4	32.46	190.5	30.86	174.7	28.74
	0.0	-0.4	260.0	34.81	250.5	34.71	236.3	34.56	225.7	33.77	215.0	32.98	202.4	30.95	190.5	29.42	174.7	27.38
	5.0	4.5	260.0	35.46	250.5	34.53	236.3	33.15	225.7	32.05	215.0	30.96	202.4	29.06	190.5	27.61	174.7	25.68
	10.0	9.0	260.0	34.71	250.5	33.24	236.3	31.03	225.7	29.98	215.0	28.94	202.4	27.17	190.5	25.81	174.7	23.98
	15.0	14.0	260.0	32.37	250.5	31.00	236.3	28.95	225.7	27.95	215.0	26.96	202.4	25.32	190.5	24.04	174.7	22.32
	20.0	19.0	260.0	29.94	250.5	28.67	236.3	26.78	225.7	25.84	215.0	24.90	202.4	23.40	190.5	22.19	174.7	20.58
	25.0	23.0	260.0	27.55	250.5	26.39	236.3	24.66	225.7	23.77	215.0	22.87	202.4	21.51	190.5	20.39	174.7	18.88
	30.0	28.0	260.0	25.16	250.5	24.11	236.3	22.54	225.7	21.70	215.0	20.85	202.4	19.62	190.5	18.58	174.7	17.18
	35.0	32.0	260.0	22.78	250.5	21.83	236.3	20.42	225.7	19.63	215.0	18.83	202.4	17.74	190.5	16.77	174.7	15.49
	40.0	36.0	260.0	20.39	250.5	19.55	236.3	18.29	225.7	17.55	215.0	16.81	202.4	15.85	190.5	14.96	174.7	13.79
	45.0	41.0	260.0	18.10	250.5	17.36	236.3	16.26	225.7	15.57	215.0	14.87	202.4	14.04	190.5	13.23	174.7	12.16
	47.0	43.0	260.0	17.62	250.5	16.90	236.3	15.82	225.7	15.15	215.0	14.48	202.4	13.67	190.5	12.88	174.7	11.84
	50.0	46.0	260.0	16.97	250.5	16.28	236.3	15.24	225.7	14.59	215.0	13.95	202.4	13.16	190.5	12.41	174.7	11.40
	55.0	51.0	260.0	15.93	250.5	15.28	236.3	14.31	225.7	13.70	215.0	13.09	202.4	12.35	190.5	11.64	174.7	10.70
	60.0	56.0	260.0	14.81	250.5	14.21	236.3	13.30	225.7	12.74	215.0	12.17	202.4	11.49	190.5	10.83	174.7	9.95

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).

HEATING CAPACITY DATA



ARUM408CTE5

408,000 Btu/h 575V Outdoor Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
	°F DB	°F WB	59		61		64		67		70		73		76		80	
			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%	-21.6	-22.0	240.2	15.78	239.2	17.96	237.7	21.22	236.3	24.30	234.9	27.39	233.0	31.34	231.8	33.59	230.2	36.58
	-17.1	-17.5	278.9	19.02	277.7	21.15	276.0	24.34	274.1	27.32	272.2	30.30	270.0	33.92	268.6	35.92	266.7	38.58
	-12.6	-13.0	329.3	22.26	325.7	24.34	320.3	27.46	316.7	30.33	313.2	33.20	310.6	36.50	309.1	38.25	307.0	40.58
	-7.0	-7.6	375.2	26.14	371.1	28.17	365.0	31.20	360.9	33.95	356.9	36.69	354.0	39.59	352.2	41.04	349.8	42.98
	-4.0	-4.4	402.8	28.48	398.4	30.46	391.8	33.45	387.5	36.12	383.1	38.79	380.0	41.45	378.1	42.72	375.5	44.42
	0.0	-0.4	436.8	31.35	432.1	33.30	424.9	36.22	420.2	38.79	415.5	41.37	412.1	43.74	410.0	44.79	407.2	46.20
	5.0	4.5	479.4	34.95	474.2	36.85	466.3	39.68	461.2	42.14	456.0	44.60	452.3	46.60	450.0	47.38	446.9	48.43
	10.0	9.0	521.9	38.55	516.2	40.39	507.7	43.15	502.1	45.49	496.5	47.83	492.4	49.47	489.9	49.97	486.6	50.65
	15.0	14.0	563.6	42.08	557.5	43.86	548.3	46.55	542.2	48.77	536.1	51.00	531.8	52.12	529.1	52.02	525.5	51.89
	20.0	19.0	603.5	45.75	598.3	47.48	590.5	50.08	583.5	50.99	576.4	51.90	568.3	50.87	526.9	49.80	485.1	48.37
	25.0	23.0	612.1	50.34	612.9	51.03	614.0	52.05	604.9	51.35	595.8	50.65	559.6	48.47	526.5	47.41	482.3	46.01
	30.0	28.0	612.9	52.16	612.9	52.00	612.9	51.77	604.3	49.95	595.8	48.12	559.6	46.07	526.5	45.03	482.3	43.64
	35.0	32.0	612.9	53.19	612.9	51.77	612.9	49.65	604.3	47.62	595.8	45.59	559.6	43.66	526.5	42.64	482.3	41.28
	40.0	36.0	612.9	51.02	612.9	49.13	612.9	46.29	604.3	44.67	595.8	43.05	559.6	41.26	526.5	40.26	482.3	38.92
	45.0	41.0	612.9	45.36	612.9	44.40	612.9	42.97	604.3	41.74	595.8	40.51	559.6	38.84	526.5	37.86	482.3	36.55
	47.0	43.0	612.9	44.15	612.9	43.22	612.9	41.83	604.3	40.63	595.8	39.43	559.6	37.81	526.5	36.86	482.3	35.58
	50.0	46.0	612.9	42.52	612.9	41.63	612.9	40.29	604.3	39.13	595.8	37.98	559.6	36.42	526.5	35.50	482.3	34.27
	55.0	51.0	612.9	39.91	612.9	39.07	612.9	37.81	604.3	36.73	595.8	35.65	559.6	34.18	526.5	33.32	482.3	32.16
	60.0	56.0	612.9	37.12	612.9	36.34	612.9	35.16	604.3	34.16	595.8	33.15	559.6	31.79	526.5	30.98	482.3	29.91
120%	-21.6	-22.0	238.5	19.44	237.5	21.07	236.0	23.51	234.6	25.65	233.2	27.78	231.3	29.14	230.2	29.45	228.6	29.86
	-17.1	-17.5	276.9	22.49	275.7	24.12	274.0	26.56	272.1	28.70	270.2	30.83	268.0	32.19	266.7	32.50	264.9	32.91
	-12.6	-13.0	320.8	25.54	318.8	27.17	315.8	29.61	313.4	31.75	311.0	33.88	308.4	35.25	306.9	35.55	304.8	35.96
	-7.0	-7.6	370.4	29.21	366.8	30.83	361.6	33.27	358.0	35.41	354.4	37.54	351.5	38.91	349.7	39.21	347.3	39.62
	-4.0	-4.4	397.6	31.40	393.8	33.03	388.2	35.47	384.3	37.60	380.4	39.74	377.3	41.10	375.4	41.41	372.8	41.81
	0.0	-0.4	431.2	34.11	427.1	35.74	421.0	38.18	416.8	40.32	412.6	42.45	409.2	43.81	407.1	44.12	404.4	44.53
	5.0	4.5	473.2	37.50	468.7	39.13	462.0	41.57	457.4	43.71	452.8	45.84	449.1	47.20	446.8	47.51	443.7	47.92
	10.0	9.0	515.2	40.89	510.3	42.52	503.0	44.96	498.0	47.10	492.9	49.23	488.9	50.59	486.5	50.90	483.1	51.31
	15.0	14.0	556.3	44.21	551.1	45.84	543.2	48.28	537.8	50.42	532.3	52.55	518.9	53.67	496.8	53.44	467.3	53.13
	20.0	19.0	597.1	47.67	591.8	49.30	583.7	51.74	571.1	51.90	558.6	52.07	526.3	51.10	494.2	50.81	451.4	50.43
	25.0	23.0	612.2	52.76	607.9	52.69	601.5	52.59	580.1	51.04	558.6	49.49	526.3	48.59	494.2	48.24	451.4	47.78
	30.0	28.0	612.2	52.87	607.9	51.57	601.5	49.62	580.1	48.27	558.6	46.91	526.3	46.08	494.2	45.67	451.4	45.12
	35.0	32.0	612.2	49.44	607.9	48.32	601.5	46.65	580.1	45.49	558.6	44.33	526.3	43.56	494.2	43.10	451.4	42.47
	40.0	36.0	612.2	46.01	607.9	45.08	601.5	43.69	580.1	42.72	558.6	41.76	526.3	41.05	494.2	40.53	451.4	39.82
	45.0	41.0	612.2	42.63	607.9	41.88	601.5	40.74	580.1	39.96	558.6	39.17	526.3	38.54	494.2	37.96	451.4	37.19
	47.0	43.0	612.2	41.50	607.9	40.76	601.5	39.66	580.1	38.90	558.6	38.14	526.3	37.51	494.2	36.95	451.4	36.20
	50.0	46.0	612.2	39.97	607.9	39.26	601.5	38.20	580.1	37.46	558.6	36.73	526.3	36.13	494.2	35.59	451.4	34.87
	55.0	51.0	612.2	37.52	607.9	36.85	601.5	35.85	580.1	35.16	558.6	34.47	526.3	33.91	494.2	33.40	451.4	32.73
	60.0	56.0	612.2	34.89	607.9	34.27	601.5	33.34	580.1	32.70	558.6	32.06	526.3	31.54	494.2	31.06	451.4	30.43
110%	-21.6	-22.0	237.2	24.73	236.2	25.95	234.8	27.78	233.4	29.80	232.0	31.81	230.1	35.55	228.9	38.60	227.3	42.67
	-17.1	-17.5	275.4	27.78	274.3	29.00	272.5	30.83	270.7	32.85	268.8	34.86	266.6	38.60	265.2	41.65	263.4	45.72
	-12.6	-13.0	314.5	30.83	313.6	32.05	312.3	33.88	310.8	35.90	309.3	37.91	306.8	41.65	305.2	44.70	303.1	48.77
	-7.0	-7.6	361.0	34.49	359.3	35.71	356.7	37.54	354.6	39.56	352.4	41.57	349.6	45.31	347.8	48.36	345.4	52.43
	-4.0	-4.4	389.1	36.69	386.7	37.91	383.1	39.74	380.7	41.75	378.4	43.77	375.3	47.51	373.4	50.56	370.8	54.63
	0.0	-0.4	423.6	39.40	420.5	40.62	415.8	42.45	413.1	44.47	410.3	46.48	407.0	50.22	404.9	53.27	402.2	57.34
	5.0	4.5	466.8	42.79	462.8	44.01	456.7	45.84	453.5	47.85	450.3	49.87	444.2	52.52	436.8	53.23	426.9	54.18
	10.0	9.0	510.0	46.18	505.0	47.40	497.6	49.23	493.9	51.24	490.3	53.26	469.6	52.57	446.3	51.58	415.2	50.27
	15.0	14.0	552.3	49.50	546.5	50.72	537.7	52.55	519.6	52.43	501.5	52.30	472.1	50.91	445.4	49.29	409.8	47.14
	20.0	19.0	605.9	54.22	584.5	53.60	552.4	52.67	527.0	51.32	501.5	49.98	472.1	48.44	445.4	46.93	409.8	44.93
	25.0	23.0	605.9	53.27	584.5	52.13	552.4	50.43	527.0	48.93	501.5	47.43	472.1	46.01	445.4	44.62	409.8	42.77
	30.0	28.0	605.9	50.53	584.5	49.25	552.4	47.34	527.0	46.11	501.5	44.88	472.1	43.59	445.4	42.31	409.8	40.60
	35.0	32.0	605.9	46.68	584.5	45.71	552.4	44.25	527.0	43.29	501.5	42.33	472.1	41.16	445.4	40.00	409.8	38.44
	40.0	36.0	605.9	42.84	584.5	42.17	552.4	41.16	527.0	40.47	501.5	39.78	472.1	38.74	445.4	37.68	409.8	36.28
	45.0	41.0	605.9	39.09	584.5	38.70	552.4	38.12	527.0	37.68	501.5	37.23	472.1	36.31	445.4	35.37	409.8	34.11
	47.0	43.0	605.9	38.05	584.5	37.67	552.4	37.11	527.0	36.68	501.5	36.25	472.1	35.35	445.4	34.43	409.8	33.20
	50.0	46.0	605.9	36.65	584.5	36.29	552.4	35.74	527.0	35.32	501.5	34.91	472.1	34.05	445.4	33.16	409.8	31.98
	55.0	51.0	605.9	34.40	584.5	34.06	552.4	33.55	527.0	33.16	501.5	32.77	472.1	31.96	445.4	31.12	409.8	30.01
	60.0	56.0	605.9	31.99	584.5	31.67	552.4	31.20	527.0	30.83	501.5	30.47	472.1	29.72	445.4	28.94	409.8	27.91

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).

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
	°F DB	°F WB	59		61		64		67		70		73		76		80	
			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%	-21.6	-22.0	236.3	20.13	235.3	23.02	233.8	27.35	232.4	30.30	231.0	33.25	229.1	37.37	228.0	39.91	226.4	43.30
	-17.1	-17.5	274.3	24.21	273.1	26.61	271.4	30.20	269.5	33.19	267.7	36.18	265.5	40.37	264.1	42.82	262.3	46.09
	-12.6	-13.0	312.3	28.10	311.0	30.20	309.0	33.33	308.5	36.23	308.0	39.12	305.5	43.38	304.0	45.74	301.9	48.88
	-7.0	-7.6	357.9	32.77	356.4	34.50	354.2	37.10	352.6	39.87	351.0	42.64	348.2	46.99	346.4	49.23	344.0	52.23
	-4.0	-4.4	385.2	35.57	383.7	37.09	381.3	39.36	379.0	42.06	376.8	44.76	373.7	49.15	371.8	51.33	369.3	54.24
	0.0	-0.4	417.9	39.03	416.2	40.28	413.6	42.15	411.1	44.76	408.6	47.37	404.3	51.32	400.0	52.33	394.3	53.68
	5.0	4.5	458.6	43.35	456.7	44.26	453.9	45.63	448.9	48.13	443.9	50.63	426.2	51.91	408.9	51.75	385.8	51.53
	10.0	9.0	494.0	47.67	488.1	48.25	479.2	49.12	469.1	50.55	459.0	51.97	432.0	51.13	406.7	49.90	373.0	48.26
	15.0	14.0	533.2	52.24	521.8	52.16	504.5	52.04	481.8	51.70	459.0	51.35	432.0	48.67	406.7	47.19	373.0	45.22
	20.0	19.0	555.1	52.46	534.9	51.91	504.5	51.09	481.8	49.76	459.0	48.43	432.0	45.86	406.7	44.46	373.0	42.59
	25.0	23.0	555.1	52.52	534.9	50.37	504.5	47.15	481.8	46.35	459.0	45.55	432.0	43.11	406.7	41.78	373.0	40.01
	30.0	28.0	555.1	48.93	534.9	47.13	504.5	44.43	481.8	43.55	459.0	42.68	432.0	40.36	406.7	39.10	373.0	37.42
	35.0	32.0	555.1	45.34	534.9	43.89	504.5	41.71	481.8	40.76	459.0	39.81	432.0	37.61	406.7	36.42	373.0	34.84
	40.0	36.0	555.1	41.75	534.9	40.65	504.5	38.99	481.8	37.96	459.0	36.94	432.0	34.86	406.7	33.74	373.0	32.26
	45.0	41.0	555.1	38.25	534.9	37.47	504.5	36.29	481.8	35.20	459.0	34.11	432.0	32.16	406.7	31.12	373.0	29.73
	47.0	43.0	555.1	37.24	534.9	36.47	504.5	35.33	481.8	34.27	459.0	33.21	432.0	31.30	406.7	30.29	373.0	28.94
	50.0	46.0	555.1	35.86	534.9	35.13	504.5	34.02	481.8	33.00	459.0	31.98	432.0	30.15	406.7	29.17	373.0	27.87
	55.0	51.0	555.1	33.66	534.9	32.97	504.5	31.94	481.8	30.98	459.0	30.02	432.0	28.30	406.7	27.38	373.0	26.16
	60.0	56.0	555.1	31.30	534.9	30.66	504.5	29.70	481.8	28.81	459.0	27.92	432.0	26.31	406.7	25.46	373.0	24.33
90%	-21.6	-22.0	235.3	25.94	234.3	27.49	232.8	29.81	231.5	32.92	230.1	36.03	228.2	38.20	227.0	40.23	225.5	42.94
	-17.1	-17.5	273.1	28.99	272.0	30.54	270.3	32.86	268.4	35.97	266.6	39.08	264.4	41.25	263.1	43.28	261.3	45.99
	-12.6	-13.0	311.0	32.04	309.7	33.59	307.8	35.91	307.3	39.02	306.7	42.13	304.3	44.30	302.7	46.33	300.6	49.04
	-7.0	-7.6	356.4	35.70	354.9	37.25	352.7	39.57	351.1	42.68	349.6	45.79	346.7	47.96	345.0	49.99	342.6	52.71
	-4.0	-4.4	383.7	37.90	382.1	39.45	379.7	41.76	377.5	44.88	375.3	47.99	372.2	49.24	370.3	49.30	367.8	49.39
	0.0	-0.4	416.2	40.61	414.5	42.16	411.9	44.48	408.9	46.93	406.0	49.38	390.4	49.21	373.4	49.03	350.8	48.79
	5.0	4.5	460.5	44.00	454.9	45.55	446.4	47.86	433.4	48.53	420.4	49.20	395.6	48.48	371.5	47.18	339.4	45.45
	10.0	9.0	503.1	48.68	486.2	48.94	460.9	49.32	440.6	49.16	420.4	49.01	395.6	46.68	371.5	44.59	339.4	41.80
	15.0	14.0	509.1	49.33	489.8	49.23	460.9	49.07	440.6	47.95	420.4	46.83	395.6	44.28	371.5	42.28	339.4	39.62
	20.0	19.0	509.1	49.64	489.8	48.64	460.9	47.13	440.6	45.65	420.4	44.17	395.6	41.79	371.5	39.88	339.4	37.35
	25.0	23.0	509.1	46.69	489.8	45.75	460.9	44.34	440.6	42.95	420.4	41.57	395.6	39.34	371.5	37.53	339.4	35.12
	30.0	28.0	509.1	43.74	489.8	42.86	460.9	41.54	440.6	40.25	420.4	38.96	395.6	36.90	371.5	35.18	339.4	32.89
	35.0	32.0	509.1	40.79	489.8	39.97	460.9	38.74	440.6	37.55	420.4	36.36	395.6	34.45	371.5	32.82	339.4	30.66
	40.0	36.0	509.1	37.84	489.8	37.08	460.9	35.94	440.6	34.85	420.4	33.75	395.6	32.00	371.5	30.47	339.4	28.43
	45.0	41.0	509.1	34.94	489.8	34.24	460.9	33.19	440.6	32.19	420.4	31.19	395.6	29.59	371.5	28.16	339.4	26.24
	47.0	43.0	509.1	34.02	489.8	33.33	460.9	32.31	440.6	31.34	420.4	30.37	395.6	28.81	371.5	27.41	339.4	25.54
	50.0	46.0	509.1	32.76	489.8	32.10	460.9	31.11	440.6	30.18	420.4	29.25	395.6	27.75	371.5	26.40	339.4	24.60
	55.0	51.0	509.1	30.75	489.8	30.13	460.9	29.20	440.6	28.33	420.4	27.45	395.6	26.04	371.5	24.78	339.4	23.09
	60.0	56.0	509.1	28.60	489.8	28.02	460.9	27.16	440.6	26.34	420.4	25.53	395.6	24.22	371.5	23.04	339.4	21.47
80%	-21.6	-22.0	234.3	26.16	233.3	27.86	231.9	30.43	230.5	32.26	229.1	34.09	227.3	38.93	226.1	41.48	224.6	44.87
	-17.1	-17.5	272.0	29.21	270.9	30.91	269.2	33.48	267.3	35.31	265.5	37.14	263.3	41.98	262.0	44.53	260.2	47.92
	-12.6	-13.0	309.7	32.26	308.4	33.97	306.5	36.53	305.0	38.36	303.4	40.19	301.9	43.80	301.9	43.70	301.8	43.56
	-7.0	-7.6	355.0	35.92	353.5	37.63	351.3	40.19	349.7	42.02	348.1	43.85	342.8	43.65	335.8	43.55	326.4	43.43
	-4.0	-4.4	382.1	38.11	380.5	39.82	378.1	42.38	375.9	43.07	373.6	43.76	352.1	43.56	332.4	43.47	306.3	43.34
	0.0	-0.4	418.5	41.69	412.8	42.53	404.2	43.80	390.3	43.72	376.5	43.64	353.1	43.17	332.1	42.50	304.0	41.60
	5.0	4.5	448.0	43.82	434.2	43.76	413.3	43.67	394.9	43.59	376.5	43.50	353.1	41.56	332.1	40.30	304.0	38.61
	10.0	9.0	455.4	43.67	438.6	43.62	413.3	43.55	394.9	42.88	376.5	42.22	353.1	39.49	332.1	38.27	304.0	36.63
	15.0	14.0	455.4	43.70	438.6	43.48	413.3	43.17	394.9	41.58	376.5	39.99	353.1	37.46	332.1	36.27	304.0	34.69
	20.0	19.0	455.4	42.51	438.6	41.76	413.3	40.64	394.9	39.16	376.5	37.67	353.1	35.35	332.1	34.20	304.0	32.66
	25.0	23.0	455.4	39.95	438.6	39.23	413.3	38.17	394.9	36.78	376.5	35.40	353.1	33.28	332.1	32.17	304.0	30.68
	30.0	28.0	455.4	37.38	438.6	36.70	413.3	35.69	394.9	34.41	376.5	33.12	353.1	31.21	332.1	30.13	304.0	28.70
	35.0	32.0	455.4	34.81	438.6	34.17	413.3	33.22	394.9	32.03	376.5	30.85	353.1	29.13	332.1	28.10	304.0	26.72
	40.0	36.0	455.4	32.25	438.6	31.65	413.3	30.74	394.9	29.66	376.5	28.57	353.1	27.06	332.1	26.06	304.0	24.73
	45.0	41.0	455.4	29.73	438.6	29.16	413.3	28.32	394.9	27.33	376.5	26.34	353.1	25.02	332.1	24.07	304.0	22.79
	47.0	43.0	455.4	28.94	438.6	28.39	413.3	27.56	394.9	26.60	376.5	25.64	353.1	24.36	332.1	23.43	304.0	22.18
	50.0	46.0	455.4	27.87	438.6	27.34	413.3	26.55	394.9	25.62	376.5	24.69	353.1	23.46	332.1	22.56	304.0	21.36
	55.0	51.0	455.4	26.16	438.6	25.66	413.3	24.92	394.9	24.05	376.5	23.18	353.1	22.02	332.1	21.18	304.0	20.05
	60.0	56.0	455.4	24.33	438.6	23.87	413.3	23.17	394.9	22.36	376.5	21.55	353.1	20.48	332.1	19.69	304.0	18.65

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).

HEATING CAPACITY DATA



ARUM408CTE5

408,000 Btu/h 575V Outdoor 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%	-21.6	-22.0	232.9	28.03	232.0	28.84	230.5	30.07	229.2	33.12	227.8	36.17	225.9	40.40	224.8	42.95	223.2	46.33
	-17.1	-17.5	270.4	31.08	269.3	31.90	267.6	33.12	265.8	36.17	263.9	39.22	261.8	42.23	260.4	42.14	258.7	42.03
	-12.6	-13.0	307.9	34.13	306.6	34.95	304.7	36.17	303.2	39.22	301.7	42.27	299.8	42.12	298.3	42.05	297.8	41.96
	-7.0	-7.6	351.6	37.79	351.4	38.61	351.2	39.83	335.1	40.97	319.1	42.12	301.5	41.98	284.2	41.93	261.2	41.86
	-4.0	-4.4	382.3	39.99	369.9	40.80	351.2	42.02	335.1	42.03	319.1	42.03	301.5	41.90	284.2	41.86	261.2	41.81
	0.0	-0.4	385.8	42.25	371.9	42.17	351.2	42.05	335.1	41.98	319.1	41.92	301.5	40.76	284.2	40.08	261.2	39.18
	5.0	4.5	385.8	42.01	371.9	41.90	351.2	41.75	335.1	41.12	319.1	40.49	301.5	38.59	284.2	37.87	261.2	36.90
	10.0	9.0	385.8	41.76	371.9	41.64	351.2	41.45	335.1	39.84	319.1	38.23	301.5	36.42	284.2	35.65	261.2	34.62
	15.0	14.0	385.8	42.31	371.9	41.12	351.2	39.34	335.1	37.68	319.1	36.02	301.5	34.30	284.2	33.48	261.2	32.39
	20.0	19.0	385.8	39.55	371.9	38.44	351.2	36.79	335.1	35.25	319.1	33.71	301.5	32.09	284.2	31.22	261.2	30.07
	25.0	23.0	385.8	36.84	371.9	35.82	351.2	34.29	335.1	32.88	319.1	31.46	301.5	29.92	284.2	29.01	261.2	27.79
	30.0	28.0	385.8	34.13	371.9	33.19	351.2	31.80	335.1	30.50	319.1	29.20	301.5	27.75	284.2	26.79	261.2	25.52
	35.0	32.0	385.8	31.42	371.9	30.57	351.2	29.30	335.1	28.12	319.1	26.94	301.5	25.58	284.2	24.58	261.2	23.24
	40.0	36.0	385.8	28.71	371.9	27.94	351.2	26.80	335.1	25.74	319.1	24.69	301.5	23.41	284.2	22.36	261.2	20.96
	45.0	41.0	385.8	26.07	371.9	25.39	351.2	24.37	335.1	23.43	319.1	22.49	301.5	21.31	284.2	20.22	261.2	18.77
	47.0	43.0	385.8	25.38	371.9	24.72	351.2	23.73	335.1	22.81	319.1	21.90	301.5	20.74	284.2	19.68	261.2	18.27
	50.0	46.0	385.8	24.45	371.9	23.81	351.2	22.85	335.1	21.97	319.1	21.09	301.5	19.98	284.2	18.96	261.2	17.60
	55.0	51.0	385.8	22.95	371.9	22.35	351.2	21.45	335.1	20.62	319.1	19.79	301.5	18.75	284.2	17.79	261.2	16.52
	60.0	56.0	385.8	21.34	371.9	20.78	351.2	19.95	335.1	19.18	319.1	18.41	301.5	17.44	284.2	16.55	261.2	15.36
60%	-21.6	-22.0	215.6	25.83	214.7	26.64	213.4	27.86	212.1	30.91	210.9	33.97	209.1	38.20	208.1	40.74	206.7	44.13
	-17.1	-17.5	250.3	28.88	249.3	29.69	247.7	30.91	246.0	33.97	244.3	37.02	242.0	40.02	239.9	39.92	237.2	39.79
	-12.6	-13.0	285.7	31.93	283.8	32.75	281.0	33.97	277.4	37.02	273.7	40.07	257.7	39.90	243.5	39.80	224.7	39.68
	-7.0	-7.6	330.4	35.59	319.1	36.41	302.1	37.63	287.9	38.75	273.7	39.88	257.7	39.75	243.5	39.66	224.7	39.55
	-4.0	-4.4	330.4	37.79	319.1	38.60	302.1	39.82	287.9	39.79	273.7	39.76	257.7	39.15	243.5	37.98	224.7	36.41
	0.0	-0.4	330.4	40.06	319.1	40.01	302.1	39.94	287.9	39.41	273.7	38.88	257.7	37.50	243.5	36.22	224.7	34.52
	5.0	4.5	330.4	39.92	319.1	39.86	302.1	39.77	287.9	38.24	273.7	36.70	257.7	35.33	243.5	34.07	224.7	32.40
	10.0	9.0	330.4	40.60	319.1	39.71	302.1	38.37	287.9	36.45	273.7	34.52	257.7	33.16	243.5	31.92	224.7	30.28
	15.0	14.0	330.4	38.71	319.1	37.60	302.1	35.94	287.9	34.16	273.7	32.39	257.7	31.03	243.5	29.82	224.7	28.20
	20.0	19.0	330.4	36.12	319.1	35.03	302.1	33.41	287.9	31.79	273.7	30.16	257.7	28.82	243.5	27.62	224.7	26.03
	25.0	23.0	330.4	33.57	319.1	32.52	302.1	30.93	287.9	29.46	273.7	27.98	257.7	26.65	243.5	25.47	224.7	23.91
	30.0	28.0	330.4	31.03	319.1	30.00	302.1	28.45	287.9	27.13	273.7	25.80	257.7	24.48	243.5	23.32	224.7	21.79
	35.0	32.0	330.4	28.49	319.1	27.48	302.1	25.97	287.9	24.80	273.7	23.62	257.7	22.30	243.5	21.17	224.7	19.67
	40.0	36.0	330.4	25.94	319.1	24.96	302.1	23.49	287.9	22.47	273.7	21.44	257.7	20.13	243.5	19.02	224.7	17.55
	45.0	41.0	330.4	23.48	319.1	22.53	302.1	21.10	287.9	20.22	273.7	19.33	257.7	18.04	243.5	16.96	224.7	15.51
	47.0	43.0	330.4	22.86	319.1	21.93	302.1	20.54	287.9	19.68	273.7	18.82	257.7	17.56	243.5	16.51	224.7	15.10
	50.0	46.0	330.4	22.01	319.1	21.12	302.1	19.78	287.9	18.95	273.7	18.13	257.7	16.91	243.5	15.90	224.7	14.54
	55.0	51.0	330.4	20.66	319.1	19.82	302.1	18.57	287.9	17.79	273.7	17.01	257.7	15.88	243.5	14.92	224.7	13.65
	60.0	56.0	330.4	19.21	319.1	18.43	302.1	17.27	287.9	16.54	273.7	15.82	257.7	14.76	243.5	13.88	224.7	12.69
50%	-21.6	-22.0	199.6	22.17	198.8	22.98	197.6	24.20	196.4	27.25	195.2	30.30	192.6	34.54	189.3	37.08	185.0	40.47
	-17.1	-17.5	231.7	25.22	230.8	26.03	229.3	27.25	224.8	30.30	220.3	33.35	211.9	36.33	203.5	36.19	192.4	36.00
	-12.6	-13.0	276.3	28.27	266.2	29.08	251.1	30.30	239.8	33.35	228.4	36.40	215.0	36.17	202.4	36.01	185.6	35.80
	-7.0	-7.6	276.3	31.93	266.2	32.74	251.1	33.96	239.8	35.08	228.4	36.19	215.0	35.25	202.4	33.53	185.6	31.23
	-4.0	-4.4	276.3	34.12	266.2	34.94	251.1	36.16	239.8	36.11	228.4	36.07	215.0	33.97	202.4	32.30	185.6	30.08
	0.0	-0.4	276.3	36.44	266.2	36.33	251.1	36.18	239.8	35.35	228.4	34.52	215.0	32.39	202.4	30.79	185.6	28.66
	5.0	4.5	276.3	37.11	266.2	36.14	251.1	34.70	239.8	33.55	228.4	32.40	215.0	30.42	202.4	28.90	185.6	26.88
	10.0	9.0	276.3	36.33	266.2	34.79	251.1	32.48	239.8	31.38	228.4	30.29	215.0	28.44	202.4	27.01	185.6	25.10
	15.0	14.0	276.3	33.88	266.2	32.45	251.1	30.30	239.8	29.26	228.4	28.21	215.0	26.50	202.4	25.16	185.6	23.36
	20.0	19.0	276.3	31.33	266.2	30.01	251.1	28.03	239.8	27.04	228.4	26.06	215.0	24.49	202.4	23.23	185.6	21.54
	25.0	23.0	276.3	28.83	266.2	27.62	251.1	25.81	239.8	24.88	228.4	23.94	215.0	22.51	202.4	21.34	185.6	19.76
	30.0	28.0	276.3	26.34	266.2	25.24	251.1	23.59	239.8	22.71	228.4	21.83	215.0	20.54	202.4	19.44	185.6	17.99
	35.0	32.0	276.3	23.84	266.2	22.85	251.1	21.37	239.8	20.54	228.4	19.71	215.0	18.56	202.4	17.55	185.6	16.21
	40.0	36.0	276.3	21.34	266.2	20.46	251.1	19.15	239.8	18.37	228.4	17.60	215.0	16.59	202.4	15.66	185.6	14.43
	45.0	41.0	276.3	18.94	266.2	18.17	251.1	17.01	239.8	16.29	228.4	15.57	215.0	14.69	202.4	13.85	185.6	12.72
	47.0	43.0	276.3	18.44	266.2	17.69	251.1	16.56	239.8	15.86	228.4	15.16	215.0	14.30	202.4	13.48	185.6	12.39
	50.0	46.0	276.3	17.76	266.2	17.04	251.1	15.95	239.8	15.27	228.4	14.60	215.0	13.78	202.4	12.98	185.6	11.93
	55.0	51.0	276.3	16.67	266.2	15.99	251.1	14.97	239.8	14.34	228.4	13.70	215.0	12.93	202.4	12.19	185.6	11.20
	60.0	56.0	276.3	15.50	266.2	14.87	251.1	13.92	239.8	13.33	228.4	12.74	215.0	12.02	202.4	11.33	185.6	10.41

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).

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%	-21.6	-22.0	254.4	16.87	253.3	19.20	251.7	22.68	250.2	25.98	248.7	29.28	246.7	33.50	245.4	35.90	243.8	39.10
	-17.1	-17.5	295.3	20.33	294.1	22.61	292.2	26.02	290.2	29.20	288.2	32.39	285.8	36.26	284.4	38.39	282.4	41.24
	-12.6	-13.0	348.6	23.79	344.8	26.02	339.1	29.35	335.4	32.42	331.6	35.49	328.9	39.01	327.2	40.89	325.0	43.38
	-7.0	-7.6	397.3	27.95	393.0	30.11	386.5	33.35	382.2	36.29	377.9	39.22	374.8	42.32	372.9	43.88	370.4	45.95
	-4.0	-4.4	426.5	30.44	421.8	32.56	414.9	35.75	410.3	38.61	405.7	41.46	402.4	44.30	400.3	45.67	397.6	47.49
	0.0	-0.4	462.5	33.52	457.5	35.60	449.9	38.72	444.9	41.47	440.0	44.22	436.4	46.75	434.2	47.88	431.2	49.39
	5.0	4.5	507.6	37.36	502.1	39.39	493.8	42.42	488.3	45.05	482.8	47.68	478.9	49.81	476.5	50.65	473.2	51.77
	10.0	9.0	552.6	41.21	546.6	43.18	537.6	46.12	531.6	48.63	525.7	51.13	521.4	52.88	518.8	53.42	515.2	54.14
	15.0	14.0	596.8	44.98	590.3	46.89	580.5	49.76	574.1	52.13	567.7	54.51	563.1	55.71	560.2	55.61	556.4	55.47
	20.0	19.0	639.0	48.90	633.5	50.75	625.2	53.53	617.8	54.51	610.3	55.48	591.2	54.38	557.9	53.23	513.6	51.70
	25.0	23.0	648.1	53.81	648.9	54.54	650.1	55.64	640.5	54.89	630.9	54.14	592.5	51.81	557.4	50.68	510.7	49.18
	30.0	28.0	648.9	55.75	648.9	55.59	648.9	55.34	639.9	53.39	630.9	51.44	592.5	49.24	557.4	48.13	510.7	46.65
	35.0	32.0	648.9	56.86	648.9	55.34	648.9	53.07	639.9	50.90	630.9	48.73	592.5	46.68	557.4	45.58	510.7	44.13
	40.0	36.0	648.9	54.54	648.9	52.51	648.9	49.48	639.9	47.75	630.9	46.02	592.5	44.11	557.4	43.03	510.7	41.60
	45.0	41.0	648.9	48.48	648.9	47.46	648.9	45.93	639.9	44.62	630.9	43.30	592.5	41.52	557.4	40.47	510.7	39.07
	47.0	43.0	648.9	47.20	648.9	46.20	648.9	44.71	639.9	43.43	630.9	42.15	592.5	40.42	557.4	39.40	510.7	38.04
	50.0	46.0	648.9	45.46	648.9	44.50	648.9	43.06	639.9	41.83	630.9	40.60	592.5	38.93	557.4	37.95	510.7	36.63
	55.0	51.0	648.9	42.67	648.9	41.77	648.9	40.42	639.9	39.26	630.9	38.10	592.5	36.54	557.4	35.62	510.7	34.38
	60.0	56.0	648.9	39.68	648.9	38.84	648.9	37.59	639.9	36.51	630.9	35.43	592.5	33.98	557.4	33.12	510.7	31.97
120%	-21.6	-22.0	252.6	20.78	251.5	22.52	249.9	25.13	248.4	27.41	246.9	29.70	244.9	31.15	243.7	31.48	242.0	31.91
	-17.1	-17.5	293.2	24.04	292.0	25.78	290.1	28.39	288.1	30.68	286.1	32.96	283.8	34.41	282.4	34.74	280.4	35.18
	-12.6	-13.0	339.7	27.31	337.5	29.05	334.3	31.65	331.8	33.94	329.3	36.22	326.6	37.68	324.9	38.00	322.7	38.44
	-7.0	-7.6	392.1	31.22	388.4	32.96	382.9	35.57	379.0	37.85	375.2	40.13	372.2	41.59	370.3	41.92	367.7	42.35
	-4.0	-4.4	421.0	33.57	417.0	35.31	411.0	37.91	406.9	40.20	402.8	42.48	399.5	43.94	397.5	44.26	394.8	44.70
	0.0	-0.4	456.5	36.47	452.2	38.20	445.7	40.81	441.3	43.10	436.8	45.38	433.3	46.84	431.1	47.16	428.1	47.60
	5.0	4.5	501.0	40.09	496.3	41.83	489.2	44.44	484.3	46.72	479.4	49.00	475.5	50.46	473.1	50.78	469.8	51.22
	10.0	9.0	545.5	43.71	540.3	45.45	532.6	48.06	527.3	50.34	521.9	52.63	517.7	54.08	515.1	54.41	511.6	54.84
	15.0	14.0	589.1	47.26	583.5	49.00	575.1	51.61	569.4	53.89	563.6	56.18	549.5	57.37	526.1	57.12	494.8	56.79
	20.0	19.0	632.3	50.96	626.6	52.70	618.0	55.31	604.7	55.48	591.4	55.66	557.2	54.63	523.2	54.32	477.9	53.90
	25.0	23.0	648.2	56.39	643.7	56.32	636.9	56.21	614.2	54.56	591.4	52.90	557.2	51.94	523.2	51.57	477.9	51.07
	30.0	28.0	648.2	56.51	643.7	55.12	636.9	53.04	614.2	51.59	591.4	50.15	557.2	49.25	523.2	48.82	477.9	48.24
	35.0	32.0	648.2	52.85	643.7	51.66	636.9	49.87	614.2	48.63	591.4	47.39	557.2	46.57	523.2	46.07	477.9	45.40
	40.0	36.0	648.2	49.18	643.7	48.19	636.9	46.70	614.2	45.67	591.4	44.63	557.2	43.88	523.2	43.32	477.9	42.57
	45.0	41.0	648.2	45.57	643.7	44.76	636.9	43.55	614.2	42.71	591.4	41.88	557.2	41.19	523.2	40.58	477.9	39.75
	47.0	43.0	648.2	44.36	643.7	43.58	636.9	42.39	614.2	41.58	591.4	40.77	557.2	40.10	523.2	39.50	477.9	38.70
	50.0	46.0	648.2	42.73	643.7	41.97	636.9	40.83	614.2	40.05	591.4	39.26	557.2	38.62	523.2	38.04	477.9	37.27
	55.0	51.0	648.2	40.10	643.7	39.39	636.9	38.32	614.2	37.59	591.4	36.85	557.2	36.25	523.2	35.71	477.9	34.98
	60.0	56.0	648.2	37.29	643.7	36.63	636.9	35.64	614.2	34.95	591.4	34.27	557.2	33.71	523.2	33.20	477.9	32.53
110%	-21.6	-22.0	251.2	26.44	250.1	27.74	248.6	29.70	247.1	31.85	245.6	34.00	243.6	38.00	242.4	41.26	240.7	45.61
	-17.1	-17.5	291.6	29.70	290.4	31.00	288.6	32.96	286.6	35.11	284.6	37.26	282.3	41.26	280.8	44.52	278.9	48.87
	-12.6	-13.0	333.0	32.96	332.1	34.26	330.7	36.22	329.1	38.37	327.5	40.52	324.8	44.52	323.2	47.78	321.0	52.13
	-7.0	-7.6	382.2	36.87	380.4	38.18	377.7	40.13	375.4	42.28	373.2	44.44	370.2	48.44	368.3	51.70	365.8	56.05
	-4.0	-4.4	412.0	39.22	409.4	40.52	405.6	42.48	403.1	44.63	400.6	46.78	397.4	50.78	395.3	54.05	392.6	58.39
	0.0	-0.4	448.5	42.12	445.2	43.42	440.2	45.38	437.4	47.53	434.5	49.68	430.9	53.68	428.7	56.94	425.8	61.29
	5.0	4.5	494.3	45.74	490.0	47.05	483.6	49.00	480.2	51.15	476.8	53.31	470.4	56.14	462.5	56.90	452.0	57.92
	10.0	9.0	540.0	49.36	534.7	50.67	526.9	52.63	523.0	54.78	519.1	56.93	497.3	56.20	472.5	55.14	439.6	53.73
	15.0	14.0	584.8	52.92	578.6	54.22	569.3	56.18	550.2	56.04	531.0	55.91	499.9	54.42	471.6	52.69	433.9	50.39
	20.0	19.0	641.5	57.95	618.9	57.29	584.9	56.30	558.0	54.86	531.0	53.43	499.9	51.78	471.6	50.17	433.9	48.03
	25.0	23.0	641.5	56.94	618.9	55.73	584.9	53.91	558.0	52.30	531.0	50.70	499.9	49.19	471.6	47.70	433.9	45.72
	30.0	28.0	641.5	54.02	618.9	52.65	584.9	50.61	558.0	49.29	531.0	47.97	499.9	46.59	471.6	45.23	433.9	43.40
	35.0	32.0	641.5	49.90	618.9	48.86	584.9	47.30	558.0	46.28	531.0	45.25	499.9	44.00	471.6	42.75	433.9	41.09
	40.0	36.0	641.5	45.79	618.9	45.07	584.9	44.00	558.0	43.26	531.0	42.52	499.9	41.41	471.6	40.28	433.9	38.78
	45.0	41.0	641.5	41.78	618.9	41.37	584.9	40.75	558.0	40.27	531.0	39.80	499.9	38.82	471.6	37.81	433.9	36.46
	47.0	43.0	641.5	40.68	618.9	40.27	584.9	39.67	558.0	39.21	531.0	38.75	499.9	37.79	471.6	36.80	433.9	35.49
	50.0	46.0	641.5	39.18	618.9	38.79	584.9	38.20	558.0	37.76	531.0	37.32	499.9	36.39	471.6	35.45	433.9	34.18
	55.0	51.0	641.5	36.77	618.9	36.41	584.9	35.86	558.0	35.44	531.0	35.02	499.9	34.16	471.6	33.27	433.9	32.08
	60.0	56.0	641.5	34.19	618.9	33.86	584.9	33.35	558.0	32.96	531.0	32.57	499.9	31.77	471.6	30.94	433.9	29.84

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 70°F dry bulb (DB) and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

HEATING CAPACITY DATA



ARUM432CTE5

432,000 Btu/h 575V Outdoor Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
	°F DB	°F WB	59		61		64		67		70		73		76		80	
			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%	-21.6	-22.0	250.2	21.51	249.1	24.60	247.6	29.24	246.1	32.39	244.6	35.54	242.6	39.95	241.4	42.66	239.7	46.28
	-17.1	-17.5	290.4	25.88	289.2	28.44	287.4	32.28	285.4	35.48	283.4	38.68	281.1	43.16	279.7	45.78	277.8	49.27
	-12.6	-13.0	330.6	30.04	329.3	32.28	327.2	35.63	326.7	38.72	326.1	41.82	323.5	46.37	321.8	48.89	319.6	52.25
	-7.0	-7.6	378.9	35.03	377.4	36.88	375.0	39.66	373.3	42.62	371.7	45.58	368.6	50.23	366.8	52.63	364.3	55.83
	-4.0	-4.4	407.9	38.02	406.2	39.64	403.7	42.07	401.3	44.96	399.0	47.84	395.7	52.54	393.7	54.87	391.0	57.98
	0.0	-0.4	442.5	41.72	440.7	43.05	437.9	45.05	435.3	47.84	432.7	50.64	428.1	54.86	423.6	55.94	417.5	57.38
	5.0	4.5	485.6	46.34	483.6	47.32	480.6	48.78	475.3	51.45	470.0	54.12	451.2	55.49	432.9	55.32	408.5	55.08
	10.0	9.0	523.0	50.96	516.8	51.58	507.4	52.51	496.7	54.03	486.0	55.56	457.4	54.66	430.7	53.34	395.0	51.59
	15.0	14.0	564.6	55.84	552.4	55.76	534.2	55.63	510.1	55.26	486.0	54.90	457.4	52.02	430.7	50.45	395.0	48.34
	20.0	19.0	587.8	56.08	566.3	55.49	534.2	54.62	510.1	53.19	486.0	51.76	457.4	49.03	430.7	47.52	395.0	45.52
	25.0	23.0	587.8	56.14	566.3	53.84	534.2	50.40	510.1	49.55	486.0	48.69	457.4	46.08	430.7	44.66	395.0	42.76
	30.0	28.0	587.8	52.30	566.3	50.38	534.2	47.49	510.1	46.56	486.0	45.62	457.4	43.14	430.7	41.80	395.0	40.01
	35.0	32.0	587.8	48.47	566.3	46.91	534.2	44.58	510.1	43.57	486.0	42.55	457.4	40.20	430.7	38.93	395.0	37.25
	40.0	36.0	587.8	44.63	566.3	43.45	534.2	41.67	510.1	40.58	486.0	39.49	457.4	37.26	430.7	36.07	395.0	34.49
	45.0	41.0	587.8	40.89	566.3	40.05	534.2	38.79	510.1	37.63	486.0	36.47	457.4	34.37	430.7	33.26	395.0	31.78
	47.0	43.0	587.8	39.80	566.3	38.99	534.2	37.76	510.1	36.63	486.0	35.50	457.4	33.46	430.7	32.38	395.0	30.94
	50.0	46.0	587.8	38.34	566.3	37.55	534.2	36.37	510.1	35.28	486.0	34.19	457.4	32.23	430.7	31.18	395.0	29.79
	55.0	51.0	587.8	35.98	566.3	35.24	534.2	34.14	510.1	33.11	486.0	32.09	457.4	30.25	430.7	29.27	395.0	27.96
	60.0	56.0	587.8	33.46	566.3	32.78	534.2	31.75	510.1	30.79	486.0	29.84	457.4	28.13	430.7	27.22	395.0	26.01
90%	-21.6	-22.0	249.1	27.73	248.1	29.38	246.5	31.86	245.1	35.19	243.6	38.51	241.6	40.83	240.4	43.01	238.7	45.90
	-17.1	-17.5	289.2	30.99	288.0	32.64	286.2	35.12	284.2	38.45	282.2	41.77	280.0	44.09	278.5	46.27	276.6	49.17
	-12.6	-13.0	329.3	34.25	327.9	35.90	325.9	38.38	325.3	41.71	324.8	45.03	322.2	47.35	320.5	49.53	318.3	52.43
	-7.0	-7.6	377.4	38.16	375.8	39.82	373.5	42.30	371.8	45.62	370.1	48.95	367.1	51.27	365.3	53.44	362.8	56.34
	-4.0	-4.4	406.2	40.51	404.6	42.16	402.0	44.64	399.7	47.97	397.3	51.30	394.1	52.63	392.1	52.70	389.4	52.80
	0.0	-0.4	440.7	43.41	438.9	45.06	436.1	47.54	433.0	50.16	429.9	52.79	413.3	52.61	395.4	52.41	371.5	52.16
	5.0	4.5	487.6	47.03	481.6	48.69	472.6	51.17	458.9	51.88	445.1	52.59	418.9	51.82	393.4	50.43	359.3	48.59
	10.0	9.0	532.7	52.04	514.8	52.31	488.0	52.72	466.5	52.55	445.1	52.39	418.9	49.90	393.4	47.67	359.3	44.69
	15.0	14.0	539.0	52.73	518.6	52.62	488.0	52.46	466.5	51.26	445.1	50.05	418.9	47.34	393.4	45.20	359.3	42.35
	20.0	19.0	539.0	53.06	518.6	51.99	488.0	50.38	466.5	48.80	445.1	47.22	418.9	44.67	393.4	42.63	359.3	39.92
	25.0	23.0	539.0	49.91	518.6	48.90	488.0	47.39	466.5	45.91	445.1	44.43	418.9	42.05	393.4	40.12	359.3	37.54
	30.0	28.0	539.0	46.75	518.6	45.81	488.0	44.40	466.5	43.02	445.1	41.65	418.9	39.44	393.4	37.60	359.3	35.15
	35.0	32.0	539.0	43.60	518.6	42.72	488.0	41.41	466.5	40.14	445.1	38.87	418.9	36.82	393.4	35.09	359.3	32.77
	40.0	36.0	539.0	40.45	518.6	39.64	488.0	38.42	466.5	37.25	445.1	36.08	418.9	34.21	393.4	32.57	359.3	30.39
	45.0	41.0	539.0	37.35	518.6	36.60	488.0	35.47	466.5	34.41	445.1	33.34	418.9	31.64	393.4	30.10	359.3	28.05
	47.0	43.0	539.0	36.36	518.6	35.63	488.0	34.53	466.5	33.50	445.1	32.46	418.9	30.80	393.4	29.30	359.3	27.30
	50.0	46.0	539.0	35.02	518.6	34.32	488.0	33.26	466.5	32.26	445.1	31.26	418.9	29.66	393.4	28.22	359.3	26.30
	55.0	51.0	539.0	32.87	518.6	32.21	488.0	31.22	466.5	30.28	445.1	29.34	418.9	27.84	393.4	26.49	359.3	24.68
	60.0	56.0	539.0	30.57	518.6	29.95	488.0	29.03	466.5	28.16	445.1	27.29	418.9	25.89	393.4	24.63	359.3	22.95
80%	-21.6	-22.0	248.1	27.96	247.1	29.79	245.5	32.52	244.1	34.48	242.6	36.44	240.6	41.62	239.4	44.34	237.8	47.96
	-17.1	-17.5	288.0	31.22	286.8	33.05	285.0	35.79	283.1	37.74	281.1	39.70	278.8	44.88	277.4	47.60	275.5	51.22
	-12.6	-13.0	327.9	34.48	326.6	36.31	324.5	39.05	322.9	41.00	321.3	42.96	319.7	46.82	319.6	46.71	319.6	46.57
	-7.0	-7.6	375.8	38.39	374.3	40.22	371.9	42.96	370.3	44.92	368.6	46.87	363.0	46.66	355.5	46.56	345.6	46.42
	-4.0	-4.4	404.6	40.74	402.9	42.57	400.4	45.31	398.0	46.04	395.6	46.77	372.8	46.56	352.0	46.46	324.3	46.33
	0.0	-0.4	443.1	44.56	437.1	45.47	428.0	46.82	413.3	46.74	398.6	46.65	373.8	46.15	351.6	45.43	321.9	44.47
	5.0	4.5	474.4	46.84	459.7	46.78	437.7	46.69	418.1	46.59	398.6	46.50	373.8	44.43	351.6	43.08	321.9	41.28
	10.0	9.0	482.2	46.68	464.4	46.63	437.7	46.55	418.1	45.84	398.6	45.13	373.8	42.22	351.6	40.90	321.9	39.16
	15.0	14.0	482.2	46.71	464.4	46.48	437.7	46.14	418.1	44.45	398.6	42.75	373.8	40.05	351.6	38.77	321.9	37.08
	20.0	19.0	482.2	45.44	464.4	44.64	437.7	43.44	418.1	41.86	398.6	40.27	373.8	37.79	351.6	36.56	321.9	34.92
	25.0	23.0	482.2	42.70	464.4	41.94	437.7	40.80	418.1	39.32	398.6	37.84	373.8	35.57	351.6	34.38	321.9	32.80
	30.0	28.0	482.2	39.96	464.4	39.24	437.7	38.15	418.1	36.78	398.6	35.40	373.8	33.36	351.6	32.21	321.9	30.68
	35.0	32.0	482.2	37.21	464.4	36.53	437.7	35.51	418.1	34.24	398.6	32.97	373.8	31.14	351.6	30.04	321.9	28.56
	40.0	36.0	482.2	34.47	464.4	33.83	437.7	32.86	418.1	31.70	398.6	30.54	373.8	28.93	351.6	27.86	321.9	26.44
	45.0	41.0	482.2	31.78	464.4	31.17	437.7	30.27	418.1	29.21	398.6	28.15	373.8	26.75	351.6	25.72	321.9	24.36
	47.0	43.0	482.2	30.94	464.4	30.35	437.7	29.47	418.1	28.44	398.6	27.41	373.8	26.04	351.6	25.04	321.9	23.71
	50.0	46.0	482.2	29.79	464.4	29.23	437.7	28.38	418.1	27.39	398.6	26.40	373.8	25.08	351.6	24.12	321.9	22.84
	55.0	51.0	482.2	27.96	464.4	27.43	437.7	26.64	418.1	25.71	398.6	24.77	373.8	23.54	351.6	22.64	321.9	21.43
	60.0	56.0	482.2	26.01	464.4	25.51	437.7	24.77	418.1	23.90	398.6	23.04	373.8	21.89	351.6	21.05	321.9	19.93

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).

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
	°F DB	°F WB	59		61		64		67		70		73		76		80	
			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%	-21.6	-22.0	246.7	29.96	245.6	30.83	244.1	32.14	242.6	35.40	241.2	38.66	239.2	43.19	238.0	45.91	236.4	49.53
	-17.1	-17.5	286.3	33.23	285.1	34.09	283.4	35.40	281.4	38.66	279.4	41.92	277.2	45.14	275.8	45.05	273.9	44.93
	-12.6	-13.0	326.0	36.49	324.7	37.36	322.6	38.66	321.0	41.92	319.4	45.18	313.2	45.02	303.2	44.95	289.9	44.85
	-7.0	-7.6	372.3	40.40	372.1	41.27	371.8	42.57	354.8	43.80	337.8	45.02	319.3	44.88	301.0	44.82	276.5	44.75
	-4.0	-4.4	404.8	42.75	391.6	43.62	371.8	44.92	354.8	44.92	337.8	44.93	319.3	44.79	301.0	44.75	276.5	44.69
	0.0	-0.4	408.5	45.16	393.8	45.08	371.8	44.95	354.8	44.88	337.8	44.81	319.3	43.57	301.0	42.85	276.5	41.88
	5.0	4.5	408.5	44.90	393.8	44.79	371.8	44.63	354.8	43.95	337.8	43.28	319.3	41.25	301.0	40.48	276.5	39.45
	10.0	9.0	408.5	44.64	393.8	44.51	371.8	44.31	354.8	42.59	337.8	40.86	319.3	38.93	301.0	38.11	276.5	37.01
	15.0	14.0	408.5	45.23	393.8	43.96	371.8	42.05	354.8	40.28	337.8	38.50	319.3	36.66	301.0	35.79	276.5	34.63
	20.0	19.0	408.5	42.27	393.8	41.10	371.8	39.33	354.8	37.68	337.8	36.04	319.3	34.30	301.0	33.38	276.5	32.14
	25.0	23.0	408.5	39.38	393.8	38.29	371.8	36.66	354.8	35.14	337.8	33.63	319.3	31.98	301.0	31.01	276.5	29.71
	30.0	28.0	408.5	36.48	393.8	35.48	371.8	33.99	354.8	32.60	337.8	31.21	319.3	29.66	301.0	28.64	276.5	27.28
	35.0	32.0	408.5	33.58	393.8	32.68	371.8	31.32	354.8	30.06	337.8	28.80	319.3	27.35	301.0	26.27	276.5	24.84
	40.0	36.0	408.5	30.69	393.8	29.87	371.8	28.65	354.8	27.52	337.8	26.39	319.3	25.03	301.0	23.90	276.5	22.41
	45.0	41.0	408.5	27.87	393.8	27.15	371.8	26.06	354.8	25.05	337.8	24.04	319.3	22.77	301.0	21.61	276.5	20.06
	47.0	43.0	408.5	27.13	393.8	26.43	371.8	25.36	354.8	24.38	337.8	23.40	319.3	22.17	301.0	21.04	276.5	19.53
	50.0	46.0	408.5	26.13	393.8	25.45	371.8	24.43	354.8	23.48	337.8	22.54	319.3	21.35	301.0	20.26	276.5	18.81
	55.0	51.0	408.5	24.53	393.8	23.89	371.8	22.93	354.8	22.04	337.8	21.16	319.3	20.04	301.0	19.02	276.5	17.65
	60.0	56.0	408.5	22.81	393.8	22.21	371.8	21.32	354.8	20.50	337.8	19.68	319.3	18.64	301.0	17.69	276.5	16.42
60%	-21.6	-22.0	228.3	27.61	227.4	28.48	226.0	29.79	224.6	33.05	223.3	36.31	221.4	40.84	220.3	43.55	218.8	47.18
	-17.1	-17.5	265.1	30.87	264.0	31.74	262.3	33.05	260.5	36.31	258.7	39.57	256.2	42.78	254.1	42.67	251.2	42.53
	-12.6	-13.0	302.5	34.13	300.5	35.00	297.5	36.31	293.7	39.57	289.9	42.83	272.9	42.65	257.9	42.55	237.9	42.42
	-7.0	-7.6	349.8	38.05	337.8	38.92	319.8	40.22	304.8	41.42	289.9	42.63	272.9	42.49	257.9	42.40	237.9	42.28
	-4.0	-4.4	349.8	40.39	337.8	41.26	319.8	42.57	304.8	42.54	289.9	42.50	272.9	41.85	257.9	40.60	237.9	38.92
	0.0	-0.4	349.8	42.82	337.8	42.77	319.8	42.69	304.8	42.13	289.9	41.57	272.9	40.09	257.9	38.72	237.9	36.90
	5.0	4.5	349.8	42.68	337.8	42.61	319.8	42.51	304.8	40.87	289.9	39.23	272.9	37.77	257.9	36.42	237.9	34.63
	10.0	9.0	349.8	43.40	337.8	42.45	319.8	41.01	304.8	38.96	289.9	36.90	272.9	35.45	257.9	34.13	237.9	32.36
	15.0	14.0	349.8	41.38	337.8	40.19	319.8	38.42	304.8	36.52	289.9	34.62	272.9	33.17	257.9	31.87	237.9	30.14
	20.0	19.0	349.8	38.61	337.8	37.45	319.8	35.71	304.8	33.98	289.9	32.24	272.9	30.81	257.9	29.53	237.9	27.83
	25.0	23.0	349.8	35.89	337.8	34.76	319.8	33.06	304.8	31.49	289.9	29.91	272.9	28.48	257.9	27.23	237.9	25.56
	30.0	28.0	349.8	33.17	337.8	32.07	319.8	30.41	304.8	29.00	289.9	27.58	272.9	26.16	257.9	24.93	237.9	23.29
	35.0	32.0	349.8	30.45	337.8	29.38	319.8	27.76	304.8	26.51	289.9	25.25	272.9	23.84	257.9	22.63	237.9	21.02
	40.0	36.0	349.8	27.73	337.8	26.68	319.8	25.11	304.8	24.02	289.9	22.92	272.9	21.52	257.9	20.34	237.9	18.76
	45.0	41.0	349.8	25.10	337.8	24.08	319.8	22.56	304.8	21.61	289.9	20.67	272.9	19.28	257.9	18.13	237.9	16.58
	47.0	43.0	349.8	24.43	337.8	23.44	319.8	21.96	304.8	21.04	289.9	20.12	272.9	18.77	257.9	17.64	237.9	16.14
	50.0	46.0	349.8	23.53	337.8	22.58	319.8	21.15	304.8	20.26	289.9	19.38	272.9	18.08	257.9	16.99	237.9	15.55
	55.0	51.0	349.8	22.08	337.8	21.19	319.8	19.85	304.8	19.02	289.9	18.19	272.9	16.97	257.9	15.95	237.9	14.59
	60.0	56.0	349.8	20.54	337.8	19.71	319.8	18.46	304.8	17.69	289.9	16.91	272.9	15.78	257.9	14.83	237.9	13.57
50%	-21.6	-22.0	211.4	23.69	210.5	24.56	209.2	25.87	207.9	29.13	206.7	32.39	203.9	36.92	200.5	39.64	195.9	43.26
	-17.1	-17.5	245.4	26.95	244.4	27.82	242.8	29.13	238.0	32.39	233.2	35.65	224.4	38.84	215.5	38.69	203.7	38.48
	-12.6	-13.0	292.5	30.22	281.9	31.09	265.9	32.39	253.9	35.65	241.9	38.91	227.7	38.67	214.3	38.50	196.6	38.27
	-7.0	-7.6	292.5	34.13	281.9	35.00	265.9	36.30	253.9	37.50	241.9	38.69	227.7	37.68	214.3	35.84	196.6	33.39
	-4.0	-4.4	292.5	36.48	281.9	37.35	265.9	38.65	253.9	38.60	241.9	38.56	227.7	36.31	214.3	34.53	196.6	32.16
	0.0	-0.4	292.5	38.95	281.9	38.84	265.9	38.67	253.9	37.78	241.9	36.90	227.7	34.63	214.3	32.91	196.6	30.63
	5.0	4.5	292.5	39.67	281.9	38.64	265.9	37.09	253.9	35.86	241.9	34.64	227.7	32.51	214.3	30.89	196.6	28.73
	10.0	9.0	292.5	38.83	281.9	37.18	265.9	34.71	253.9	33.54	241.9	32.37	227.7	30.40	214.3	28.87	196.6	26.83
	15.0	14.0	292.5	36.22	281.9	34.68	265.9	32.39	253.9	31.27	241.9	30.16	227.7	28.33	214.3	26.89	196.6	24.97
	20.0	19.0	292.5	33.49	281.9	32.08	265.9	29.97	253.9	28.91	241.9	27.85	227.7	26.18	214.3	24.83	196.6	23.03
	25.0	23.0	292.5	30.82	281.9	29.53	265.9	27.59	253.9	26.59	241.9	25.59	227.7	24.07	214.3	22.81	196.6	21.13
	30.0	28.0	292.5	28.15	281.9	26.98	265.9	25.22	253.9	24.27	241.9	23.33	227.7	21.96	214.3	20.79	196.6	19.23
	35.0	32.0	292.5	25.48	281.9	24.43	265.9	22.84	253.9	21.96	241.9	21.07	227.7	19.84	214.3	18.76	196.6	17.32
	40.0	36.0	292.5	22.81	281.9	21.87	265.9	20.47	253.9	19.64	241.9	18.81	227.7	17.73	214.3	16.74	196.6	15.42
	45.0	41.0	292.5	20.25	281.9	19.42	265.9	18.19	253.9	17.41	241.9	16.64	227.7	15.71	214.3	14.80	196.6	13.60
	47.0	43.0	292.5	19.71	281.9	18.91	265.9	17.71	253.9	16.95	241.9	16.20	227.7	15.29	214.3	14.41	196.6	13.24
	50.0	46.0	292.5	18.98	281.9	18.21	265.9	17.05	253.9	16.33	241.9	15.60	227.7	14.73	214.3	13.88	196.6	12.75
	55.0	51.0	292.5	17.82	281.9	17.09	265.9	16.01	253.9	15.32	241.9	14.64	227.7	13.82	214.3	13.03	196.6	11.97
	60.0	56.0	292.5	16.57	281.9	15.90	265.9	14.88	253.9	14.25	241.9	13.62	227.7	12.85	214.3	12.12	196.6	11.13

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).

HEATING CAPACITY DATA



ARUM456CTE5

456,000 Btu/h 575V Outdoor Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
	°F DB	°F WB	59		61		64		67		70		73		76		80	
			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%	-21.6	-22.0	268.5	17.18	267.4	19.55	265.7	23.10	264.1	26.46	262.5	29.81	260.4	34.12	259.1	36.56	257.3	39.82
	-17.1	-17.5	311.7	20.70	310.4	23.02	308.4	26.49	306.3	29.74	304.2	32.98	301.7	36.92	300.2	39.10	298.1	42.00
	-12.6	-13.0	368.0	24.23	364.0	26.49	358.0	29.89	354.0	33.02	350.0	36.14	347.2	39.73	345.4	41.63	343.1	44.17
	-7.0	-7.6	419.4	28.46	414.8	30.66	407.9	33.96	403.4	36.95	398.9	39.94	395.7	43.10	393.6	44.68	391.0	46.79
	-4.0	-4.4	450.2	31.00	445.3	33.16	437.9	36.41	433.1	39.31	428.2	42.22	424.7	45.12	422.6	46.50	419.7	48.36
	0.0	-0.4	488.2	34.13	482.9	36.25	474.9	39.42	469.7	42.23	464.4	45.03	460.6	47.61	458.3	48.76	455.2	50.29
	5.0	4.5	535.8	38.05	529.9	40.11	521.2	43.20	515.4	45.87	509.6	48.55	505.5	50.73	502.9	51.58	499.5	52.71
	10.0	9.0	583.3	41.96	577.0	43.97	567.5	46.97	561.2	49.52	554.9	52.07	550.4	53.84	547.6	54.40	543.8	55.14
	15.0	14.0	629.9	45.80	623.1	47.75	612.8	50.67	606.0	53.09	599.2	55.51	594.3	56.73	591.3	56.63	587.3	56.49
	20.0	19.0	674.5	49.80	668.7	51.68	660.0	54.51	652.1	55.50	644.3	56.50	624.0	55.38	588.9	54.21	542.2	52.65
	25.0	23.0	684.1	54.80	685.0	55.54	686.2	56.66	676.1	55.90	665.9	55.14	625.4	52.76	588.4	51.61	539.1	50.08
	30.0	28.0	685.0	56.77	685.0	56.61	685.0	56.36	675.4	54.37	665.9	52.38	625.4	50.15	588.4	49.02	539.1	47.51
	35.0	32.0	685.0	57.90	685.0	56.36	685.0	54.04	675.4	51.83	665.9	49.62	625.4	47.53	588.4	46.42	539.1	44.94
	40.0	36.0	685.0	55.54	685.0	53.48	685.0	50.39	675.4	48.62	665.9	46.86	625.4	44.91	588.4	43.82	539.1	42.36
	45.0	41.0	685.0	49.37	685.0	48.33	685.0	46.77	675.4	45.43	665.9	44.09	625.4	42.28	588.4	41.21	539.1	39.79
	47.0	43.0	685.0	48.06	685.0	47.05	685.0	45.53	675.4	44.23	665.9	42.92	625.4	41.16	588.4	40.12	539.1	38.73
	50.0	46.0	685.0	46.29	685.0	45.31	685.0	43.85	675.4	42.60	665.9	41.34	625.4	39.64	588.4	38.64	539.1	37.30
	55.0	51.0	685.0	43.45	685.0	42.53	685.0	41.16	675.4	39.98	665.9	38.80	625.4	37.21	588.4	36.27	539.1	35.01
	60.0	56.0	685.0	40.40	685.0	39.55	685.0	38.28	675.4	37.18	665.9	36.08	625.4	34.60	588.4	33.73	539.1	32.56
120%	-21.6	-22.0	266.6	21.16	265.5	22.94	263.8	25.59	262.2	27.92	260.7	30.24	258.5	31.72	257.2	32.06	255.5	32.50
	-17.1	-17.5	309.5	24.49	308.2	26.26	306.3	28.91	304.1	31.24	302.0	33.56	299.6	35.05	298.1	35.38	296.0	35.82
	-12.6	-13.0	358.5	27.81	356.3	29.58	352.9	32.23	350.2	34.56	347.5	36.88	344.7	38.37	343.0	38.70	340.6	39.14
	-7.0	-7.6	413.9	31.79	410.0	33.56	404.1	36.22	400.1	38.54	396.1	40.87	392.8	42.35	390.8	42.68	388.2	43.13
	-4.0	-4.4	444.3	34.18	440.1	35.95	433.8	38.61	429.5	40.93	425.2	43.26	421.7	44.74	419.6	45.07	416.7	45.52
	0.0	-0.4	481.9	37.13	477.3	38.90	470.5	41.56	465.8	43.89	461.1	46.21	457.4	47.69	455.0	48.03	451.9	48.47
	5.0	4.5	528.8	40.82	523.8	42.59	516.3	45.25	511.2	47.58	506.0	49.90	501.9	51.38	499.4	51.71	495.9	52.16
	10.0	9.0	575.8	44.51	570.3	46.28	562.2	48.94	556.6	51.26	550.9	53.59	546.5	55.07	543.7	55.40	540.0	55.85
	15.0	14.0	621.8	48.13	615.9	49.90	607.1	52.56	601.0	54.88	595.0	57.21	580.0	58.42	555.3	58.17	522.3	57.83
	20.0	19.0	667.4	51.89	661.4	53.66	652.3	56.32	638.3	56.50	624.3	56.68	588.2	55.63	552.3	55.31	504.5	54.89
	25.0	23.0	684.2	57.43	679.4	57.35	672.3	57.24	648.3	55.56	624.3	53.87	588.2	52.89	552.3	52.51	504.5	52.00
	30.0	28.0	684.2	57.55	679.4	56.13	672.3	54.01	648.3	52.54	624.3	51.07	588.2	50.16	552.3	49.71	504.5	49.12
	35.0	32.0	684.2	53.82	679.4	52.60	672.3	50.78	648.3	49.52	624.3	48.26	588.2	47.42	552.3	46.91	504.5	46.23
	40.0	36.0	684.2	50.08	679.4	49.07	672.3	47.55	648.3	46.50	624.3	45.45	588.2	44.69	552.3	44.11	504.5	43.35
	45.0	41.0	684.2	46.41	679.4	45.58	672.3	44.35	648.3	43.50	624.3	42.64	588.2	41.95	552.3	41.32	504.5	40.48
	47.0	43.0	684.2	45.18	679.4	44.37	672.3	43.17	648.3	42.34	624.3	41.51	588.2	40.83	552.3	40.22	504.5	39.41
	50.0	46.0	684.2	43.51	679.4	42.74	672.3	41.58	648.3	40.78	624.3	39.98	588.2	39.33	552.3	38.74	504.5	37.95
	55.0	51.0	684.2	40.84	679.4	40.11	672.3	39.03	648.3	38.28	624.3	37.53	588.2	36.91	552.3	36.36	504.5	35.62
	60.0	56.0	684.2	37.98	679.4	37.30	672.3	36.29	648.3	35.59	624.3	34.90	588.2	34.33	552.3	33.81	504.5	33.13
110%	-21.6	-22.0	265.1	26.92	264.0	28.25	262.4	30.24	260.8	32.43	259.2	34.62	257.1	38.70	255.8	42.02	254.1	46.45
	-17.1	-17.5	307.8	30.24	306.5	31.57	304.6	33.56	302.5	35.75	300.4	37.95	298.0	42.02	296.4	45.34	294.4	49.77
	-12.6	-13.0	351.5	33.56	350.5	34.89	349.1	36.88	347.4	39.07	345.7	41.27	342.9	45.34	341.1	48.66	338.8	53.09
	-7.0	-7.6	403.5	37.55	401.6	38.87	398.7	40.87	396.3	43.06	393.9	45.25	390.7	49.32	388.7	52.64	386.1	57.07
	-4.0	-4.4	434.9	39.94	432.2	41.27	428.1	43.26	425.5	45.45	422.9	47.64	419.4	51.71	417.3	55.04	414.5	59.46
	0.0	-0.4	473.5	42.89	470.0	44.22	464.7	46.21	461.7	48.40	458.6	50.59	454.9	54.67	452.6	57.99	449.5	62.41
	5.0	4.5	521.7	46.58	517.2	47.91	510.4	49.90	506.9	52.09	503.3	54.28	496.5	57.17	488.2	57.94	477.1	58.98
	10.0	9.0	570.0	50.27	564.4	51.60	556.2	53.59	552.1	55.78	547.9	57.97	524.9	57.22	498.8	56.15	464.0	54.72
	15.0	14.0	617.3	53.88	610.7	55.21	601.0	57.21	580.8	57.07	560.5	56.93	527.6	55.42	497.8	53.66	458.0	51.31
	20.0	19.0	677.1	59.02	653.3	58.34	617.4	57.33	589.0	55.87	560.5	54.41	527.6	52.73	497.8	51.09	458.0	48.91
	25.0	23.0	677.1	57.98	653.3	56.75	617.4	54.89	589.0	53.26	560.5	51.63	527.6	50.09	497.8	48.57	458.0	46.55
	30.0	28.0	677.1	55.00	653.3	53.62	617.4	51.53	589.0	50.19	560.5	48.85	527.6	47.45	497.8	46.05	458.0	44.20
	35.0	32.0	677.1	50.82	653.3	49.76	617.4	48.17	589.0	47.12	560.5	46.08	527.6	44.81	497.8	43.54	458.0	41.84
	40.0	36.0	677.1	46.63	653.3	45.90	617.4	44.81	589.0	44.05	560.5	43.30	527.6	42.17	497.8	41.02	458.0	39.49
	45.0	41.0	677.1	42.55	653.3	42.13	617.4	41.49	589.0	41.01	560.5	40.53	527.6	39.53	497.8	38.50	458.0	37.13
	47.0	43.0	677.1	41.42	653.3	41.01	617.4	40.39	589.0	39.92	560.5	39.45	527.6	38.48	497.8	37.48	458.0	36.14
	50.0	46.0	677.1	39.89	653.3	39.50	617.4	38.90	589.0	38.45	560.5	38.00	527.6	37.06	497.8	36.10	458.0	34.81
	55.0	51.0	677.1	37.44	653.3	37.07	617.4	36.51	589.0	36.09	560.5	35.67	527.6	34.79	497.8	33.88	458.0	32.67
	60.0	56.0	677.1	34.82	653.3	34.48	617.4	33.96	589.0	33.56	560.5	33.17	527.6	32.35	497.8	31.51	458.0	30.38

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 70°F dry bulb (DB) and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

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%	-21.6	-22.0	264.1	21.91	263.0	25.06	261.3	29.77	259.8	32.98	258.2	36.19	256.1	40.68	254.8	43.44	253.1	47.13
	-17.1	-17.5	306.5	26.36	305.3	28.96	303.4	32.87	301.3	36.13	299.2	39.39	296.7	43.95	295.2	46.61	293.2	50.17
	-12.6	-13.0	349.0	30.59	347.6	32.87	345.4	36.28	344.8	39.43	344.2	42.58	341.5	47.22	339.7	49.79	337.4	53.20
	-7.0	-7.6	400.0	35.67	398.3	37.56	395.8	40.38	394.1	43.40	392.3	46.42	389.1	51.15	387.1	53.59	384.5	56.85
	-4.0	-4.4	430.6	38.72	428.8	40.37	426.1	42.84	423.6	45.78	421.1	48.72	417.7	53.50	415.6	55.87	412.8	59.04
	0.0	-0.4	467.1	42.48	465.2	43.84	462.3	45.88	459.5	48.72	456.7	51.56	451.9	55.86	447.1	56.96	440.7	58.43
	5.0	4.5	512.6	47.19	510.5	48.18	507.3	49.67	501.7	52.39	496.1	55.11	476.3	56.51	457.0	56.33	431.2	56.09
	10.0	9.0	552.1	51.89	545.5	52.52	535.6	53.47	524.3	55.02	513.0	56.57	482.9	55.66	454.6	54.32	416.9	52.53
	15.0	14.0	596.0	56.86	583.1	56.78	563.9	56.65	538.4	56.27	513.0	55.90	482.9	52.98	454.6	51.37	416.9	49.22
	20.0	19.0	620.4	57.11	597.8	56.51	563.9	55.62	538.4	54.16	513.0	52.71	482.9	49.92	454.6	48.39	416.9	46.36
	25.0	23.0	620.4	57.16	597.8	54.83	563.9	51.32	538.4	50.45	513.0	49.59	482.9	46.93	454.6	45.48	416.9	43.55
	30.0	28.0	620.4	53.26	597.8	51.30	563.9	48.36	538.4	47.41	513.0	46.46	482.9	43.93	454.6	42.56	416.9	40.74
	35.0	32.0	620.4	49.36	597.8	47.77	563.9	45.40	538.4	44.37	513.0	43.33	482.9	40.94	454.6	39.65	416.9	37.93
	40.0	36.0	620.4	45.45	597.8	44.25	563.9	42.44	538.4	41.32	513.0	40.21	482.9	37.94	454.6	36.73	416.9	35.12
	45.0	41.0	620.4	41.64	597.8	40.78	563.9	39.50	538.4	38.32	513.0	37.14	482.9	35.00	454.6	33.87	416.9	32.36
	47.0	43.0	620.4	40.53	597.8	39.70	563.9	38.45	538.4	37.30	513.0	36.15	482.9	34.07	454.6	32.97	416.9	31.50
	50.0	46.0	620.4	39.04	597.8	38.24	563.9	37.04	538.4	35.93	513.0	34.82	482.9	32.82	454.6	31.76	416.9	30.34
	55.0	51.0	620.4	36.64	597.8	35.89	563.9	34.76	538.4	33.72	513.0	32.68	482.9	30.80	454.6	29.81	416.9	28.48
	60.0	56.0	620.4	34.07	597.8	33.38	563.9	32.33	538.4	31.36	513.0	30.39	482.9	28.64	454.6	27.72	416.9	26.48
90%	-21.6	-22.0	263.0	28.24	261.9	29.92	260.2	32.44	258.7	35.83	257.1	39.22	255.0	41.58	253.7	43.79	252.0	46.74
	-17.1	-17.5	305.3	31.56	304.0	33.24	302.1	35.76	300.0	39.15	297.9	42.54	295.5	44.90	294.0	47.11	292.0	50.07
	-12.6	-13.0	347.6	34.88	346.1	36.56	344.0	39.09	343.4	42.47	342.8	45.86	340.1	48.22	338.3	50.43	336.0	53.39
	-7.0	-7.6	398.3	38.86	396.7	40.55	394.2	43.07	392.5	46.46	390.7	49.84	387.5	52.21	385.6	54.42	382.9	57.37
	-4.0	-4.4	428.8	41.25	427.0	42.94	424.4	45.46	421.9	48.85	419.4	52.23	416.0	53.60	413.9	53.67	411.1	53.76
	0.0	-0.4	465.2	44.21	463.3	45.89	460.4	48.41	457.1	51.08	453.8	53.75	436.3	53.57	417.4	53.37	392.1	53.11
	5.0	4.5	514.7	47.90	508.4	49.58	498.9	52.10	484.4	52.83	469.8	53.55	442.2	52.77	415.2	51.36	379.3	49.48
	10.0	9.0	562.3	52.99	543.4	53.27	515.1	53.68	492.4	53.52	469.8	53.35	442.2	50.81	415.2	48.54	379.3	45.50
	15.0	14.0	568.9	53.70	547.4	53.58	515.1	53.42	492.4	52.19	469.8	50.97	442.2	48.20	415.2	46.03	379.3	43.13
	20.0	19.0	568.9	54.03	547.4	52.94	515.1	51.31	492.4	49.69	469.8	48.08	442.2	45.49	415.2	43.41	379.3	40.65
	25.0	23.0	568.9	50.82	547.4	49.80	515.1	48.26	492.4	46.75	469.8	45.25	442.2	42.82	415.2	40.85	379.3	38.22
	30.0	28.0	568.9	47.61	547.4	46.65	515.1	45.21	492.4	43.81	469.8	42.41	442.2	40.16	415.2	38.29	379.3	35.80
	35.0	32.0	568.9	44.40	547.4	43.51	515.1	42.17	492.4	40.87	469.8	39.58	442.2	37.50	415.2	35.73	379.3	33.37
	40.0	36.0	568.9	41.19	547.4	40.36	515.1	39.12	492.4	37.93	469.8	36.74	442.2	34.84	415.2	33.17	379.3	30.95
	45.0	41.0	568.9	38.04	547.4	37.27	515.1	36.12	492.4	35.04	469.8	33.95	442.2	32.21	415.2	30.65	379.3	28.56
	47.0	43.0	568.9	37.03	547.4	36.28	515.1	35.17	492.4	34.11	469.8	33.05	442.2	31.36	415.2	29.84	379.3	27.80
	50.0	46.0	568.9	35.66	547.4	34.94	515.1	33.87	492.4	32.85	469.8	31.83	442.2	30.20	415.2	28.74	379.3	26.78
	55.0	51.0	568.9	33.47	547.4	32.80	515.1	31.79	492.4	30.83	469.8	29.88	442.2	28.35	415.2	26.97	379.3	25.13
	60.0	56.0	568.9	31.13	547.4	30.50	515.1	29.56	492.4	28.67	469.8	27.79	442.2	26.36	415.2	25.08	379.3	23.37
80%	-21.6	-22.0	261.9	28.47	260.8	30.33	259.2	33.12	257.6	35.11	256.1	37.10	254.0	42.38	252.7	45.15	251.0	48.84
	-17.1	-17.5	304.0	31.79	302.8	33.65	300.9	36.44	298.8	38.43	296.7	40.43	294.3	45.70	292.8	48.47	290.8	52.16
	-12.6	-13.0	346.2	35.11	344.7	36.97	342.6	39.76	340.9	41.75	339.1	43.75	337.4	47.68	337.4	47.57	337.3	47.42
	-7.0	-7.6	396.7	39.10	395.1	40.96	392.6	43.75	390.8	45.74	389.1	47.73	383.2	47.51	375.3	47.41	364.8	47.27
	-4.0	-4.4	427.0	41.49	425.3	43.35	422.6	46.14	420.1	46.88	417.6	47.63	393.5	47.42	371.5	47.32	342.3	47.18
	0.0	-0.4	467.8	45.38	461.3	46.30	451.7	47.68	436.2	47.59	420.8	47.51	394.6	47.00	371.1	46.26	339.8	45.29
	5.0	4.5	500.7	47.70	485.2	47.64	462.0	47.54	441.4	47.45	420.8	47.35	394.6	45.24	371.1	43.87	339.8	42.03
	10.0	9.0	509.0	47.54	490.2	47.48	462.0	47.40	441.4	46.68	420.8	45.96	394.6	42.99	371.1	41.65	339.8	39.87
	15.0	14.0	509.0	47.56	490.2	47.33	462.0	46.99	441.4	45.26	420.8	43.53	394.6	40.78	371.1	39.48	339.8	37.76
	20.0	19.0	509.0	46.27	490.2	45.46	462.0	44.24	441.4	42.62	420.8	41.01	394.6	38.48	371.1	37.23	339.8	35.56
	25.0	23.0	509.0	43.48	490.2	42.71	462.0	41.55	441.4	40.04	420.8	38.53	394.6	36.22	371.1	35.01	339.8	33.40
	30.0	28.0	509.0	40.69	490.2	39.95	462.0	38.85	441.4	37.45	420.8	36.05	394.6	33.97	371.1	32.80	339.8	31.24
	35.0	32.0	509.0	37.90	490.2	37.20	462.0	36.16	441.4	34.87	420.8	33.58	394.6	31.71	371.1	30.59	339.8	29.08
	40.0	36.0	509.0	35.10	490.2	34.45	462.0	33.46	441.4	32.28	420.8	31.10	394.6	29.46	371.1	28.37	339.8	26.92
	45.0	41.0	509.0	32.36	490.2	31.75	462.0	30.82	441.4	29.75	420.8	28.67	394.6	27.24	371.1	26.20	339.8	24.80
	47.0	43.0	509.0	31.50	490.2	30.90	462.0	30.01	441.4	28.96	420.8	27.91	394.6	26.52	371.1	25.50	339.8	24.15
	50.0	46.0	509.0	30.34	490.2	29.76	462.0	28.90	441.4	27.89	420.8	26.88	394.6	25.54	371.1	24.56	339.8	23.26
	55.0	51.0	509.0	28.48	490.2	27.94	462.0	27.12	441.4	26.18	420.8	25.23	394.6	23.97	371.1	23.05	339.8	21.83
	60.0	56.0	509.0	26.48	490.2	25.98	462.0	25.22	441.4	24.34	420.8	23.46	394.6	22.29	371.1	21.44	339.8	20.30

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).

HEATING CAPACITY DATA



ARUM456CTE5

456,000 Btu/h 575V Outdoor Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
	°F DB	°F WB	59		61		64		67		70		73		76		80	
			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%	-21.6	-22.0	260.4	30.51	259.3	31.40	257.7	32.73	256.1	36.05	254.6	39.37	252.5	43.98	251.2	46.75	249.5	50.44
	-17.1	-17.5	302.2	33.83	301.0	34.72	299.1	36.05	297.0	39.37	295.0	42.69	292.6	45.97	291.1	45.88	289.1	45.75
	-12.6	-13.0	344.1	37.15	342.7	38.04	340.6	39.37	338.9	42.69	337.2	46.01	330.6	45.85	320.0	45.77	306.0	45.67
	-7.0	-7.6	392.9	41.14	392.7	42.02	392.5	43.35	374.5	44.60	356.6	45.85	337.0	45.70	317.7	45.65	291.9	45.57
	-4.0	-4.4	427.3	43.53	413.4	44.42	392.5	45.74	374.5	45.75	356.6	45.75	337.0	45.61	317.7	45.57	291.9	45.51
	0.0	-0.4	431.1	45.99	415.7	45.90	392.5	45.77	374.5	45.70	356.6	45.63	337.0	44.37	317.7	43.63	291.9	42.65
	5.0	4.5	431.1	45.72	415.7	45.61	392.5	45.45	374.5	44.76	356.6	44.07	337.0	42.01	317.7	41.22	291.9	40.17
	10.0	9.0	431.1	45.46	415.7	45.32	392.5	45.12	374.5	43.37	356.6	41.61	337.0	39.65	317.7	38.81	291.9	37.69
	15.0	14.0	431.1	46.06	415.7	44.76	392.5	42.82	374.5	41.01	356.6	39.21	337.0	37.33	317.7	36.45	291.9	35.26
	20.0	19.0	431.1	43.05	415.7	41.85	392.5	40.05	374.5	38.37	356.6	36.70	337.0	34.93	317.7	33.99	291.9	32.73
	25.0	23.0	431.1	40.10	415.7	38.99	392.5	37.33	374.5	35.79	356.6	34.24	337.0	32.57	317.7	31.58	291.9	30.25
	30.0	28.0	431.1	37.15	415.7	36.13	392.5	34.61	374.5	33.20	356.6	31.79	337.0	30.21	317.7	29.16	291.9	27.77
	35.0	32.0	431.1	34.20	415.7	33.28	392.5	31.89	374.5	30.61	356.6	29.33	337.0	27.85	317.7	26.75	291.9	25.30
	40.0	36.0	431.1	31.25	415.7	30.42	392.5	29.17	374.5	28.02	356.6	26.87	337.0	25.49	317.7	24.34	291.9	22.82
	45.0	41.0	431.1	28.38	415.7	27.64	392.5	26.53	374.5	25.51	356.6	24.48	337.0	23.19	317.7	22.01	291.9	20.43
	47.0	43.0	431.1	27.63	415.7	26.91	392.5	25.83	374.5	24.83	356.6	23.83	337.0	22.58	317.7	21.42	291.9	19.89
	50.0	46.0	431.1	26.61	415.7	25.92	392.5	24.88	374.5	23.91	356.6	22.95	337.0	21.74	317.7	20.63	291.9	19.15
	55.0	51.0	431.1	24.98	415.7	24.32	392.5	23.35	374.5	22.45	356.6	21.54	337.0	20.41	317.7	19.37	291.9	17.98
	60.0	56.0	431.1	23.23	415.7	22.62	392.5	21.71	374.5	20.87	356.6	20.04	337.0	18.98	317.7	18.01	291.9	16.72
60%	-21.6	-22.0	241.0	28.12	240.0	29.00	238.5	30.33	237.1	33.65	235.7	36.97	233.8	41.58	232.6	44.35	231.0	48.04
	-17.1	-17.5	279.8	31.44	278.6	32.32	276.9	33.65	275.0	36.97	273.1	40.29	270.4	43.56	268.2	43.46	265.2	43.31
	-12.6	-13.0	319.4	34.76	317.2	35.64	314.1	36.97	310.0	40.29	306.0	43.61	288.0	43.43	272.2	43.33	251.1	43.19
	-7.0	-7.6	369.3	38.74	356.6	39.63	337.6	40.96	321.8	42.18	306.0	43.41	288.0	43.27	272.2	43.18	251.1	43.05
	-4.0	-4.4	369.3	41.13	356.6	42.02	337.6	43.35	321.8	43.32	306.0	43.28	288.0	42.62	272.2	41.34	251.1	39.64
	0.0	-0.4	369.3	43.60	356.6	43.55	337.6	43.48	321.8	42.90	306.0	42.33	288.0	40.82	272.2	39.43	251.1	37.58
	5.0	4.5	369.3	43.46	356.6	43.39	337.6	43.29	321.8	41.62	306.0	39.95	288.0	38.46	272.2	37.09	251.1	35.27
	10.0	9.0	369.3	44.20	356.6	43.22	337.6	41.76	321.8	39.67	306.0	37.58	288.0	36.10	272.2	34.75	251.1	32.96
	15.0	14.0	369.3	42.14	356.6	40.93	337.6	39.12	321.8	37.19	306.0	35.25	288.0	33.78	272.2	32.46	251.1	30.69
	20.0	19.0	369.3	39.31	356.6	38.14	337.6	36.37	321.8	34.60	306.0	32.83	288.0	31.37	272.2	30.07	251.1	28.34
	25.0	23.0	369.3	36.55	356.6	35.39	337.6	33.67	321.8	32.06	306.0	30.46	288.0	29.01	272.2	27.73	251.1	26.03
	30.0	28.0	369.3	33.78	356.6	32.65	337.6	30.97	321.8	29.53	306.0	28.09	288.0	26.64	272.2	25.39	251.1	23.72
	35.0	32.0	369.3	31.01	356.6	29.91	337.6	28.27	321.8	26.99	306.0	25.71	288.0	24.28	272.2	23.05	251.1	21.41
	40.0	36.0	369.3	28.24	356.6	27.17	337.6	25.57	321.8	24.46	306.0	23.34	288.0	21.92	272.2	20.71	251.1	19.10
	45.0	41.0	369.3	25.56	356.6	24.52	337.6	22.97	321.8	22.01	306.0	21.05	288.0	19.64	272.2	18.46	251.1	16.88
	47.0	43.0	369.3	24.88	356.6	23.87	337.6	22.36	321.8	21.42	306.0	20.49	288.0	19.12	272.2	17.97	251.1	16.44
	50.0	46.0	369.3	23.96	356.6	22.99	337.6	21.53	321.8	20.63	306.0	19.73	288.0	18.41	272.2	17.31	251.1	15.83
	55.0	51.0	369.3	22.49	356.6	21.58	337.6	20.21	321.8	19.37	306.0	18.52	288.0	17.28	272.2	16.24	251.1	14.86
	60.0	56.0	369.3	20.91	356.6	20.07	337.6	18.80	321.8	18.01	306.0	17.22	288.0	16.07	272.2	15.10	251.1	13.82
50%	-21.6	-22.0	223.1	24.13	222.2	25.01	220.8	26.34	219.5	29.66	218.2	32.98	215.2	37.59	211.6	40.36	206.8	44.05
	-17.1	-17.5	259.0	27.45	257.9	28.33	256.3	29.66	251.2	32.98	246.2	36.30	236.9	39.55	227.5	39.39	215.0	39.19
	-12.6	-13.0	308.8	30.77	297.5	31.65	280.6	32.98	268.0	36.30	255.3	39.62	240.3	39.37	226.2	39.20	207.5	38.97
	-7.0	-7.6	308.8	34.75	297.5	35.64	280.6	36.97	268.0	38.18	255.3	39.40	240.3	38.37	226.2	36.50	207.5	34.00
	-4.0	-4.4	308.8	37.14	297.5	38.03	280.6	39.36	268.0	39.31	255.3	39.26	240.3	36.98	226.2	35.16	207.5	32.74
	0.0	-0.4	308.8	39.66	297.5	39.55	280.6	39.38	268.0	38.48	255.3	37.57	240.3	35.26	226.2	33.52	207.5	31.20
	5.0	4.5	308.8	40.39	297.5	39.34	280.6	37.77	268.0	36.52	255.3	35.27	240.3	33.11	226.2	31.46	207.5	29.26
	10.0	9.0	308.8	39.54	297.5	37.87	280.6	35.35	268.0	34.16	255.3	32.97	240.3	30.96	226.2	29.40	207.5	27.32
	15.0	14.0	308.8	36.88	297.5	35.32	280.6	32.98	268.0	31.85	255.3	30.71	240.3	28.85	226.2	27.38	207.5	25.43
	20.0	19.0	308.8	34.10	297.5	32.67	280.6	30.51	268.0	29.44	255.3	28.36	240.3	26.66	226.2	25.28	207.5	23.45
	25.0	23.0	308.8	31.39	297.5	30.07	280.6	28.10	268.0	27.08	255.3	26.06	240.3	24.51	226.2	23.22	207.5	21.51
	30.0	28.0	308.8	28.67	297.5	27.47	280.6	25.68	268.0	24.72	255.3	23.76	240.3	22.36	226.2	21.17	207.5	19.58
	35.0	32.0	308.8	25.95	297.5	24.87	280.6	23.26	268.0	22.36	255.3	21.46	240.3	20.21	226.2	19.11	207.5	17.64
	40.0	36.0	308.8	23.23	297.5	22.28	280.6	20.84	268.0	20.00	255.3	19.15	240.3	18.06	226.2	17.05	207.5	15.71
	45.0	41.0	308.8	20.62	297.5	19.78	280.6	18.52	268.0	17.73	255.3	16.95	240.3	15.99	226.2	15.08	207.5	13.85
	47.0	43.0	308.8	20.07	297.5	19.26	280.6	18.03	268.0	17.26	255.3	16.50	240.3	15.57	226.2	14.68	207.5	13.48
	50.0	46.0	308.8	19.33	297.5	18.54	280.6	17.36	268.0	16.63	255.3	15.89	240.3	14.99	226.2	14.13	207.5	12.99
	55.0	51.0	308.8	18.14	297.5	17.41	280.6	16.30	268.0	15.61	255.3	14.91	240.3	14.07	226.2	13.27	207.5	12.19
	60.0	56.0	308.8	16.87	297.5	16.19	280.6	15.16	268.0	14.51	255.3	13.87	240.3	13.09	226.2	12.34	207.5	11.34

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).

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%	-21.6	-22.0	282.6	17.82	281.4	20.27	279.7	23.95	278.0	27.44	276.3	30.92	274.1	35.38	272.7	37.92	270.8	41.29
	-17.1	-17.5	328.1	21.47	326.7	23.87	324.7	27.47	322.4	30.84	320.2	34.20	317.6	38.29	316.0	40.55	313.8	43.55
	-12.6	-13.0	387.4	25.13	383.1	27.47	376.8	31.00	372.6	34.24	368.5	37.48	365.5	41.20	363.6	43.18	361.1	45.81
	-7.0	-7.6	441.4	29.51	436.6	31.80	429.4	35.22	424.6	38.32	419.9	41.42	416.5	44.69	414.4	46.33	411.5	48.52
	-4.0	-4.4	473.9	32.15	468.7	34.39	461.0	37.76	455.9	40.77	450.7	43.78	447.1	46.79	444.8	48.23	441.8	50.15
	0.0	-0.4	513.9	35.40	508.3	37.59	499.9	40.89	494.4	43.79	488.8	46.70	484.9	49.37	482.4	50.57	479.1	52.16
	5.0	4.5	564.0	39.46	557.8	41.59	548.6	44.80	542.5	47.57	536.5	50.35	532.1	52.61	529.4	53.49	525.8	54.67
	10.0	9.0	614.0	43.52	607.4	45.60	597.3	48.71	590.7	51.35	584.1	54.00	579.3	55.84	576.4	56.41	572.5	57.18
	15.0	14.0	663.1	47.50	655.9	49.52	645.0	52.54	637.9	55.06	630.7	57.57	625.6	58.83	622.4	58.72	618.2	58.58
	20.0	19.0	710.0	51.64	703.9	53.60	694.7	56.53	686.4	57.56	678.2	58.59	669.9	57.43	619.9	56.22	570.7	54.60
	25.0	23.0	720.1	56.83	721.0	57.60	722.3	58.76	711.6	57.97	701.0	57.18	658.3	54.72	619.4	53.53	567.5	51.94
	30.0	28.0	721.0	58.88	721.0	58.71	721.0	58.45	711.0	56.38	701.0	54.32	658.3	52.00	619.4	50.83	567.5	49.27
	35.0	32.0	721.0	60.05	721.0	58.45	721.0	56.05	711.0	53.75	701.0	51.46	658.3	49.29	619.4	48.14	567.5	46.60
	40.0	36.0	721.0	57.59	721.0	55.46	721.0	52.25	711.0	50.43	701.0	48.60	658.3	46.58	619.4	45.45	567.5	43.93
	45.0	41.0	721.0	51.20	721.0	50.12	721.0	48.51	711.0	47.12	701.0	45.73	658.3	43.85	619.4	42.74	567.5	41.26
	47.0	43.0	721.0	49.84	721.0	48.79	721.0	47.22	711.0	45.87	701.0	44.51	658.3	42.69	619.4	41.61	567.5	40.17
	50.0	46.0	721.0	48.00	721.0	46.99	721.0	45.48	711.0	44.18	701.0	42.87	658.3	41.11	619.4	40.07	567.5	38.69
	55.0	51.0	721.0	45.06	721.0	44.11	721.0	42.69	711.0	41.46	701.0	40.24	658.3	38.59	619.4	37.61	567.5	36.31
	60.0	56.0	721.0	41.90	721.0	41.02	721.0	39.70	711.0	38.56	701.0	37.42	658.3	35.89	619.4	34.98	567.5	33.77
120%	-21.6	-22.0	280.6	21.95	279.4	23.79	277.7	26.54	276.0	28.95	274.4	31.36	272.2	32.90	270.8	33.24	268.9	33.70
	-17.1	-17.5	325.8	25.39	324.4	27.23	322.4	29.98	320.1	32.40	317.9	34.81	315.3	36.34	313.7	36.69	311.6	37.15
	-12.6	-13.0	377.4	28.84	375.0	30.67	371.5	33.43	368.7	35.84	365.8	38.25	362.9	39.79	361.0	40.13	358.6	40.59
	-7.0	-7.6	435.7	32.97	431.6	34.81	425.4	37.56	421.2	39.97	416.9	42.38	413.5	43.92	411.4	44.26	408.6	44.72
	-4.0	-4.4	467.7	35.45	463.3	37.29	456.7	40.04	452.1	42.45	447.5	44.86	443.9	46.40	441.7	46.74	438.6	47.20
	0.0	-0.4	507.3	38.51	502.5	40.35	495.3	43.10	490.3	45.51	485.4	47.92	481.4	49.46	479.0	49.81	475.7	50.26
	5.0	4.5	556.7	42.34	551.4	44.17	543.5	46.93	538.1	49.34	532.6	51.75	528.3	53.29	525.6	53.63	522.1	54.09
	10.0	9.0	606.1	46.16	600.4	48.00	591.8	50.75	585.8	53.16	579.9	55.58	575.2	57.11	572.3	57.46	568.4	57.92
	15.0	14.0	654.5	49.91	648.3	51.75	639.0	54.50	632.7	56.91	626.3	59.33	610.5	60.58	584.5	60.32	549.8	59.98
	20.0	19.0	702.5	53.82	696.2	55.65	686.7	58.41	671.9	58.59	657.2	58.78	619.1	57.69	581.4	57.36	531.0	56.92
	25.0	23.0	720.2	59.56	715.2	59.48	707.7	59.36	682.4	57.62	657.2	55.87	619.1	54.85	581.4	54.46	531.0	53.93
	30.0	28.0	720.2	59.68	715.2	58.21	707.7	56.01	682.4	54.49	657.2	52.96	619.1	52.02	581.4	51.55	531.0	50.94
	35.0	32.0	720.2	55.81	715.2	54.55	707.7	52.67	682.4	51.36	657.2	50.05	619.1	49.18	581.4	48.65	531.0	47.95
	40.0	36.0	720.2	51.94	715.2	50.89	707.7	49.32	682.4	48.23	657.2	47.14	619.1	46.34	581.4	45.75	531.0	44.96
	45.0	41.0	720.2	48.13	715.2	47.27	707.7	45.99	682.4	45.11	657.2	44.22	619.1	43.50	581.4	42.85	531.0	41.98
	47.0	43.0	720.2	46.85	715.2	46.02	707.7	44.77	682.4	43.91	657.2	43.05	619.1	42.35	581.4	41.71	531.0	40.87
	50.0	46.0	720.2	45.12	715.2	44.32	707.7	43.12	682.4	42.29	657.2	41.46	619.1	40.79	581.4	40.17	531.0	39.36
	55.0	51.0	720.2	42.35	715.2	41.60	707.7	40.47	682.4	39.69	657.2	38.92	619.1	38.28	581.4	37.71	531.0	36.94
	60.0	56.0	720.2	39.38	715.2	38.69	707.7	37.64	682.4	36.91	657.2	36.19	619.1	35.60	581.4	35.07	531.0	34.36
110%	-21.6	-22.0	279.1	27.92	277.9	29.30	276.2	31.36	274.5	33.63	272.9	35.91	270.7	40.13	269.3	43.58	267.5	48.17
	-17.1	-17.5	324.0	31.36	322.6	32.74	320.6	34.81	318.4	37.08	316.2	39.35	313.6	43.58	312.0	47.02	309.9	51.61
	-12.6	-13.0	370.0	34.81	369.0	36.18	367.5	38.25	365.7	40.52	363.9	42.80	360.9	47.02	359.1	50.46	356.6	55.06
	-7.0	-7.6	424.7	38.94	422.7	40.32	419.7	42.38	417.2	44.66	414.6	46.93	411.3	51.15	409.2	54.60	406.4	59.19
	-4.0	-4.4	457.7	41.42	454.9	42.80	450.7	44.86	447.9	47.13	445.1	49.41	441.5	53.63	439.3	57.08	436.3	61.67
	0.0	-0.4	498.4	44.48	494.7	45.86	489.2	47.92	485.9	50.20	482.7	52.47	478.8	56.69	476.4	60.14	473.1	64.73
	5.0	4.5	549.2	48.31	544.4	49.68	537.3	51.75	533.5	54.02	529.8	56.29	522.6	59.29	513.9	60.09	502.2	61.16
	10.0	9.0	600.0	52.13	594.2	53.51	585.4	55.58	581.1	57.85	576.8	60.12	552.5	59.35	525.1	58.23	488.5	56.74
	15.0	14.0	649.7	55.88	642.9	57.26	632.6	59.33	611.3	59.18	590.0	59.04	555.4	57.47	524.0	55.65	482.1	53.21
	20.0	19.0	712.8	61.20	687.6	60.50	649.9	59.46	620.0	57.94	590.0	56.42	555.4	54.68	524.0	52.98	482.1	50.72
	25.0	23.0	712.8	60.13	687.6	58.85	649.9	56.93	620.0	55.24	590.0	53.54	555.4	51.94	524.0	50.37	482.1	48.28
	30.0	28.0	712.8	57.04	687.6	55.60	649.9	53.44	620.0	52.05	590.0	50.66	555.4	49.21	524.0	47.76	482.1	45.84
	35.0	32.0	712.8	52.70	687.6	51.60	649.9	49.96	620.0	48.87	590.0	47.78	555.4	46.47	524.0	45.15	482.1	43.40
	40.0	36.0	712.8	48.36	687.6	47.60	649.9	46.47	620.0	45.69	590.0	44.90	555.4	43.73	524.0	42.54	482.1	40.95
	45.0	41.0	712.8	44.13	687.6	43.69	649.9	43.03	620.0	42.53	590.0	42.03	555.4	40.99	524.0	39.93	482.1	38.50
	47.0	43.0	712.8	42.96	687.6	42.53	649.9	41.89	620.0	41.40	590.0	40.92	555.4	39.91	524.0	38.87	482.1	37.48
	50.0	46.0	712.8	41.37	687.6	40.96	649.9	40.35	620.0	39.88	590.0	39.41	555.4	38.44	524.0	37.43	482.1	36.10
	55.0	51.0	712.8	38.83	687.6	38.45	649.9	37.87	620.0	37.43	590.0	36.99	555.4	36.08	524.0	35.13	482.1	33.88
	60.0	56.0	712.8	36.11	687.6	35.75	649.9	35.22	620.0	34.81	590.0	34.40	555.4	33.55	524.0	32.67	482.1	31.51

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 70°F dry bulb (DB) and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

HEATING CAPACITY DATA



ARUM480CTE5

480,000 Btu/h 575V Outdoor 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%	-21.6	-22.0	277.9	22.72	276.8	25.98	275.1	30.88	273.4	34.20	271.8	37.53	269.6	42.18	268.2	45.05	266.4	48.88
	-17.1	-17.5	322.7	27.33	321.3	30.04	319.3	34.09	317.1	37.47	314.9	40.85	312.4	45.58	310.8	48.34	308.6	52.03
	-12.6	-13.0	367.4	31.73	365.9	34.09	363.6	37.63	363.0	40.90	362.4	44.16	359.4	48.97	357.6	51.63	355.2	55.18
	-7.0	-7.6	421.0	36.99	419.3	38.95	416.7	41.88	414.8	45.01	412.9	48.14	409.6	53.04	407.5	55.58	404.7	58.96
	-4.0	-4.4	453.2	40.16	451.4	41.87	448.5	44.43	445.9	47.48	443.3	50.53	439.7	55.49	437.5	57.95	434.5	61.22
	0.0	-0.4	491.7	44.06	489.6	45.47	486.6	47.58	483.7	50.53	480.8	53.47	475.6	57.93	470.6	59.07	463.9	60.60
	5.0	4.5	539.6	48.94	537.3	49.97	534.0	51.51	528.1	54.34	522.2	57.16	501.4	58.60	481.0	58.42	453.9	58.17
	10.0	9.0	581.1	53.82	574.2	54.47	563.8	55.45	551.9	57.06	540.0	58.67	508.3	57.72	478.5	56.33	438.8	54.48
	15.0	14.0	627.3	58.97	613.8	58.88	593.6	58.75	566.8	58.36	540.0	57.97	508.3	54.94	478.5	53.27	438.8	51.05
	20.0	19.0	653.1	59.22	629.3	58.61	593.6	57.68	566.8	56.17	540.0	54.67	508.3	51.77	478.5	50.19	438.8	48.08
	25.0	23.0	653.1	59.28	629.3	56.86	593.6	53.22	566.8	52.32	540.0	51.42	508.3	48.67	478.5	47.17	438.8	45.16
	30.0	28.0	653.1	55.23	629.3	53.20	593.6	50.15	566.8	49.17	540.0	48.18	508.3	45.56	478.5	44.14	438.8	42.25
	35.0	32.0	653.1	51.18	629.3	49.54	593.6	47.08	566.8	46.01	540.0	44.94	508.3	42.46	478.5	41.12	438.8	39.33
	40.0	36.0	653.1	47.14	629.3	45.89	593.6	44.01	566.8	42.85	540.0	41.70	508.3	39.35	478.5	38.09	438.8	36.42
	45.0	41.0	653.1	43.18	629.3	42.30	593.6	40.97	566.8	39.74	540.0	38.51	508.3	36.30	478.5	35.13	438.8	33.56
	47.0	43.0	653.1	42.04	629.3	41.17	593.6	39.88	566.8	38.69	540.0	37.49	508.3	35.34	478.5	34.19	438.8	32.67
	50.0	46.0	653.1	40.49	629.3	39.65	593.6	38.41	566.8	37.26	540.0	36.11	508.3	34.03	478.5	32.93	438.8	31.46
	55.0	51.0	653.1	38.00	629.3	37.22	593.6	36.05	566.8	34.97	540.0	33.89	508.3	31.94	478.5	30.91	438.8	29.53
	60.0	56.0	653.1	35.34	629.3	34.61	593.6	33.53	566.8	32.52	540.0	31.52	508.3	29.71	478.5	28.74	438.8	27.46
90%	-21.6	-22.0	276.8	29.28	275.7	31.03	273.9	33.65	272.3	37.16	270.7	40.67	268.5	43.12	267.1	45.42	265.3	48.48
	-17.1	-17.5	321.3	32.73	320.0	34.47	318.0	37.09	315.8	40.60	313.6	44.12	311.1	46.56	309.5	48.86	307.4	51.92
	-12.6	-13.0	365.9	36.17	364.4	37.92	362.1	40.53	361.5	44.05	360.9	47.56	358.0	50.01	356.1	52.30	353.7	55.36
	-7.0	-7.6	419.3	40.30	417.6	42.05	415.0	44.67	413.1	48.18	411.3	51.69	407.9	54.14	405.8	56.44	403.1	59.50
	-4.0	-4.4	451.4	42.78	449.5	44.53	446.7	47.15	444.1	50.66	441.5	54.17	437.9	55.58	435.7	55.66	432.7	55.76
	0.0	-0.4	489.7	45.84	487.6	47.59	484.6	50.21	481.1	52.98	477.6	55.75	459.3	55.55	439.3	55.35	412.7	55.08
	5.0	4.5	541.8	49.67	535.1	51.42	525.2	54.03	509.8	54.78	494.5	55.54	465.4	54.72	437.1	53.26	399.3	51.31
	10.0	9.0	591.9	54.96	572.0	55.24	542.2	55.67	518.4	55.50	494.5	55.33	465.4	52.70	437.1	50.34	399.3	47.19
	15.0	14.0	598.9	55.69	576.2	55.57	542.2	55.40	518.4	54.13	494.5	52.86	465.4	49.99	437.1	47.73	399.3	44.72
	20.0	19.0	598.9	56.03	576.2	54.90	542.2	53.21	518.4	51.54	494.5	49.86	465.4	47.17	437.1	45.02	399.3	42.16
	25.0	23.0	598.9	52.70	576.2	51.64	542.2	50.05	518.4	48.49	494.5	46.92	465.4	44.41	437.1	42.37	399.3	39.64
	30.0	28.0	598.9	49.38	576.2	48.38	542.2	46.89	518.4	45.44	494.5	43.98	465.4	41.65	437.1	39.71	399.3	37.13
	35.0	32.0	598.9	46.05	576.2	45.12	542.2	43.73	518.4	42.39	494.5	41.04	465.4	38.89	437.1	37.05	399.3	34.61
	40.0	36.0	598.9	42.72	576.2	41.86	542.2	40.57	518.4	39.34	494.5	38.10	465.4	36.13	437.1	34.40	399.3	32.09
	45.0	41.0	598.9	39.45	576.2	38.65	542.2	37.46	518.4	36.34	494.5	35.21	465.4	33.41	437.1	31.79	399.3	29.62
	47.0	43.0	598.9	38.40	576.2	37.63	542.2	36.47	518.4	35.37	494.5	34.28	465.4	32.52	437.1	30.94	399.3	28.83
	50.0	46.0	598.9	36.98	576.2	36.24	542.2	35.12	518.4	34.07	494.5	33.01	465.4	31.32	437.1	29.80	399.3	27.77
	55.0	51.0	598.9	34.71	576.2	34.01	542.2	32.97	518.4	31.98	494.5	30.99	465.4	29.40	437.1	27.97	399.3	26.07
	60.0	56.0	598.9	32.28	576.2	31.63	542.2	30.66	518.4	29.74	494.5	28.82	465.4	27.34	437.1	26.01	399.3	24.24
80%	-21.6	-22.0	275.7	29.53	274.5	31.45	272.8	34.35	271.2	36.41	269.5	38.48	267.4	43.95	266.0	46.82	264.2	50.65
	-17.1	-17.5	320.0	32.97	318.7	34.90	316.7	37.79	314.5	39.86	312.3	41.92	309.8	47.40	308.2	50.27	306.1	54.09
	-12.6	-13.0	364.4	36.41	362.9	38.34	360.6	41.24	358.8	43.30	357.0	45.37	355.2	49.45	355.1	49.33	355.1	49.18
	-7.0	-7.6	417.6	40.55	415.9	42.48	413.3	45.37	411.4	47.43	409.6	49.50	403.3	49.28	395.0	49.17	384.0	49.02
	-4.0	-4.4	449.5	43.03	447.7	44.95	444.9	47.85	442.2	48.62	439.6	49.40	414.2	49.17	391.1	49.07	360.3	48.93
	0.0	-0.4	492.4	47.06	485.6	48.02	475.5	49.45	459.2	49.36	442.9	49.27	415.4	48.74	390.7	47.98	357.7	46.97
	5.0	4.5	527.1	49.47	510.8	49.40	486.3	49.30	464.6	49.20	442.9	49.11	415.4	46.92	390.7	45.49	357.7	43.59
	10.0	9.0	535.7	49.30	516.0	49.24	486.3	49.16	464.6	48.41	442.9	47.66	415.4	44.58	390.7	43.20	357.7	41.35
	15.0	14.0	535.7	49.33	516.0	49.09	486.3	48.73	464.6	46.94	442.9	45.15	415.4	42.29	390.7	40.95	357.7	39.16
	20.0	19.0	535.7	47.99	516.0	47.15	486.3	45.88	464.6	44.20	442.9	42.53	415.4	39.91	390.7	38.61	357.7	36.87
	25.0	23.0	535.7	45.09	516.0	44.29	486.3	43.09	464.6	41.52	442.9	39.96	415.4	37.57	390.7	36.31	357.7	34.64
	30.0	28.0	535.7	42.20	516.0	41.43	486.3	40.29	464.6	38.84	442.9	37.39	415.4	35.23	390.7	34.01	357.7	32.40
	35.0	32.0	535.7	39.30	516.0	38.58	486.3	37.50	464.6	36.16	442.9	34.82	415.4	32.89	390.7	31.72	357.7	30.16
	40.0	36.0	535.7	36.40	516.0	35.72	486.3	34.71	464.6	33.48	442.9	32.25	415.4	30.55	390.7	29.42	357.7	27.92
	45.0	41.0	535.7	33.56	516.0	32.92	486.3	31.97	464.6	30.85	442.9	29.73	415.4	28.25	390.7	27.17	357.7	25.72
	47.0	43.0	535.7	32.67	516.0	32.05	486.3	31.12	464.6	30.03	442.9	28.94	415.4	27.50	390.7	26.45	357.7	25.04
	50.0	46.0	535.7	31.46	516.0	30.87	486.3	29.97	464.6	28.92	442.9	27.88	415.4	26.49	390.7	25.47	357.7	24.12
	55.0	51.0	535.7	29.53	516.0	28.97	486.3	28.13	464.6	27.15	442.9	26.16	415.4	24.86	390.7	23.91	357.7	22.64
	60.0	56.0	535.7	27.46	516.0	26.94	486.3	26.16	464.6	25.24	442.9	24.33	415.4	23.12	390.7	22.23	357.7	21.05

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).

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
	°F DB	°F WB	59		61		64		67		70		73		76		80	
			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%	-21.6	-22.0	274.1	31.64	272.9	32.56	271.2	33.94	269.6	37.38	268.0	40.83	265.8	45.61	264.4	48.48	262.6	52.31
	-17.1	-17.5	318.1	35.09	316.8	36.01	314.8	37.38	312.7	40.83	310.5	44.27	308.0	47.67	306.4	47.58	304.3	47.45
	-12.6	-13.0	362.2	38.53	360.7	39.45	358.5	40.83	356.7	44.27	354.9	47.71	348.0	47.55	336.9	47.47	322.1	47.36
	-7.0	-7.6	413.6	42.66	413.4	43.58	413.1	44.96	394.2	46.25	375.4	47.55	354.8	47.39	334.4	47.34	307.3	47.26
	-4.0	-4.4	449.8	45.14	435.1	46.06	413.1	47.44	394.2	47.44	375.4	47.45	354.8	47.30	334.4	47.26	307.3	47.20
	0.0	-0.4	453.8	47.69	437.6	47.60	413.1	47.47	394.2	47.40	375.4	47.32	354.8	46.01	334.4	45.25	307.3	44.23
	5.0	4.5	453.8	47.42	437.6	47.30	413.1	47.13	394.2	46.42	375.4	45.70	354.8	43.57	334.4	42.75	307.3	41.66
	10.0	9.0	453.8	47.14	437.6	47.00	413.1	46.79	394.2	44.97	375.4	43.16	354.8	41.12	334.4	40.25	307.3	39.09
	15.0	14.0	453.8	47.76	437.6	46.42	413.1	44.41	394.2	42.53	375.4	40.66	354.8	38.72	334.4	37.80	307.3	36.57
	20.0	19.0	453.8	44.64	437.6	43.40	413.1	41.53	394.2	39.80	375.4	38.06	354.8	36.22	334.4	35.25	307.3	33.95
	25.0	23.0	453.8	41.58	437.6	40.44	413.1	38.71	394.2	37.11	375.4	35.51	354.8	33.77	334.4	32.75	307.3	31.37
	30.0	28.0	453.8	38.52	437.6	37.47	413.1	35.89	394.2	34.43	375.4	32.96	354.8	31.33	334.4	30.25	307.3	28.80
	35.0	32.0	453.8	35.47	437.6	34.51	413.1	33.07	394.2	31.75	375.4	30.42	354.8	28.88	334.4	27.75	307.3	26.23
	40.0	36.0	453.8	32.41	437.6	31.55	413.1	30.26	394.2	29.06	375.4	27.87	354.8	26.43	334.4	25.24	307.3	23.66
	45.0	41.0	453.8	29.43	437.6	28.67	413.1	27.52	394.2	26.45	375.4	25.39	354.8	24.05	334.4	22.82	307.3	21.19
	47.0	43.0	453.8	28.65	437.6	27.91	413.1	26.79	394.2	25.75	375.4	24.72	354.8	23.41	334.4	22.22	307.3	20.62
	50.0	46.0	453.8	27.60	437.6	26.88	413.1	25.80	394.2	24.80	375.4	23.81	354.8	22.55	334.4	21.40	307.3	19.86
	55.0	51.0	453.8	25.90	437.6	25.23	413.1	24.21	394.2	23.28	375.4	22.34	354.8	21.16	334.4	20.08	307.3	18.64
	60.0	56.0	453.8	24.09	437.6	23.46	413.1	22.52	394.2	21.65	375.4	20.78	354.8	19.68	334.4	18.68	307.3	17.34
60%	-21.6	-22.0	253.7	29.16	252.6	30.08	251.1	31.46	249.6	34.90	248.1	38.34	246.1	43.13	244.8	46.00	243.1	49.82
	-17.1	-17.5	294.5	32.60	293.3	33.52	291.5	34.90	289.4	38.34	287.4	41.79	284.7	45.18	282.3	45.07	279.1	44.92
	-12.6	-13.0	336.2	36.05	333.9	36.97	330.6	38.34	326.3	41.79	322.1	45.23	303.2	45.04	286.5	44.93	264.3	44.80
	-7.0	-7.6	388.7	40.18	375.4	41.10	355.4	42.48	338.7	43.75	322.1	45.02	303.2	44.87	286.5	44.78	264.3	44.65
	-4.0	-4.4	388.7	42.66	375.4	43.58	355.4	44.95	338.7	44.92	322.1	44.89	303.2	44.20	286.5	42.87	264.3	41.11
	0.0	-0.4	388.7	45.22	375.4	45.17	355.4	45.09	338.7	44.49	322.1	43.90	303.2	42.34	286.5	40.89	264.3	38.97
	5.0	4.5	388.7	45.07	375.4	45.00	355.4	44.89	338.7	43.16	322.1	41.43	303.2	39.88	286.5	38.47	264.3	36.57
	10.0	9.0	388.7	45.84	375.4	44.83	355.4	43.31	338.7	41.14	322.1	38.97	303.2	37.43	286.5	36.04	264.3	34.18
	15.0	14.0	388.7	43.70	375.4	42.45	355.4	40.57	338.7	38.57	322.1	36.56	303.2	35.03	286.5	33.66	264.3	31.83
	20.0	19.0	388.7	40.77	375.4	39.55	355.4	37.72	338.7	35.88	322.1	34.05	303.2	32.53	286.5	31.18	264.3	29.39
	25.0	23.0	388.7	37.90	375.4	36.71	355.4	34.92	338.7	33.25	322.1	31.59	303.2	30.08	286.5	28.76	264.3	26.99
	30.0	28.0	388.7	35.03	375.4	33.86	355.4	32.12	338.7	30.62	322.1	29.13	303.2	27.63	286.5	26.33	264.3	24.60
	35.0	32.0	388.7	32.16	375.4	31.02	355.4	29.32	338.7	27.99	322.1	26.67	303.2	25.18	286.5	23.90	264.3	22.20
	40.0	36.0	388.7	29.29	375.4	28.18	355.4	26.52	338.7	25.36	322.1	24.21	303.2	22.73	286.5	21.48	264.3	19.81
	45.0	41.0	388.7	26.50	375.4	25.43	355.4	23.82	338.7	22.82	322.1	21.83	303.2	20.37	286.5	19.14	264.3	17.51
	47.0	43.0	388.7	25.80	375.4	24.76	355.4	23.19	338.7	22.22	322.1	21.25	303.2	19.83	286.5	18.63	264.3	17.05
	50.0	46.0	388.7	24.85	375.4	23.84	355.4	22.33	338.7	21.40	322.1	20.46	303.2	19.09	286.5	17.95	264.3	16.42
	55.0	51.0	388.7	23.32	375.4	22.38	355.4	20.96	338.7	20.08	322.1	19.21	303.2	17.92	286.5	16.84	264.3	15.41
	60.0	56.0	388.7	21.69	375.4	20.81	355.4	19.49	338.7	18.68	322.1	17.86	303.2	16.67	286.5	15.66	264.3	14.33
50%	-21.6	-22.0	234.9	25.02	233.9	25.94	232.4	27.32	231.0	30.76	229.6	34.21	226.5	38.99	222.7	41.86	217.7	45.68
	-17.1	-17.5	272.6	28.47	271.5	29.38	269.8	30.76	264.5	34.21	259.1	37.65	249.3	41.02	239.5	40.85	226.3	40.64
	-12.6	-13.0	325.0	31.91	313.2	32.83	295.4	34.21	282.1	37.65	268.8	41.09	253.0	40.83	238.1	40.66	218.4	40.42
	-7.0	-7.6	325.0	36.04	313.2	36.96	295.4	38.34	282.1	39.60	268.8	40.86	253.0	39.80	238.1	37.85	218.4	35.26
	-4.0	-4.4	325.0	38.52	313.2	39.44	295.4	40.82	282.1	40.77	268.8	40.72	253.0	38.35	238.1	36.47	218.4	33.96
	0.0	-0.4	325.0	41.13	313.2	41.01	295.4	40.84	282.1	39.90	268.8	38.96	253.0	36.57	238.1	34.76	218.4	32.35
	5.0	4.5	325.0	41.89	313.2	40.80	295.4	39.17	282.1	37.87	268.8	36.58	253.0	34.34	238.1	32.63	218.4	30.34
	10.0	9.0	325.0	41.01	313.2	39.27	295.4	36.66	282.1	35.43	268.8	34.19	253.0	32.11	238.1	30.49	218.4	28.34
	15.0	14.0	325.0	38.25	313.2	36.63	295.4	34.20	282.1	33.03	268.8	31.85	253.0	29.92	238.1	28.40	218.4	26.37
	20.0	19.0	325.0	35.37	313.2	33.88	295.4	31.65	282.1	30.53	268.8	29.41	253.0	27.65	238.1	26.22	218.4	24.32
	25.0	23.0	325.0	32.55	313.2	31.19	295.4	29.14	282.1	28.08	268.8	27.03	253.0	25.42	238.1	24.09	218.4	22.31
	30.0	28.0	325.0	29.73	313.2	28.49	295.4	26.63	282.1	25.64	268.8	24.64	253.0	23.19	238.1	21.95	218.4	20.30
	35.0	32.0	325.0	26.91	313.2	25.80	295.4	24.12	282.1	23.19	268.8	22.25	253.0	20.96	238.1	19.82	218.4	18.30
	40.0	36.0	325.0	24.09	313.2	23.10	295.4	21.62	282.1	20.74	268.8	19.86	253.0	18.73	238.1	17.68	218.4	16.29
	45.0	41.0	325.0	21.38	313.2	20.51	295.4	19.21	282.1	18.39	268.8	17.57	253.0	16.59	238.1	15.63	218.4	14.36
	47.0	43.0	325.0	20.82	313.2	19.97	295.4	18.70	282.1	17.90	268.8	17.11	253.0	16.15	238.1	15.22	218.4	13.98
	50.0	46.0	325.0	20.05	313.2	19.23	295.4	18.01	282.1	17.24	268.8	16.48	253.0	15.55	238.1	14.66	218.4	13.47
	55.0	51.0	325.0	18.82	313.2	18.05	295.4	16.90	282.1	16.18	268.8	15.47	253.0	14.60	238.1	13.76	218.4	12.64
	60.0	56.0	325.0	17.50	313.2	16.79	295.4	15.72	282.1	15.05	268.8	14.38	253.0	13.57	238.1	12.79	218.4	11.76

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).

HEATING CAPACITY DATA



ARUM504CTE5

504,000 Btu/h 575V Outdoor Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
	°F DB	°F WB	59		61		64		67		70		73		76		80	
			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%	-21.6	-22.0	296.7	19.45	295.5	22.13	293.7	26.15	291.9	29.95	290.2	33.76	287.8	38.63	286.3	41.39	284.4	45.08
	-17.1	-17.5	344.5	23.44	343.1	26.06	340.9	30.00	338.6	33.67	336.2	37.34	333.5	41.81	331.8	44.27	329.5	47.55
	-12.6	-13.0	406.7	27.43	402.3	30.00	395.7	33.84	391.3	37.38	386.9	40.92	383.7	44.98	381.8	47.14	379.2	50.02
	-7.0	-7.6	463.5	32.22	458.4	34.71	450.9	38.45	445.9	41.84	440.9	45.22	437.3	48.79	435.1	50.59	432.1	52.98
	-4.0	-4.4	497.6	35.10	492.1	37.55	484.0	41.22	478.6	44.51	473.3	47.80	469.4	51.08	467.1	52.65	463.9	54.75
	0.0	-0.4	539.6	38.64	533.7	41.04	524.9	44.64	519.1	47.81	513.3	50.99	509.1	53.90	506.5	55.21	503.1	56.94
	5.0	4.5	592.2	43.08	585.7	45.41	576.1	48.91	569.7	51.94	563.3	54.97	558.7	57.43	555.9	58.40	552.1	59.68
	10.0	9.0	644.7	47.51	637.7	49.78	627.2	53.18	620.2	56.06	613.3	58.95	608.3	60.96	605.2	61.59	601.1	62.43
	15.0	14.0	696.3	51.86	688.7	54.06	677.3	57.37	669.8	60.11	662.3	62.85	656.9	64.23	653.6	64.11	649.1	63.96
	20.0	19.0	745.5	56.38	739.1	58.52	729.5	61.72	720.8	62.84	712.1	63.97	708.7	62.70	705.9	61.38	702.2	59.61
	25.0	23.0	756.2	62.04	757.1	62.89	758.4	64.15	747.2	63.29	736.0	62.43	729.2	59.74	726.4	58.44	723.6	56.70
	30.0	28.0	757.1	64.28	757.1	64.09	757.1	63.81	746.5	61.56	736.0	59.30	729.2	56.78	726.4	55.50	723.6	53.79
	35.0	32.0	757.1	65.56	757.1	63.81	757.1	61.19	746.5	58.69	736.0	56.18	729.2	53.81	726.4	52.56	723.6	50.88
	40.0	36.0	757.1	62.88	757.1	60.55	757.1	57.05	746.5	55.05	736.0	53.06	729.2	50.85	726.4	49.62	723.6	47.97
	45.0	41.0	757.1	55.90	757.1	54.72	757.1	52.96	746.5	51.44	736.0	49.92	729.2	47.87	726.4	46.66	723.6	45.05
	47.0	43.0	757.1	54.42	757.1	53.27	757.1	51.55	746.5	50.08	736.0	48.60	729.2	46.60	726.4	45.42	723.6	43.85
	50.0	46.0	757.1	52.41	757.1	51.31	757.1	49.65	746.5	48.23	736.0	46.81	729.2	44.88	726.4	43.75	723.6	42.24
	55.0	51.0	757.1	49.19	757.1	48.16	757.1	46.60	746.5	45.27	736.0	43.93	729.2	42.13	726.4	41.06	723.6	39.64
	60.0	56.0	757.1	45.75	757.1	44.78	757.1	43.34	746.5	42.10	736.0	40.85	729.2	39.18	726.4	38.19	723.6	36.87
120%	-21.6	-22.0	294.6	23.96	293.4	25.97	291.6	28.98	289.8	31.61	288.1	34.24	285.8	35.92	284.3	36.30	282.4	36.80
	-17.1	-17.5	342.0	27.72	340.6	29.73	338.5	32.74	336.2	35.37	333.8	38.00	331.1	39.68	329.4	40.05	327.2	40.56
	-12.6	-13.0	396.3	31.48	393.8	33.49	390.1	36.50	387.1	39.13	384.1	41.76	381.0	43.44	379.1	43.81	376.5	44.32
	-7.0	-7.6	457.5	35.99	453.2	38.00	446.7	41.01	442.2	43.64	437.7	46.27	434.2	47.95	432.0	48.33	429.0	48.83
	-4.0	-4.4	491.1	38.70	486.5	40.71	479.5	43.71	474.7	46.35	469.9	48.98	466.1	50.66	463.7	51.03	460.6	51.53
	0.0	-0.4	532.6	42.04	527.6	44.05	520.0	47.06	514.8	49.69	509.6	52.32	505.5	54.00	502.9	54.38	500.0	54.88
	5.0	4.5	584.5	46.22	579.0	48.23	570.7	51.23	565.0	53.87	559.3	56.50	554.7	58.18	551.9	58.55	548.2	59.05
	10.0	9.0	636.4	50.40	630.4	52.40	621.3	55.41	615.1	58.04	608.9	60.68	604.0	62.35	600.9	62.73	596.8	63.23
	15.0	14.0	687.2	54.49	680.7	56.50	671.0	59.51	664.3	62.14	657.6	64.77	641.0	66.14	631.7	65.86	627.3	65.48
	20.0	19.0	737.6	58.75	731.0	60.76	721.0	63.77	705.5	63.97	690.0	64.18	650.1	62.98	610.4	62.62	597.6	62.15
	25.0	23.0	756.2	65.02	751.0	64.94	743.1	64.81	716.5	62.90	690.0	61.00	650.1	59.88	610.4	59.45	587.6	58.88
	30.0	28.0	756.2	65.16	751.0	63.55	743.1	61.15	716.5	59.49	690.0	57.82	650.1	56.79	610.4	56.28	587.6	55.61
	35.0	32.0	756.2	60.93	751.0	59.56	743.1	57.50	716.5	56.07	690.0	54.64	650.1	53.69	610.4	53.12	587.6	52.35
	40.0	36.0	756.2	56.71	751.0	55.56	743.1	53.84	716.5	52.65	690.0	51.46	650.1	50.59	610.4	49.95	587.6	49.08
	45.0	41.0	756.2	52.54	751.0	51.61	743.1	50.21	716.5	49.25	690.0	48.28	650.1	47.49	610.4	46.78	587.6	45.83
	47.0	43.0	756.2	51.15	751.0	50.24	743.1	48.88	716.5	47.94	690.0	47.00	650.1	46.23	610.4	45.54	587.6	44.62
	50.0	46.0	756.2	49.26	751.0	48.39	743.1	47.08	716.5	46.17	690.0	45.27	650.1	44.53	610.4	43.86	587.6	42.97
	55.0	51.0	756.2	46.24	751.0	45.42	743.1	44.19	716.5	43.34	690.0	42.49	650.1	41.79	610.4	41.17	587.6	40.33
	60.0	56.0	756.2	43.00	751.0	42.24	743.1	41.09	716.5	40.30	690.0	39.51	650.1	38.87	610.4	38.28	587.6	37.51
110%	-21.6	-22.0	293.0	30.48	291.8	31.98	290.0	34.24	288.3	36.72	286.5	39.20	284.2	43.81	282.8	47.57	280.8	52.59
	-17.1	-17.5	340.2	34.24	338.8	35.74	336.7	38.00	334.3	40.48	332.0	42.96	329.3	47.57	327.6	51.33	325.4	56.35
	-12.6	-13.0	388.5	38.00	387.4	39.50	385.8	41.76	383.9	44.24	382.1	46.72	379.0	51.33	377.0	55.09	374.5	60.11
	-7.0	-7.6	445.9	42.51	443.8	44.02	440.6	46.27	438.0	48.75	435.4	51.23	431.8	55.85	429.6	59.61	426.7	64.62
	-4.0	-4.4	480.6	45.22	477.7	46.72	473.2	48.98	470.3	51.46	467.4	53.94	463.6	58.55	461.2	62.31	458.1	67.33
	0.0	-0.4	523.3	48.56	519.4	50.06	513.6	52.32	510.2	54.80	506.9	57.28	502.8	61.89	500.2	65.65	496.8	70.67
	5.0	4.5	576.6	52.74	571.6	54.24	564.2	56.50	560.2	58.98	556.3	61.46	548.8	64.73	539.6	65.61	527.3	66.78
	10.0	9.0	630.0	56.92	623.9	58.42	614.7	60.68	610.2	63.16	605.6	65.64	580.1	64.79	551.3	63.57	512.9	61.95
	15.0	14.0	682.2	61.01	675.0	62.51	664.2	64.77	641.9	64.62	619.5	64.46	583.2	62.75	550.2	60.75	506.2	58.10
	20.0	19.0	748.4	66.82	722.0	66.06	682.4	64.91	651.0	63.26	619.5	61.60	583.2	59.70	550.2	57.85	506.2	55.38
	25.0	23.0	748.4	65.65	722.0	64.25	682.4	62.15	651.0	60.30	619.5	58.46	583.2	56.71	550.2	54.99	506.2	52.71
	30.0	28.0	748.4	62.28	722.0	60.70	682.4	58.35	651.0	56.83	619.5	55.31	583.2	53.72	550.2	52.14	506.2	50.04
	35.0	32.0	748.4	57.54	722.0	56.34	682.4	54.54	651.0	53.35	619.5	52.17	583.2	50.73	550.2	49.29	506.2	47.38
	40.0	36.0	748.4	52.79	722.0	51.97	682.4	50.73	651.0	49.88	619.5	49.02	583.2	47.74	550.2	46.44	506.2	44.71
	45.0	41.0	748.4	48.18	722.0	47.70	682.4	46.98	651.0	46.44	619.5	45.89	583.2	44.76	550.2	43.59	506.2	42.03
	47.0	43.0	748.4	46.90	722.0	46.43	682.4	45.73	651.0	45.20	619.5	44.67	583.2	43.57	550.2	42.43	506.2	40.92
	50.0	46.0	748.4	45.17	722.0	44.72	682.4	44.05	651.0	43.54	619.5	43.02	583.2	41.96	550.2	40.87	506.2	39.41
	55.0	51.0	748.4	42.39	722.0	41.97	682.4	41.34	651.0	40.86	619.5	40.38	583.2	39.39	550.2	38.36	506.2	36.99
	60.0	56.0	748.4	39.43	722.0	39.03	682.4	38.45	651.0	38.00	619.5	37.55	583.2	36.63	550.2	35.67	506.2	34.40

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).

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%	-21.6	-22.0	291.8	24.81	290.6	28.37	288.8	33.71	287.1	37.34	285.4	40.97	283.1	46.06	281.6	49.19	279.7	53.36
	-17.1	-17.5	338.8	29.84	337.4	32.79	335.3	37.21	333.0	40.90	330.6	44.59	328.0	49.76	326.3	52.78	324.1	56.80
	-12.6	-13.0	385.7	34.64	384.1	37.21	381.7	41.08	381.1	44.65	380.5	48.21	377.4	53.46	375.5	56.37	372.9	60.24
	-7.0	-7.6	442.1	40.39	440.3	42.52	437.5	45.72	435.5	49.14	433.6	52.56	430.1	57.91	427.9	60.68	425.0	64.37
	-4.0	-4.4	475.9	43.84	473.9	45.71	471.0	48.51	468.2	51.83	465.5	55.16	461.7	60.58	459.3	63.26	456.2	66.84
	0.0	-0.4	516.3	48.10	514.1	49.64	510.9	51.94	507.9	55.16	504.8	58.38	499.4	63.25	494.1	64.50	487.1	66.16
	5.0	4.5	566.6	53.43	564.2	54.55	560.7	56.24	554.5	59.32	548.3	62.40	526.4	63.98	505.1	63.78	476.6	63.51
	10.0	9.0	610.2	58.76	602.9	59.47	592.0	60.54	579.5	62.30	567.0	64.05	533.7	63.02	502.4	61.50	460.8	59.48
	15.0	14.0	658.7	64.38	644.5	64.28	623.2	64.14	595.1	63.71	567.0	63.29	533.7	59.98	502.4	58.16	460.8	55.73
	20.0	19.0	685.7	64.66	660.7	63.98	623.2	62.97	595.1	61.33	567.0	59.68	533.7	56.52	502.4	54.79	460.8	52.49
	25.0	23.0	685.7	64.72	660.7	62.08	623.2	58.11	595.1	57.13	567.0	56.14	533.7	53.13	502.4	51.49	460.8	49.31
	30.0	28.0	685.7	60.30	660.7	58.08	623.2	54.76	595.1	53.68	567.0	52.60	533.7	49.74	502.4	48.19	460.8	46.12
	35.0	32.0	685.7	55.88	660.7	54.09	623.2	51.40	595.1	50.23	567.0	49.06	533.7	46.35	502.4	44.89	460.8	42.94
	40.0	36.0	685.7	51.46	660.7	50.10	623.2	48.05	595.1	46.79	567.0	45.52	533.7	42.96	502.4	41.59	460.8	39.76
	45.0	41.0	685.7	47.14	660.7	46.18	623.2	44.73	595.1	43.39	567.0	42.05	533.7	39.63	502.4	38.35	460.8	36.64
	47.0	43.0	685.7	45.89	660.7	44.95	623.2	43.54	595.1	42.23	567.0	40.93	533.7	38.58	502.4	37.33	460.8	35.67
	50.0	46.0	685.7	44.20	660.7	43.29	623.2	41.93	595.1	40.68	567.0	39.42	533.7	37.16	502.4	35.95	460.8	34.35
	55.0	51.0	685.7	41.49	660.7	40.64	623.2	39.36	595.1	38.18	567.0	37.00	533.7	34.87	502.4	33.75	460.8	32.24
	60.0	56.0	685.7	38.58	660.7	37.79	623.2	36.60	595.1	35.50	567.0	34.41	533.7	32.43	502.4	31.38	460.8	29.98
90%	-21.6	-22.0	290.6	31.97	289.4	33.88	287.6	36.73	285.9	40.57	284.2	44.40	281.9	47.08	280.5	49.58	278.5	52.93
	-17.1	-17.5	337.4	35.73	336.0	37.64	333.9	40.49	331.6	44.33	329.3	48.16	326.6	50.84	325.0	53.34	322.7	56.69
	-12.6	-13.0	384.2	39.49	382.6	41.40	380.2	44.25	379.6	48.09	378.9	51.92	375.9	54.60	373.9	57.10	371.4	60.45
	-7.0	-7.6	440.3	44.00	438.5	45.91	435.7	48.76	433.8	52.60	431.8	56.43	428.3	59.11	426.1	61.61	423.2	64.96
	-4.0	-4.4	473.9	46.71	472.0	48.61	469.0	51.47	466.3	55.31	463.5	59.14	459.8	60.68	457.5	60.76	454.3	60.87
	0.0	-0.4	514.1	50.05	512.0	51.96	508.8	54.81	505.2	57.84	501.5	60.86	482.2	60.65	461.3	60.43	433.4	60.14
	5.0	4.5	568.9	54.23	561.9	56.13	551.4	58.99	535.3	59.81	519.3	60.63	488.7	59.75	458.9	58.15	419.2	56.02
	10.0	9.0	621.5	60.00	600.6	60.31	569.3	60.78	544.3	60.59	519.3	60.40	488.7	57.53	458.9	54.96	419.2	51.52
	15.0	14.0	628.8	60.80	605.0	60.67	569.3	60.48	544.3	59.10	519.3	57.71	488.7	54.58	458.9	52.11	419.2	48.83
	20.0	19.0	628.8	61.17	605.0	59.94	569.3	58.09	544.3	56.26	519.3	54.44	488.7	51.50	458.9	49.16	419.2	46.03
	25.0	23.0	628.8	57.54	605.0	56.38	569.3	54.64	544.3	52.93	519.3	51.23	488.7	48.49	458.9	46.26	419.2	43.28
	30.0	28.0	628.8	53.91	605.0	52.82	569.3	51.19	544.3	49.61	519.3	48.02	488.7	45.47	458.9	43.35	419.2	40.53
	35.0	32.0	628.8	50.27	605.0	49.26	569.3	47.74	544.3	46.28	519.3	44.81	488.7	42.46	458.9	40.45	419.2	37.78
	40.0	36.0	628.8	46.64	605.0	45.70	569.3	44.29	544.3	42.95	519.3	41.60	488.7	39.44	458.9	37.55	419.2	35.04
	45.0	41.0	628.8	43.07	605.0	42.20	569.3	40.90	544.3	39.67	519.3	38.44	488.7	36.47	458.9	34.70	419.2	32.34
	47.0	43.0	628.8	41.92	605.0	41.08	569.3	39.82	544.3	38.62	519.3	37.42	488.7	35.51	458.9	33.78	419.2	31.48
	50.0	46.0	628.8	40.38	605.0	39.56	569.3	38.35	544.3	37.20	519.3	36.04	488.7	34.20	458.9	32.54	419.2	30.32
	55.0	51.0	628.8	37.90	605.0	37.14	569.3	35.99	544.3	34.91	519.3	33.83	488.7	32.10	458.9	30.54	419.2	28.46
	60.0	56.0	628.8	35.24	605.0	34.53	569.3	33.47	544.3	32.47	519.3	31.46	488.7	29.85	458.9	28.40	419.2	26.46
80%	-21.6	-22.0	289.5	32.24	288.3	34.34	286.5	37.50	284.7	39.76	283.0	42.01	280.7	47.98	279.3	51.12	277.4	55.30
	-17.1	-17.5	336.0	36.00	334.6	38.10	332.5	41.26	330.2	43.52	327.9	45.77	325.3	51.74	323.6	54.88	321.4	59.06
	-12.6	-13.0	382.6	39.76	381.0	41.86	378.6	45.02	376.7	47.27	374.8	49.53	372.9	53.98	372.9	53.86	372.8	53.69
	-7.0	-7.6	438.5	44.27	436.7	46.37	433.9	49.53	432.0	51.79	430.0	54.04	423.5	53.80	414.8	53.68	403.2	53.52
	-4.0	-4.4	472.0	46.97	470.0	49.08	467.1	52.24	464.3	53.08	461.6	53.93	434.9	53.69	410.6	53.57	378.3	53.42
	0.0	-0.4	517.0	51.38	509.9	52.42	499.3	53.98	482.2	53.89	465.1	53.79	436.2	53.21	410.2	52.38	375.6	51.28
	5.0	4.5	553.5	54.01	536.3	53.94	510.6	53.83	487.8	53.72	465.1	53.61	436.2	51.23	410.2	49.67	375.6	47.59
	10.0	9.0	562.5	53.83	541.8	53.76	510.6	53.67	487.8	52.85	465.1	52.04	436.2	48.67	410.2	47.16	375.6	45.15
	15.0	14.0	562.5	53.85	541.8	53.59	510.6	53.20	487.8	51.24	465.1	49.29	436.2	46.17	410.2	44.71	375.6	42.75
	20.0	19.0	562.5	52.39	541.8	51.47	510.6	50.09	487.8	48.26	465.1	46.43	436.2	43.57	410.2	42.15	375.6	40.26
	25.0	23.0	562.5	49.23	541.8	48.35	510.6	47.04	487.8	45.33	465.1	43.62	436.2	41.01	410.2	39.64	375.6	37.81
	30.0	28.0	562.5	46.07	541.8	45.24	510.6	43.99	487.8	42.40	465.1	40.82	436.2	38.46	410.2	37.14	375.6	35.37
	35.0	32.0	562.5	42.91	541.8	42.12	510.6	40.94	487.8	39.48	465.1	38.02	436.2	35.91	410.2	34.63	375.6	32.93
	40.0	36.0	562.5	39.74	541.8	39.00	510.6	37.89	487.8	36.55	465.1	35.21	436.2	33.35	410.2	32.12	375.6	30.48
	45.0	41.0	562.5	36.64	541.8	35.94	510.6	34.90	487.8	33.68	465.1	32.46	436.2	30.84	410.2	29.66	375.6	28.08
	47.0	43.0	562.5	35.67	541.8	34.99	510.6	33.97	487.8	32.79	465.1	31.60	436.2	30.02	410.2	28.87	375.6	27.34
	50.0	46.0	562.5	34.35	541.8	33.70	510.6	32.72	487.8	31.58	465.1	30.43	436.2	28.92	410.2	27.81	375.6	26.33
	55.0	51.0	562.5	32.24	541.8	31.63	510.6	30.71	487.8	29.64	465.1	28.56	436.2	27.14	410.2	26.10	375.6	24.71
	60.0	56.0	562.5	29.98	541.8	29.41	510.6	28.56	487.8	27.56	465.1	26.56	436.2	25.24	410.2	24.27	375.6	22.98

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).

HEATING CAPACITY DATA



ARUM504CTE5

504,000 Btu/h 575V Outdoor Units

MULTI V 5 Outdoor Unit Performance Data Manual

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
	°F DB	°F WB	59		61		64		67		70		73		76		80	
			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%	-21.6	-22.0	287.8	34.55	286.6	35.55	284.8	37.05	283.1	40.81	281.4	44.57	279.1	49.80	277.7	52.93	275.8	57.11
	-17.1	-17.5	334.1	38.31	332.7	39.31	330.6	40.81	328.3	44.57	326.0	48.33	323.4	52.04	321.7	51.94	319.5	51.80
	-12.6	-13.0	380.3	42.07	378.8	43.07	376.4	44.57	374.5	48.33	372.6	52.09	365.4	51.91	353.7	51.82	338.2	51.71
	-7.0	-7.6	434.3	46.58	434.1	47.58	433.8	49.09	414.0	50.50	394.1	51.91	372.5	51.74	351.1	51.68	322.6	51.60
	-4.0	-4.4	472.3	49.29	456.9	50.29	433.8	51.79	414.0	51.80	394.1	51.80	372.5	51.65	351.1	51.60	322.6	51.53
	0.0	-0.4	476.5	52.07	459.4	51.97	433.8	51.82	414.0	51.74	394.1	51.66	372.5	50.24	351.1	49.40	322.6	48.29
	5.0	4.5	476.5	51.77	459.4	51.64	433.8	51.46	414.0	50.68	394.1	49.90	372.5	47.56	351.1	46.67	322.6	45.48
	10.0	9.0	476.5	51.47	459.4	51.32	433.8	51.09	414.0	49.10	394.1	47.11	372.5	44.89	351.1	43.94	322.6	42.67
	15.0	14.0	476.5	52.15	459.4	50.68	433.8	48.48	414.0	46.44	394.1	44.39	372.5	42.27	351.1	41.26	322.6	39.92
	20.0	19.0	476.5	48.74	459.4	47.38	433.8	45.34	414.0	43.45	394.1	41.55	372.5	39.55	351.1	38.48	322.6	37.06
	25.0	23.0	476.5	45.40	459.4	44.15	433.8	42.27	414.0	40.52	394.1	38.77	372.5	36.87	351.1	35.75	322.6	34.25
	30.0	28.0	476.5	42.06	459.4	40.91	433.8	39.19	414.0	37.59	394.1	35.99	372.5	34.20	351.1	33.02	322.6	31.45
	35.0	32.0	476.5	38.72	459.4	37.68	433.8	36.11	414.0	34.66	394.1	33.21	372.5	31.53	351.1	30.29	322.6	28.64
	40.0	36.0	476.5	35.38	459.4	34.44	433.8	33.03	414.0	31.73	394.1	30.43	372.5	28.86	351.1	27.56	322.6	25.83
	45.0	41.0	476.5	32.14	459.4	31.30	433.8	30.04	414.0	28.88	394.1	27.72	372.5	26.26	351.1	24.92	322.6	23.13
	47.0	43.0	476.5	31.28	459.4	30.47	433.8	29.24	414.0	28.11	394.1	26.98	372.5	25.56	351.1	24.26	322.6	22.52
	50.0	46.0	476.5	30.13	459.4	29.34	433.8	28.16	414.0	27.08	394.1	25.99	372.5	24.62	351.1	23.36	322.6	21.69
	55.0	51.0	476.5	28.28	459.4	27.54	433.8	26.44	414.0	25.41	394.1	24.39	372.5	23.11	351.1	21.93	322.6	20.35
	60.0	56.0	476.5	26.30	459.4	25.61	433.8	24.58	414.0	23.63	394.1	22.68	372.5	21.49	351.1	20.39	322.6	18.93
60%	-21.6	-22.0	266.4	31.84	265.3	32.84	263.6	34.34	262.0	38.10	260.5	41.86	258.4	47.08	257.0	50.22	255.3	54.39
	-17.1	-17.5	309.2	35.59	308.0	36.60	306.0	38.10	303.9	41.86	301.8	45.62	298.9	49.32	296.4	49.20	293.1	49.04
	-12.6	-13.0	353.0	39.35	350.6	40.36	347.1	41.86	342.6	45.62	338.2	49.38	318.3	49.17	300.8	49.06	277.5	48.91
	-7.0	-7.6	408.1	43.87	394.1	44.87	373.1	46.37	355.7	47.76	338.2	49.15	318.3	48.99	300.8	48.88	277.5	48.75
	-4.0	-4.4	408.1	46.57	394.1	47.58	373.1	49.08	355.7	49.04	338.2	49.01	318.3	48.25	300.8	46.81	277.5	44.88
	0.0	-0.4	408.1	49.37	394.1	49.31	373.1	49.23	355.7	48.57	338.2	47.92	318.3	46.22	300.8	44.65	277.5	42.55
	5.0	4.5	408.1	49.20	394.1	49.13	373.1	49.01	355.7	47.12	338.2	45.24	318.3	43.54	300.8	42.00	277.5	39.93
	10.0	9.0	408.1	50.04	394.1	48.94	373.1	47.29	355.7	44.92	338.2	42.55	318.3	40.87	300.8	39.35	277.5	37.31
	15.0	14.0	408.1	47.71	394.1	46.34	373.1	44.29	355.7	42.10	338.2	39.92	318.3	38.25	300.8	36.75	277.5	34.75
	20.0	19.0	408.1	44.51	394.1	43.18	373.1	41.18	355.7	39.18	338.2	37.17	318.3	35.52	300.8	34.05	277.5	32.08
	25.0	23.0	408.1	41.38	394.1	40.07	373.1	38.12	355.7	36.30	338.2	34.49	318.3	32.84	300.8	31.40	277.5	29.47
	30.0	28.0	408.1	38.24	394.1	36.97	373.1	35.07	355.7	33.43	338.2	31.80	318.3	30.17	300.8	28.75	277.5	26.85
	35.0	32.0	408.1	35.11	394.1	33.87	373.1	32.01	355.7	30.56	338.2	29.11	318.3	27.49	300.8	26.10	277.5	24.24
	40.0	36.0	408.1	31.97	394.1	30.77	373.1	28.95	355.7	27.69	338.2	26.43	318.3	24.81	300.8	23.45	277.5	21.62
	45.0	41.0	408.1	28.94	394.1	27.76	373.1	26.01	355.7	24.92	338.2	23.83	318.3	22.23	300.8	20.90	277.5	19.12
	47.0	43.0	408.1	28.17	394.1	27.03	373.1	25.32	355.7	24.26	338.2	23.20	318.3	21.64	300.8	20.34	277.5	18.61
	50.0	46.0	408.1	27.13	394.1	26.03	373.1	24.38	355.7	23.36	338.2	22.34	318.3	20.85	300.8	19.59	277.5	17.92
	55.0	51.0	408.1	25.46	394.1	24.43	373.1	22.88	355.7	21.93	338.2	20.97	318.3	19.57	300.8	18.39	277.5	16.82
	60.0	56.0	408.1	23.68	394.1	22.72	373.1	21.28	355.7	20.39	338.2	19.50	318.3	18.20	300.8	17.10	277.5	15.64
50%	-21.6	-22.0	246.6	27.32	245.6	28.32	244.0	29.82	242.6	33.58	241.1	37.34	237.9	42.57	233.9	45.70	228.5	49.88
	-17.1	-17.5	286.3	31.08	285.1	32.08	283.3	33.58	277.7	37.34	272.1	41.10	261.8	44.78	251.4	44.60	237.6	44.37
	-12.6	-13.0	341.3	34.84	328.8	35.84	310.2	37.34	296.2	41.10	282.2	44.86	265.6	44.58	250.1	44.39	229.3	44.13
	-7.0	-7.6	341.3	39.35	328.8	40.35	310.2	41.86	296.2	43.23	282.2	44.61	265.6	43.45	250.1	41.32	229.3	38.49
	-4.0	-4.4	341.3	42.06	328.8	43.06	310.2	44.56	296.2	44.51	282.2	44.45	265.6	41.87	250.1	39.81	229.3	37.07
	0.0	-0.4	341.3	44.91	328.8	44.78	310.2	44.59	296.2	43.56	282.2	42.54	265.6	39.92	250.1	37.95	229.3	35.32
	5.0	4.5	341.3	45.74	328.8	44.55	310.2	42.76	296.2	41.35	282.2	39.93	265.6	37.49	250.1	35.62	229.3	33.13
	10.0	9.0	341.3	44.77	328.8	42.87	310.2	40.02	296.2	38.68	282.2	37.33	265.6	35.05	250.1	33.29	229.3	30.94
	15.0	14.0	341.3	41.75	328.8	39.99	310.2	37.34	296.2	36.06	282.2	34.77	265.6	32.67	250.1	31.00	229.3	28.79
	20.0	19.0	341.3	38.61	328.8	36.99	310.2	34.55	296.2	33.33	282.2	32.11	265.6	30.18	250.1	28.63	229.3	26.55
	25.0	23.0	341.3	35.54	328.8	34.05	310.2	31.81	296.2	30.66	282.2	29.51	265.6	27.75	250.1	26.30	229.3	24.36
	30.0	28.0	341.3	32.46	328.8	31.10	310.2	29.07	296.2	27.99	282.2	26.90	265.6	25.31	250.1	23.97	229.3	22.17
	35.0	32.0	341.3	29.38	328.8	28.16	310.2	26.34	296.2	25.32	282.2	24.29	265.6	22.88	250.1	21.63	229.3	19.97
	40.0	36.0	341.3	26.30	328.8	25.22	310.2	23.60	296.2	22.64	282.2	21.69	265.6	20.44	250.1	19.30	229.3	17.78
	45.0	41.0	341.3	23.35	328.8	22.40	310.2	20.97	296.2	20.08	282.2	19.19	265.6	18.11	250.1	17.07	229.3	15.68
	47.0	43.0	341.3	22.73	328.8	21.80	310.2	20.41	296.2	19.55	282.2	18.68	265.6	17.63	250.1	16.62	229.3	15.27
	50.0	46.0	341.3	21.89	328.8	21.00	310.2	19.66	296.2	18.82	282.2	17.99	265.6	16.98	250.1	16.00	229.3	14.70
	55.0	51.0	341.3	20.54	328.8	19.71	310.2	18.45	296.2	17.67	282.2	16.88	265.6	15.94	250.1	15.02	229.3	13.80
	60.0	56.0	341.3	19.11	328.8	18.33	310.2	17.16	296.2	16.43	282.2	15.70	265.6	14.82	250.1	13.97	229.3	12.83

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 70°F dry bulb (DB) and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

CORRECTION FACTORS

Defrost Correction Factor for Heating Operation on page 158

Equivalent Length Calculation on page 158

Elevation Correction Factors on page 159

Note:

The correction factors shown below are calculated in the LATS software programs.

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: $A = B \times C$

Where: A = Integrated heating capacity

B = Heating capacity value given in table of capacity characteristics

C = Integrated correction factor for frost accumulation

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.

Table 1: 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

¹At 85% outdoor air relative humidity.

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 = ARUM072CTE5

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 1: Equivalent Length.

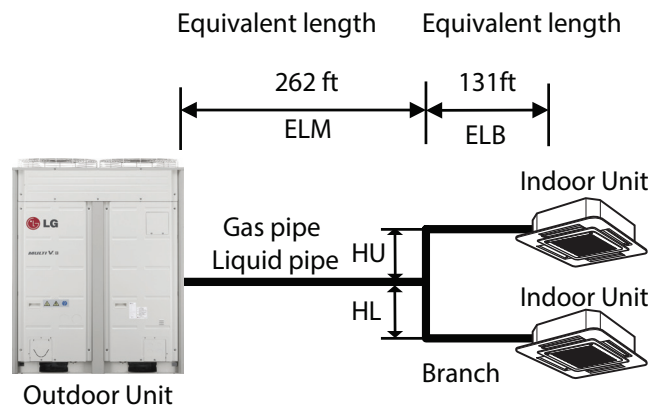


Table 2: Pipe Length Correction Factor.

Correction Factor	Overall Equivalent Pipe Length	
	Standard Application	Overall Equivalent Length 295 feet
ARUM072-504CTE5		
Cooling	1.0	0.5

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 software programs.

Table 3: ARUM Outdoor Unit Cooling Correction Factors (072CTE5 to 336CTE5).

	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

¹ELF = 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:

Heating Correction Factor for 072CTE5 to 336CTE5 models is 1.0 for all equivalent lengths and elevation differences.

Note:

The correction factors shown below are calculated in the LATS software programs.

Table 4: ARUM Outdoor Unit Cooling Correction Factors (360CTE5 to 504CTE5).

	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

¹ELF = 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:

Heating Correction Factor for 360CTE5 to 504CTE5 models is 1.0 for all equivalent lengths and elevation differences.

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