



MULTI F

MULTI F MAX

COMBINATION DATA MANUAL

Multi-Zone Heat Pump Systems 1.5 to 5 Tons



Dual and Tri-Zone
Multi F



Quad-Zone
Multi F



Eight-Zone
Multi F MAX

PROPRIETARY DATA NOTICE

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ALLOWABLE IDU TO ODU CONNECTIONS

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Table 1: Multi F Allowable Indoor Unit to Outdoor Unit Connections.

Indoor units		Outdoor units			
Model Type	Indoor Unit Nominal Capacity (Btu/h)	LMU18CHV	LMU24CHV	LMU30CHV	LMU36CHV
		Maximum No. of Connectable Indoor Units			
		2	3	4	4
ART COOL Mirror	9,000	0	0	0	0
	12,000	0	0	0	0
	18,000	-	0	0	0
ART COOL Gallery	9,000	0	0	0	0
	12,000	0	0	0	0
	18,000	0	0	0	0
Standard Wall Mounted	7,000	0	0	0	0
	9,000	0	0	0	0
	12,000	0	0	0	0
	15,000	0	0	0	0
	18,000	-	0	0	0
	24,000	-	0	0	0
Ceiling Concealed Duct-Low Static	9,000	0	0	0	0
	12,000	0	0	0	0
	18,000	-	0	0	0
Ceiling Concealed Duct-High Static	24,000	-	-	0	0
	36,000	-	-	-	-
	7,000	0	0	0	0
Four-Way Ceiling Cassette	9,000	0	0	0	0
	12,000	0	0	0	0
	18,000	-	0	0	0
	24,000	-	0	0	0
Vertical-Horizontal Air Handler	24,000	-	-	0	0
	36,000	-	-	-	-

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Figure 1: Dual-Zone (LMU18CHV) Multi F Heat Pump Inverter System — Mix and match for 14,000-24,000 Btu/h.



Figure 2: Tri-Zone (LMU24CHV) Multi F Heat Pump Inverter System — Mix and match for 14,000-33,000 Btu/h.



Figure 3: Quad-Zone (LMU30CHV and LMU36CHV) Multi F Heat Pump Inverter System — Mix and match for 14,000-40,000 (LMU30CHV) and 14,000-48,000 Btu/h (LMU36CHV).

Table 2: Multi F MAX Allowable Indoor Unit to Outdoor Unit Connections.

Indoor units		Outdoor Units		
Model Type	Indoor Unit Nominal Capacity (Btu/h)	LMU480HV	LMU540HV	LMU600HV
		Maximum No. of Connectable Indoor Units		
		8	8	8
ART COOL Mirror	9,000	0	0	0
	12,000	0	0	0
	18,000	0	0	0
ART COOL Gallery	9,000	0	0	0
	12,000	0	0	0
Standard Wall Mounted	7,000	0	0	0
	9,000	0	0	0
	12,000	0	0	0
	15,000	0	0	0
	18,000	0	0	0
	24,000	0	0	0
Ceiling Concealed Duct-Low Static	9,000	0	0	0
	12,000	0	0	0
	18,000	0	0	0
Ceiling Concealed Duct-High Static	24,000	0	0	0
	36,000	0	0	0
Four-Way Ceiling Cassette	7,000	0	0	0
	9,000	0	0	0
	12,000	0 </td <td>0</td> <td>0</td>	0	0
	18,000	0	0	0
Vertical-Horizontal Air Handler	24,000	0	0	0
	36,000	0	0	0

Figure 4: LMU480HV, LMU540HV, and LMU600HV Multi F MAX Heat Pump Inverter System — 21,000-65,000 Btu/h (48 MBH), 22,000-73,000 (54MBH), and 24,000-81,000 (60MBH).



MULTI F LMU18CHV

Rated Cooling Combination Table

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Table 3: LMU18CHV with Non-Ducted, Ducted, and Mixed Indoor Units — Rated Cooling Combination Table.

No. of Indoor Units	Indoor Unit Combination (kBtu/h)					Room Capacity				Total Capacity						Input (W)			EER	SEER	
	IDU 1	IDU 2	IDU 3	IDU 4	Total	Unit 1 (Btu/h)	Unit 2 (Btu/h)	Unit 3 (Btu/h)	Unit 4 (Btu/h)	Minimum		Rated		Maximum		Min.	Rated	Max.			
										Btu/h	kW	Btu/h	kW	Btu/h	kW						
Non-Ducted Indoor Units																					
Two Units	7	7	-	-	14	7,000	7,000	-	-	8,400	2.46	14,000	4.10	16,800	4.92	826	1,180	1,652	11.9	20.1	
	7	9	-	-	16	7,000	9,000	-	-	9,600	2.81	16,000	4.69	19,000	5.57	868	1,240	1,736	12.9	21.9	
	9	9	-	-	18	8,500	8,500	-	-	10,200	3.16	17,000	4.98	19,000	5.57	917	1,310	1,834	13.0	22.0	
	7	12	-	-	19	6,263	10,737	-	-	10,200	2.99	17,000	4.98	19,000	5.57	917	1,310	1,834	13.0	22.0	
	9	12	-	-	21	7,286	9,714	-	-	10,200	3.16	17,000	4.98	19,000	5.57	917	1,310	1,834	13.0	22.0	
	7	15	-	-	22	5,409	11,591	-	-	10,200	2.99	17,000	4.98	19,000	5.57	917	1,310	1,834	13.0	22.0	
	9	15	-	-	24	6,375	10,625	-	-	10,200	2.99	17,000	4.98	19,000	5.57	917	1,310	1,834	13.0	22.0	
	12	12	-	-	24	8,500	8,500	-	-	10,200	3.16	17,000	4.98	19,000	5.57	917	1,310	1,834	13.0	22.0	
Ducted Indoor Units																					
Two Units	9	9	-	-	18	7,000	7,000	-	-	8,400	3.16	14,000	4.10	19,000	5.57	916	1,308	1,831	10.7	17.2	
	9	12	-	-	21	6,000	8,000	-	-	8,400	3.16	14,000	4.10	19,000	5.57	916	1,308	1,831	10.7	17.2	
	12	12	-	-	24	7,000	7,000	-	-	8,400	3.16	14,000	4.10	19,000	5.57	916	1,308	1,831	10.7	17.2	
Mixed Indoor Units																					
Two Units	7	9	-	-	16	6,382	8,206	-	-	8,753	2.57	14,588	4.28	19,000	5.57	867	1,239	1,735	11.8	19.5	
	9	9	-	-	18	7,750	7,750	-	-	9,300	3.16	15,500	4.54	19,000	5.57	916	1,309	1,833	11.8	19.6	
	7	12	-	-	19	5,711	9,789	-	-	9,300	2.73	15,500	4.54	19,000	5.57	916	1,309	1,833	11.8	19.6	
	9	12	-	-	21	6,643	8,857	-	-	9,300	3.16	15,500	4.54	19,000	5.57	916	1,309	1,833	11.8	19.6	
	9	15	-	-	24	5,813	9,688	-	-	9,300	2.73	15,500	4.54	19,000	5.57	916	1,309	1,833	11.8	19.6	
		12	12	-	-	24	7,750	7,750	-	-	9,300	3.16	15,500	4.54	19,000	5.57	916	1,309	1,833	11.8	19.6

¹Capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

²Cooling 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).

³Wiring cable size must comply with the applicable local and national codes.

⁴The specification may be subject to change without prior notice for purpose of improvement.

⁵At least two indoor units should be connected.

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Table 4: LMU18CHV with Non-Ducted, Ducted, and Mixed Indoor Units — Rated Heating Combination Table.

No. of Indoor Units	Indoor Unit Combination (kBtu/h)					Room Capacity				Total Capacity						Input (W)			COP	HSPF
	IDU 1	IDU 2	IDU 3	IDU 4	Total	Unit 1 (Btu/h)	Unit 2 (Btu/h)	Unit 3 (Btu/h)	Unit 4 (Btu/h)	Minimum		Rated		Maximum		Min.	Rated	Max.		
										Btu/h	kW	Btu/h	kW	Btu/h	kW					
Non-Ducted Indoor Units																				
Two Units	7	7	-	-	14	8,540	8,540	-	-	10,248	3.00	17,080	5.01	19,642	5.76	1,155	1,650	2,310	3.0	9.3
	7	9	-	-	16	8,540	10,980	-	-	11,712	3.43	19,520	5.72	22,448	6.58	1,309	1,870	2,420	3.1	9.4
	9	9	-	-	18	11,000	11,000	-	-	13,200	3.87	22,000	6.45	24,000	7.03	1,428	2,040	2,420	3.2	9.7
	7	12	-	-	19	8,105	13,895	-	-	13,200	3.87	22,000	6.45	24,000	7.03	1,428	2,040	2,420	3.2	9.7
	9	12	-	-	21	9,429	12,571	-	-	13,200	3.87	22,000	6.45	24,000	7.03	1,428	2,040	2,420	3.2	9.7
	7	15	-	-	22	7,000	15,000	-	-	13,200	3.87	22,000	6.45	24,000	7.03	1,428	2,040	2,420	3.2	9.7
	9	15	-	-	24	8,250	13,750	-	-	13,200	3.87	22,000	6.45	24,000	7.03	1,428	2,040	2,420	3.2	9.7
	12	12	-	-	24	11,000	11,000	-	-	13,200	3.87	22,000	6.45	24,000	7.03	1,428	2,040	2,420	3.2	9.7
Ducted Indoor Units																				
Two Units	9	9	-	-	18	9,900	9,900	-	-	11,880	3.48	19,800	5.80	24,000	7.03	1,386	1,980	2,420	2.9	9.7
	9	12	-	-	21	8,486	11,314	-	-	11,880	3.48	19,800	5.80	24,000	7.03	1,386	1,980	2,420	2.9	9.7
	12	12	-	-	24	9,900	9,900	-	-	11,880	3.48	19,800	5.80	24,000	7.03	1,386	1,980	2,420	2.9	9.7
Mixed Indoor Units																				
Two Units	7	9	-	-	16	8,113	10,431	-	-	11,126	3.26	18,544	5.43	21,326	6.25	1,290	1,843	2,420	2.9	9.4
	9	9	-	-	18	10,450	10,450	-	-	12,540	3.68	20,900	6.13	24,000	7.03	1,407	2,010	2,420	3.0	9.7
	7	12	-	-	19	7,700	13,200	-	-	12,540	3.68	20,900	6.13	24,000	7.03	1,407	2,010	2,420	3.0	9.7
	9	12	-	-	21	8,957	11,943	-	-	12,540	3.68	20,900	6.13	24,000	7.03	1,407	2,010	2,420	3.0	9.7
	9	15	-	-	24	7,838	13,063	-	-	12,540	3.68	20,900	6.13	24,000	7.03	1,407	2,010	2,420	3.0	9.7
	12	12	-	-	24	10,450	10,450	-	-	12,540	3.68	20,900	6.13	24,000	7.03	1,407	2,010	2,420	3.0	9.7

¹Capacity as rated:

0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

⁴The specification may be subject to change without prior notice for purpose of improvement.

⁵At least two indoor units should be connected.

²Heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

³Wiring cable size must comply with the applicable local and national codes.

MULTI F LMU24CHV

Rated Cooling Combination Tables

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Table 5: LMU24CHV with Non-Ducted and Ducted Indoor Units — Rated Cooling Combination Table.

No. of Indoor Units	Indoor Unit Combination (kBtu/h)					Room Capacity				Total Capacity						Input (W)			EER	SEER
	IDU 1	IDU 2	IDU 3	IDU 4	Total	Unit 1 (Btu/h)	Unit 2 (Btu/h)	Unit 3 (Btu/h)	Unit 4 (Btu/h)	Minimum		Rated		Maximum		Min.	Rated	Max.		
										Btu/h	kW	Btu/h	kW	Btu/h	kW					
Non-Ducted Indoor Units																				
Two Units	7	7	-	-	14	7,000	7,000	-	-	8,400	2.46	14,000	4.10	16,800	4.92	798	1,140	1,596	12.3	19.7
	7	9	-	-	16	7,000	9,000	-	-	9,600	2.81	16,000	4.69	19,200	5.63	903	1,290	1,806	12.4	19.9
	9	9	-	-	18	9,000	9,000	-	-	10,800	3.17	18,000	5.28	21,600	6.33	1,008	1,440	2,016	12.5	20.1
	7	12	-	-	19	7,000	12,000	-	-	11,400	3.34	19,000	5.57	22,800	6.68	1,057	1,510	2,114	12.6	20.2
	9	12	-	-	21	8,571	11,429	-	-	12,000	3.52	20,000	5.86	24,000	7.03	1,106	1,580	2,212	12.7	20.3
	7	15	-	-	22	6,364	13,636	-	-	12,000	3.52	20,000	5.86	24,000	7.03	1,106	1,580	2,212	12.7	20.3
	9	15	-	-	24	7,500	12,500	-	-	12,000	3.52	20,000	5.86	24,000	7.03	1,106	1,580	2,212	12.7	20.3
	12	12	-	-	24	10,000	10,000	-	-	12,000	3.52	20,000	5.86	24,000	7.03	1,106	1,580	2,212	12.7	20.3
	7	18	-	-	25	5,600	14,400	-	-	12,000	3.52	20,000	5.86	24,000	7.03	1,106	1,580	2,212	12.7	20.3
	9	18	-	-	27	6,667	13,333	-	-	12,000	3.52	20,000	5.86	24,000	7.03	1,106	1,580	2,212	12.7	20.3
	12	15	-	-	27	8,889	11,111	-	-	12,000	3.52	20,000	5.86	24,000	7.03	1,106	1,580	2,212	12.7	20.3
	12	18	-	-	30	8,000	12,000	-	-	12,000	3.52	20,000	5.86	24,000	7.03	1,106	1,580	2,212	12.7	20.3
	15	15	-	-	30	10,000	10,000	-	-	12,000	3.52	20,000	5.86	24,000	7.03	1,106	1,580	2,212	12.7	20.3
	7	24	-	-	31	4,516	15,484	-	-	12,000	3.52	20,000	5.86	24,000	7.03	1,106	1,580	2,212	12.7	20.3
9	24	-	-	33	5,455	14,545	-	-	12,000	3.52	20,000	5.86	24,000	7.03	1,106	1,580	2,212	12.7	20.3	
15	18	-	-	33	9,091	10,909	-	-	12,000	3.52	20,000	5.86	24,000	7.03	1,106	1,580	2,212	12.7	20.3	
Three Units	7	7	7	-	21	6,667	6,667	6,667	-	12,000	3.52	20,000	5.86	25,000	7.33	1,037	1,481	2,073	13.5	21.7
	7	7	9	-	23	6,087	6,087	7,826	-	12,000	3.52	20,000	5.86	25,000	7.33	1,037	1,481	2,073	13.5	21.7
	7	9	9	-	25	5,600	7,200	7,200	-	12,000	3.52	20,000	5.86	25,000	7.33	1,037	1,481	2,073	13.5	21.7
	7	7	12	-	26	5,385	5,385	9,231	-	12,000	3.52	20,000	5.86	25,000	7.33	1,037	1,481	2,073	13.5	21.7
	9	9	9	-	27	6,667	6,667	6,667	-	12,000	3.52	20,000	5.86	25,000	7.33	1,037	1,481	2,073	13.5	21.7
	7	9	12	-	28	5,000	6,429	8,571	-	12,000	3.52	20,000	5.86	25,000	7.33	1,037	1,481	2,073	13.5	21.7
	7	7	15	-	29	4,828	4,828	10,345	-	12,000	3.52	20,000	5.86	25,000	7.33	1,037	1,481	2,073	13.5	21.7
	9	9	12	-	30	6,000	6,000	8,000	-	12,000	3.52	20,000	5.86	25,000	7.33	1,037	1,481	2,073	13.5	21.7
	7	9	15	-	31	4,516	5,806	9,677	-	12,000	3.52	20,000	5.86	25,000	7.33	1,037	1,481	2,073	13.5	21.7
	7	12	12	-	31	4,516	7,742	7,742	-	12,000	3.52	20,000	5.86	25,000	7.33	1,037	1,481	2,073	13.5	21.7
	7	7	18	-	32	4,375	4,375	11,250	-	12,000	3.52	20,000	5.86	25,000	7.33	1,037	1,481	2,073	13.5	21.7
9	9	15	-	33	5,455	5,455	9,091	-	12,000	3.52	20,000	5.86	25,000	7.33	1,037	1,481	2,073	13.5	21.7	
9	12	12	-	33	5,455	7,273	7,273	-	12,000	3.52	20,000	5.86	25,000	7.33	1,037	1,481	2,073	13.5	21.7	
Ducted Indoor Units																				
Two Units	9	9	-	-	18	8,010	8,010	-	-	9,612	2.82	16,020	4.70	19,224	5.63	1,054	1,505	2,107	10.6	16.2
	9	12	-	-	21	7,629	10,171	-	-	10,680	3.13	17,800	5.22	21,360	6.26	1,156	1,651	2,312	10.8	16.4
	12	12	-	-	24	8,900	8,900	-	-	10,680	3.13	17,800	5.22	21,360	6.26	1,156	1,651	2,312	10.8	16.4
	9	18	-	-	27	5,933	11,867	-	-	10,680	3.13	17,800	5.22	21,360	6.26	1,156	1,651	2,312	10.8	16.4
	12	18*	-	-	30	7,120	10,680	-	-	10,680	3.13	17,800	5.22	21,360	6.26	1,156	1,651	2,312	10.8	16.4
Three Units	9	9	9	-	27	5,933	5,933	5,933	-	10,680	3.13	17,800	5.22	22,250	6.52	1,084	1,548	2,167	11.5	17.5
	9	9	12	-	30	5,340	5,340	7,120	-	10,680	3.13	17,800	5.22	22,250	6.52	1,084	1,548	2,167	11.5	17.5
	9	12	12	-	33	4,855	6,473	6,473	-	10,680	3.13	17,800	5.22	22,250	6.52	1,084	1,548	2,167	11.5	17.5

¹Capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

²Cooling 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).

³Wiring cable size must comply with the applicable local and national codes.

⁴The specification may be subject to change without prior notice for purpose of improvement.

⁵At least two indoor units should be connected.

*The indoor unit must not be a high static ducted or vertical air handling unit.



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Table 6: LMU24CHV with Mixed Indoor Units — Rated Cooling Combination Table.

No. of Indoor Units	Indoor Unit Combination (kBtu/h)					Room Capacity				Total Capacity						Input (W)			EER	SEER
	IDU 1	IDU 2	IDU 3	IDU 4	Total	Unit 1 (Btu/h)	Unit 2 (Btu/h)	Unit 3 (Btu/h)	Unit 4 (Btu/h)	Minimum		Rated		Maximum		Min.	Rated	Max.		
										Btu/h	kW	Btu/h	kW	Btu/h	kW					
<i>Mixed Indoor Units</i>																				
Two Units	7	9	-	-	16	6,615	8,505	-	-	9,072	2.66	15,120	4.43	18,144	5.32	923	1,319	1,847	11.5	18.0
	9	9	-	-	18	8,505	8,505	-	-	10,206	2.99	17,010	4.99	20,412	5.98	1,031	1,473	2,062	11.6	18.1
	7	12	-	-	19	6,615	11,340	-	-	10,773	3.16	17,955	5.26	21,546	6.31	1,081	1,544	2,162	11.6	18.3
	9	12	-	-	21	8,100	10,800	-	-	11,340	3.32	18,900	5.54	22,680	6.65	1,131	1,616	2,262	11.7	18.4
	9	15	-	-	24	7,088	11,813	-	-	11,340	3.32	18,900	5.54	22,680	6.65	1,131	1,616	2,262	11.7	18.4
	12	12	-	-	24	9,450	9,450	-	-	11,340	3.32	18,900	5.54	22,680	6.65	1,131	1,616	2,262	11.7	18.4
	7	18	-	-	25	5,292	13,608	-	-	11,340	3.32	18,900	5.54	22,680	6.65	1,131	1,616	2,262	11.7	18.4
	9	18	-	-	27	6,300	12,600	-	-	11,340	3.32	18,900	5.54	22,680	6.65	1,131	1,616	2,262	11.7	18.4
	12	15	-	-	27	8,400	10,500	-	-	11,340	3.32	18,900	5.54	22,680	6.65	1,131	1,616	2,262	11.7	18.4
	12	18*	-	-	30	7,560	11,340	-	-	11,340	3.32	18,900	5.54	22,680	6.65	1,131	1,616	2,262	11.7	18.4
15	18*	-	-	33	8,591	10,309	-	-	11,340	3.32	18,900	5.54	22,680	6.65	1,131	1,616	2,262	11.7	18.4	
9	24*	-	-	33	5,155	13,745	-	-	11,340	3.32	18,900	5.54	22,680	6.65	1,131	1,616	2,262	11.7	18.4	
Three Units	7	7	9	-	23	5,752	5,752	7,396	-	11,340	3.32	18,900	5.54	23,625	6.92	1,060	1,515	2,120	12.5	19.6
	7	9	9	-	25	5,292	6,804	6,804	-	11,340	3.32	18,900	5.54	23,625	6.92	1,060	1,515	2,120	12.5	19.6
	7	7	12	-	26	5,088	5,088	8,723	-	11,340	3.32	18,900	5.54	23,625	6.92	1,060	1,515	2,120	12.5	19.6
	9	9	9	-	27	6,300	6,300	6,300	-	11,340	3.32	18,900	5.54	23,625	6.92	1,060	1,515	2,120	12.5	19.6
	7	9	12	-	28	4,725	6,075	8,100	-	11,340	3.32	18,900	5.54	23,625	6.92	1,060	1,515	2,120	12.5	19.6
	9	9	12	-	30	5,670	5,670	7,560	-	11,340	3.32	18,900	5.54	23,625	6.92	1,060	1,515	2,120	12.5	19.6
	7	9	15	-	31	4,268	5,487	9,145	-	11,340	3.32	18,900	5.54	23,625	6.92	1,060	1,515	2,120	12.5	19.6
	7	12	12	-	31	4,268	7,316	7,316	-	11,340	3.32	18,900	5.54	23,625	6.92	1,060	1,515	2,120	12.5	19.6
	7	7	18*	-	32	4,134	4,134	10,631	-	11,340	3.32	18,900	5.54	23,625	6.92	1,060	1,515	2,120	12.5	19.6
	9	9	15	-	33	5,155	5,155	8,591	-	11,340	3.32	18,900	5.54	23,625	6.92	1,060	1,515	2,120	12.5	19.6
9	12	12	-	33	5,155	6,873	6,873	-	11,340	3.32	18,900	5.54	23,625	6.92	1,060	1,515	2,120	12.5	19.6	

¹Capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

²Cooling 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).

³Wiring cable size must comply with the applicable local and national codes.

⁴The specification may be subject to change without prior notice for purpose of improvement.

⁵At least two indoor units should be connected.

*The indoor unit must not be a high static ducted or vertical air handling unit.

MULTI F LMU24CHV

Rated Heating Combination Tables

MULTI F
MULTI F MAX

Table 7: LMU24CHV with Non-Ducted and Ducted Indoor Units — Rated Heating Combination Table.

No. of Indoor Units	Indoor Unit Combination (kBtu/h)					Room Capacity				Total Capacity						Input (W)			COP	HSPF
	IDU 1	IDU 2	IDU 3	IDU 4	Total	Unit 1 (Btu/h)	Unit 2 (Btu/h)	Unit 3 (Btu/h)	Unit 4 (Btu/h)	Minimum		Rated		Maximum		Min.	Rated	Max.		
										Btu/h	kW	Btu/h	kW	Btu/h	kW					
Non-Ducted Indoor Units																				
Two Units	7	7	-	-	14	7,700	7,700	-	-	9,240	2.71	15,400	4.51	17,710	5.19	1,092	1,560	2,184	2.9	7.8
	7	9	-	-	16	7,700	9,900	-	-	10,560	3.09	17,600	5.16	20,240	5.93	1,134	1,620	2,268	3.2	8.6
	9	9	-	-	18	9,900	9,900	-	-	11,880	3.48	19,800	5.80	22,770	6.67	1,197	1,710	2,394	3.4	9.2
	7	12	-	-	19	7,700	13,200	-	-	12,540	3.68	20,900	6.13	24,035	7.04	1,232	1,760	2,464	3.5	9.4
	9	12	-	-	21	9,900	13,200	-	-	13,860	4.06	23,100	6.77	26,565	7.79	1,323	1,890	2,580	3.6	9.7
	7	15	-	-	22	7,636	16,364	-	-	14,400	4.22	24,000	7.03	27,600	8.09	1,358	1,940	2,580	3.6	9.8
	9	15	-	-	24	9,000	15,000	-	-	14,400	4.22	24,000	7.03	27,600	8.09	1,358	1,940	2,580	3.6	9.8
	12	12	-	-	24	12,000	12,000	-	-	14,400	4.22	24,000	7.03	27,600	8.09	1,358	1,940	2,580	3.6	9.8
	7	18	-	-	25	6,720	17,280	-	-	14,400	4.22	24,000	7.03	27,600	8.09	1,358	1,940	2,580	3.6	9.8
	9	18	-	-	27	8,000	16,000	-	-	14,400	4.22	24,000	7.03	27,600	8.09	1,358	1,940	2,580	3.6	9.8
	12	15	-	-	27	10,667	13,333	-	-	14,400	4.22	24,000	7.03	27,600	8.09	1,358	1,940	2,580	3.6	9.8
	12	18	-	-	30	9,600	14,400	-	-	14,400	4.22	24,000	7.03	27,600	8.09	1,358	1,940	2,580	3.6	9.8
	15	15	-	-	30	12,000	12,000	-	-	14,400	4.22	24,000	7.03	27,600	8.09	1,358	1,940	2,580	3.6	9.8
	7	24	-	-	31	5,419	18,581	-	-	14,400	4.22	24,000	7.03	27,600	8.09	1,358	1,940	2,580	3.6	9.8
	9	24	-	-	33	6,545	17,455	-	-	14,400	4.22	24,000	7.03	27,600	8.09	1,358	1,940	2,580	3.6	9.8
15	18	-	-	33	10,909	13,091	-	-	14,400	4.22	24,000	7.03	27,600	8.09	1,358	1,940	2,580	3.6	9.8	
Three Units	7	7	7	-	21	7,700	7,700	7,700	-	13,860	4.06	23,100	6.77	27,720	8.12	1,246	1,780	2,492	3.8	10.3
	7	7	9	-	23	7,304	7,304	9,391	-	14,400	4.22	24,000	7.03	28,800	8.44	1,260	1,800	2,520	3.9	10.6
	7	9	9	-	25	6,720	8,640	8,640	-	14,400	4.22	24,000	7.03	28,800	8.44	1,260	1,800	2,520	3.9	10.6
	7	7	12	-	26	6,462	6,462	11,077	-	14,400	4.22	24,000	7.03	28,800	8.44	1,260	1,800	2,520	3.9	10.6
	9	9	9	-	27	8,000	8,000	8,000	-	14,400	4.22	24,000	7.03	28,800	8.44	1,260	1,800	2,520	3.9	10.6
	7	9	12	-	28	6,000	7,714	10,286	-	14,400	4.22	24,000	7.03	28,800	8.44	1,260	1,800	2,520	3.9	10.6
	7	7	15	-	29	5,793	5,793	12,414	-	14,400	4.22	24,000	7.03	28,800	8.44	1,260	1,800	2,520	3.9	10.6
	9	9	12	-	30	7,200	7,200	9,600	-	14,400	4.22	24,000	7.03	28,800	8.44	1,260	1,800	2,520	3.9	10.6
	7	9	15	-	31	5,419	6,968	11,613	-	14,400	4.22	24,000	7.03	28,800	8.44	1,260	1,800	2,520	3.9	10.6
	7	12	12	-	31	5,419	9,290	9,290	-	14,400	4.22	24,000	7.03	28,800	8.44	1,260	1,800	2,520	3.9	10.6
	7	7	18	-	32	5,250	5,250	13,500	-	14,400	4.22	24,000	7.03	28,800	8.44	1,260	1,800	2,520	3.9	10.6
	9	9	15	-	33	6,545	6,545	10,909	-	14,400	4.22	24,000	7.03	28,800	8.44	1,260	1,800	2,520	3.9	10.6
9	12	12	-	33	6,545	8,727	8,727	-	14,400	4.22	24,000	7.03	28,800	8.44	1,260	1,800	2,520	3.9	10.6	
Ducted Indoor Units																				
Two Units	9	9	-	-	18	9,281	9,281	-	-	11,138	3.26	18,563	5.44	21,347	6.26	1,275	1,822	2,551	3.0	8.5
	9	12	-	-	21	9,281	12,375	-	-	12,994	3.81	21,656	6.35	24,905	7.3	1,410	2,014	2,580	3.2	9.0
	12	12	-	-	24	11,200	11,200	-	-	13,440	3.94	22,400	6.57	25,760	7.55	1,447	2,067	2,580	3.2	9.1
	9	18	-	-	27	7,467	14,933	-	-	13,440	3.94	22,400	6.57	25,760	7.55	1,447	2,067	2,580	3.2	9.1
	12	18*	-	-	30	8,960	13,440	-	-	13,440	3.94	22,400	6.57	25,760	7.55	1,447	2,067	2,580	3.2	9.1
Three Units	9	9	9	-	27	7,467	7,467	7,467	-	13,440	3.94	22,400	6.57	26,880	7.88	1,343	1,918	2,685	3.4	9.8
	9	9	12	-	30	6,720	6,720	8,960	-	13,440	3.94	22,400	6.57	26,880	7.88	1,343	1,918	2,685	3.4	9.8
	9	12	12	-	33	6,109	8,145	8,145	-	13,440	3.94	22,400	6.57	26,880	7.88	1,343	1,918	2,685	3.4	9.8

¹Capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

²Heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

³Wiring cable size must comply with the applicable local and national codes.

⁴The specification may be subject to change without prior notice for purpose of improvement.

⁵At least two indoor units should be connected.

*The indoor unit must not be a high static ducted or vertical air handling unit.



Multi F / Multi F MAX Heat Pump System Combination Data Manual

Table 8: LMU24CHV with Mixed Indoor Units — Rated Heating Combination Table.

No. of Indoor Units	Indoor Unit Combination (kBtu/h)					Room Capacity				Total Capacity						Input (W)			COP	HSPF
	IDU 1	IDU 2	IDU 3	IDU 4	Total	Unit 1 (Btu/h)	Unit 2 (Btu/h)	Unit 3 (Btu/h)	Unit 4 (Btu/h)	Minimum		Rated		Maximum		Min.	Rated	Max.		
										Btu/h	kW	Btu/h	kW	Btu/h	kW					
<i>Mixed Indoor Units</i>																				
Two Units	7	9	-	-	16	7,459	9,591	-	-	10,230	3.00	17,050	5.00	19,608	5.75	1,171	1,673	2,342	3.0	8.3
	9	9	-	-	18	9,591	9,591	-	-	11,509	3.37	19,181	5.62	22,058	6.46	1,236	1,766	2,472	3.2	8.9
	7	12	-	-	19	7,459	12,788	-	-	12,148	3.56	20,247	5.93	23,284	6.82	1,272	1,818	2,545	3.3	9.1
	9	12	-	-	21	9,591	12,788	-	-	13,427	3.94	22,378	6.56	25,735	7.54	1,366	1,952	2,580	3.4	9.4
	9	15	-	-	24	8,719	14,531	-	-	13,950	4.09	23,250	6.81	26,738	7.84	1,403	2,004	2,580	3.4	9.5
	12	12	-	-	24	11,625	11,625	-	-	13,950	4.09	23,250	6.81	26,738	7.84	1,403	2,004	2,580	3.4	9.5
	7	18	-	-	25	6,510	16,740	-	-	13,950	4.09	23,250	6.81	26,738	7.84	1,403	2,004	2,580	3.4	9.5
	9	18	-	-	27	7,750	15,500	-	-	13,950	4.09	23,250	6.81	26,738	7.84	1,403	2,004	2,580	3.4	9.5
	12	15	-	-	27	10,333	12,917	-	-	13,950	4.09	23,250	6.81	26,738	7.84	1,403	2,004	2,580	3.4	9.5
	12	18*	-	-	30	9,300	13,950	-	-	13,950	4.09	23,250	6.81	26,738	7.84	1,403	2,004	2,580	3.4	9.5
	15	18*	-	-	33	10,568	12,682	-	-	13,950	4.09	23,250	6.81	26,738	7.84	1,403	2,004	2,580	3.4	9.5
9	24*	-	-	33	6,341	16,909	-	-	13,950	4.09	23,250	6.81	26,738	7.84	1,403	2,004	2,580	3.4	9.5	
Three Units	7	7	9	-	23	7,076	7,076	9,098	-	13,950	4.09	23,250	6.81	27,900	8.18	1,301	1,859	2,603	3.7	10.2
	7	9	9	-	25	6,510	8,370	8,370	-	13,950	4.09	23,250	6.81	27,900	8.18	1,301	1,859	2,603	3.7	10.2
	7	7	12	-	26	6,260	6,260	10,731	-	13,950	4.09	23,250	6.81	27,900	8.18	1,301	1,859	2,603	3.7	10.2
	9	9	9	-	27	7,750	7,750	7,750	-	13,950	4.09	23,250	6.81	27,900	8.18	1,301	1,859	2,603	3.7	10.2
	7	9	12	-	28	5,813	7,473	9,964	-	13,950	4.09	23,250	6.81	27,900	8.18	1,301	1,859	2,603	3.7	10.2
	9	9	12	-	30	6,975	6,975	9,300	-	13,950	4.09	23,250	6.81	27,900	8.18	1,301	1,859	2,603	3.7	10.2
	7	9	15	-	31	5,250	6,750	11,250	-	13,950	4.09	23,250	6.81	27,900	8.18	1,301	1,859	2,603	3.7	10.2
	7	12	12	-	31	5,250	9,000	9,000	-	13,950	4.09	23,250	6.81	27,900	8.18	1,301	1,859	2,603	3.7	10.2
	7	7	18*	-	32	5,086	5,086	13,078	-	13,950	4.09	23,250	6.81	27,900	8.18	1,301	1,859	2,603	3.7	10.2
	9	9	15	-	33	6,341	6,341	10,568	-	13,950	4.09	23,250	6.81	27,900	8.18	1,301	1,859	2,603	3.7	10.2
	9	12	12	-	33	6,341	8,455	8,455	-	13,950	4.09	23,250	6.81	27,900	8.18	1,301	1,859	2,603	3.7	10.2

¹Capacity as rated:

0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

³Wiring cable size must comply with the applicable local and national codes.

⁴The specification may be subject to change without prior notice for purpose of improvement.

²Heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

⁵At least two indoor units should be connected.

*The indoor unit must not be a high static ducted or vertical air handling unit.

MULTI F LMU30CHV

MULTI F
MULTI F MAX

Rated Cooling Combination Tables

Table 11: LMU30CHV with Mixed Indoor Units — Rated Cooling Combination Table.

No. of Indoor Units	Indoor Unit Combination (kBtu/h)					Room Capacity				Total Capacity				Input (W)			EER	SEER		
	IDU 1	IDU 2	IDU 3	IDU 4	Total	Unit 1 (Btu/h)	Unit 2 (Btu/h)	Unit 3 (Btu/h)	Unit 4 (Btu/h)	Minimum		Rated		Maximum		Min.			Rated	Max.
										Btu/h	kW	Btu/h	kW	Btu/h	kW					
<i>Mixed Indoor Units</i>																				
Three Units	7	7	9	-	23	6,537	6,537	8,405	-	12,887	3.78	21,478	6.29	24,700	7.24	1,473	2,104	2,946	10.2	17.2
	7	9	9	-	25	6,537	8,405	8,405	-	14,008	4.11	23,346	6.84	26,848	7.87	1,587	2,268	3,175	10.3	17.3
	7	7	12	-	26	6,537	6,537	11,206	-	14,568	4.27	24,280	7.12	27,922	8.18	1,616	2,309	3,232	10.5	17.7
	9	9	9	-	27	8,405	8,405	8,405	-	15,128	4.43	25,214	7.39	28,996	8.50	1,645	2,349	3,289	10.7	18.1
	7	9	12	-	28	6,537	8,405	11,206	-	15,688	4.60	26,147	7.66	30,069	8.81	1,680	2,400	3,361	10.9	18.3
	9	9	12	-	30	8,405	8,405	11,206	-	16,809	4.93	28,015	8.21	32,217	9.44	1,759	2,513	3,518	11.1	18.8
	7	9	15	-	31	6,326	8,133	13,556	-	16,809	4.93	28,015	8.21	32,217	9.44	1,759	2,513	3,518	11.1	18.8
	7	12	12	-	31	6,403	10,977	10,977	-	17,015	4.99	28,358	8.31	32,611	9.56	1,759	2,513	3,518	11.3	19.0
	7	7	18	-	32	6,278	6,278	16,144	-	17,220	5.05	28,700	8.41	33,005	9.67	1,759	2,513	3,518	11.4	19.2
	9	9	15	-	33	7,827	7,827	13,045	-	17,220	5.05	28,700	8.41	33,005	9.67	1,759	2,513	3,518	11.4	19.2
	9	12	12	-	33	7,827	10,436	10,436	-	17,220	5.05	28,700	8.41	33,005	9.67	1,759	2,513	3,518	11.4	19.2
	7	9	18	-	34	5,909	7,597	15,194	-	17,220	5.05	28,700	8.41	33,005	9.67	1,759	2,513	3,518	11.4	19.2
	7	12	15	-	34	5,909	10,129	12,662	-	17,220	5.05	28,700	8.41	33,005	9.67	1,759	2,513	3,518	11.4	19.2
	9	9	18*	-	36	7,175	7,175	14,350	-	17,220	5.05	28,700	8.41	33,005	9.67	1,759	2,513	3,518	11.4	19.2
	9	12	15	-	36	7,175	9,567	11,958	-	17,220	5.05	28,700	8.41	33,005	9.67	1,759	2,513	3,518	11.4	19.2
	12	12	12	-	36	9,567	9,567	9,567	-	17,220	5.05	28,700	8.41	33,005	9.67	1,759	2,513	3,518	11.4	19.2
	7	12	18*	-	37	5,430	9,308	13,962	-	17,220	5.05	28,700	8.41	33,005	9.67	1,759	2,513	3,518	11.4	19.2
	7	7	24*	-	38	5,287	5,287	18,126	-	17,220	5.05	28,700	8.41	33,005	9.67	1,759	2,513	3,518	11.4	19.2
	9	12	18*	-	39	6,623	8,831	13,246	-	17,220	5.05	28,700	8.41	33,005	9.67	1,759	2,513	3,518	11.4	19.2
	9	15	15	-	39	6,623	11,038	11,038	-	17,220	5.05	28,700	8.41	33,005	9.67	1,759	2,513	3,518	11.4	19.2
12	12	15	-	39	8,831	8,831	11,038	-	17,220	5.05	28,700	8.41	33,005	9.67	1,759	2,513	3,518	11.4	19.2	
7	9	24*	-	40	5,023	6,458	17,220	-	17,220	5.05	28,700	8.41	33,005	9.67	1,759	2,513	3,518	11.4	19.2	
7	15	18*	-	40	5,023	10,763	12,915	-	17,220	5.05	28,700	8.41	33,005	9.67	1,759	2,513	3,518	11.4	19.2	
Four Units	7	7	7	9	30	6,537	6,537	6,537	8,405	16,809	4.93	28,015	8.21	33,618	9.85	1,680	2,400	3,361	11.7	19.6
	7	7	9	9	32	6,278	6,278	8,072	8,072	17,220	5.05	28,700	8.41	34,440	10.09	1,680	2,400	3,361	12.0	20.1
	7	7	7	12	33	6,088	6,088	6,088	10,436	17,220	5.05	28,700	8.41	34,440	10.09	1,680	2,400	3,361	12.0	20.1
	7	9	9	9	34	5,909	7,597	7,597	7,597	17,220	5.05	28,700	8.41	34,440	10.09	1,680	2,400	3,361	12.0	20.1
	7	7	9	12	35	5,740	5,740	7,380	9,840	17,220	5.05	28,700	8.41	34,440	10.09	1,680	2,400	3,361	12.0	20.1
	9	9	9	9	36	7,175	7,175	7,175	7,175	17,220	5.05	28,700	8.41	34,440	10.09	1,680	2,400	3,361	12.0	20.1
	7	9	9	12	37	5,430	6,981	6,981	9,308	17,220	5.05	28,700	8.41	34,440	10.09	1,680	2,400	3,361	12.0	20.1
	7	7	9	15	38	5,287	5,287	6,797	11,329	17,220	5.05	28,700	8.41	34,440	10.09	1,680	2,400	3,361	12.0	20.1
	7	7	12	12	38	5,287	5,287	9,063	9,063	17,220	5.05	28,700	8.41	34,440	10.09	1,680	2,400	3,361	12.0	20.1
	7	7	7	18*	39	5,151	5,151	5,151	13,246	17,220	5.05	28,700	8.41	34,440	10.09	1,680	2,400	3,361	12.0	20.1
	9	9	9	12	39	6,623	6,623	6,623	8,831	17,220	5.05	28,700	8.41	34,440	10.09	1,680	2,400	3,361	12.0	20.1
	7	9	9	15	40	5,023	6,458	6,458	10,763	17,220	5.05	28,700	8.41	34,440	10.09	1,680	2,400	3,361	12.0	20.1
	7	9	12	12	40	5,023	6,458	8,610	8,610	17,220	5.05	28,700	8.41	34,440	10.09	1,680	2,400	3,361	12.0	20.1

¹Capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

²Cooling 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).

³Wiring cable size must comply with the applicable local and national codes.

⁴The specification may be subject to change without prior notice for purpose of improvement.

*At least two indoor units should be connected.

*The indoor unit must not be a high static ducted or vertical air handling unit.



Multi F / Multi F MAX Heat Pump System Combination Data Manual

Table 14: LMU30CHV with Mixed Indoor Units — Rated Heating Combination Table.

No. of Indoor Units	Indoor Unit Combination (kBtu/h)					Room Capacity				Total Capacity						Input (W)			COP	HSPF
	IDU 1	IDU 2	IDU 3	IDU 4	Total	Unit 1 (Btu/h)	Unit 2 (Btu/h)	Unit 3 (Btu/h)	Unit 4 (Btu/h)	Minimum		Rated		Maximum		Min.	Rated	Max.		
										Btu/h	kW	Btu/h	kW	Btu/h	kW					
<i>Mixed Indoor Units</i>																				
Three Units	7	7	9	-	23	7,423	7,423	9,544	-	14,634	4.29	24,391	7.15	28,049	8.22	1,587	2,267	3,174	3.2	8.6
	7	9	9	-	25	7,423	9,544	9,544	-	15,907	4.66	26,512	7.77	30,488	8.94	1,697	2,424	3,394	3.2	8.8
	7	7	12	-	26	7,423	7,423	12,726	-	16,543	4.85	27,572	8.08	31,708	9.29	1,724	2,463	3,449	3.3	9.0
	9	9	9	-	27	9,544	9,544	9,544	-	17,180	5.04	28,633	8.39	32,928	9.65	1,752	2,503	3,504	3.4	9.2
	7	9	12	-	28	7,423	9,544	12,726	-	17,816	5.22	29,693	8.70	34,147	10.01	1,786	2,552	3,572	3.4	9.3
	9	9	12	-	30	9,255	9,255	12,340	-	18,510	5.42	30,850	9.04	35,478	10.40	1,862	2,660	3,723	3.4	9.3
	7	9	15	-	31	7,097	9,124	15,207	-	18,857	5.53	31,428	9.21	36,142	10.59	1,862	2,660	3,723	3.5	9.5
	7	12	12	-	31	7,097	12,165	12,165	-	18,857	5.53	31,428	9.21	36,142	10.59	1,862	2,660	3,723	3.5	9.5
	7	7	18	-	32	7,109	7,109	18,281	-	19,500	5.72	32,500	9.53	37,375	10.95	1,862	2,660	3,723	3.6	9.8
	9	9	15	-	33	8,864	8,864	14,773	-	19,500	5.72	32,500	9.53	37,375	10.95	1,862	2,660	3,723	3.6	9.8
	9	12	12	-	33	8,864	11,818	11,818	-	19,500	5.72	32,500	9.53	37,375	10.95	1,862	2,660	3,723	3.6	9.8
	7	9	18	-	34	6,691	8,603	17,206	-	19,500	5.72	32,500	9.53	37,375	10.95	1,862	2,660	3,723	3.6	9.8
	7	12	15	-	34	6,691	11,471	14,338	-	19,500	5.72	32,500	9.53	37,375	10.95	1,862	2,660	3,723	3.6	9.8
	9	9	18*	-	36	8,125	8,125	16,250	-	19,500	5.72	32,500	9.53	37,375	10.95	1,862	2,660	3,723	3.6	9.8
	9	12	15	-	36	8,125	10,833	13,542	-	19,500	5.72	32,500	9.53	37,375	10.95	1,862	2,660	3,723	3.6	9.8
	12	12	12	-	36	10,833	10,833	10,833	-	19,500	5.72	32,500	9.53	37,375	10.95	1,862	2,660	3,723	3.6	9.8
	7	12	18*	-	37	6,149	10,541	15,811	-	19,500	5.72	32,500	9.53	37,375	10.95	1,862	2,660	3,723	3.6	9.8
	7	7	24*	-	38	5,987	5,987	20,526	-	19,500	5.72	32,500	9.53	37,375	10.95	1,862	2,660	3,723	3.6	9.8
	9	12	18*	-	39	7,500	10,000	15,000	-	19,500	5.72	32,500	9.53	37,375	10.95	1,862	2,660	3,723	3.6	9.8
	9	15	15	-	39	7,500	12,500	12,500	-	19,500	5.72	32,500	9.53	37,375	10.95	1,862	2,660	3,723	3.6	9.8
12	12	15	-	39	10,000	10,000	12,500	-	19,500	5.72	32,500	9.53	37,375	10.95	1,862	2,660	3,723	3.6	9.8	
7	9	24*	-	40	5,688	7,313	19,500	-	19,500	5.72	32,500	9.53	37,375	10.95	1,862	2,660	3,723	3.6	9.8	
7	15	18*	-	40	5,688	12,188	14,625	-	19,500	5.72	32,500	9.53	37,375	10.95	1,862	2,660	3,723	3.6	9.8	
Four Units	7	7	7	9	30	7,198	7,198	7,198	9,255	18,510	5.42	30,850	9.04	37,020	10.85	1,848	2,640	3,696	3.4	9.4
	7	7	9	9	32	7,109	7,109	9,141	9,141	19,500	5.72	32,500	9.53	41,600	12.19	1,848	2,640	3,696	3.6	9.9
	7	7	7	12	33	6,894	6,894	6,894	11,818	19,500	5.72	32,500	9.53	41,600	12.19	1,848	2,640	3,696	3.6	9.9
	7	9	9	9	34	6,691	8,603	8,603	8,603	19,500	5.72	32,500	9.53	41,600	12.19	1,848	2,640	3,696	3.6	9.9
	7	7	9	12	35	6,500	6,500	8,357	11,143	19,500	5.72	32,500	9.53	41,600	12.19	1,848	2,640	3,696	3.6	9.9
	9	9	9	9	36	8,125	8,125	8,125	8,125	19,500	5.72	32,500	9.53	41,600	12.19	1,848	2,640	3,696	3.6	9.9
	7	9	9	12	37	6,149	7,905	7,905	10,541	19,500	5.72	32,500	9.53	41,600	12.19	1,848	2,640	3,696	3.6	9.9
	7	7	9	15	38	5,987	5,987	7,697	12,829	19,500	5.72	32,500	9.53	41,600	12.19	1,848	2,640	3,696	3.6	9.9
	7	7	12	12	38	5,987	5,987	10,263	10,263	19,500	5.72	32,500	9.53	41,600	12.19	1,848	2,640	3,696	3.6	9.9
	9	7	7	18*	39	5,833	5,833	5,833	15,000	19,500	5.72	32,500	9.53	41,600	12.19	1,848	2,640	3,696	3.6	9.9
	9	9	9	12	39	7,500	7,500	7,500	10,000	19,500	5.72	32,500	9.53	41,600	12.19	1,848	2,640	3,696	3.6	9.9
	7	9	9	15	40	5,688	7,313	7,313	12,188	19,500	5.72	32,500	9.53	41,600	12.19	1,848	2,640	3,696	3.6	9.9
	7	9	12	12	40	5,688	7,313	9,750	9,750	19,500	5.72	32,500	9.53	41,600	12.19	1,848	2,640	3,696	3.6	9.9

Combination Data

¹Capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.
²Heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

³Wiring cable size must comply with the applicable local and national codes.
⁴The specification may be subject to change without prior notice for purpose of improvement.
⁵At least two indoor units should be connected.
^{*}The indoor unit must not be a high static ducted or vertical air handling unit.

MULTI F LMU36CHV

Rated Cooling Combination Tables

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Table 17: LMU36CHV with Ducted Indoor Units — Rated Cooling Combination Table.

No. of Indoor Units	Indoor Unit Combination (kBtu/h)					Room Capacity				Total Capacity						Input (W)			EER	SEER
	IDU 1	IDU 2	IDU 3	IDU 4	Total	Unit 1 (Btu/h)	Unit 2 (Btu/h)	Unit 3 (Btu/h)	Unit 4 (Btu/h)	Minimum		Rated		Maximum		Min.	Rated	Max.		
										Btu/h	kW	Btu/h	kW	Btu/h	kW					
<i>Ducted Indoor Units</i>																				
Two Units	9	9	-	-	18	7,875	7,875	-	-	9,450	2.8	15,750	4.6	17,483	5.1	1,245	1,779	2,491	8.9	14.6
	9	12	-	-	21	7,875	10,500	-	-	11,025	3.2	18,375	5.4	20,396	6.0	1,426	2,038	2,853	9.0	14.9
	12	12	-	-	24	10,500	10,500	-	-	12,600	3.7	21,000	6.2	23,310	6.8	1,578	2,255	3,157	9.3	15.4
	9	18	-	-	27	7,875	15,750	-	-	14,175	4.2	23,625	6.9	26,224	7.7	1,752	2,503	3,504	9.4	15.6
	12	18	-	-	30	10,500	15,750	-	-	15,750	4.6	26,250	7.7	29,138	8.5	1,904	2,720	3,808	9.6	16.0
	9	24*	-	-	33	7,636	20,364	-	-	16,800	4.9	28,000	8.2	31,080	9.1	1,998	2,855	3,997	9.8	16.2
	18	18	-	-	36	14,000	14,000	-	-	16,800	4.9	28,000	8.2	31,080	9.1	1,998	2,855	3,997	9.8	16.2
	12	24*	-	-	36	9,333	18,667	-	-	16,800	4.9	28,000	8.2	31,080	9.1	1,998	2,855	3,997	9.8	16.2
Three Units	9	9	9	-	27	7,875	7,875	7,875	-	14,175	4.2	23,625	6.9	27,169	8.0	1,665	2,379	3,331	9.9	16.4
	9	9	12	-	30	7,875	7,875	10,500	-	15,750	4.6	26,250	7.7	30,188	8.8	1,781	2,544	3,562	10.3	17.1
	9	12	12	-	33	7,636	10,182	10,182	-	16,800	4.9	28,000	8.2	32,200	9.4	1,868	2,669	3,736	10.5	17.4
	9	9	18	-	36	7,000	7,000	14,000	-	16,800	4.9	28,000	8.2	32,200	9.4	1,868	2,669	3,736	10.5	17.4
	12	12	12	-	36	9,333	9,333	9,333	-	16,800	4.9	28,000	8.2	32,200	9.4	1,868	2,669	3,736	10.5	17.4
	9	12	18	-	39	6,462	8,615	12,923	-	16,800	4.9	28,000	8.2	32,200	9.4	1,868	2,669	3,736	10.5	17.4
	12	12	18	-	42	8,000	8,000	12,000	-	16,800	4.9	28,000	8.2	32,200	9.4	1,868	2,669	3,736	10.5	17.4
	9	18*	18*	-	45	5,600	11,200	11,200	-	16,800	4.9	28,000	8.2	32,200	9.4	1,868	2,669	3,736	10.5	17.4
	12	18*	18*	-	48	7,000	10,500	10,500	-	16,800	4.9	28,000	8.2	32,200	9.4	1,868	2,669	3,736	10.5	17.4
Four Units	9	9	9	9	36	7,000	7,000	7,000	7,000	16,800	4.9	28,000	8.2	33,600	9.8	1,782	2,545	3,564	11.0	18.2
	9	9	9	12	39	6,462	6,462	6,462	8,615	16,800	4.9	28,000	8.2	33,600	9.8	1,782	2,545	3,564	11.0	18.2
	9	9	12	12	42	6,000	6,000	8,000	8,000	16,800	4.9	28,000	8.2	33,600	9.8	1,782	2,545	3,564	11.0	18.2
	9	9	9	18*	45	5,600	5,600	5,600	11,200	16,800	4.9	28,000	8.2	33,600	9.8	1,782	2,545	3,564	11.0	18.2
	9	12	12	12	45	5,600	7,467	7,467	7,467	16,800	4.9	28,000	8.2	33,600	9.8	1,782	2,545	3,564	11.0	18.2
	9	9	12	18*	48	5,250	5,250	7,000	10,500	16,800	4.9	28,000	8.2	33,600	9.8	1,782	2,545	3,564	11.0	18.2
	12	12	12	12	48	7,000	7,000	7,000	7,000	16,800	4.9	28,000	8.2	33,600	9.8	1,782	2,545	3,564	11.0	18.2

¹Capacity as rated:

0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

²Cooling 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).

³Wiring cable size must comply with the applicable local and national codes.

⁴The specification may be subject to change without prior notice for purpose of improvement.

⁵At least two indoor units should be connected.

*The indoor unit must not be a high static ducted or vertical air handling unit.



Multi F / Multi F MAX Heat Pump System Combination Data Manual

MULTI F LMU36CHV

Rated Cooling Combination Tables

MULTI F
MULTI F MAX

Table 19: LMU36CHV with Mixed Indoor Units — Rated Cooling Combination Table.

No. of Indoor Units	Indoor Unit Combination (kBtu/h)					Room Capacity				Total Capacity						Input (W)			EER	SEER
	IDU 1	IDU 2	IDU 3	IDU 4	Total	Unit 1 (Btu/h)	Unit 2 (Btu/h)	Unit 3 (Btu/h)	Unit 4 (Btu/h)	Minimum		Rated		Maximum		Min.	Rated	Max.		
										Btu/h	kW	Btu/h	kW	Btu/h	kW					
<i>Mixed Indoor Units</i>																				
Three Units	12	15	18*	-	45	8,000	10,000	12,000	-	18,000	5.3	30,000	8.8	34,500	10.1	1,837	2,624	3,674	11.4	19.2
	7	15	24*	-	46	4,565	9,783	15,652	-	18,000	5.3	30,000	8.8	34,500	10.1	1,837	2,624	3,674	11.4	19.2
	9	15	24*	-	48	5,625	9,375	15,000	-	18,000	5.3	30,000	8.8	34,500	10.1	1,837	2,624	3,674	11.4	19.2
	12	12	24*	-	48	7,500	7,500	15,000	-	18,000	5.3	30,000	8.8	34,500	10.1	1,837	2,624	3,674	11.4	19.2
	12	18*	18*	-	48	7,500	11,250	11,250	-	18,000	5.3	30,000	8.8	34,500	10.1	1,837	2,624	3,674	11.4	19.2
	15	15	18*	-	48	9,375	9,375	11,250	-	18,000	5.3	30,000	8.8	34,500	10.1	1,837	2,624	3,674	11.4	19.2
Four Units	7	7	7	9	30	6,563	6,563	6,563	8,438	16,875	4.9	28,125	8.2	33,750	9.9	1,673	2,390	3,346	11.8	19.7
	7	7	9	9	32	6,563	6,563	8,438	8,438	18,000	5.3	30,000	8.8	36,000	10.6	1,752	2,503	3,505	12.0	20.1
	7	7	7	12	33	6,364	6,364	6,364	10,909	18,000	5.3	30,000	8.8	36,000	10.6	1,752	2,503	3,505	12.0	20.1
	7	9	9	9	34	6,176	7,941	7,941	7,941	18,000	5.3	30,000	8.8	36,000	10.6	1,752	2,503	3,505	12.0	20.1
	7	7	9	12	35	6,000	6,000	7,714	10,286	18,000	5.3	30,000	8.8	36,000	10.6	1,752	2,503	3,505	12.0	20.1
	9	9	9	9	36	7,500	7,500	7,500	7,500	18,000	5.3	30,000	8.8	36,000	10.6	1,752	2,503	3,505	12.0	20.1
	7	9	9	12	37	5,676	7,297	7,297	9,730	18,000	5.3	30,000	8.8	36,000	10.6	1,752	2,503	3,505	12.0	20.1
	7	7	9	15	38	5,526	5,526	7,105	11,842	18,000	5.3	30,000	8.8	36,000	10.6	1,752	2,503	3,505	12.0	20.1
	7	7	12	12	38	5,526	5,526	9,474	9,474	18,000	5.3	30,000	8.8	36,000	10.6	1,752	2,503	3,505	12.0	20.1
	7	7	7	18	39	5,385	5,385	5,385	13,846	18,000	5.3	30,000	8.8	36,000	10.6	1,752	2,503	3,505	12.0	20.1
	9	9	9	12	39	6,923	6,923	6,923	9,231	18,000	5.3	30,000	8.8	36,000	10.6	1,752	2,503	3,505	12.0	20.1
	7	9	9	15	40	5,250	6,750	6,750	11,250	18,000	5.3	30,000	8.8	36,000	10.6	1,752	2,503	3,505	12.0	20.1
	7	9	12	12	40	5,250	6,750	9,000	9,000	18,000	5.3	30,000	8.8	36,000	10.6	1,752	2,503	3,505	12.0	20.1
	7	7	9	18	41	5,122	5,122	6,585	13,171	18,000	5.3	30,000	8.8	36,000	10.6	1,752	2,503	3,505	12.0	20.1
	7	7	12	15	41	5,122	5,122	8,780	10,976	18,000	5.3	30,000	8.8	36,000	10.6	1,752	2,503	3,505	12.0	20.1
	9	9	9	15	42	6,429	6,429	6,429	10,714	18,000	5.3	30,000	8.8	36,000	10.6	1,752	2,503	3,505	12.0	20.1
	9	9	12	12	42	6,429	6,429	8,571	8,571	18,000	5.3	30,000	8.8	36,000	10.6	1,752	2,503	3,505	12.0	20.1
	7	9	9	18*	43	4,884	6,279	6,279	12,558	18,000	5.3	30,000	8.8	36,000	10.6	1,752	2,503	3,505	12.0	20.1
	7	9	12	15	43	4,884	6,279	8,372	10,465	18,000	5.3	30,000	8.8	36,000	10.6	1,752	2,503	3,505	12.0	20.1
	7	12	12	12	43	4,884	8,372	8,372	8,372	18,000	5.3	30,000	8.8	36,000	10.6	1,752	2,503	3,505	12.0	20.1
	7	7	12	18*	44	4,773	4,773	8,182	12,273	18,000	5.3	30,000	8.8	36,000	10.6	1,752	2,503	3,505	12.0	20.1
	7	7	7	24*	45	4,667	4,667	4,667	16,000	18,000	5.3	30,000	8.8	36,000	10.6	1,752	2,503	3,505	12.0	20.1
	9	9	9	18*	45	6,000	6,000	6,000	12,000	18,000	5.3	30,000	8.8	36,000	10.6	1,752	2,503	3,505	12.0	20.1
	9	9	12	15	45	6,000	6,000	8,000	10,000	18,000	5.3	30,000	8.8	36,000	10.6	1,752	2,503	3,505	12.0	20.1
	9	12	12	12	45	6,000	8,000	8,000	8,000	18,000	5.3	30,000	8.8	36,000	10.6	1,752	2,503	3,505	12.0	20.1
	7	9	12	18*	46	4,565	5,870	7,826	11,739	18,000	5.3	30,000	8.8	36,000	10.6	1,752	2,503	3,505	12.0	20.1
	7	9	15	15	46	4,565	5,870	9,783	9,783	18,000	5.3	30,000	8.8	36,000	10.6	1,752	2,503	3,505	12.0	20.1
	7	12	12	15	46	4,565	7,826	7,826	9,783	18,000	5.3	30,000	8.8	36,000	10.6	1,752	2,503	3,505	12.0	20.1
7	7	9	24*	47	4,468	4,468	5,745	15,319	18,000	5.3	30,000	8.8	36,000	10.6	1,752	2,503	3,505	12.0	20.1	
7	7	15	18*	47	4,468	4,468	9,574	11,489	18,000	5.3	30,000	8.8	36,000	10.6	1,752	2,503	3,505	12.0	20.1	
9	9	12	18*	48	5,625	5,625	7,500	11,250	18,000	5.3	30,000	8.8	36,000	10.6	1,752	2,503	3,505	12.0	20.1	
9	9	15	15	48	5,625	5,625	9,375	9,375	18,000	5.3	30,000	8.8	36,000	10.6	1,752	2,503	3,505	12.0	20.1	
12	12	12	12	48	7,500	7,500	7,500	7,500	18,000	5.3	30,000	8.8	36,000	10.6	1,752	2,503	3,505	12.0	20.1	

¹Capacity as rated:

0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

⁴The specification may be subject to change without prior notice for purpose of improvement.

²Cooling 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).

⁵At least two indoor units should be connected.

⁶The indoor unit must not be a high static ducted or vertical air handling unit.

³Wiring cable size must comply with the applicable local and national codes.



Multi F / Multi F MAX Heat Pump System Combination Data Manual

Table 22: LMU36CHV with Ducted Indoor Units — Rated Heating Combination Table.

No. of Indoor Units	Indoor Unit Combination (kBtu/h)					Room Capacity				Total Capacity						Input (W)			COP	HSPF
	IDU 1	IDU 2	IDU 3	IDU 4	Total	Unit 1 (Btu/h)	Unit 2 (Btu/h)	Unit 3 (Btu/h)	Unit 4 (Btu/h)	Minimum		Rated		Maximum		Min.	Rated	Max.		
										Btu/h	kW	Btu/h	kW	Btu/h	kW					
<i>Ducted Indoor Units</i>																				
Two Units	9	9	-	-	18	9,350	9,350	-	-	11,220	3.3	18,700	5.5	20,570	6.0	1,426	2,037	2,852	2.7	7.4
	9	12	-	-	21	9,350	12,467	-	-	13,090	3.8	21,817	6.4	23,998	7.0	1,607	2,295	3,213	2.8	7.7
	12	12	-	-	24	12,467	12,467	-	-	14,960	4.4	24,933	7.3	27,427	8.0	1,759	2,512	3,517	2.9	8.0
	9	18	-	-	27	9,350	18,700	-	-	16,830	4.9	28,050	8.2	30,855	9.0	1,932	2,761	3,865	3.0	8.2
	12	18	-	-	30	12,467	18,700	-	-	18,700	5.5	31,167	9.1	34,283	10.0	2,084	2,978	4,169	3.1	8.5
	9	24*	-	-	33	9,273	24,727	-	-	20,400	6.0	34,000	10.0	37,400	11.0	2,179	3,112	4,357	3.2	8.8
	18	18	-	-	36	17,000	17,000	-	-	20,400	6.0	34,000	10.0	37,400	11.0	2,179	3,112	4,357	3.2	8.8
Three Units	12	24*	-	-	36	11,333	22,667	-	-	20,400	6.0	34,000	10.0	37,400	11.0	2,179	3,112	4,357	3.2	8.8
	9	9	9	-	27	9,350	9,350	9,350	-	16,830	4.9	28,050	8.2	32,258	9.5	1,846	2,637	3,691	3.1	8.6
	9	9	12	-	30	9,350	9,350	12,467	-	18,700	5.5	31,167	9.1	35,842	10.5	1,961	2,802	3,923	3.3	9.0
	9	12	12	-	33	9,273	12,364	12,364	-	20,400	6.0	34,000	10.0	39,100	11.5	2,048	2,926	4,096	3.4	9.4
	9	9	18	-	36	8,500	8,500	17,000	-	20,400	6.0	34,000	10.0	39,100	11.5	2,048	2,926	4,096	3.4	9.4
	12	12	12	-	36	11,333	11,333	11,333	-	20,400	6.0	34,000	10.0	39,100	11.5	2,048	2,926	4,096	3.4	9.4
	9	12	18	-	39	7,846	10,462	15,692	-	20,400	6.0	34,000	10.0	39,100	11.5	2,048	2,926	4,096	3.4	9.4
	12	12	18	-	42	9,714	9,714	14,571	-	20,400	6.0	34,000	10.0	39,100	11.5	2,048	2,926	4,096	3.4	9.4
	9	18*	18*	-	45	6,800	13,600	13,600	-	20,400	6.0	34,000	10.0	39,100	11.5	2,048	2,926	4,096	3.4	9.4
Four Units	12	18*	18*	-	48	8,500	12,750	12,750	-	20,400	6.0	34,000	10.0	39,100	11.5	2,048	2,926	4,096	3.4	9.4
	9	9	9	9	36	8,500	8,500	8,500	8,500	20,400	6.0	34,000	10.0	41,600	12.2	1,983	2,833	3,966	3.5	9.7
	9	9	9	12	39	7,846	7,846	7,846	10,462	20,400	6.0	34,000	10.0	41,600	12.2	1,983	2,833	3,966	3.5	9.7
	9	9	12	12	42	7,286	7,286	9,714	9,714	20,400	6.0	34,000	10.0	41,600	12.2	1,983	2,833	3,966	3.5	9.7
	9	9	9	18*	45	6,800	6,800	6,800	13,600	20,400	6.0	34,000	10.0	41,600	12.2	1,983	2,833	3,966	3.5	9.7
	9	12	12	12	45	6,800	9,067	9,067	9,067	20,400	6.0	34,000	10.0	41,600	12.2	1,983	2,833	3,966	3.5	9.7
	9	9	12	18*	48	6,375	6,375	8,500	12,750	20,400	6.0	34,000	10.0	41,600	12.2	1,983	2,833	3,966	3.5	9.7
12	12	12	12	48	8,500	8,500	8,500	8,500	20,400	6.0	34,000	10.0	41,600	12.2	1,983	2,833	3,966	3.5	9.7	

Combination Data

¹Capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

²Heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

³Wiring cable size must comply with the applicable local and national codes.

⁴The specification may be subject to change without prior notice for purpose of improvement.

⁵At least two indoor units should be connected.

*The indoor unit must not be a high static ducted or vertical air handling unit.



MULTI F MAX LMU480HV

Rated Cooling Combination Tables

MULTI F
MULTI F MAX

The individual indoor unit capacity can be calculated based on the outdoor unit Rated capacity as follows.¹

$$\text{Individual Indoor Unit Combination Capacity (Qidu [Comb])} = \frac{\text{Outdoor Unit Rated Capacity (Qodu [Rated])} \times \text{Individual Indoor Unit Rated Capacity (Qidu [Rated])}{\text{Total Connected Indoor Unit Rated Capacity } (\sum \text{Qidu [Rated]})}$$

¹To calculate the individual IDU capacity based on ODU Corrected capacity, replace (Qodu [Rated]) with (Qodu [Corrected]) where (Qodu [Corrected]) is obtained from the capacity tables referencing design conditions.

Table 25: LMU480HV with Non-Ducted Indoor Units — Rated Cooling Combination Table.

Total Indoor Unit Capacity (kBtu/h)	Cooling Capacity						Input (W)			EER	SEER
	Minimum		Rated		Maximum		Minimum	Rated	Maximum		
	Btu/h	kW	Btu/h	kW	Btu/h	kW					
24	14,400	4.22	24,000	7.03	26,400	7.74	968	1,500	1,800	16.0	21.0
25	15,000	4.40	25,000	7.33	27,500	8.06	1,031	1,598	1,917	15.6	20.9
26	15,600	4.57	26,000	7.62	28,600	8.38	1,094	1,695	2,034	15.3	20.9
27	16,200	4.75	27,000	7.91	29,700	8.70	1,156	1,793	2,151	15.1	20.8
28	16,800	4.92	28,000	8.21	30,800	9.03	1,219	1,890	2,268	14.8	20.8
29	17,400	5.10	29,000	8.50	31,900	9.35	1,282	1,988	2,385	14.6	20.7
30	18,000	5.28	30,000	8.79	33,000	9.67	1,345	2,085	2,502	14.4	20.6
31	18,600	5.45	31,000	9.09	34,100	9.99	1,408	2,183	2,619	14.2	20.6
32	19,200	5.63	32,000	9.38	35,200	10.32	1,471	2,280	2,736	14.0	20.5
33	19,800	5.80	33,000	9.67	36,300	10.64	1,534	2,378	2,853	13.9	20.4
34	20,400	5.98	34,000	9.96	37,400	10.96	1,597	2,475	2,970	13.7	20.4
35	21,000	6.15	35,000	10.26	38,500	11.28	1,660	2,573	3,087	13.6	20.3
36	21,600	6.33	36,000	10.55	39,600	11.61	1,723	2,670	3,204	13.5	20.3
37	22,200	6.51	37,000	10.84	40,700	11.93	1,785	2,768	3,321	13.4	20.2
38	22,800	6.68	38,000	11.14	41,800	12.25	1,848	2,865	3,438	13.3	20.1
39	23,400	6.86	39,000	11.43	42,900	12.57	1,911	2,963	3,555	13.2	20.1
40	24,000	7.03	40,000	11.72	44,000	12.90	1,974	3,060	3,672	13.1	20.0
41	24,600	7.21	41,000	12.02	45,100	13.22	2,037	3,158	3,789	13.0	19.9
42	25,200	7.39	42,000	12.31	46,200	13.54	2,100	3,255	3,906	12.9	19.9
43	25,800	7.56	43,000	12.60	47,300	13.86	2,163	3,353	4,023	12.8	19.8
44	26,400	7.74	44,000	12.90	48,400	14.19	2,226	3,450	4,140	12.8	19.8
45	27,000	7.91	45,000	13.19	49,500	14.51	2,289	3,548	4,257	12.7	19.7
46	27,600	8.09	46,000	13.48	50,600	14.83	2,352	3,645	4,374	12.6	19.6
47	28,200	8.26	47,000	13.77	51,700	15.15	2,415	3,743	4,491	12.6	19.6
48	28,800	8.44	48,000	14.07	52,800	15.47	2,477	3,840	4,608	12.5	19.5
49	28,967	8.49	48,278	14.15	53,106	15.56	2,512	3,894	4,673	12.4	19.3
50	29,134	8.54	48,556	14.23	53,412	15.65	2,547	3,948	4,738	12.3	19.2
51	29,301	8.59	48,834	14.31	53,718	15.74	2,582	4,002	4,803	12.2	19.0
52	29,467	8.64	49,112	14.39	54,024	15.83	2,617	4,056	4,868	12.1	18.9
53	29,634	8.69	49,390	14.48	54,329	15.92	2,652	4,111	4,933	12.0	18.7
54	29,801	8.73	49,668	14.56	54,635	16.01	2,687	4,165	4,998	11.9	18.6
55	29,968	8.78	49,947	14.64	54,941	16.10	2,722	4,219	5,063	11.8	18.5
56	30,135	8.83	50,225	14.72	55,247	16.19	2,757	4,273	5,128	11.8	18.3
57	30,302	8.88	50,503	14.80	55,553	16.28	2,792	4,327	5,192	11.7	18.2
58	30,468	8.93	50,781	14.88	55,859	16.37	2,827	4,381	5,257	11.6	18.1
59	30,635	8.98	51,059	14.96	56,165	16.46	2,861	4,435	5,322	11.5	18.0
60	30,802	9.03	51,337	15.05	56,471	16.55	2,896	4,489	5,387	11.4	17.8
61	30,969	9.08	51,615	15.13	56,776	16.64	2,931	4,544	5,452	11.4	17.7
62	31,136	9.13	51,893	15.21	57,082	16.73	2,966	4,598	5,517	11.3	17.6
63	31,303	9.17	52,171	15.29	57,388	16.82	3,001	4,652	5,582	11.2	17.5
64	31,470	9.22	52,449	15.37	57,694	16.91	3,036	4,706	5,647	11.1	17.4
65	31,636	9.27	52,727	15.45	58,000	17.00	3,071	4,760	5,712	11.1	17.3

¹Capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

²Cooling 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).

³Wiring cable size must comply with the applicable local and national codes.

⁴The specification may be subject to change without prior notice for purpose of improvement.

⁵Sum of connected indoor units capacity is 21–65 kBtu/h.

⁶At least two indoor units should be connected.



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Table 26: LMU480HV with Ducted Indoor Units — Rated Cooling Combination Table.

Total Indoor Unit Capacity (kBtu/h)	Cooling Capacity						Input (W)			EER	SEER
	Minimum		Rated		Maximum		Minimum	Rated	Maximum		
	Btu/h	kW	Btu/h	kW	Btu/h	kW					
24	13,200	3.87	22,000	6.45	24,200	7.09	935	1,450	1,740	15.2	20.0
25	13,750	4.03	22,917	6.72	25,208	7.39	1,006	1,559	1,871	14.7	19.9
26	14,300	4.19	23,833	6.99	26,217	7.68	1,077	1,669	2,002	14.3	19.8
27	14,850	4.35	24,750	7.25	27,225	7.98	1,147	1,778	2,134	13.9	19.7
28	15,400	4.51	25,667	7.52	28,233	8.27	1,218	1,887	2,265	13.6	19.6
29	15,950	4.67	26,583	7.79	29,242	8.57	1,288	1,997	2,396	13.3	19.5
30	16,500	4.84	27,500	8.06	30,250	8.87	1,359	2,106	2,527	13.1	19.4
31	17,050	5.00	28,417	8.33	31,258	9.16	1,429	2,215	2,658	12.8	19.3
32	17,600	5.16	29,333	8.60	32,267	9.46	1,500	2,325	2,790	12.6	19.2
33	18,150	5.32	30,250	8.87	33,275	9.75	1,570	2,434	2,921	12.4	19.1
34	18,700	5.48	31,167	9.13	34,283	10.05	1,641	2,543	3,052	12.3	19.0
35	19,250	5.64	32,083	9.40	35,292	10.34	1,711	2,653	3,183	12.1	18.9
36	19,800	5.80	33,000	9.67	36,300	10.64	1,782	2,762	3,314	11.9	18.8
37	20,350	5.96	33,917	9.94	37,308	10.93	1,852	2,871	3,446	11.8	18.6
38	20,900	6.13	34,833	10.21	38,317	11.23	1,923	2,981	3,577	11.7	18.5
39	21,450	6.29	35,750	10.48	39,325	11.53	1,994	3,090	3,708	11.6	18.4
40	22,000	6.45	36,667	10.75	40,333	11.82	2,064	3,199	3,839	11.5	18.3
41	22,550	6.61	37,583	11.02	41,342	12.12	2,135	3,309	3,970	11.4	18.2
42	23,100	6.77	38,500	11.28	42,350	12.41	2,205	3,418	4,102	11.3	18.1
43	23,650	6.93	39,417	11.55	43,358	12.71	2,276	3,527	4,233	11.2	18.0
44	24,200	7.09	40,333	11.82	44,367	13.00	2,346	3,637	4,364	11.1	17.9
45	24,750	7.25	41,250	12.09	45,375	13.30	2,417	3,746	4,495	11.0	17.8
46	25,300	7.42	42,167	12.36	46,383	13.59	2,487	3,855	4,626	10.9	17.7
47	25,850	7.58	43,083	12.63	47,392	13.89	2,558	3,965	4,758	10.9	17.6
48	26,400	7.74	44,000	12.90	48,400	14.19	2,628	4,074	4,889	10.8	17.5
49	26,553	7.78	44,255	12.97	48,680	14.27	2,665	4,131	4,958	10.7	17.4
50	26,706	7.83	44,510	13.05	48,961	14.35	2,702	4,189	5,027	10.6	17.2
51	26,859	7.87	44,765	13.12	49,241	14.43	2,740	4,246	5,095	10.5	17.1
52	27,012	7.92	45,020	13.19	49,522	14.51	2,777	4,304	5,164	10.5	17.0
53	27,165	7.96	45,275	13.27	49,802	14.60	2,814	4,361	5,233	10.4	16.8
54	27,318	8.01	45,529	13.34	50,082	14.68	2,851	4,418	5,302	10.3	16.7
55	27,471	8.05	45,784	13.42	50,363	14.76	2,888	4,476	5,371	10.2	16.6
56	27,624	8.10	46,039	13.49	50,643	14.84	2,925	4,533	5,440	10.2	16.5
57	27,776	8.14	46,294	13.57	50,924	14.92	2,962	4,591	5,509	10.1	16.3
58	27,929	8.19	46,549	13.64	51,204	15.01	2,999	4,648	5,578	10.0	16.2
59	28,082	8.23	46,804	13.72	51,484	15.09	3,036	4,706	5,647	9.9	16.1
60	28,235	8.28	47,059	13.79	51,765	15.17	3,073	4,763	5,716	9.9	16.0
61	28,388	8.32	47,314	13.87	52,045	15.25	3,110	4,820	5,784	9.8	15.9
62	28,541	8.36	47,569	13.94	52,325	15.34	3,147	4,878	5,853	9.8	15.8
63	28,694	8.41	47,824	14.02	52,606	15.42	3,184	4,935	5,922	9.7	15.7
64	28,847	8.45	48,078	14.09	52,886	15.50	3,221	4,993	5,991	9.6	15.6
65	29,000	8.50	48,333	14.17	53,167	15.58	3,258	5,050	6,060	9.6	15.5

Combination Data

¹Capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

²Cooling 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).

³Wiring cable size must comply with the applicable local and national codes.

⁴The specification may be subject to change without prior notice for purpose of improvement.

⁵Sum of connected indoor units capacity is 21–65 kBtu/h.

⁶At least two indoor units should be connected.

MULTI F MAX LMU480HV

Rated Cooling Combination Tables

MULTI F
MULTI F MAX

Table 27: LMU480HV with Mixed Indoor Units — Rated Cooling Combination Table.

Total Indoor Unit Capacity (kBtu/h)	Cooling Capacity						Input (W)			EER	SEER
	Minimum		Rated		Maximum		Minimum	Rated	Maximum		
	Btu/h	kW	Btu/h	kW	Btu/h	kW					
24	13,800	4.04	23,000	6.74	25,300	7.42	952	1,475	1,770	15.6	20.5
25	14,375	4.21	23,958	7.02	26,354	7.72	1,018	1,578	1,894	15.2	20.4
26	14,950	4.38	24,917	7.30	27,408	8.03	1,085	1,682	2,018	14.8	20.3
27	15,525	4.55	25,875	7.58	28,463	8.34	1,152	1,785	2,142	14.5	20.3
28	16,100	4.72	26,833	7.86	29,517	8.65	1,218	1,889	2,266	14.2	20.2
29	16,675	4.89	27,792	8.15	30,571	8.96	1,285	1,992	2,391	14.0	20.1
30	17,250	5.06	28,750	8.43	31,625	9.27	1,352	2,096	2,515	13.7	20.0
31	17,825	5.22	29,708	8.71	32,679	9.58	1,419	2,199	2,639	13.5	19.9
32	18,400	5.39	30,667	8.99	33,733	9.89	1,485	2,302	2,763	13.3	19.8
33	18,975	5.56	31,625	9.27	34,788	10.20	1,552	2,406	2,887	13.1	19.8
34	19,550	5.73	32,583	9.55	35,842	10.50	1,619	2,509	3,011	13.0	19.7
35	20,125	5.90	33,542	9.83	36,896	10.81	1,686	2,613	3,135	12.8	19.6
36	20,700	6.07	34,500	10.11	37,950	11.12	1,752	2,716	3,259	12.7	19.5
37	21,275	6.24	35,458	10.39	39,004	11.43	1,819	2,819	3,383	12.6	19.4
38	21,850	6.40	36,417	10.67	40,058	11.74	1,886	2,923	3,507	12.5	19.3
39	22,425	6.57	37,375	10.95	41,113	12.05	1,952	3,026	3,632	12.4	19.3
40	23,000	6.74	38,333	11.23	42,167	12.36	2,019	3,130	3,756	12.2	19.2
41	23,575	6.91	39,292	11.52	43,221	12.67	2,086	3,233	3,880	12.2	19.1
42	24,150	7.08	40,250	11.80	44,275	12.98	2,153	3,337	4,004	12.1	19.0
43	24,725	7.25	41,208	12.08	45,329	13.29	2,219	3,440	4,128	12.0	18.9
44	25,300	7.42	42,167	12.36	46,383	13.59	2,286	3,543	4,252	11.9	18.8
45	25,875	7.58	43,125	12.64	47,438	13.90	2,353	3,647	4,376	11.8	18.8
46	26,450	7.75	44,083	12.92	48,492	14.21	2,419	3,750	4,500	11.8	18.7
47	27,025	7.92	45,042	13.20	49,546	14.52	2,486	3,854	4,624	11.7	18.6
48	27,600	8.09	46,000	13.48	50,600	14.83	2,553	3,957	4,748	11.6	18.5
49	27,760	8.14	46,266	13.56	50,893	14.92	2,589	4,013	4,815	11.5	18.3
50	27,920	8.18	46,533	13.64	51,186	15.00	2,625	4,069	4,882	11.4	18.2
51	28,080	8.23	46,799	13.72	51,479	15.09	2,661	4,124	4,949	11.3	18.1
52	28,240	8.28	47,066	13.79	51,773	15.17	2,697	4,180	5,016	11.3	17.9
53	28,399	8.32	47,332	13.87	52,066	15.26	2,733	4,236	5,083	11.2	17.8
54	28,559	8.37	47,599	13.95	52,359	15.35	2,769	4,292	5,150	11.1	17.7
55	28,719	8.42	47,865	14.03	52,652	15.43	2,805	4,347	5,217	11.0	17.5
56	28,879	8.46	48,132	14.11	52,945	15.52	2,841	4,403	5,284	10.9	17.4
57	29,039	8.51	48,398	14.18	53,238	15.60	2,877	4,459	5,351	10.9	17.3
58	29,199	8.56	48,665	14.26	53,531	15.69	2,913	4,515	5,418	10.8	17.2
59	29,359	8.60	48,931	14.34	53,825	15.78	2,949	4,570	5,485	10.7	17.0
60	29,519	8.65	49,198	14.42	54,118	15.86	2,985	4,626	5,551	10.6	16.9
61	29,679	8.70	49,464	14.50	54,411	15.95	3,021	4,682	5,618	10.6	16.8
62	29,839	8.75	49,731	14.58	54,704	16.03	3,057	4,738	5,685	10.5	16.7
63	29,998	8.79	49,997	14.65	54,997	16.12	3,093	4,793	5,752	10.4	16.6
64	30,158	8.84	50,264	14.73	55,290	16.20	3,129	4,849	5,819	10.4	16.5
65	30,318	8.89	50,530	14.81	55,583	16.29	3,165	4,905	5,886	10.3	16.4

¹Capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

²Cooling 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).

³Wiring cable size must comply with the applicable local and national codes.

⁴The specification may be subject to change without prior notice for purpose of improvement.

⁵Sum of connected indoor units capacity is 21–65 kBtu/h.

⁶At least two indoor units should be connected.

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Table 28: LMU480HV with Non-Ducted Indoor Units — Rated Heating Combination Table.

Total Indoor Unit Capacity (kBtu/h)	Heating Capacity						Input (W)			COP	HSPF
	Minimum		Rated		Maximum		Minimum	Rated	Maximum		
	Btu/h	kW	Btu/h	kW	Btu/h	kW					
24	15,840	4.64	26,400	7.74	27,720	8.12	1,419	2,200	2,640	3.5	11.0
25	16,500	4.84	27,500	8.06	28,875	8.46	1,476	2,288	2,746	3.5	11.0
26	17,160	5.03	28,600	8.38	30,030	8.80	1,533	2,377	2,852	3.5	10.9
27	17,820	5.22	29,700	8.70	31,185	9.14	1,590	2,465	2,958	3.5	10.9
28	18,480	5.42	30,800	9.03	32,340	9.48	1,647	2,553	3,064	3.5	10.8
29	19,140	5.61	31,900	9.35	33,495	9.82	1,704	2,642	3,170	3.5	10.8
30	19,800	5.80	33,000	9.67	34,650	10.16	1,761	2,730	3,276	3.5	10.8
31	20,460	6.00	34,100	9.99	35,805	10.49	1,818	2,818	3,382	3.5	10.7
32	21,120	6.19	35,200	10.32	36,960	10.83	1,875	2,907	3,488	3.5	10.7
33	21,780	6.38	36,300	10.64	38,115	11.17	1,932	2,995	3,594	3.6	10.6
34	22,440	6.58	37,400	10.96	39,270	11.51	1,989	3,083	3,700	3.6	10.6
35	23,100	6.77	38,500	11.28	40,425	11.85	2,046	3,172	3,806	3.6	10.5
36	23,760	6.96	39,600	11.61	41,580	12.19	2,103	3,260	3,912	3.6	10.5
37	24,420	7.16	40,700	11.93	42,735	12.52	2,160	3,348	4,018	3.6	10.5
38	25,080	7.35	41,800	12.25	43,890	12.86	2,217	3,437	4,124	3.6	10.4
39	25,740	7.54	42,900	12.57	45,045	13.20	2,274	3,525	4,230	3.6	10.4
40	26,400	7.74	44,000	12.90	46,200	13.54	2,331	3,613	4,336	3.6	10.3
41	27,060	7.93	45,100	13.22	47,355	13.88	2,388	3,702	4,442	3.6	10.3
42	27,720	8.12	46,200	13.54	48,510	14.22	2,445	3,790	4,548	3.6	10.3
43	28,380	8.32	47,300	13.86	49,665	14.56	2,502	3,878	4,654	3.6	10.2
44	29,040	8.51	48,400	14.19	50,820	14.89	2,559	3,967	4,760	3.6	10.2
45	29,700	8.70	49,500	14.51	51,975	15.23	2,616	4,055	4,866	3.6	10.1
46	30,360	8.90	50,600	14.83	53,130	15.57	2,673	4,143	4,972	3.6	10.1
47	31,020	9.09	51,700	15.15	54,285	15.91	2,730	4,232	5,078	3.6	10.0
48	32,400	9.50	54,000	15.83	56,700	16.62	2,787	4,320	5,184	3.7	10.0
49	32,588	9.55	54,313	15.92	56,953	16.69	2,819	4,369	5,233	3.6	10.0
50	32,775	9.61	54,626	16.01	57,206	16.77	2,850	4,418	5,282	3.6	9.9
51	32,963	9.66	54,939	16.10	57,459	16.84	2,882	4,466	5,332	3.6	9.8
52	33,151	9.72	55,251	16.19	57,712	16.91	2,913	4,515	5,381	3.6	9.8
53	33,339	9.77	55,564	16.28	57,965	16.99	2,945	4,564	5,430	3.6	9.7
54	33,526	9.83	55,877	16.38	58,218	17.06	2,976	4,613	5,479	3.6	9.7
55	33,714	9.88	56,190	16.47	58,471	17.14	3,008	4,662	5,528	3.5	9.7
56	33,902	9.94	56,503	16.56	58,724	17.21	3,039	4,711	5,577	3.5	9.6
57	34,089	9.99	56,816	16.65	58,976	17.29	3,071	4,759	5,627	3.5	9.6
58	34,277	10.05	57,128	16.74	59,229	17.36	3,102	4,808	5,676	3.5	9.5
59	34,465	10.10	57,441	16.84	59,482	17.43	3,134	4,857	5,725	3.5	9.5
60	34,652	10.16	57,754	16.93	59,735	17.51	3,165	4,906	5,774	3.5	9.4
61	34,840	10.21	58,067	17.02	59,988	17.58	3,197	4,955	5,823	3.4	9.4
62	35,028	10.27	58,380	17.11	60,241	17.66	3,228	5,004	5,872	3.4	9.3
63	35,216	10.32	58,693	17.20	60,494	17.73	3,260	5,052	5,922	3.4	9.3
64	35,403	10.38	59,005	17.29	60,747	17.80	3,291	5,101	5,971	3.4	9.3
65	35,591	10.43	59,318	17.39	61,000	17.88	3,323	5,150	6,020	3.4	9.2

Combination Data

¹Capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

²Heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

³Wiring cable size must comply with the applicable local and national codes.

⁴The specification may be subject to change without prior notice for purpose of improvement.

⁵Sum of connected indoor units capacity is 21–65 kBtu/h.

⁶At least two indoor units should be connected.

MULTI F MAX LMU480HV

Rated Heating Combination Tables



Table 29: LMU480HV with Ducted Indoor Units — Rated Heating Combination Table.

Total Indoor Unit Capacity (kBtu/h)	Heating Capacity						Input (W)			COP	HSPF
	Minimum		Rated		Maximum		Minimum	Rated	Maximum		
	Btu/h	kW	Btu/h	kW	Btu/h	kW					
24	14,667	4.30	24,444	7.16	25,667	7.52	1,379	2,138	2,566	3.4	10.7
25	15,278	4.48	25,463	7.46	26,736	7.84	1,443	2,237	2,684	3.3	10.6
26	15,889	4.66	26,481	7.76	27,806	8.15	1,507	2,335	2,802	3.3	10.6
27	16,500	4.84	27,500	8.06	28,875	8.46	1,570	2,434	2,921	3.3	10.5
28	17,111	5.01	28,519	8.36	29,944	8.78	1,634	2,532	3,039	3.3	10.5
29	17,722	5.19	29,537	8.66	31,014	9.09	1,697	2,631	3,157	3.3	10.5
30	18,333	5.37	30,556	8.96	32,083	9.40	1,761	2,730	3,275	3.3	10.4
31	18,944	5.55	31,574	9.25	33,153	9.72	1,825	2,828	3,394	3.3	10.4
32	19,556	5.73	32,593	9.55	34,222	10.03	1,888	2,927	3,512	3.3	10.3
33	20,167	5.91	33,611	9.85	35,292	10.34	1,952	3,025	3,630	3.3	10.3
34	20,778	6.09	34,630	10.15	36,361	10.66	2,015	3,124	3,749	3.2	10.3
35	21,389	6.27	35,648	10.45	37,431	10.97	2,079	3,222	3,867	3.2	10.2
36	22,000	6.45	36,667	10.75	38,500	11.28	2,143	3,321	3,985	3.2	10.2
37	22,611	6.63	37,685	11.04	39,569	11.60	2,206	3,420	4,104	3.2	10.1
38	23,222	6.81	38,704	11.34	40,639	11.91	2,270	3,518	4,222	3.2	10.1
39	23,833	6.99	39,722	11.64	41,708	12.22	2,333	3,617	4,340	3.2	10.1
40	24,444	7.16	40,741	11.94	42,778	12.54	2,397	3,715	4,458	3.2	10.0
41	25,056	7.34	41,759	12.24	43,847	12.85	2,461	3,814	4,577	3.2	10.0
42	25,667	7.52	42,778	12.54	44,917	13.16	2,524	3,913	4,695	3.2	9.9
43	26,278	7.70	43,796	12.84	45,986	13.48	2,588	4,011	4,813	3.2	9.9
44	26,889	7.88	44,815	13.13	47,056	13.79	2,651	4,110	4,932	3.2	9.9
45	27,500	8.06	45,833	13.43	48,125	14.10	2,715	4,208	5,050	3.2	9.8
46	28,111	8.24	46,852	13.73	49,194	14.42	2,779	4,307	5,168	3.2	9.8
47	28,722	8.42	47,870	14.03	50,264	14.73	2,842	4,405	5,287	3.2	9.7
48	30,000	8.79	50,000	14.65	52,500	15.39	2,906	4,504	5,405	3.3	9.7
49	30,174	8.84	50,290	14.74	52,804	15.48	2,939	4,555	5,450	3.2	9.7
50	30,348	8.89	50,579	14.82	53,108	15.57	2,971	4,606	5,496	3.2	9.7
51	30,521	8.95	50,869	14.91	53,412	15.65	3,004	4,657	5,542	3.2	9.6
52	30,695	9.00	51,159	14.99	53,717	15.74	3,037	4,708	5,587	3.2	9.6
53	30,869	9.05	51,448	15.08	54,021	15.83	3,070	4,759	5,633	3.2	9.5
54	31,043	9.10	51,738	15.16	54,325	15.92	3,103	4,809	5,678	3.2	9.5
55	31,217	9.15	52,028	15.25	54,629	16.01	3,136	4,860	5,724	3.1	9.5
56	31,390	9.20	52,317	15.33	54,933	16.10	3,169	4,911	5,770	3.1	9.4
57	31,564	9.25	52,607	15.42	55,237	16.19	3,201	4,962	5,815	3.1	9.4
58	31,738	9.30	52,897	15.50	55,541	16.28	3,234	5,013	5,861	3.1	9.3
59	31,912	9.35	53,186	15.59	55,846	16.37	3,267	5,064	5,906	3.1	9.3
60	32,086	9.40	53,476	15.67	56,150	16.46	3,300	5,115	5,952	3.1	9.2
61	32,259	9.45	53,766	15.76	56,454	16.55	3,333	5,166	5,998	3.1	9.2
62	32,433	9.51	54,055	15.84	56,758	16.63	3,366	5,217	6,043	3.0	9.1
63	32,607	9.56	54,345	15.93	57,062	16.72	3,398	5,268	6,089	3.0	9.1
64	32,781	9.61	54,635	16.01	57,366	16.81	3,431	5,318	6,134	3.0	9.1
65	32,955	9.66	54,924	16.10	57,670	16.90	3,464	5,369	6,180	3.0	9.0

¹Capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

²Heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

³Wiring cable size must comply with the applicable local and national codes.

⁴The specification may be subject to change without prior notice for purpose of improvement.

⁵Sum of connected indoor units capacity is 21-65 kBtu/h.

⁶At least two indoor units should be connected.



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Table 30: LMU480HV with Mixed Indoor Units — Rated Heating Combination Table.

Total Indoor Unit Capacity (kBtu/h)	Heating Capacity						Input (W)			COP	HSPF
	Minimum		Rated		Maximum		Minimum	Rated	Maximum		
	Btu/h	kW	Btu/h	kW	Btu/h	kW					
24	15,253	4.47	25,422	7.45	26,693	7.82	1,399	2,169	2,603	3.4	10.8
25	15,889	4.66	26,481	7.76	27,806	8.15	1,460	2,262	2,715	3.4	10.8
26	16,524	4.84	27,541	8.07	28,918	8.48	1,520	2,356	2,827	3.4	10.8
27	17,160	5.03	28,600	8.38	30,030	8.80	1,580	2,449	2,939	3.4	10.7
28	17,796	5.22	29,659	8.69	31,142	9.13	1,641	2,543	3,051	3.4	10.7
29	18,431	5.40	30,719	9.00	32,254	9.45	1,701	2,636	3,164	3.4	10.6
30	19,067	5.59	31,778	9.31	33,367	9.78	1,761	2,730	3,276	3.4	10.6
31	19,702	5.77	32,837	9.62	34,479	10.11	1,821	2,823	3,388	3.4	10.5
32	20,338	5.96	33,896	9.93	35,591	10.43	1,882	2,917	3,500	3.4	10.5
33	20,973	6.15	34,956	10.24	36,703	10.76	1,942	3,010	3,612	3.4	10.5
34	21,609	6.33	36,015	10.56	37,816	11.08	2,002	3,104	3,724	3.4	10.4
35	22,244	6.52	37,074	10.87	38,928	11.41	2,063	3,197	3,836	3.4	10.4
36	22,880	6.71	38,133	11.18	40,040	11.74	2,123	3,291	3,949	3.4	10.3
37	23,516	6.89	39,193	11.49	41,152	12.06	2,183	3,384	4,061	3.4	10.3
38	24,151	7.08	40,252	11.80	42,264	12.39	2,243	3,477	4,173	3.4	10.3
39	24,787	7.26	41,311	12.11	43,377	12.71	2,304	3,571	4,285	3.4	10.2
40	25,422	7.45	42,370	12.42	44,489	13.04	2,364	3,664	4,397	3.4	10.2
41	26,058	7.64	43,430	12.73	45,601	13.36	2,424	3,758	4,509	3.4	10.1
42	26,693	7.82	44,489	13.04	46,713	13.69	2,485	3,851	4,622	3.4	10.1
43	27,329	8.01	45,548	13.35	47,826	14.02	2,545	3,945	4,734	3.4	10.1
44	27,964	8.20	46,607	13.66	48,938	14.34	2,605	4,038	4,846	3.4	10.0
45	28,600	8.38	47,667	13.97	50,050	14.67	2,666	4,132	4,958	3.4	10.0
46	29,236	8.57	48,726	14.28	51,162	14.99	2,726	4,225	5,070	3.4	9.9
47	29,871	8.75	49,785	14.59	52,274	15.32	2,786	4,319	5,182	3.4	9.9
48	31,200	9.14	52,000	15.24	54,600	16.00	2,846	4,412	5,294	3.5	9.9
49	31,381	9.20	52,301	15.33	54,879	16.08	2,879	4,462	5,342	3.4	9.9
50	31,561	9.25	52,602	15.42	55,157	16.17	2,911	4,512	5,389	3.4	9.8
51	31,742	9.30	52,904	15.51	55,436	16.25	2,943	4,562	5,437	3.4	9.7
52	31,923	9.36	53,205	15.59	55,714	16.33	2,975	4,611	5,484	3.4	9.7
53	32,104	9.41	53,506	15.68	55,993	16.41	3,007	4,661	5,531	3.4	9.6
54	32,284	9.46	53,807	15.77	56,271	16.49	3,039	4,711	5,579	3.3	9.6
55	32,465	9.52	54,109	15.86	56,550	16.57	3,072	4,761	5,626	3.3	9.6
56	32,646	9.57	54,410	15.95	56,828	16.66	3,104	4,811	5,674	3.3	9.5
57	32,827	9.62	54,711	16.03	57,107	16.74	3,136	4,861	5,721	3.3	9.5
58	33,007	9.67	55,012	16.12	57,385	16.82	3,168	4,911	5,768	3.3	9.4
59	33,188	9.73	55,314	16.21	57,664	16.90	3,200	4,960	5,816	3.3	9.4
60	33,369	9.78	55,615	16.30	57,943	16.98	3,232	5,010	5,863	3.3	9.3
61	33,550	9.83	55,916	16.39	58,221	17.06	3,265	5,060	5,910	3.2	9.3
62	33,730	9.89	56,217	16.48	58,500	17.15	3,297	5,110	5,958	3.2	9.2
63	33,911	9.94	56,519	16.56	58,778	17.23	3,329	5,160	6,005	3.2	9.2
64	34,092	9.99	56,820	16.65	59,057	17.31	3,361	5,210	6,053	3.2	9.2
65	34,273	10.04	57,121	16.74	59,335	17.39	3,393	5,260	6,100	3.2	9.1

Combination Data

¹Capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

²Heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

³Wiring cable size must comply with the applicable local and national codes.

⁴The specification may be subject to change without prior notice for purpose of improvement.

⁵Sum of connected indoor units capacity is 21–65 kBtu/h.

⁶At least two indoor units should be connected.

MULTI F MAX LMU540HV

Rated Cooling Combination Tables

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The individual indoor unit capacity can be calculated based on the outdoor unit Rated capacity as follows.¹

$$\text{Individual Indoor Unit Combination Capacity (Qidu [Comb])} = \frac{\text{Outdoor Unit Rated Capacity (Qodu [Rated])} \times \text{Individual Indoor Unit Rated Capacity (Qidu [Rated])}{\text{Total Connected Indoor Unit Rated Capacity } (\sum \text{Qidu [Rated]})}$$

¹To calculate the individual IDU capacity based on ODU Corrected capacity, replace (Qodu [Rated]) with (Qodu [Corrected]) where (Qodu [Corrected]) is obtained from the capacity tables referencing design conditions.

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Table 31: LMU540HV with Non-Ducted Indoor Units — Rated Cooling Combination Table.

Total Indoor Unit Capacity (kBtu/h)	Cooling Capacity						Input (W)			EER	SEER
	Minimum		Rated		Maximum		Minimum	Rated	Maximum		
	Btu/h	kW	Btu/h	kW	Btu/h	kW					
24	14,000	4.10	23,333	6.84	25,813	7.57	1,000	1,550	2,336	15.10	19.6
25	14,583	4.27	24,306	7.12	26,889	7.88	1,168	1,668	2,433	14.60	19.5
26	15,167	4.45	25,278	7.41	27,964	8.20	1,251	1,786	2,530	14.10	19.5
27	15,750	4.62	26,250	7.69	29,040	8.51	1,333	1,905	2,628	13.80	19.4
28	16,333	4.79	27,222	7.98	30,116	8.83	1,517	2,023	2,725	13.50	19.4
29	16,917	4.96	28,194	8.26	31,191	9.14	1,606	2,141	2,822	13.20	19.4
30	17,500	5.13	29,167	8.55	32,267	9.46	1,695	2,259	2,919	12.90	19.3
31	18,083	5.30	30,139	8.83	33,342	9.77	1,855	2,378	3,017	12.70	19.3
32	18,667	5.47	31,111	9.12	34,418	10.09	1,947	2,496	3,114	12.50	19.3
33	19,250	5.64	32,083	9.40	35,493	10.40	2,039	2,614	3,211	12.30	19.2
34	19,833	5.81	33,056	9.69	36,569	10.72	2,131	2,732	3,309	12.10	19.2
35	20,417	5.98	34,028	9.97	37,644	11.03	2,280	2,851	3,406	11.90	19.1
36	21,000	6.15	35,000	10.26	38,720	11.35	2,375	2,969	3,503	11.80	19.1
37	21,583	6.33	35,972	10.54	39,796	11.66	2,470	3,087	3,601	11.70	19.1
38	22,167	6.50	36,944	10.83	40,871	11.98	2,564	3,205	3,698	11.50	19.0
39	22,750	6.67	37,917	11.11	41,947	12.29	2,659	3,324	3,795	11.40	19.0
40	23,333	6.84	38,889	11.40	43,022	12.61	2,753	3,442	3,893	11.30	18.9
41	23,917	7.01	39,861	11.68	44,098	12.92	2,848	3,560	3,990	11.20	18.9
42	24,500	7.18	40,833	11.97	45,173	13.24	2,943	3,678	4,087	11.10	18.9
43	25,083	7.35	41,806	12.25	46,249	13.55	3,037	3,796	4,185	11.00	18.8
44	25,667	7.52	42,778	12.54	47,324	13.87	3,132	3,915	4,282	10.90	18.8
45	26,250	7.69	43,750	12.82	48,400	14.19	3,226	4,033	4,379	10.80	18.7
46	26,833	7.86	44,722	13.11	49,476	14.50	3,321	4,151	4,476	10.80	18.7
47	27,417	8.04	45,694	13.39	50,551	14.82	3,415	4,269	4,574	10.70	18.7
48	28,000	8.21	46,667	13.68	51,627	15.13	3,510	4,388	4,671	10.60	18.6
49	28,583	8.38	47,639	13.96	52,702	15.45	3,605	4,506	4,768	10.60	18.6
50	29,167	8.55	48,611	14.25	53,778	15.76	3,699	4,624	4,866	10.50	18.6
51	29,750	8.72	49,583	14.53	54,853	16.08	3,794	4,742	4,963	10.50	18.5
52	30,333	8.89	50,556	14.82	55,929	16.39	3,888	4,861	5,060	10.40	18.5
53	30,917	9.06	51,528	15.10	57,004	16.71	3,983	4,979	5,158	10.30	18.4
54	31,500	9.23	52,500	15.39	58,080	17.02	4,078	5,097	5,255	10.30	18.4
55	31,892	9.35	52,666	15.44	58,349	17.10	4,102	5,128	5,287	10.30	18.3
56	32,285	9.46	52,832	15.48	58,619	17.18	4,127	5,159	5,319	10.20	18.2
57	32,677	9.58	52,997	15.53	58,888	17.26	4,152	5,190	5,351	10.20	18.1
58	33,069	9.69	53,163	15.58	59,158	17.34	4,176	5,221	5,382	10.20	18.0
59	33,462	9.81	53,329	15.63	59,427	17.42	4,201	5,252	5,414	10.20	17.9
60	33,854	9.92	53,495	15.68	59,697	17.50	4,226	5,282	5,446	10.10	17.8
61	34,247	10.04	53,661	15.73	59,966	17.58	4,251	5,313	5,478	10.10	17.7
62	34,639	10.15	53,826	15.78	60,236	17.65	4,275	5,344	5,510	10.10	17.6
63	35,031	10.27	53,992	15.82	60,505	17.73	4,300	5,375	5,542	10.00	17.5
64	35,424	10.38	54,158	15.87	60,775	17.81	4,325	5,406	5,573	10.00	17.4
65	35,816	10.50	54,324	15.92	61,044	17.89	4,350	5,437	5,605	10.00	17.3
66	36,208	10.61	54,489	15.97	61,314	17.97	4,374	5,468	5,637	10.00	17.2
67	36,601	10.73	54,655	16.02	61,583	18.05	4,399	5,499	5,669	9.90	17.1
68	36,993	10.84	54,821	16.07	61,853	18.13	4,424	5,530	5,701	9.90	17.0
69	37,386	10.96	54,987	16.12	62,122	18.21	4,448	5,561	5,733	9.90	16.9
70	37,778	11.07	55,153	16.16	62,392	18.29	4,473	5,591	5,764	9.90	16.9
71	38,170	11.19	55,318	16.21	62,661	18.36	4,498	5,622	5,796	9.80	16.8
72	38,563	11.30	55,484	16.26	62,931	18.44	4,523	5,653	5,828	9.80	16.7
73	38,955	11.42	55,650	16.31	63,200	18.52	4,547	5,684	5,860	9.80	16.6

¹Capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

²Cooling 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).

³Wiring cable size must comply with the applicable local and national codes.

⁴The specification may be subject to change without prior notice for purpose of improvement.

⁵Sum of connected indoor units capacity is 22-73 kBtu/h.

⁶At least two indoor units should be connected.



Table 32: LMU540HV with Ducted Indoor Units — Rated Cooling Combination Table.

Total Indoor Unit Capacity (kBtu/h)	Cooling Capacity						Input (W)			EER	SEER
	Minimum		Rated		Maximum		Minimum	Rated	Maximum		
	Btu/h	kW	Btu/h	kW	Btu/h	kW					
24	13,989	4.10	23,314	6.83	25,646	7.52	1,000	1,550	2,337	15.0	18.3
25	14,571	4.27	24,286	7.12	26,714	7.83	1,076	1,668	2,434	14.6	18.2
26	15,154	4.44	25,257	7.40	27,783	8.14	1,153	1,787	2,532	14.1	18.1
27	15,737	4.61	26,229	7.69	28,851	8.46	1,229	1,905	2,629	13.8	18.1
28	16,320	4.78	27,200	7.97	29,920	8.77	1,305	2,023	2,726	13.4	18.0
29	16,903	4.95	28,171	8.26	30,989	9.08	1,382	2,142	2,824	13.2	17.9
30	17,486	5.12	29,143	8.54	32,057	9.40	1,458	2,260	2,921	12.9	17.8
31	18,069	5.30	30,114	8.83	33,126	9.71	1,534	2,378	3,019	12.7	17.7
32	18,651	5.47	31,086	9.11	34,194	10.02	1,611	2,497	3,116	12.5	17.6
33	19,234	5.64	32,057	9.40	35,263	10.33	1,687	2,615	3,213	12.3	17.6
34	19,817	5.81	33,029	9.68	36,331	10.65	1,763	2,733	3,311	12.1	17.5
35	20,400	5.98	34,000	9.96	37,400	10.96	1,840	2,852	3,408	11.9	17.4
36	20,983	6.15	34,971	10.25	38,469	11.27	1,916	2,970	3,505	11.8	17.3
37	21,566	6.32	35,943	10.53	39,537	11.59	1,992	3,088	3,603	11.6	17.2
38	22,149	6.49	36,914	10.82	40,606	11.90	2,069	3,207	3,700	11.5	17.1
39	22,731	6.66	37,886	11.10	41,674	12.21	2,145	3,325	3,798	11.4	17.1
40	23,314	6.83	38,857	11.39	42,743	12.53	2,222	3,443	3,895	11.3	17.0
41	23,897	7.00	39,829	11.67	43,811	12.84	2,298	3,562	3,992	11.2	16.9
42	24,480	7.17	40,800	11.96	44,880	13.15	2,374	3,680	4,090	11.1	16.8
43	25,063	7.35	41,771	12.24	45,949	13.47	2,451	3,798	4,187	11.0	16.7
44	25,646	7.52	42,743	12.53	47,017	13.78	2,527	3,917	4,284	10.9	16.6
45	26,229	7.69	43,714	12.81	48,086	14.09	2,603	4,035	4,382	10.8	16.6
46	26,811	7.86	44,686	13.10	49,154	14.41	2,680	4,153	4,479	10.8	16.5
47	27,394	8.03	45,657	13.38	50,223	14.72	2,756	4,272	4,576	10.7	16.4
48	27,977	8.20	46,629	13.67	51,291	15.03	2,832	4,390	4,674	10.6	16.3
49	28,560	8.37	47,600	13.95	52,360	15.35	2,909	4,508	4,771	10.6	16.2
50	29,143	8.54	48,571	14.24	53,429	15.66	2,985	4,627	4,869	10.5	16.1
51	29,726	8.71	49,543	14.52	54,497	15.97	3,061	4,745	4,966	10.4	16.1
52	30,309	8.88	50,514	14.80	55,566	16.29	3,138	4,863	5,063	10.4	16.0
53	30,892	8.93	50,757	14.88	55,833	16.36	3,214	4,982	5,161	10.2	15.9
54	30,600	8.97	51,000	14.95	56,100	16.44	3,290	5,100	5,258	10.0	15.8
55	30,697	9.00	51,161	14.99	56,474	16.55	3,310	5,131	5,290	10.0	15.8
56	30,793	9.02	51,322	15.04	56,847	16.66	3,330	5,161	5,321	9.9	15.8
57	30,890	9.05	51,483	15.09	57,221	16.77	3,350	5,192	5,353	9.9	15.8
58	30,987	9.08	51,644	15.14	57,595	16.88	3,370	5,223	5,385	9.9	15.8
59	31,083	9.11	51,805	15.18	57,968	16.99	3,389	5,254	5,416	9.9	15.8
60	31,180	9.14	51,966	15.23	58,342	17.10	3,409	5,284	5,448	9.8	15.8
61	31,276	9.17	52,127	15.28	58,716	17.21	3,429	5,315	5,480	9.8	15.8
62	31,373	9.19	52,288	15.32	59,089	17.32	3,449	5,346	5,512	9.8	15.8
63	31,470	9.22	52,449	15.37	59,463	17.43	3,469	5,377	5,543	9.8	15.8
64	31,566	9.25	52,611	15.42	59,837	17.54	3,489	5,407	5,575	9.7	15.8
65	31,663	9.28	52,772	15.47	60,211	17.65	3,508	5,438	5,607	9.7	15.8
66	31,760	9.31	52,933	15.51	60,584	17.76	3,528	5,469	5,638	9.7	15.8
67	31,856	9.34	53,094	15.56	60,958	17.87	3,548	5,500	5,670	9.7	15.8
68	31,953	9.36	53,255	15.61	61,332	17.98	3,568	5,530	5,702	9.6	15.8
69	32,049	9.39	53,416	15.66	61,705	18.08	3,588	5,561	5,733	9.6	15.8
70	32,146	9.42	53,577	15.70	62,079	18.19	3,608	5,592	5,765	9.6	15.8
71	32,243	9.45	53,738	15.75	62,453	18.30	3,627	5,623	5,797	9.6	15.8
72	32,339	9.48	53,899	15.80	62,826	18.41	3,647	5,653	5,828	9.5	15.8
73	32,436	9.51	54,060	15.84	63,200	18.52	3,667	5,684	5,860	9.5	15.8

Combination Data

¹Capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

²Cooling 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).

³Wiring cable size must comply with the applicable local and national codes.

⁴The specification may be subject to change without prior notice for purpose of improvement.

⁵Sum of connected indoor units capacity is 22-73 kBtu/h.

⁶At least two indoor units should be connected.

MULTI F MAX LMU540HV

Rated Cooling Combination Tables

MULTI F
MULTI F MAX

Table 33: LMU540HV with Mixed Indoor Units — Rated Cooling Combination Table.

Total Indoor Unit Capacity (kBtu/h)	Cooling Capacity						Input (W)			EER	SEER
	Minimum		Rated		Maximum		Minimum	Rated	Maximum		
	Btu/h	kW	Btu/h	kW	Btu/h	kW					
24	14,194	4.16	23,657	6.93	26,023	7.63	1,000	1,550	2,337	15.3	19.0
25	14,786	4.33	24,643	7.22	27,107	7.94	1,076	1,668	2,434	14.8	18.9
26	15,377	4.51	25,629	7.51	28,191	8.26	1,153	1,787	2,531	14.3	18.8
27	15,969	4.68	26,614	7.80	29,276	8.58	1,229	1,905	2,629	14.0	18.8
28	16,560	4.85	27,600	8.09	30,360	8.90	1,305	2,023	2,726	13.6	18.7
29	17,151	5.03	28,586	8.38	31,444	9.22	1,382	2,141	2,823	13.3	18.6
30	17,743	5.20	29,571	8.67	32,529	9.53	1,458	2,260	2,920	13.1	18.6
31	18,334	5.37	30,557	8.96	33,613	9.85	1,534	2,378	3,018	12.9	18.5
32	18,926	5.55	31,543	9.24	34,697	10.17	1,610	2,496	3,115	12.6	18.5
33	19,517	5.72	32,529	9.53	35,781	10.49	1,687	2,615	3,212	12.4	18.4
34	20,109	5.89	33,514	9.82	36,866	10.80	1,763	2,733	3,310	12.3	18.3
35	20,700	6.07	34,500	10.11	37,950	11.12	1,839	2,851	3,407	12.1	18.3
36	21,291	6.24	35,486	10.40	39,034	11.44	1,916	2,969	3,504	12.0	18.2
37	21,883	6.41	36,471	10.69	40,119	11.76	1,992	3,088	3,602	11.8	18.1
38	22,474	6.59	37,457	10.98	41,203	12.08	2,068	3,206	3,699	11.7	18.1
39	23,066	6.76	38,443	11.27	42,287	12.39	2,145	3,324	3,797	11.6	18.0
40	23,657	6.93	39,429	11.56	43,371	12.71	2,221	3,443	3,894	11.5	18.0
41	24,249	7.11	40,414	11.84	44,456	13.03	2,297	3,561	3,991	11.3	17.9
42	24,840	7.28	41,400	12.13	45,540	13.35	2,374	3,679	4,089	11.3	17.8
43	25,431	7.45	42,386	12.42	46,624	13.66	2,450	3,797	4,186	11.2	17.8
44	26,023	7.63	43,371	12.71	47,709	13.98	2,526	3,916	4,283	11.1	17.7
45	26,614	7.80	44,357	13.00	48,793	14.30	2,603	4,034	4,381	11.0	17.7
46	27,206	7.97	45,343	13.29	49,877	14.62	2,679	4,152	4,478	10.9	17.6
47	27,797	8.15	46,329	13.58	50,961	14.94	2,755	4,271	4,575	10.8	17.5
48	28,389	8.32	47,314	13.87	52,046	15.25	2,831	4,389	4,673	10.8	17.5
49	28,980	8.49	48,300	14.16	53,130	15.57	2,908	4,507	4,770	10.7	17.4
50	29,571	8.67	49,286	14.44	54,214	15.89	2,984	4,625	4,868	10.7	17.3
51	30,163	8.84	50,271	14.73	55,299	16.21	3,060	4,744	4,965	10.6	17.3
52	30,754	9.01	51,257	15.02	56,383	16.52	3,137	4,862	5,062	10.5	17.2
53	30,902	9.06	51,504	15.09	56,654	16.60	3,213	4,980	5,160	10.3	17.2
54	31,050	9.10	51,750	15.17	56,925	16.68	3,289	5,099	5,257	10.2	17.1
55	31,148	9.13	51,913	15.21	57,255	16.78	3,309	5,129	5,289	10.1	17.1
56	31,246	9.16	52,077	15.26	57,586	16.88	3,329	5,160	5,320	10.1	17.0
57	31,344	9.19	52,240	15.31	57,916	16.97	3,349	5,191	5,352	10.1	17.0
58	31,442	9.22	52,404	15.36	58,246	17.07	3,369	5,222	5,384	10.0	16.9
59	31,540	9.24	52,567	15.41	58,576	17.17	3,389	5,253	5,415	10.0	16.9
60	31,638	9.27	52,731	15.45	58,907	17.26	3,409	5,283	5,447	10.0	16.8
61	31,736	9.30	52,894	15.50	59,237	17.36	3,429	5,314	5,479	10.0	16.8
62	31,834	9.33	53,057	15.55	59,567	17.46	3,448	5,345	5,511	9.9	16.7
63	31,932	9.36	53,221	15.60	59,897	17.55	3,468	5,376	5,543	9.9	16.7
64	32,031	9.39	53,384	15.65	60,228	17.65	3,488	5,407	5,574	9.9	16.6
65	32,129	9.42	53,548	15.69	60,558	17.75	3,508	5,437	5,606	9.8	16.6
66	32,227	9.45	53,711	15.74	60,888	17.85	3,528	5,468	5,638	9.8	16.5
67	32,325	9.47	53,874	15.79	61,218	17.94	3,548	5,499	5,670	9.8	16.5
68	32,423	9.50	54,038	15.84	61,549	18.04	3,568	5,530	5,702	9.8	16.4
69	32,521	9.53	54,201	15.89	61,879	18.14	3,588	5,561	5,733	9.7	16.4
70	32,619	9.56	54,365	15.93	62,209	18.23	3,607	5,592	5,765	9.7	16.3
71	32,717	9.59	54,528	15.98	62,539	18.33	3,627	5,622	5,797	9.7	16.3
72	32,815	9.62	54,692	16.03	62,870	18.43	3,647	5,653	5,828	9.7	16.2
73	35,696	10.46	54,855	16.08	63,200	18.52	3,667	5,684	5,860	9.7	16.2

¹Capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

²Cooling 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).

³Wiring cable size must comply with the applicable local and national codes.

⁴The specification may be subject to change without prior notice for purpose of improvement.

⁵Sum of connected indoor units capacity is 22-73 kBtu/h.

⁶At least two indoor units should be connected.



Multi F / Multi F MAX Heat Pump System Combination Data Manual

Table 34: LMU540HV with Non-Ducted Indoor Units — Rated Heating Combination Table.

Total Indoor Unit Capacity (kBtu/h)	Heating Capacity						Input (W)			COP	HSPF
	Minimum		Rated		Maximum		Minimum	Rated	Maximum		
	Btu/h	kW	Btu/h	kW	Btu/h	kW					
24	16,272	4.77	27,120	7.95	28,476	8.35	1,394	2,161	2,474	3.7	10.3
25	16,950	4.97	28,250	8.28	29,663	8.69	1,464	2,269	2,578	3.6	10.2
26	17,628	5.17	29,380	8.61	30,849	9.04	1,534	2,377	2,681	3.6	10.2
27	18,306	5.37	30,510	8.94	32,036	9.39	1,603	2,485	2,784	3.6	10.1
28	18,984	5.56	31,640	9.27	33,222	9.74	1,673	2,593	2,887	3.6	10.1
29	19,662	5.76	32,770	9.60	34,409	10.08	1,742	2,701	2,990	3.6	10.0
30	20,340	5.96	33,900	9.94	35,595	10.43	1,812	2,809	3,093	3.5	10.0
31	21,018	6.16	35,030	10.27	36,782	10.78	1,882	2,917	3,196	3.5	9.9
32	21,696	6.36	36,160	10.60	37,968	11.13	1,951	3,025	3,299	3.5	9.9
33	22,374	6.56	37,290	10.93	39,155	11.48	2,021	3,133	3,402	3.5	9.8
34	23,052	6.76	38,420	11.26	40,341	11.82	2,091	3,241	3,505	3.5	9.8
35	23,730	6.95	39,550	11.59	41,528	12.17	2,160	3,349	3,609	3.5	9.7
36	24,408	7.15	40,680	11.92	42,714	12.52	2,230	3,457	3,712	3.4	9.7
37	25,086	7.35	41,810	12.25	43,901	12.87	2,300	3,565	3,815	3.4	9.6
38	25,764	7.55	42,940	12.58	45,087	13.21	2,369	3,673	3,918	3.4	9.6
39	26,442	7.75	44,070	12.92	46,274	13.56	2,439	3,781	4,021	3.4	9.5
40	27,120	7.95	45,200	13.25	47,460	13.91	2,509	3,888	4,124	3.4	9.4
41	27,798	8.15	46,330	13.58	48,647	14.26	2,578	3,996	4,227	3.4	9.4
42	28,476	8.35	47,460	13.91	49,833	14.61	2,648	4,104	4,330	3.4	9.3
43	29,154	8.54	48,590	14.24	51,020	14.95	2,718	4,212	4,433	3.4	9.3
44	29,832	8.74	49,720	14.57	52,206	15.30	2,787	4,320	4,536	3.4	9.2
45	30,510	8.94	50,850	14.90	53,393	15.65	2,857	4,428	4,640	3.4	9.2
46	31,188	9.14	51,980	15.23	54,579	16.00	2,927	4,536	4,743	3.4	9.1
47	31,866	9.34	53,110	15.57	55,766	16.34	2,996	4,644	4,846	3.4	9.1
48	32,544	9.54	54,240	15.90	56,952	16.69	3,066	4,752	4,949	3.3	9.0
49	32,920	9.65	54,867	16.08	57,610	16.88	3,136	4,860	5,052	3.3	9.0
50	33,296	9.76	55,493	16.26	58,268	17.08	3,205	4,968	5,155	3.3	8.9
51	33,672	9.87	56,120	16.45	58,926	17.27	3,275	5,076	5,258	3.2	8.9
52	34,048	9.98	56,747	16.63	59,584	17.46	3,345	5,184	5,361	3.2	8.8
53	34,424	10.09	57,373	16.82	60,242	17.66	3,414	5,292	5,464	3.2	8.8
54	34,800	10.20	58,000	17.00	60,900	17.85	3,484	5,400	5,567	3.1	8.7
55	34,910	10.23	58,183	17.05	61,063	17.90	3,504	5,432	5,600	3.1	8.7
56	35,020	10.26	58,366	17.11	61,226	17.94	3,525	5,464	5,633	3.1	8.7
57	35,130	10.30	58,549	17.16	61,389	17.99	3,545	5,495	5,666	3.1	8.7
58	35,240	10.33	58,733	17.21	61,553	18.04	3,566	5,527	5,698	3.1	8.7
59	35,349	10.36	58,916	17.27	61,716	18.09	3,586	5,559	5,731	3.1	8.7
60	35,459	10.39	59,099	17.32	61,879	18.14	3,607	5,591	5,764	3.1	8.7
61	35,569	10.42	59,282	17.37	62,042	18.18	3,627	5,623	5,797	3.1	8.7
62	35,679	10.46	59,465	17.43	62,205	18.23	3,648	5,654	5,830	3.1	8.7
63	35,789	10.49	59,648	17.48	62,368	18.28	3,668	5,686	5,862	3.1	8.7
64	35,899	10.52	59,832	17.54	62,532	18.33	3,689	5,718	5,895	3.1	8.7
65	36,009	10.55	60,015	17.59	62,695	18.37	3,709	5,750	5,928	3.1	8.7
66	36,119	11.72	60,198	17.64	62,858	18.42	3,730	5,781	5,961	3.1	8.7
67	36,229	11.85	60,381	17.70	63,021	18.47	3,750	5,813	5,993	3.0	8.7
68	36,339	11.98	60,564	17.75	63,184	18.52	3,771	5,845	6,026	3.0	8.7
69	36,448	12.10	60,747	17.80	63,347	18.57	3,792	5,877	6,059	3.0	8.7
70	36,558	12.23	60,931	17.86	63,511	18.61	3,812	5,909	6,092	3.0	8.7
71	36,668	12.36	61,114	17.91	63,674	18.66	3,833	5,940	6,124	3.0	8.7
72	36,778	12.49	61,297	17.97	63,837	18.71	3,853	5,972	6,157	3.0	8.7
73	36,888	12.61	61,480	18.02	64,000	18.76	3,874	6,004	6,190	3.0	8.7

¹Capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

²Heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

³Wiring cable size must comply with the applicable local and national codes.

⁴The specification may be subject to change without prior notice for purpose of improvement.

⁵Sum of connected indoor units capacity is 22-73 kBtu/h.

⁶At least two indoor units should be connected.

MULTI F MAX LMU540HV

Rated Heating Combination Tables



Table 35: LMU540HV with Ducted Indoor Units — Rated Heating Combination Table.

Total Indoor Unit Capacity (kBtu/h)	Heating Capacity						Input (W)			COP	HSPF
	Minimum		Rated		Maximum		Minimum	Rated	Maximum		
	Btu/h	kW	Btu/h	kW	Btu/h	kW					
24	15,909	4.66	26,514	7.77	27,840	8.16	1,490	2,310	2,557	3.4	9.8
25	16,571	4.86	27,619	8.09	29,000	8.50	1,561	2,419	2,663	3.3	9.8
26	17,234	5.05	28,724	8.42	30,160	8.84	1,631	2,528	2,770	3.3	9.7
27	17,897	5.25	29,829	8.74	31,320	9.18	1,701	2,637	2,876	3.3	9.7
28	18,560	5.44	30,933	9.07	32,480	9.52	1,772	2,746	2,983	3.3	9.6
29	19,223	5.63	32,038	9.39	33,640	9.86	1,842	2,855	3,090	3.3	9.6
30	19,886	5.83	33,143	9.71	34,800	10.20	1,912	2,964	3,196	3.3	9.5
31	20,549	6.02	34,248	10.04	35,960	10.54	1,983	3,073	3,303	3.3	9.5
32	21,211	6.22	35,352	10.36	37,120	10.88	2,053	3,182	3,409	3.3	9.4
33	21,874	6.41	36,457	10.68	38,280	11.22	2,123	3,291	3,516	3.2	9.4
34	22,537	6.61	37,562	11.01	39,440	11.56	2,194	3,400	3,622	3.2	9.3
35	23,200	6.80	38,667	11.33	40,600	11.90	2,264	3,509	3,729	3.2	9.3
36	23,863	6.99	39,771	11.66	41,760	12.24	2,334	3,618	3,835	3.2	9.2
37	24,526	7.19	40,876	11.98	42,920	12.58	2,405	3,727	3,942	3.2	9.2
38	25,189	7.38	41,981	12.30	44,080	12.92	2,475	3,836	4,048	3.2	9.1
39	25,851	7.58	43,086	12.63	45,240	13.26	2,545	3,945	4,155	3.2	9.1
40	26,514	7.77	44,190	12.95	46,400	13.60	2,615	4,054	4,261	3.2	9.0
41	27,177	7.97	45,295	13.28	47,560	13.94	2,686	4,163	4,368	3.2	9.0
42	27,840	8.16	46,400	13.60	48,720	14.28	2,756	4,272	4,475	3.2	8.9
43	28,503	8.35	47,505	13.92	49,880	14.62	2,826	4,381	4,581	3.2	8.9
44	29,166	8.55	48,610	14.25	51,040	14.96	2,897	4,490	4,688	3.2	8.8
45	29,829	8.74	49,714	14.57	52,200	15.30	2,967	4,599	4,794	3.2	8.8
46	30,491	8.94	50,819	14.89	53,360	15.64	3,037	4,708	4,901	3.2	8.7
47	31,154	9.13	51,924	15.22	54,520	15.98	3,108	4,817	5,007	3.2	8.7
48	31,817	9.33	53,029	15.54	55,680	16.32	3,178	4,926	5,114	3.2	8.6
49	32,480	9.52	54,133	15.87	56,840	16.66	3,248	5,035	5,220	3.2	8.6
50	33,143	9.71	55,238	16.19	58,000	17.00	3,319	5,144	5,327	3.1	8.5
51	33,806	9.91	56,343	16.51	59,160	17.34	3,389	5,253	5,433	3.1	8.5
52	34,469	10.10	57,448	16.84	60,320	17.68	3,459	5,362	5,540	3.1	8.4
53	34,634	10.15	57,724	16.92	60,610	17.76	3,530	5,471	5,646	3.1	8.4
54	34,800	10.20	58,000	17.00	60,900	17.85	3,600	5,580	5,753	3.0	8.3
55	34,910	10.23	58,183	17.05	61,021	17.88	3,614	5,602	5,776	3.0	8.3
56	35,020	10.26	58,366	17.11	61,142	17.92	3,629	5,625	5,799	3.0	8.3
57	35,130	10.30	58,549	17.16	61,263	17.96	3,643	5,647	5,822	3.0	8.3
58	35,240	10.33	58,733	17.21	61,384	17.99	3,658	5,669	5,845	3.0	8.3
59	35,349	10.36	58,916	17.27	61,505	18.03	3,672	5,692	5,868	3.0	8.3
60	35,459	10.39	59,099	17.32	61,626	18.06	3,686	5,714	5,891	3.0	8.3
61	35,569	10.42	59,282	17.37	61,747	18.10	3,701	5,736	5,914	3.0	8.3
62	35,679	10.46	59,465	17.43	61,868	18.13	3,715	5,759	5,937	3.0	8.3
63	35,789	10.49	59,648	17.48	61,989	18.17	3,730	5,781	5,960	3.0	8.3
64	35,899	10.52	59,832	17.54	62,111	18.20	3,744	5,803	5,983	3.0	8.3
65	36,009	10.55	60,015	17.59	62,232	18.24	3,758	5,825	6,006	3.0	8.3
66	36,119	10.59	60,198	17.64	62,353	18.27	3,773	5,848	6,029	3.0	8.3
67	36,229	10.62	60,381	17.70	62,474	18.31	3,787	5,870	6,052	3.0	8.3
68	36,339	10.65	60,564	17.75	62,595	18.35	3,802	5,892	6,075	3.0	8.3
69	36,448	10.68	60,747	17.80	62,716	18.38	3,816	5,915	6,098	3.0	8.3
70	36,558	10.71	60,931	17.86	62,837	18.42	3,830	5,937	6,121	3.0	8.3
71	36,668	10.75	61,114	17.91	62,958	18.45	3,845	5,959	6,144	3.0	8.3
72	36,778	10.78	61,297	17.97	63,079	18.49	3,859	5,982	6,167	3.0	8.3
73	36,888	10.81	61,480	18.02	63,200	18.52	3,874	6,004	6,190	3.0	8.3

¹Capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

²Heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

³Wiring cable size must comply with the applicable local and national codes.

⁴The specification may be subject to change without prior notice for purpose of improvement.

⁵Sum of connected indoor units capacity is 22-73 kBtu/h.

⁶At least two indoor units should be connected.



Table 36: LMU540HV with Mixed Indoor Units — Rated Heating Combination Table.

Total Indoor Unit Capacity (kBtu/h)	Heating Capacity						Input (W)			COP	HSPF
	Minimum		Rated		Maximum		Minimum	Rated	Maximum		
	Btu/h	kW	Btu/h	kW	Btu/h	kW					
24	16,090	4.72	26,817	7.86	28,158	8.25	1,442	2,236	2,516	3.5	10.1
25	16,761	4.91	27,935	8.19	29,331	8.60	1,512	2,344	2,621	3.5	10.0
26	17,431	5.11	29,052	8.51	30,505	8.94	1,582	2,452	2,726	3.5	9.9
27	18,102	5.31	30,169	8.84	31,678	9.28	1,652	2,561	2,830	3.5	9.9
28	18,772	5.50	31,287	9.17	32,851	9.63	1,722	2,669	2,935	3.4	9.8
29	19,442	5.70	32,404	9.50	34,024	9.97	1,792	2,778	3,040	3.4	9.8
30	20,113	5.89	33,521	9.82	35,198	10.32	1,862	2,886	3,145	3.4	9.7
31	20,783	6.09	34,639	10.15	36,371	10.66	1,932	2,995	3,250	3.4	9.7
32	21,454	6.29	35,756	10.48	37,544	11.00	2,002	3,103	3,354	3.4	9.6
33	22,124	6.48	36,874	10.81	38,717	11.35	2,072	3,212	3,459	3.4	9.6
34	22,795	6.68	37,991	11.13	39,891	11.69	2,142	3,320	3,564	3.4	9.5
35	23,465	6.88	39,108	11.46	41,064	12.04	2,212	3,429	3,669	3.3	9.5
36	24,135	7.07	40,226	11.79	42,237	12.38	2,282	3,537	3,774	3.3	9.4
37	24,806	7.27	41,343	12.12	43,410	12.72	2,352	3,646	3,879	3.3	9.4
38	25,476	7.47	42,460	12.44	44,584	13.07	2,422	3,754	3,983	3.3	9.3
39	26,147	7.66	43,578	12.77	45,757	13.41	2,492	3,863	4,088	3.3	9.3
40	26,817	7.86	44,695	13.10	46,930	13.75	2,562	3,971	4,193	3.3	9.2
41	27,488	8.06	45,813	13.43	48,103	14.10	2,632	4,080	4,298	3.3	9.2
42	28,158	8.25	46,930	13.75	49,277	14.44	2,702	4,188	4,403	3.3	9.1
43	28,828	8.45	48,047	14.08	50,450	14.79	2,772	4,297	4,507	3.3	9.1
44	29,499	8.65	49,165	14.41	51,623	15.13	2,842	4,405	4,612	3.3	9.0
45	30,169	8.84	50,282	14.74	52,796	15.47	2,912	4,514	4,717	3.3	9.0
46	30,840	9.04	51,400	15.06	53,970	15.82	2,982	4,622	4,822	3.3	8.9
47	31,510	9.24	52,517	15.39	55,143	16.16	3,052	4,731	4,927	3.3	8.9
48	32,181	9.43	53,634	15.72	56,316	16.51	3,122	4,839	5,032	3.2	8.8
49	32,700	9.58	54,500	15.97	57,225	16.77	3,192	4,948	5,136	3.2	8.8
50	33,219	9.74	55,366	16.23	58,134	17.04	3,262	5,056	5,241	3.2	8.7
51	33,739	9.89	56,231	16.48	59,043	17.30	3,332	5,165	5,346	3.2	8.7
52	34,258	10.04	57,097	16.73	59,952	17.57	3,402	5,273	5,451	3.2	8.6
53	34,529	10.12	57,549	16.87	60,426	17.71	3,472	5,382	5,555	3.1	8.6
54	34,800	10.20	58,000	17.00	60,900	17.85	3,542	5,490	5,660	3.1	8.5
55	34,910	10.23	58,183	17.05	61,042	17.89	3,559	5,517	5,688	3.1	8.5
56	35,020	10.26	58,366	17.11	61,184	17.93	3,577	5,544	5,716	3.1	8.5
57	35,130	10.30	58,549	17.16	61,326	17.97	3,594	5,571	5,744	3.1	8.5
58	35,240	10.33	58,733	17.21	61,468	18.02	3,612	5,598	5,772	3.1	8.5
59	35,349	10.36	58,916	17.27	61,611	18.06	3,629	5,625	5,800	3.1	8.5
60	35,459	10.39	59,099	17.32	61,753	18.10	3,647	5,652	5,828	3.1	8.5
61	35,569	10.42	59,282	17.37	61,895	18.14	3,664	5,679	5,856	3.1	8.5
62	35,679	10.46	59,465	17.43	62,037	18.18	3,682	5,706	5,884	3.1	8.5
63	35,789	10.49	59,648	17.48	62,179	18.22	3,699	5,733	5,911	3.0	8.5
64	35,899	10.52	59,832	17.54	62,321	18.27	3,716	5,761	5,939	3.0	8.5
65	36,009	10.55	60,015	17.59	62,463	18.31	3,734	5,788	5,967	3.0	8.5
66	36,119	10.59	60,198	17.64	62,605	18.35	3,751	5,815	5,995	3.0	8.5
67	36,229	10.62	60,381	17.70	62,747	18.39	3,769	5,842	6,023	3.0	8.5
68	36,339	10.65	60,564	17.75	62,889	18.43	3,786	5,869	6,051	3.0	8.5
69	36,448	10.68	60,747	17.80	63,032	18.47	3,804	5,896	6,079	3.0	8.5
70	36,558	10.71	60,931	17.86	63,174	18.52	3,821	5,923	6,107	3.0	8.5
71	36,668	10.75	61,114	17.91	63,316	18.56	3,839	5,950	6,134	3.0	8.5
72	36,778	10.78	61,297	17.97	63,458	18.60	3,856	5,977	6,162	3.0	8.5
73	36,888	10.81	61,480	18.02	63,600	18.64	3,874	6,004	6,190	3.0	8.5

Combination Data

¹Capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

²Heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

³Wiring cable size must comply with the applicable local and national codes.

⁴The specification may be subject to change without prior notice for purpose of improvement.

⁵Sum of connected indoor units capacity is 22-73 kBtu/h.

⁶At least two indoor units should be connected.

Table 38: LMU600HV with Ducted Indoor Units — Rated Cooling Combination Table.

Total Indoor Unit Capacity (kBtu/h)	Cooling Capacity						Input (W)			EER	SEER
	Minimum		Rated		Maximum		Minimum	Rated	Maximum		
	Btu/h	kW	Btu/h	kW	Btu/h	kW					
24	15,457	4.53	23,780	6.97	26,158	7.67	1,029	1,595	1,840	14.91	19.5
25	16,080	4.71	24,738	7.25	27,212	7.98	1,100	1,705	1,957	14.51	19.5
26	16,703	4.90	25,696	7.53	28,266	8.28	1,170	1,814	2,075	14.17	19.4
27	17,325	5.08	26,654	7.81	29,320	8.59	1,240	1,923	2,193	13.86	19.4
28	17,948	5.26	27,613	8.09	30,374	8.90	1,311	2,032	2,310	13.59	19.4
29	18,571	5.44	28,571	8.37	31,428	9.21	1,381	2,141	2,428	13.34	19.4
30	19,194	5.63	29,529	8.65	32,482	9.52	1,452	2,250	2,545	13.12	19.3
31	19,817	5.81	30,487	8.94	33,536	9.83	1,522	2,359	2,663	12.92	19.3
32	20,439	5.99	31,445	9.22	34,590	10.14	1,593	2,468	2,780	12.74	19.3
33	21,062	6.17	32,403	9.50	35,644	10.45	1,663	2,578	2,898	12.57	19.2
34	21,685	6.36	33,362	9.78	36,698	10.76	1,733	2,687	3,015	12.42	19.2
35	22,308	6.54	34,320	10.06	37,752	11.06	1,804	2,796	3,133	12.28	19.2
36	22,931	6.72	35,278	10.34	38,806	11.37	1,874	2,905	3,250	12.14	19.2
37	23,553	6.90	36,236	10.62	39,860	11.68	1,945	3,014	3,368	12.02	19.1
38	24,176	7.09	37,194	10.90	40,914	11.99	2,015	3,123	3,485	11.91	19.1
39	24,799	7.27	38,152	11.18	41,968	12.30	2,085	3,232	3,603	11.80	19.1
40	25,422	7.45	39,111	11.46	43,022	12.61	2,156	3,341	3,720	11.70	19.1
41	26,045	7.63	40,069	11.74	44,076	12.92	2,226	3,451	3,838	11.61	19.0
42	26,667	7.82	41,027	12.02	45,130	13.23	2,297	3,560	3,955	11.53	19.0
43	27,290	8.00	41,985	12.31	46,184	13.54	2,367	3,669	4,073	11.44	19.0
44	27,913	8.18	42,943	12.59	47,238	13.84	2,437	3,778	4,190	11.37	18.9
45	28,536	8.36	43,901	12.87	48,291	14.15	2,508	3,887	4,308	11.29	18.9
46	29,159	8.55	44,860	13.15	49,345	14.46	2,578	3,996	4,425	11.23	18.9
47	29,781	8.73	45,818	13.43	50,399	14.77	2,649	4,105	4,543	11.16	18.9
48	30,404	8.91	46,776	13.71	51,453	15.08	2,719	4,214	4,661	11.10	18.8
49	31,027	9.09	47,734	13.99	52,507	15.39	2,789	4,324	4,778	11.04	18.8
50	31,650	9.28	48,692	14.27	53,561	15.70	2,860	4,433	4,896	10.98	18.8
51	32,273	9.46	49,650	14.55	54,615	16.01	2,930	4,542	5,013	10.93	18.7
52	32,896	9.64	50,608	14.83	55,669	16.32	3,001	4,651	5,131	10.88	18.7
53	33,518	9.82	51,567	15.11	56,723	16.62	3,071	4,760	5,248	10.83	18.7
54	34,141	10.01	52,525	15.39	57,777	16.93	3,141	4,869	5,366	10.79	18.7
55	34,764	10.18	53,483	15.66	58,831	17.23	3,212	4,978	5,483	10.73	18.6
56	35,387	10.35	54,441	15.93	59,885	17.52	3,282	5,087	5,601	10.68	18.6
57	35,999	10.53	55,399	16.20	60,939	17.82	3,353	5,197	5,718	10.63	18.6
58	36,611	10.70	56,357	16.46	61,993	18.11	3,423	5,306	5,836	10.59	18.6
59	37,223	10.88	57,315	16.73	63,047	18.40	3,493	5,415	5,953	10.54	18.5
60	37,835	11.05	58,273	17.00	64,101	18.69	3,564	5,524	6,071	10.50	18.5
61	38,447	11.22	59,231	17.26	65,155	18.98	3,634	5,633	6,188	10.46	18.4
62	39,059	11.39	60,189	17.53	66,209	19.27	3,705	5,742	6,306	10.42	18.4
63	39,671	11.56	61,147	17.79	67,263	19.56	3,775	5,851	6,423	10.38	18.3
64	40,283	11.73	62,105	18.06	68,317	19.85	3,846	5,960	6,541	10.34	18.3
65	40,895	11.90	63,063	18.32	69,371	20.14	3,916	6,069	6,658	10.30	18.2
66	41,507	12.07	64,021	18.58	70,425	20.43	3,987	6,178	6,776	10.26	18.2
67	42,119	12.24	64,979	18.84	71,479	20.72	4,057	6,287	6,893	10.22	18.1
68	42,731	12.41	65,937	19.10	72,533	21.01	4,128	6,396	7,011	10.18	18.1
69	43,343	12.58	66,895	19.36	73,587	21.30	4,198	6,505	7,128	10.14	18.0
70	43,955	12.75	67,853	19.62	74,641	21.59	4,269	6,614	7,246	10.10	17.9
71	44,567	12.92	68,811	19.88	75,695	21.88	4,339	6,723	7,363	10.06	17.9
72	45,179	13.09	69,769	20.14	76,749	22.17	4,410	6,832	7,481	10.02	17.8
73	45,791	13.26	70,727	20.40	77,803	22.46	4,480	6,941	7,598	10.00	17.8
74	46,403	13.43	71,685	20.66	78,857	22.75	4,551	7,050	7,716	9.96	17.7
75	47,015	13.60	72,643	20.92	79,911	23.04	4,621	7,159	7,833	9.94	17.7
76	47,627	13.77	73,601	21.18	80,965	23.33	4,692	7,268	7,951	9.90	17.6
77	48,239	13.94	74,559	21.44	82,019	23.62	4,762	7,377	8,068	9.88	17.6
78	48,851	14.11	75,517	21.70	83,073	23.91	4,833	7,486	8,186	9.84	17.5
79	49,463	14.28	76,475	21.96	84,127	24.20	4,903	7,595	8,303	9.82	17.5
80	50,075	14.45	77,433	22.22	85,181	24.49	4,974	7,704	8,421	9.78	17.4
81	50,687	14.62	78,391	22.48	86,235	24.78	5,044	7,813	8,538	9.76	17.4

Combination Data

¹Capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

²Cooling 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).

³Wiring cable size must comply with the applicable local and national codes.

⁴The specification may be subject to change without prior notice for purpose of improvement.

⁵Sum of connected indoor units capacity is 24–81 kBtu/h.

⁶At least two indoor units should be connected.



MULTI F MAX LMU600HV

Rated Cooling Combination Tables

MULTI F MULTI F MAX

Table 39: LMU600HV with Mixed Indoor Units — Rated Cooling Combination Table.

Total Indoor Unit Capacity (kBtu/h)	Cooling Capacity						Input (W)			EER	SEER
	Minimum		Rated		Maximum		Minimum	Rated	Maximum		
	Btu/h	kW	Btu/h	kW	Btu/h	kW					
24	15,529	4.6	23,890	7.0	26,279	7.70	1,005	1,558	1,796	15.34	20.5
25	16,165	4.7	24,869	7.3	27,356	8.02	1,074	1,664	1,911	14.94	20.5
26	16,801	4.9	25,848	7.6	28,433	8.33	1,142	1,771	2,026	14.60	20.5
27	17,438	5.1	26,827	7.9	29,510	8.65	1,211	1,877	2,141	14.29	20.5
28	18,074	5.3	27,806	8.1	30,587	8.96	1,280	1,984	2,255	14.02	20.4
29	18,711	5.5	28,785	8.4	31,664	9.28	1,349	2,090	2,370	13.77	20.4
30	19,347	5.7	29,764	8.7	32,741	9.60	1,417	2,197	2,485	13.55	20.4
31	19,983	5.9	30,744	9.0	33,818	9.91	1,486	2,304	2,600	13.35	20.3
32	20,620	6.0	31,723	9.3	34,895	10.23	1,555	2,410	2,714	13.16	20.3
33	21,256	6.23	32,702	9.58	35,972	10.54	1,624	2,517	2,829	12.99	20.3
34	21,893	6.42	33,681	9.87	37,049	10.86	1,692	2,623	2,944	12.84	20.3
35	22,529	6.60	34,660	10.16	38,126	11.17	1,761	2,730	3,059	12.70	20.2
36	23,165	6.79	35,639	10.45	39,203	11.49	1,830	2,836	3,173	12.57	20.2
37	23,802	6.98	36,618	10.73	40,280	11.81	1,899	2,943	3,288	12.44	20.2
38	24,438	7.16	37,597	11.02	41,357	12.12	1,967	3,049	3,403	12.33	20.1
39	25,075	7.35	38,576	11.31	42,434	12.44	2,036	3,156	3,518	12.22	20.1
40	25,711	7.54	39,555	11.59	43,511	12.75	2,105	3,262	3,632	12.12	20.1
41	26,347	7.72	40,534	11.88	44,588	13.07	2,174	3,369	3,747	12.03	20.1
42	26,984	7.91	41,513	12.17	45,665	13.38	2,242	3,476	3,862	11.94	20.0
43	27,620	8.09	42,493	12.45	46,742	13.70	2,311	3,582	3,977	11.86	20.0
44	28,257	8.28	43,472	12.74	47,819	14.01	2,380	3,689	4,091	11.79	20.0
45	28,893	8.47	44,451	13.03	48,896	14.33	2,449	3,795	4,206	11.71	19.9
46	29,529	8.65	45,430	13.31	49,973	14.65	2,517	3,902	4,321	11.64	19.9
47	30,166	8.84	46,409	13.60	51,050	14.96	2,586	4,008	4,436	11.58	19.9
48	30,802	9.03	47,388	13.89	52,127	15.28	2,655	4,115	4,550	11.52	19.8
49	31,439	9.21	48,367	14.18	53,204	15.59	2,724	4,221	4,665	11.46	19.8
50	32,075	9.40	49,346	14.46	54,281	15.91	2,792	4,328	4,780	11.40	19.8
51	32,711	9.59	50,325	14.75	55,358	16.22	2,861	4,435	4,895	11.35	19.8
52	33,348	9.77	51,304	15.04	56,435	16.54	2,930	4,541	5,009	11.30	19.7
53	33,984	9.96	52,283	15.32	57,512	16.86	2,998	4,648	5,124	11.25	19.7
54	34,621	10.15	53,262	15.61	58,589	17.17	3,067	4,754	5,239	11.20	19.7
55	35,257	10.33	54,241	15.89	59,666	17.48	3,136	4,861	5,354	11.15	19.6
56	35,893	10.51	55,220	16.17	60,743	17.79	3,205	4,967	5,468	11.11	19.6
57	36,529	10.69	56,199	16.45	61,820	18.10	3,273	5,074	5,583	11.06	19.6
58	37,165	10.88	57,178	16.73	62,897	18.40	3,342	5,180	5,698	11.02	19.6
59	37,801	11.06	58,157	17.01	63,974	18.71	3,411	5,287	5,813	10.98	19.5
60	38,438	11.24	59,136	17.29	65,051	19.01	3,480	5,394	5,927	10.94	19.5
61	39,074	11.42	60,115	17.57	66,128	19.32	3,549	5,501	6,041	10.90	19.4
62	39,711	11.60	61,094	17.85	67,205	19.62	3,618	5,608	6,155	10.86	19.4
63	40,347	11.78	62,073	18.13	68,282	19.93	3,687	5,715	6,269	10.82	19.3
64	40,984	11.96	63,052	18.41	69,359	20.23	3,756	5,822	6,383	10.78	19.3
65	41,620	12.14	64,031	18.69	70,436	20.54	3,825	5,929	6,497	10.74	19.2
66	42,257	12.32	65,010	18.97	71,513	20.84	3,894	6,036	6,611	10.70	19.1
67	42,893	12.50	65,989	19.25	72,590	21.15	3,963	6,143	6,725	10.66	19.1
68	43,529	12.68	66,968	19.52	73,667	21.45	4,032	6,250	6,839	10.62	19.0
69	44,165	12.86	67,947	19.80	74,744	21.76	4,101	6,357	6,953	10.58	19.0
70	44,801	13.04	68,926	20.08	75,821	22.06	4,170	6,464	7,067	10.54	18.9
71	45,438	13.22	69,905	20.36	76,898	22.37	4,239	6,571	7,181	10.50	18.9
72	46,074	13.40	70,884	20.64	77,975	22.67	4,308	6,678	7,295	10.46	18.8
73	46,711	13.58	71,863	20.92	79,052	22.98	4,377	6,785	7,409	10.42	18.7
74	47,347	13.76	72,842	21.20	80,129	23.28	4,446	6,892	7,523	10.38	18.7
75	47,984	13.94	73,821	21.48	81,206	23.59	4,515	7,000	7,637	10.34	18.6
76	48,620	14.12	74,800	21.76	82,283	23.89	4,584	7,107	7,751	10.30	18.6
77	49,257	14.30	75,779	22.04	83,360	24.20	4,653	7,214	7,865	10.26	18.5
78	49,893	14.48	76,758	22.32	84,437	24.50	4,722	7,321	7,979	10.22	18.4
79	50,529	14.66	77,737	22.60	85,514	24.81	4,791	7,428	8,093	10.18	18.4
80	51,165	14.84	78,716	22.88	86,591	25.11	4,860	7,535	8,207	10.14	18.3
81	51,801	15.02	79,695	23.16	87,668	25.42	4,929	7,642	8,321	10.10	18.3

¹Capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

²Cooling 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).

³Wiring cable size must comply with the applicable local and national codes.

⁴The specification may be subject to change without prior notice for purpose of improvement.

⁵Sum of connected indoor units capacity is 24-81 kBtu/h.

⁶At least two indoor units should be connected.

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Table 40: LMU600HV with Non-Ducted Indoor Units — Rated Heating Combination Table.

Total Indoor Unit Capacity (kBtu/h)	Heating Capacity						Input (W)			COP	HSPF
	Minimum		Rated		Maximum		Minimum	Rated	Maximum		
	Btu/h	kW	Btu/h	kW	Btu/h	kW					
24	17,940	5.26	27,600	8.09	28,980	8.49	1,280	1,984	2,182	4.1	11.9
25	18,688	5.48	28,750	8.43	30,188	8.85	1,340	2,077	2,284	4.1	11.9
26	19,435	5.70	29,900	8.76	31,395	9.20	1,400	2,170	2,386	4.0	11.9
27	20,183	5.92	31,050	9.10	32,603	9.56	1,460	2,263	2,488	4.0	11.8
28	20,930	6.13	32,200	9.44	33,810	9.91	1,520	2,356	2,589	4.0	11.8
29	21,678	6.35	33,350	9.77	35,018	10.26	1,580	2,449	2,691	4.0	11.8
30	22,425	6.57	34,500	10.11	36,225	10.62	1,640	2,542	2,793	4.0	11.8
31	23,173	6.79	35,650	10.45	37,433	10.97	1,700	2,635	2,895	4.0	11.7
32	23,920	7.01	36,800	10.79	38,640	11.32	1,760	2,728	2,996	4.0	11.7
33	24,668	7.23	37,950	11.12	39,848	11.68	1,820	2,821	3,098	3.9	11.7
34	25,415	7.45	39,100	11.46	41,055	12.03	1,880	2,914	3,200	3.9	11.7
35	26,163	7.67	40,250	11.80	42,263	12.39	1,940	3,007	3,302	3.9	11.6
36	26,910	7.89	41,400	12.13	43,470	12.74	2,000	3,100	3,403	3.9	11.6
37	27,658	8.11	42,550	12.47	44,678	13.09	2,060	3,193	3,505	3.9	11.6
38	28,405	8.33	43,700	12.81	45,885	13.45	2,120	3,286	3,607	3.9	11.6
39	29,153	8.54	44,850	13.14	47,093	13.80	2,180	3,379	3,708	3.9	11.5
40	29,900	8.76	46,000	13.48	48,300	14.16	2,240	3,472	3,810	3.9	11.5
41	30,648	8.98	47,150	13.82	49,508	14.51	2,300	3,565	3,912	3.9	11.5
42	31,395	9.20	48,300	14.16	50,715	14.86	2,360	3,659	4,014	3.9	11.5
43	32,143	9.42	49,450	14.49	51,923	15.22	2,420	3,752	4,115	3.9	11.4
44	32,890	9.64	50,600	14.83	53,130	15.57	2,480	3,845	4,217	3.9	11.4
45	33,638	9.86	51,750	15.17	54,338	15.93	2,540	3,938	4,319	3.9	11.4
46	34,385	10.08	52,900	15.51	55,545	16.29	2,600	4,031	4,421	3.8	11.4
47	35,133	10.30	54,050	15.85	56,753	16.64	2,660	4,124	4,522	3.8	11.3
48	35,880	10.52	55,200	16.19	57,960	17.00	2,720	4,217	4,624	3.8	11.3
49	36,628	10.74	56,350	16.53	59,168	17.35	2,780	4,310	4,726	3.8	11.3
50	37,375	10.96	57,500	16.87	60,375	17.71	2,840	4,403	4,828	3.8	11.3
51	38,123	11.18	58,650	17.21	61,583	18.06	2,900	4,496	4,929	3.8	11.2
52	38,870	11.40	59,800	17.55	62,790	18.42	2,960	4,589	5,031	3.7	11.2
53	39,618	11.62	60,950	17.89	64,000	18.77	3,020	4,682	5,133	3.7	11.2
54	40,365	11.84	62,100	18.23	65,208	19.13	3,080	4,775	5,235	3.7	11.2
55	41,113	12.06	63,250	18.57	66,416	19.48	3,140	4,868	5,336	3.6	11.1
56	41,860	12.28	64,400	18.91	67,624	19.84	3,200	4,961	5,438	3.6	11.1
57	42,608	12.50	65,550	19.25	68,832	20.19	3,260	5,054	5,540	3.6	11.1
58	43,355	12.72	66,700	19.59	70,040	20.55	3,320	5,147	5,642	3.6	11.1
59	44,103	12.94	67,850	19.93	71,248	20.90	3,380	5,240	5,743	3.5	11.0
60	44,850	13.16	69,000	20.27	72,456	21.26	3,440	5,333	5,845	3.5	11.0
61	45,598	13.38	70,150	20.61	73,664	21.61	3,500	5,426	5,946	3.5	11.0
62	46,345	13.60	71,300	20.95	74,872	21.97	3,560	5,519	6,048	3.5	10.9
63	47,093	13.82	72,450	21.29	76,080	22.32	3,620	5,612	6,149	3.5	10.9
64	47,840	14.04	73,600	21.63	77,288	22.68	3,680	5,705	6,251	3.5	10.8
65	48,588	14.26	74,750	21.97	78,496	23.03	3,740	5,798	6,352	3.5	10.8
66	49,335	14.48	75,900	22.31	79,704	23.39	3,800	5,891	6,454	3.5	10.8
67	50,083	14.70	77,050	22.65	80,912	23.74	3,860	5,984	6,555	3.5	10.7
68	50,830	14.92	78,200	22.99	82,120	24.10	3,920	6,077	6,657	3.5	10.7
69	51,578	15.14	79,350	23.33	83,328	24.45	3,980	6,170	6,758	3.5	10.7
70	52,325	15.36	80,500	23.67	84,536	24.81	4,040	6,263	6,860	3.4	10.6
71	53,073	15.58	81,650	24.01	85,744	25.16	4,100	6,356	6,961	3.4	10.6
72	53,820	15.80	82,800	24.35	86,952	25.52	4,160	6,449	7,063	3.4	10.5
73	54,568	16.02	83,950	24.69	88,160	25.87	4,220	6,542	7,164	3.4	10.5
74	55,315	16.24	85,100	25.03	89,368	26.23	4,280	6,635	7,266	3.4	10.5
75	56,063	16.46	86,250	25.37	90,576	26.58	4,340	6,728	7,367	3.4	10.4
76	56,810	16.68	87,400	25.71	91,784	26.94	4,400	6,821	7,469	3.4	10.4
77	57,558	16.90	88,550	26.05	92,992	27.29	4,460	6,914	7,570	3.4	10.4
78	58,305	17.12	89,700	26.39	94,200	27.65	4,520	7,007	7,672	3.4	10.3
79	59,053	17.34	90,850	26.73	95,408	28.00	4,580	7,100	7,773	3.4	10.3
80	59,800	17.56	92,000	27.07	96,616	28.36	4,640	7,193	7,875	3.4	10.2
81	60,548	17.78	93,150	27.41	97,824	28.71	4,700	7,286	7,976	3.4	10.2

Combination Data

¹Capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

²Heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

³Wiring cable size must comply with the applicable local and national codes.

⁴The specification may be subject to change without prior notice for purpose of improvement.

⁵Sum of connected indoor units capacity is 24-81 kBtu/h.

⁶At least two indoor units should be connected.



MULTI F MAX LMU600HV

Rated Heating Combination Tables

MULTI F
MULTI F MAX

Table 41: LMU600HV with Ducted Indoor Units — Rated Heating Combination Table.

Total Indoor Unit Capacity (kBtu/h)	Heating Capacity						Input (W)			COP	HSPF
	Minimum		Rated		Maximum		Minimum	Rated	Maximum		
	Btu/h	kW	Btu/h	kW	Btu/h	kW					
24	17,940	5.26	27,600	8.09	28,980	8.49	1,359	2,107	2,318	3.84	11.4
25	18,688	5.48	28,750	8.43	30,188	8.85	1,423	2,206	2,426	3.82	11.3
26	19,435	5.70	29,900	8.76	31,395	9.20	1,487	2,305	2,534	3.80	11.3
27	20,183	5.92	31,050	9.10	32,603	9.56	1,551	2,404	2,642	3.79	11.3
28	20,930	6.13	32,200	9.44	33,810	9.91	1,614	2,502	2,750	3.77	11.3
29	21,678	6.35	33,350	9.77	35,018	10.26	1,678	2,601	2,858	3.76	11.2
30	22,425	6.57	34,500	10.11	36,225	10.62	1,742	2,700	2,966	3.75	11.2
31	23,173	6.79	35,650	10.45	37,433	10.97	1,806	2,799	3,074	3.73	11.2
32	23,920	7.01	36,800	10.79	38,640	11.32	1,869	2,898	3,182	3.72	11.2
33	24,668	7.23	37,950	11.12	39,848	11.68	1,933	2,996	3,290	3.71	11.1
34	25,415	7.45	39,100	11.46	41,055	12.03	1,997	3,095	3,398	3.70	11.1
35	26,163	7.67	40,250	11.80	42,263	12.39	2,061	3,194	3,506	3.69	11.1
36	26,910	7.89	41,400	12.13	43,470	12.74	2,124	3,293	3,614	3.68	11.1
37	27,658	8.11	42,550	12.47	44,678	13.09	2,188	3,392	3,723	3.68	11.0
38	28,405	8.33	43,700	12.81	45,885	13.45	2,252	3,490	3,831	3.67	11.0
39	29,153	8.54	44,850	13.14	47,093	13.80	2,316	3,589	3,939	3.66	11.0
40	29,900	8.76	46,000	13.48	48,300	14.16	2,379	3,688	4,047	3.66	11.0
41	30,648	8.98	47,150	13.82	49,508	14.51	2,443	3,787	4,155	3.65	11.0
42	31,395	9.20	48,300	14.16	50,715	14.86	2,507	3,886	4,263	3.64	10.9
43	32,143	9.42	49,450	14.49	51,923	15.22	2,571	3,984	4,371	3.64	10.9
44	32,890	9.64	50,600	14.83	53,130	15.57	2,634	4,083	4,479	3.63	10.9
45	33,638	9.86	51,750	15.17	54,338	15.93	2,698	4,182	4,587	3.63	10.9
46	34,213	10.03	52,636	15.43	55,267	16.20	2,762	4,281	4,695	3.60	10.8
47	34,781	10.19	53,510	15.68	56,185	16.47	2,826	4,380	4,803	3.58	10.8
48	35,521	10.41	54,648	16.02	57,380	16.82	2,889	4,478	4,911	3.58	10.8
49	36,261	10.63	55,787	16.35	58,576	17.17	2,953	4,577	5,019	3.57	10.8
50	37,001	10.84	56,925	16.68	59,771	17.52	3,017	4,676	5,127	3.57	10.7
51	37,461	10.98	57,633	16.89	60,514	17.74	3,081	4,775	5,235	3.54	10.7
52	37,921	11.11	58,340	17.10	61,257	17.95	3,144	4,874	5,343	3.51	10.7
53	38,381	11.25	59,048	17.31	62,000	18.17	3,208	4,972	5,451	3.48	10.7
54	38,841	11.38	59,755	17.51	62,743	18.39	3,272	5,071	5,559	3.45	10.6
55	39,301	11.52	60,463	17.72	63,486	18.61	3,335	5,170	5,668	3.43	10.6
56	39,761	11.65	61,170	17.93	64,229	18.82	3,399	5,269	5,776	3.40	10.6
57	40,220	11.79	61,878	18.14	64,971	19.04	3,463	5,368	5,884	3.38	10.6
58	40,680	11.92	62,585	18.34	65,714	19.26	3,527	5,466	5,992	3.36	10.5
59	41,140	12.06	63,293	18.55	66,457	19.48	3,590	5,565	6,100	3.33	10.5
60	41,600	12.19	64,000	18.76	67,200	19.70	3,654	5,664	6,208	3.31	10.5
61	41,680	12.22	64,124	18.79	67,333	19.73	3,665	5,680	6,218	3.31	10.5
62	41,761	12.24	64,248	18.83	67,467	19.77	3,675	5,696	6,229	3.31	10.4
63	41,841	12.26	64,371	18.87	67,600	19.81	3,686	5,713	6,240	3.30	10.4
64	41,922	12.29	64,495	18.90	67,733	19.85	3,696	5,729	6,250	3.30	10.4
65	42,002	12.31	64,619	18.94	67,867	19.89	3,706	5,745	6,261	3.30	10.3
66	42,083	12.33	64,743	18.98	68,000	19.93	3,717	5,761	6,271	3.29	10.3
67	42,163	12.36	64,867	19.01	68,133	19.97	3,727	5,777	6,282	3.29	10.2
68	42,244	12.38	64,990	19.05	68,267	20.01	3,738	5,794	6,292	3.29	10.2
69	42,324	12.40	65,114	19.08	68,400	20.05	3,748	5,810	6,303	3.28	10.2
70	42,405	12.43	65,238	19.12	68,533	20.09	3,759	5,826	6,314	3.28	10.1
71	42,485	12.45	65,362	19.16	68,667	20.13	3,769	5,842	6,324	3.28	10.1
72	42,566	12.48	65,486	19.19	68,800	20.16	3,780	5,858	6,335	3.28	10.1
73	42,646	12.50	65,610	19.23	68,933	20.20	3,790	5,874	6,345	3.27	10.0
74	42,727	12.52	65,733	19.27	69,067	20.24	3,800	5,891	6,356	3.27	10.0
75	42,807	12.55	65,857	19.30	69,200	20.28	3,811	5,907	6,367	3.27	10.0
76	42,888	12.57	65,981	19.34	69,333	20.32	3,821	5,923	6,377	3.26	9.9
77	42,968	12.59	66,105	19.37	69,467	20.36	3,832	5,939	6,388	3.26	9.9
78	43,049	12.62	66,229	19.41	69,600	20.40	3,842	5,955	6,398	3.26	9.8
79	43,129	12.64	66,352	19.45	69,733	20.44	3,853	5,972	6,409	3.26	9.8
80	43,210	12.66	66,476	19.48	69,867	20.48	3,863	5,988	6,419	3.25	9.8
81	43,290	12.69	66,600	19.52	70,000	20.52	3,874	6,004	6,430	3.25	9.7

¹Capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

²Heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

³Wiring cable size must comply with the applicable local and national codes.

⁴The specification may be subject to change without prior notice for purpose of improvement.

⁵Sum of connected indoor units capacity is 24–81 kBtu/h.

⁶At least two indoor units should be connected.



Multi F / Multi F MAX Heat Pump System Combination Data Manual

Table 42: LMU600HV with Mixed Indoor Units — Rated Heating Combination Table.

Total Indoor Unit Capacity (kBtu/h)	Heating Capacity						Input (W)			COP	HSPF
	Minimum		Rated		Maximum		Minimum	Rated	Maximum		
	Btu/h	kW	Btu/h	kW	Btu/h	kW					
24	17,940	5.26	27,600	8.09	28,980	8.49	1,320	2,046	2,250	3.95	11.6
25	18,688	5.48	28,750	8.43	30,188	8.85	1,382	2,141	2,355	3.93	11.6
26	19,435	5.70	29,900	8.76	31,395	9.20	1,443	2,237	2,460	3.92	11.6
27	20,183	5.92	31,050	9.10	32,603	9.56	1,505	2,333	2,565	3.90	11.6
28	20,930	6.13	32,200	9.44	33,810	9.91	1,567	2,429	2,670	3.88	11.5
29	21,678	6.35	33,350	9.77	35,018	10.26	1,629	2,525	2,775	3.87	11.5
30	22,425	6.57	34,500	10.11	36,225	10.62	1,691	2,621	2,880	3.86	11.5
31	23,173	6.79	35,650	10.45	37,433	10.97	1,753	2,717	2,984	3.85	11.5
32	23,920	7.01	36,800	10.79	38,640	11.32	1,815	2,813	3,089	3.83	11.4
33	24,668	7.23	37,950	11.12	39,848	11.68	1,877	2,909	3,194	3.82	11.4
34	25,415	7.45	39,100	11.46	41,055	12.03	1,939	3,005	3,299	3.81	11.4
35	26,163	7.67	40,250	11.80	42,263	12.39	2,000	3,101	3,404	3.80	11.4
36	26,910	7.89	41,400	12.13	43,470	12.74	2,062	3,197	3,509	3.80	11.3
37	27,658	8.11	42,550	12.47	44,678	13.09	2,124	3,292	3,614	3.79	11.3
38	28,405	8.33	43,700	12.81	45,885	13.45	2,186	3,388	3,719	3.78	11.3
39	29,153	8.54	44,850	13.14	47,093	13.80	2,248	3,484	3,824	3.77	11.3
40	29,900	8.76	46,000	13.48	48,300	14.16	2,310	3,580	3,928	3.77	11.2
41	30,648	8.98	47,150	13.82	49,508	14.51	2,372	3,676	4,033	3.76	11.2
42	31,395	9.20	48,300	14.16	50,715	14.86	2,434	3,772	4,138	3.75	11.2
43	32,143	9.42	49,450	14.49	51,923	15.22	2,495	3,868	4,243	3.75	11.2
44	32,890	9.64	50,600	14.83	53,130	15.57	2,557	3,964	4,348	3.74	11.1
45	33,638	9.86	51,750	15.17	54,338	15.93	2,619	4,060	4,453	3.74	11.1
46	34,385	10.08	52,900	15.51	55,545	16.28	2,681	4,156	4,558	3.71	11.1
47	35,133	10.30	54,050	15.85	56,752	16.63	2,743	4,252	4,663	3.69	11.1
48	35,880	10.52	55,200	16.19	57,959	16.98	2,805	4,348	4,768	3.68	11.0
49	36,628	10.74	56,350	16.53	59,166	17.33	2,867	4,443	4,873	3.68	11.0
50	37,375	10.96	57,500	16.87	60,373	17.68	2,929	4,539	4,977	3.68	11.0
51	38,123	11.18	58,650	17.21	61,580	18.03	2,990	4,635	5,082	3.64	11.0
52	38,870	11.40	59,800	17.55	62,787	18.38	3,052	4,731	5,187	3.61	10.9
53	39,618	11.62	60,950	17.89	64,000	18.73	3,114	4,827	5,292	3.59	10.9
54	40,365	11.84	62,100	18.23	65,207	19.08	3,176	4,923	5,397	3.56	10.9
55	41,113	12.06	63,250	18.57	66,414	19.43	3,238	5,019	5,502	3.53	10.9
56	41,860	12.28	64,400	18.91	67,621	19.78	3,300	5,115	5,607	3.51	10.8
57	42,608	12.50	65,550	19.25	68,828	20.13	3,362	5,211	5,712	3.48	10.8
58	43,355	12.72	66,700	19.59	70,035	20.48	3,424	5,307	5,817	3.46	10.8
59	44,103	12.94	67,850	19.93	71,242	20.83	3,486	5,403	5,921	3.43	10.8
60	44,850	13.16	69,000	20.27	72,449	21.18	3,547	5,499	6,026	3.41	10.8
61	45,598	13.38	70,150	20.61	73,656	21.53	3,609	5,595	6,131	3.41	10.7
62	46,345	13.60	71,300	20.95	74,863	21.88	3,671	5,691	6,236	3.40	10.7
63	47,093	13.82	72,450	21.29	76,070	22.23	3,733	5,787	6,341	3.40	10.6
64	47,840	14.04	73,600	21.63	77,277	22.58	3,795	5,883	6,446	3.39	10.6
65	48,588	14.26	74,750	21.97	78,484	22.93	3,857	5,979	6,551	3.39	10.6
66	49,335	14.48	75,900	22.31	79,691	23.28	3,919	6,075	6,656	3.38	10.5
67	50,083	14.70	77,050	22.65	80,898	23.63	3,981	6,171	6,761	3.38	10.5
68	50,830	14.92	78,200	22.99	82,105	23.98	4,043	6,267	6,866	3.37	10.5
69	51,578	15.14	79,350	23.33	83,312	24.33	4,105	6,363	6,971	3.37	10.4
70	52,325	15.36	80,500	23.67	84,519	24.68	4,167	6,459	7,076	3.36	10.4
71	53,073	15.58	81,650	24.01	85,726	25.03	4,229	6,555	7,181	3.36	10.3
72	53,820	15.80	82,800	24.35	86,933	25.38	4,291	6,651	7,286	3.35	10.3
73	54,568	16.02	83,950	24.69	88,140	25.73	4,353	6,747	7,391	3.35	10.3
74	55,315	16.24	85,100	25.03	89,347	26.08	4,415	6,843	7,496	3.34	10.2
75	56,063	16.46	86,250	25.37	90,554	26.43	4,477	6,939	7,601	3.34	10.2
76	56,810	16.68	87,400	25.71	91,761	26.78	4,539	7,035	7,706	3.33	10.2
77	57,558	16.90	88,550	26.05	92,968	27.13	4,601	7,131	7,811	3.33	10.2
78	58,305	17.12	89,700	26.39	94,175	27.48	4,663	7,227	7,916	3.33	10.1
79	59,053	17.34	90,850	26.73	95,382	27.83	4,725	7,323	8,021	3.32	10.1
80	59,800	17.56	92,000	27.07	96,589	28.18	4,787	7,419	8,126	3.32	10.0
81	60,548	17.78	93,150	27.41	97,796	28.53	4,849	7,515	8,231	3.31	10.0

¹Capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

²Heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

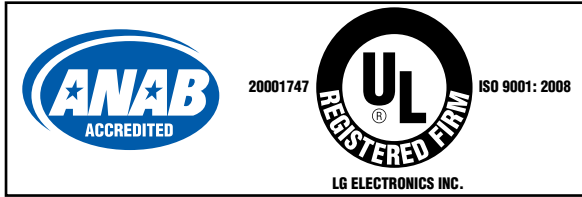
³Wiring cable size must comply with the applicable local and national codes.

⁴The specification may be subject to change without prior notice for purpose of improvement.

⁵Sum of connected indoor units capacity is 24-81 kBtu/h.

⁶At least two indoor units should be connected.

Inverter



LG Electronics, U.S.A., Inc.
Air Conditioning Technologies
4300 North Point Parkway
Alpharetta, Georgia 30022
www.lghvac.com

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