

OUTDOOR UNIT

TECHNICAL DATA



**No. OBD747
REVISED EDITION-A**

Models

MUZ-HM09NA - U1, U2, U8

MUZ-HM09NA2 - U1, U8

MUZ-HM09NAH - U1

MUZ-HM12NA - U1, U2, U8

MUZ-HM12NA2 - U1, U8

MUZ-HM12NAH - U1

MUZ-HM15NA - U1, U2

MUZ-HM15NA2 - U1

MUZ-HM15NAH - U1

MUZ-HM18NA - U1, U2

MUZ-HM18NA2 - U1

MUZ-HM18NAH - U1

MUZ-HM24NA - U1

MUZ-HM24NA2 - U1

MUZ-HM24NAH - U1

Indoor unit technical data

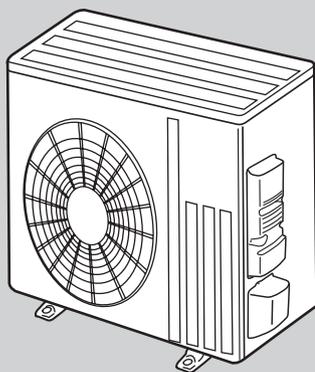
MSZ-HM•NA Series (OBD746 in M-E0764)

Indoor unit service manual

MSZ-HM•NA Series (OBH746)

Outdoor unit service manual

MUZ-HM•NA Series (OBH747)



MUZ-HM24NA

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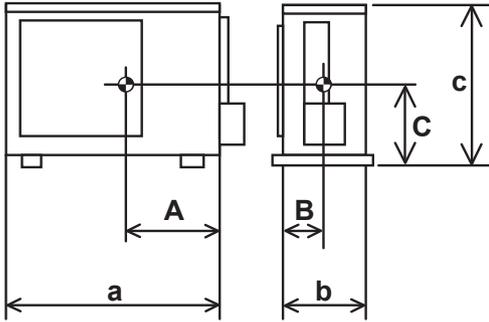
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Revision A:

• MUZ-HM09/12/15/18NA-^[u2] and
 MUZ-HM09/12/15/18/24NAH-^[u1] have been added.

1**POSITION OF THE CENTER OF GRAVITY**

Unit: inch(mm)

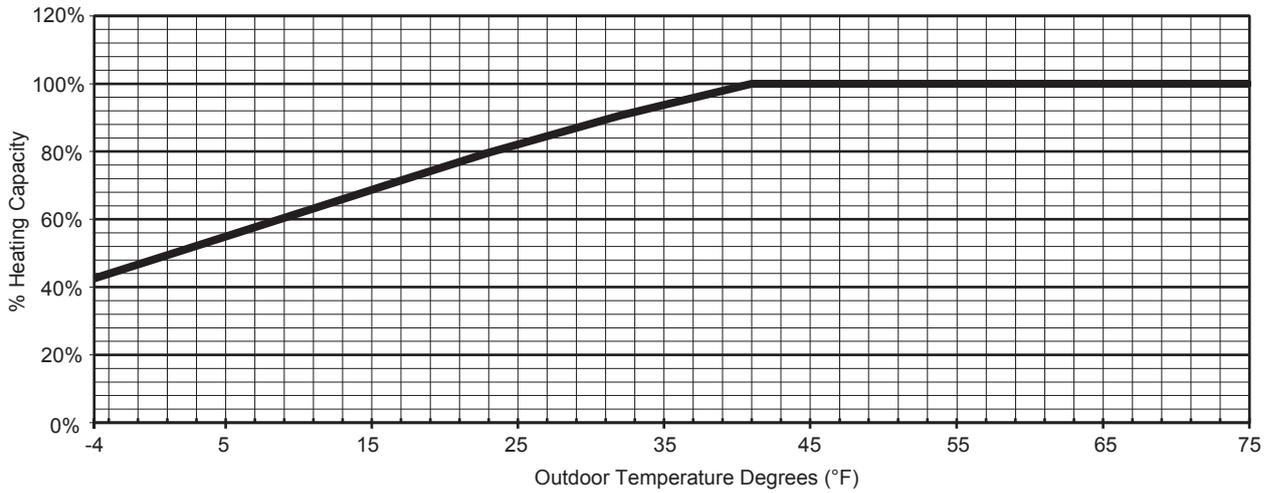


Model name	A	B	C	a	b	c
MUZ-HM09NA						
MUZ-HM12NA						
MUZ-HM15NA						
MUZ-HM18NA	11-1/16 (280)	5-9/16 (140)	9-1/2 (240)	31-1/2 (800)	11-1/4 (285)	21-5/8 (550)
MUZ-HM09NAH						
MUZ-HM12NAH						
MUZ-HM15NAH						
MUZ-HM18NAH						
MUZ-HM24NA	12-5/8 (320)	6-7/16 (163)	15-3/4 (400)	33-2/16 (840)	13 (330)	34-11/16 (880)
MUZ-HM24NAH						

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MAX. HEATING CAPACITY IN LOW AMBIENT TEMPERATURE

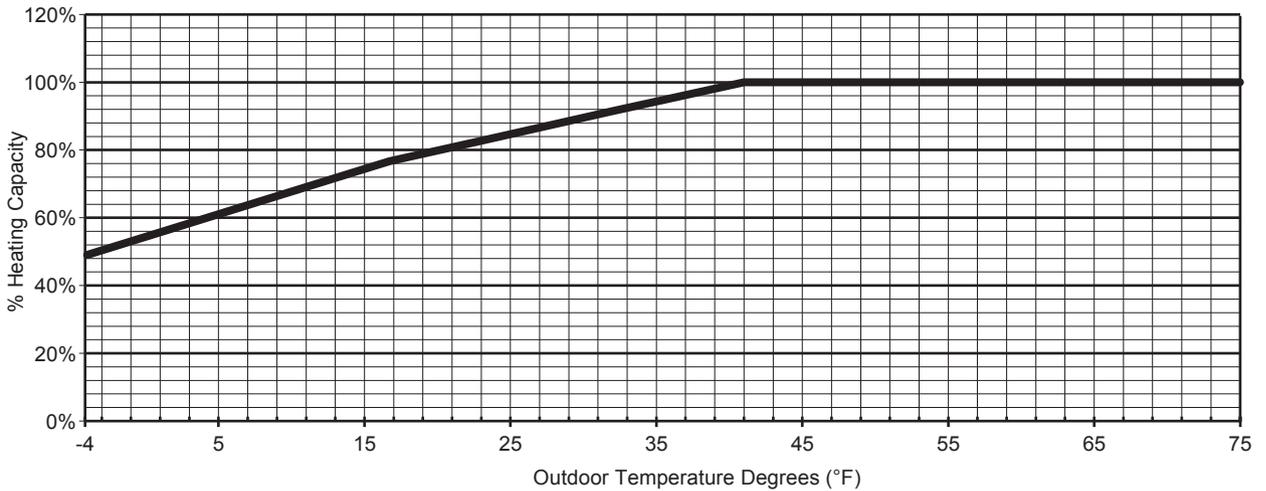
MUZ-HM09NA MUZ-HM09NAH



HEATING CAPACITY

Outdoor Temperature Degrees (°F)	-4.0	5.0	14.0	23.0	32.0	41.0	50.0	69.8	75.0
% Heating Capacity	43%	55%	67%	80%	91%	100%	100%	100%	100%

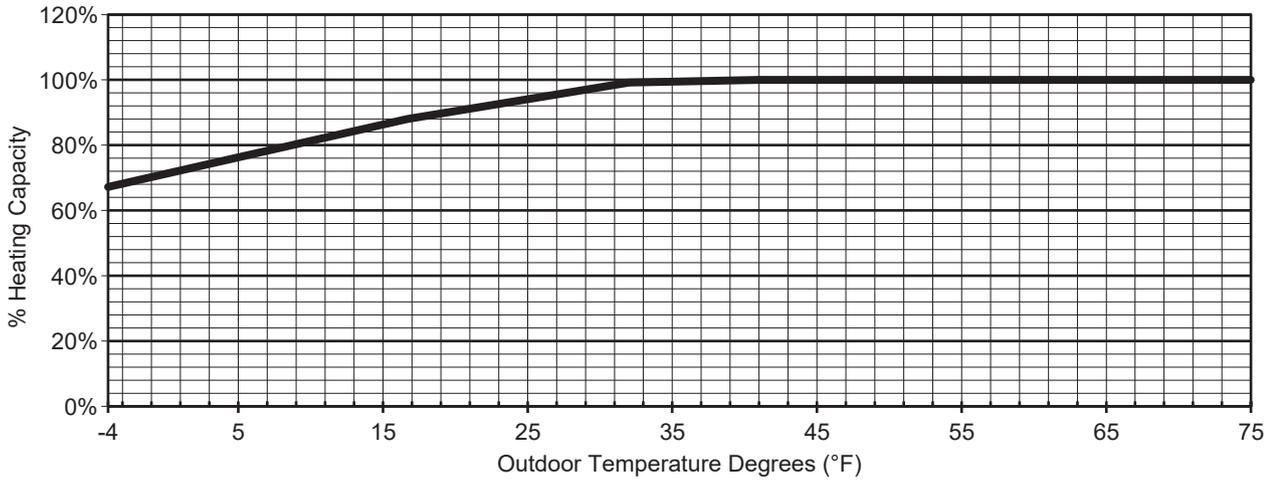
MUZ-HM12NA MUZ-HM12NAH



HEATING CAPACITY

Outdoor Temperature Degrees (°F)	-4.0	5.0	14.0	23.0	32.0	41.0	50.0	69.8	75.0
% Heating Capacity	48%	61%	74%	83%	92%	100%	100%	100%	100%

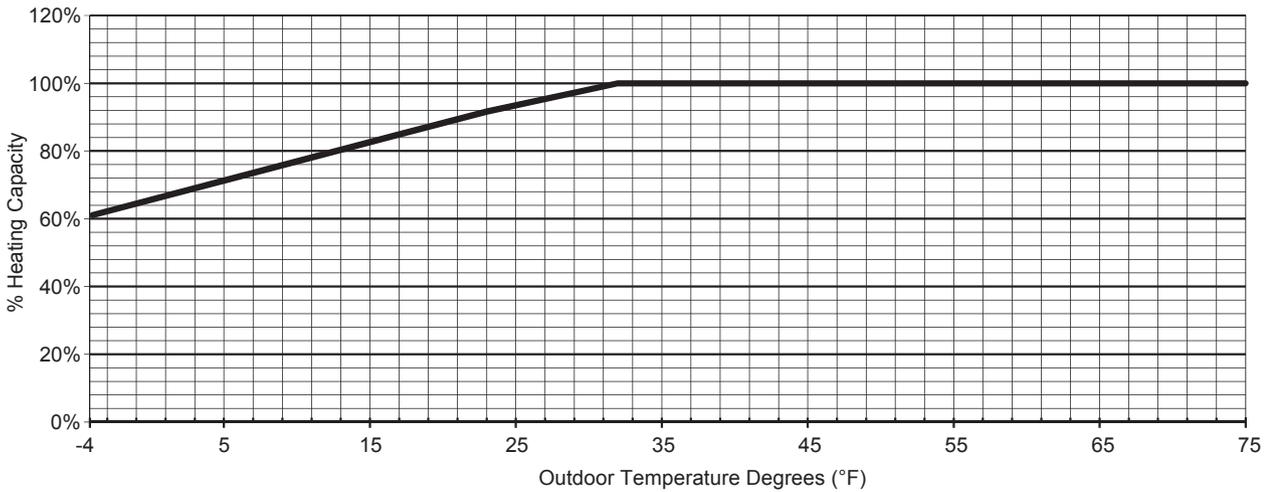
MUZ-HM15NA MUZ-HM15NAH



HEATING CAPACITY

Outdoor Temperature Degrees (°F)	-4.0	5.0	14.0	23.0	32.0	41.0	50.0	69.8	75.0
% Heating Capacity	67%	76%	85%	93%	99%	100%	100%	100%	100%

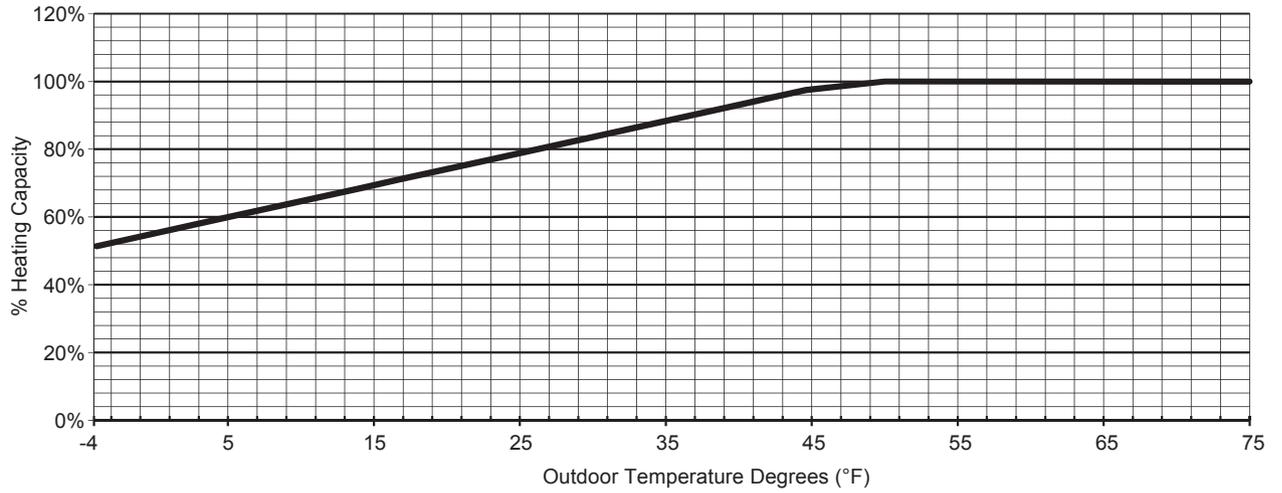
MUZ-HM18NA MUZ-HM18NAH



HEATING CAPACITY

Outdoor Temperature Degrees (°F)	-4.0	5.0	14.0	23.0	32.0	41.0	50.0	69.8	75.0
% Heating Capacity	61%	71%	81%	92%	100%	100%	100%	100%	100%

MUZ-HM24NA MUZ-HM24NAH

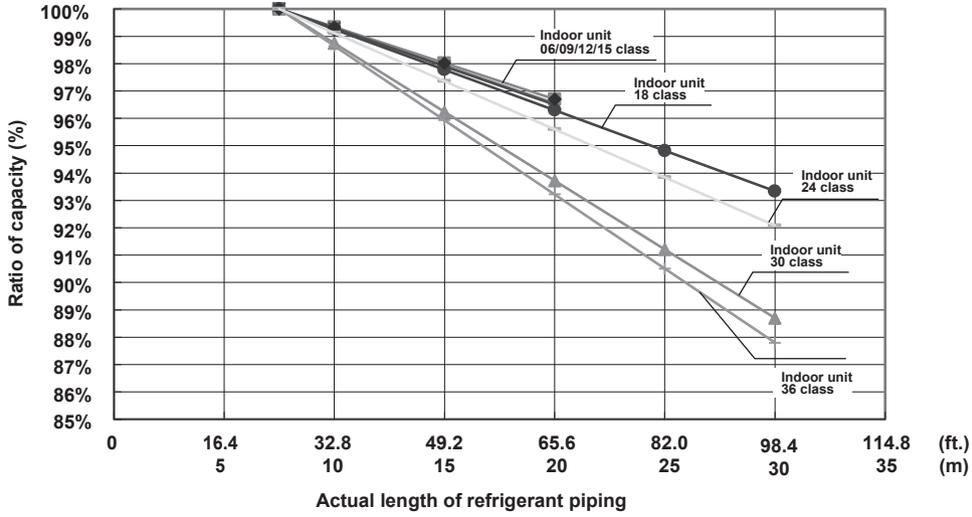


HEATING CAPACITY

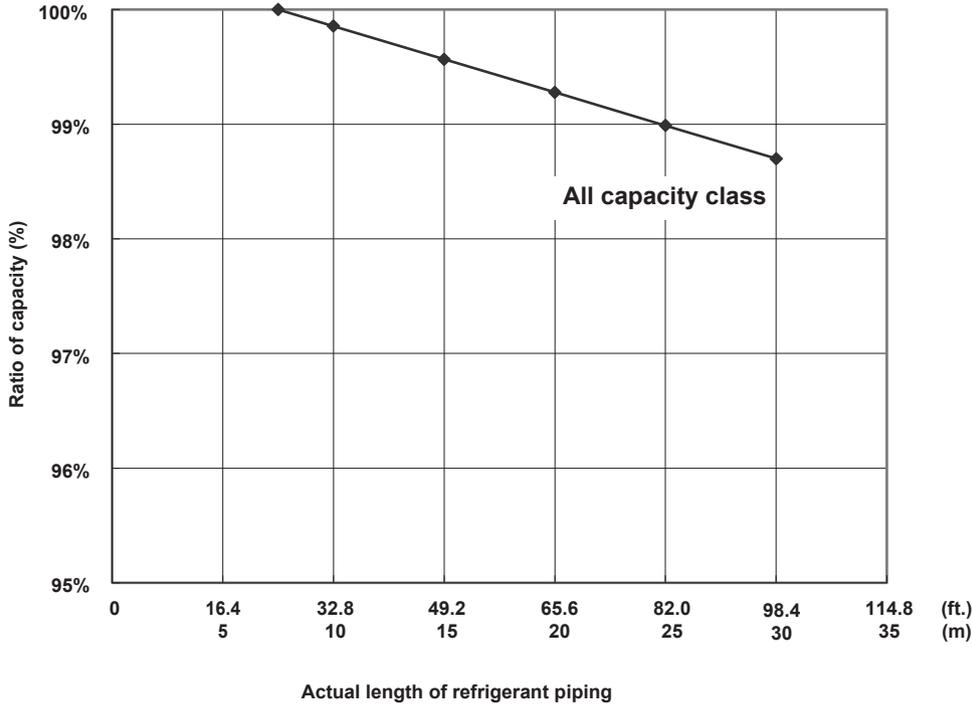
Outdoor Temperature Degrees (°F)	-4.0	5.0	14.0	23.0	32.0	41.0	50.0	69.8	75.0
% Heating Capacity	51%	60%	68%	77%	86%	94%	100%	100%	100%

CAPACITY CORRECTION RATIO CURVE FOR PIPING LENGTH

Correction ratio of capacity according to the length of piping (cooling)



Correction ratio of capacity according to the length of piping (heating)



The length intended for the capacity calculation, which counts the length of refrigerant piping and the number of bends, is called actual length.

$$\text{Length of refrigerant piping (ft.)} + (\text{Number of bends} \times 0.984 \text{ ft.}) = \text{Actual length of refrigerant piping (ft.)}$$

$$[\text{Length of refrigerant piping (m)} + (\text{Number of bends} \times 0.3 \text{ m}) = \text{Actual length of refrigerant piping (m)}]$$

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PART LOAD CAPACITY CHART

MSZ-HM09NA
MUZ-HM09NA
1) COOLING

Rated
 Q(Btu/h): 9000
 W: 750

Indoor W.B. Outdoor D.B. (°F) (°C)	71°F / 21.7°C						67°F / 19.4°C						63°F / 17.2°C					
	Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.
115 46.1 Q(Btu/h)	9030	8280	6790	4560	-	3430	8550	7700	6440	4330	-	3250	8030	7020	6050	4060	-	3050
W	1010	860	760	530	-	280	940	830	710	480	-	270	900	800	680	480	-	260
110 43.3 Q(Btu/h)	9430	8640	7100	4760	-	3580	8930	8040	6730	4520	-	3390	8390	7360	6320	4240	-	3180
W	980	850	740	510	-	270	920	820	690	460	-	260	880	790	660	460	-	250
105 40.6 Q(Btu/h)	9820	9000	7390	4970	-	3730	9300	8370	7010	4720	-	3530	8740	7700	6580	4420	-	3310
W	960	830	730	500	-	260	900	800	680	450	-	250	860	770	650	450	-	240
100 37.8 Q(Btu/h)	10190	9340	7670	5150	-	3880	9650	8690	7270	4890	-	3670	9070	8080	6830	4580	-	3450
W	940	810	720	500	-	260	880	780	670	450	-	250	840	750	640	450	-	240
95 35.0 Q(Btu/h)	10560	9680	7940	5330	-	4020	10000	9000	7530	5060	-	3800	9400	8460	7070	4740	-	3570
W	910	790	690	490	-	250	850	750	640	440	-	240	810	720	620	440	-	230
90 32.2 Q(Btu/h)	10980	10000	8260	5540	-	4170	10400	9360	7830	5260	-	3950	9770	8780	7360	4930	-	3710
W	880	760	670	460	-	240	820	720	620	410	-	230	790	690	600	410	-	220
85 29.4 Q(Btu/h)	11410	10310	8580	5760	-	4330	10800	9720	8130	5470	-	4100	10150	9090	7640	5130	-	3850
W	850	730	630	450	-	230	790	690	590	400	-	220	760	660	570	400	-	210
80 26.7 Q(Btu/h)	11830	10670	8900	5980	-	4500	11200	10080	8440	5680	-	4260	10520	9450	7930	5320	-	4000
W	800	700	610	430	-	220	750	660	570	390	-	210	720	630	550	390	-	200
75 23.9 Q(Btu/h)	12250	11030	9220	6200	-	4660	11600	10440	8740	5890	-	4410	10900	9810	8210	5520	-	4140
W	760	670	570	390	-	210	710	630	530	350	-	200	680	600	510	350	-	190
70 21.1 Q(Btu/h)	12670	11410	9540	6400	-	4820	12000	10800	9040	6080	-	4560	11280	10150	8490	5700	-	4280
W	730	640	550	380	-	200	680	600	510	340	-	190	650	570	490	340	-	180
65 18.3 Q(Btu/h)	10820	9750	8160	5480	-	4180	10250	9230	7730	5210	-	3950	9640	8670	7260	4880	-	3710
W	830	730	630	450	-	330	770	680	580	400	-	310	740	650	560	400	-	290
60 15.6 Q(Btu/h)	10820	9750	8160	5480	-	4180	10250	9230	7730	5210	-	3950	9640	8670	7260	4880	-	3710
W	830	730	630	450	-	330	770	680	580	400	-	310	740	650	560	400	-	290
55 12.8 Q(Btu/h)	10820	9750	8160	5480	-	4180	10250	9230	7730	5210	-	3950	9640	8670	7260	4880	-	3710
W	830	730	630	450	-	330	770	680	580	400	-	310	740	650	560	400	-	290
50 10.0 Q(Btu/h)	10820	9750	8160	5480	-	4180	10250	9230	7730	5210	-	3950	9640	8670	7260	4880	-	3710
W	830	730	630	450	-	330	770	680	580	400	-	310	740	650	560	400	-	290
45 7.2 Q(Btu/h)	10820	9750	8160	5480	-	4180	10250	9230	7730	5210	-	3950	9640	8670	7260	4880	-	3710
W	830	730	630	450	-	330	770	680	580	400	-	310	740	650	560	400	-	290
40 4.4 Q(Btu/h)	10820	9750	8160	5480	-	4180	10250	9230	7730	5210	-	3950	9640	8670	7260	4880	-	3710
W	830	730	630	450	-	330	770	680	580	400	-	310	740	650	560	400	-	290
35 1.7 Q(Btu/h)	10820	9750	8160	5480	-	4180	10250	9230	7730	5210	-	3950	9640	8670	7260	4880	-	3710
W	830	730	630	450	-	330	770	680	580	400	-	310	740	650	560	400	-	290
30 -1.1 Q(Btu/h)	10820	9750	8160	5480	-	4180	10250	9230	7730	5210	-	3950	9640	8670	7260	4880	-	3710
W	830	730	630	450	-	330	770	680	580	400	-	310	740	650	560	400	-	290
25 -3.9 Q(Btu/h)	10820	9750	8160	5480	-	4180	10250	9230	7730	5210	-	3950	9640	8670	7260	4880	-	3710
W	830	730	630	450	-	330	770	680	580	400	-	310	740	650	560	400	-	290
20 -6.7 Q(Btu/h)	10820	9750	8160	5480	-	4180	10250	9230	7730	5210	-	3950	9640	8670	7260	4880	-	3710
W	830	730	630	450	-	330	770	680	580	400	-	310	740	650	560	400	-	290
15 -9.4 Q(Btu/h)	10820	9750	8160	5480	-	4180	10250	9230	7730	5210	-	3950	9640	8670	7260	4880	-	3710
W	830	730	630	450	-	330	770	680	580	400	-	310	740	650	560	400	-	290

* It may not reach the above capacities in low ambient temperatures.

MSZ-HM09NA
MUZ-HM09NA
2) HEATING

Rated
 Q(Btu/h): 10900
 W: 900

Indoor D.B. Outdoor W.B. (°F) (°C)			78.8°F / 26.0°C						70°F / 21.1°C						59°F / 15.0°C					
			Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.
65	18.3	Q(Btu/h)	14610	13620	11030	7300	-	4860	15200	14170	11480	7600	-	5060	15790	14720	11930	7900	-	5260
		W	1320	1020	990	660	-	440	1250	970	940	630	-	420	1180	920	890	600	-	400
60	15.6	Q(Btu/h)	13900	12880	10510	6950	-	4640	14500	13440	10960	7250	-	4840	15100	14000	11410	7550	-	5040
		W	1250	1010	950	620	-	410	1190	960	900	590	-	390	1130	910	850	560	-	370
55	12.8	Q(Btu/h)	13180	12130	9960	6590	-	4390	13800	12700	10430	6900	-	4600	14420	13270	10900	7210	-	4810
		W	1190	1000	910	600	-	400	1130	950	860	570	-	380	1070	900	810	540	-	360
50	10.0	Q(Btu/h)	12420	11390	9390	6220	-	4150	13050	11970	9860	6530	-	4360	13680	12550	10330	6840	-	4570
		W	1140	990	850	560	-	370	1080	940	810	530	-	350	1020	890	770	500	-	330
45	7.2	Q(Btu/h)	11660	10650	8810	5830	-	3890	12300	11230	9290	6150	-	4100	12940	11810	9770	6470	-	4310
		W	1070	970	810	540	-	360	1020	920	770	510	-	340	970	870	730	480	-	320
43	6.1	Q(Btu/h)	11170	10320	8450	5590	-	3730	11800	10900	8920	5900	-	3940	12430	11480	9390	6210	-	4150
		W	1050	950	800	530	-	360	1000	900	760	500	-	340	950	850	720	470	-	320
40	4.4	Q(Btu/h)	10680	9860	8070	5340	-	3560	11300	10440	8540	5650	-	3770	11920	11020	9010	5960	-	3980
		W	1010	940	760	510	-	330	960	890	720	480	-	310	910	840	680	450	-	290
35	1.7	Q(Btu/h)	10170	9080	7680	5080	-	3390	10800	9650	8160	5400	-	3600	11430	10220	8640	5720	-	3810
		W	960	910	730	480	-	330	910	860	690	460	-	310	860	810	650	440	-	290
30	-1.1	Q(Btu/h)	9420	8360	7120	4720	-	3140	10050	8920	7590	5030	-	3350	10680	9480	8060	5340	-	3560
		W	900	860	670	450	-	310	850	820	640	430	-	290	800	780	610	410	-	270
25	-3.9	Q(Btu/h)	8680	7630	6560	4340	-	2890	9300	8180	7030	4650	-	3100	9920	8730	7500	4960	-	3310
		W	830	810	630	420	-	270	790	770	600	400	-	260	750	730	570	380	-	250
20	-6.7	Q(Btu/h)	7930	6900	5990	3970	-	2650	8550	7440	6460	4280	-	2860	9170	7980	6930	4590	-	3070
		W	780	750	600	400	-	260	740	710	570	380	-	250	700	670	540	360	-	240
15	-9.4	Q(Btu/h)	7170	6160	5410	3580	-	2390	7800	6700	5890	3900	-	2600	8430	7240	6370	4220	-	2810
		W	720	680	540	360	-	230	680	650	510	340	-	220	640	620	480	320	-	210
10	-12.2	Q(Btu/h)	6260	5390	4730	3130	-	2090	6900	5940	5210	3450	-	2300	7540	6490	5690	3770	-	2510
		W	660	610	510	340	-	230	630	580	480	320	-	220	600	550	450	300	-	210
5	-15.0	Q(Btu/h)	5340	4610	4030	2670	-	1780	6000	5180	4530	3000	-	2000	6660	5750	5030	3330	-	2220
		W	600	540	450	290	-	190	570	510	430	280	-	180	540	480	410	270	-	170
0	-17.8	Q(Btu/h)	4600	3620	3470	2300	-	1530	5300	4170	4000	2650	-	1760	6000	4720	4530	3000	-	1990
		W	540	460	410	270	-	180	510	440	390	260	-	170	480	420	370	250	-	160
-4	-20.0	Q(Btu/h)	3880	2660	2940	1940	-	1300	4600	3150	3480	2300	-	1540	5320	3640	4020	2660	-	1780
		W	470	380	360	240	-	170	450	360	340	230	-	160	430	340	320	220	-	150

* Above data is for heating operation without any frost.

MSZ-HM09NA
MUZ-HM09NAH
1) COOLING

Rated
 Q(Btu/h): 9000
 W: 750

Indoor W.B. Outdoor D.B. (°F) (°C)			71°F / 21.7°C					67°F / 19.4°C					63°F / 17.2°C							
			Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.
115	46.1	Q(Btu/h)	9030	8280	6790	4560	-	3430	8550	7700	6440	4330	-	3250	8030	7020	6050	4060	-	3050
		W	1010	860	760	530	-	280	940	830	710	480	-	270	900	800	680	480	-	260
110	43.3	Q(Btu/h)	9430	8640	7100	4760	-	3580	8930	8040	6730	4520	-	3390	8390	7360	6320	4240	-	3180
		W	980	850	740	510	-	270	920	820	690	460	-	260	880	790	660	460	-	250
105	40.6	Q(Btu/h)	9820	9000	7390	4970	-	3730	9300	8370	7010	4720	-	3530	8740	7700	6580	4420	-	3310
		W	960	830	730	500	-	260	900	800	680	450	-	250	860	770	650	450	-	240
100	37.8	Q(Btu/h)	10190	9340	7670	5150	-	3880	9650	8690	7270	4890	-	3670	9070	8080	6830	4580	-	3450
		W	940	810	720	500	-	260	880	780	670	450	-	250	840	750	640	450	-	240
95	35.0	Q(Btu/h)	10560	9680	7940	5330	-	4020	10000	9000	7530	5060	-	3800	9400	8460	7070	4740	-	3570
		W	910	790	690	490	-	250	850	750	640	440	-	240	810	720	620	440	-	230
90	32.2	Q(Btu/h)	10980	10000	8260	5540	-	4170	10400	9360	7830	5260	-	3950	9770	8780	7360	4930	-	3710
		W	880	760	670	460	-	240	820	720	620	410	-	230	790	690	600	410	-	220
85	29.4	Q(Btu/h)	11410	10310	8580	5760	-	4330	10800	9720	8130	5470	-	4100	10150	9090	7640	5130	-	3850
		W	850	730	630	450	-	230	790	690	590	400	-	220	760	660	570	400	-	210
80	26.7	Q(Btu/h)	11830	10670	8900	5980	-	4500	11200	10080	8440	5680	-	4260	10520	9450	7930	5320	-	4000
		W	800	700	610	430	-	220	750	660	570	390	-	210	720	630	550	390	-	200
75	23.9	Q(Btu/h)	12250	11030	9220	6200	-	4660	11600	10440	8740	5890	-	4410	10900	9810	8210	5520	-	4140
		W	760	670	570	390	-	210	710	630	530	350	-	200	680	600	510	350	-	190
70	21.1	Q(Btu/h)	12670	11410	9540	6400	-	4820	12000	10800	9040	6080	-	4560	11280	10150	8490	5700	-	4280
		W	730	640	550	380	-	200	680	600	510	340	-	190	650	570	490	340	-	180
65	18.3	Q(Btu/h)	10820	9750	8160	5480	-	4180	10250	9230	7730	5210	-	3950	9640	8670	7260	4880	-	3710
		W	830	730	630	450	-	330	770	680	580	400	-	310	740	650	560	400	-	290
60	15.6	Q(Btu/h)	10820	9750	8160	5480	-	4180	10250	9230	7730	5210	-	3950	9640	8670	7260	4880	-	3710
		W	830	730	630	450	-	330	770	680	580	400	-	310	740	650	560	400	-	290
55	12.8	Q(Btu/h)	10820	9750	8160	5480	-	4180	10250	9230	7730	5210	-	3950	9640	8670	7260	4880	-	3710
		W	830	730	630	450	-	330	770	680	580	400	-	310	740	650	560	400	-	290
50	10.0	Q(Btu/h)	10820	9750	8160	5480	-	4180	10250	9230	7730	5210	-	3950	9640	8670	7260	4880	-	3710
		W	830	730	630	450	-	330	770	680	580	400	-	310	740	650	560	400	-	290
45	7.2	Q(Btu/h)	10820	9750	8160	5480	-	4180	10250	9230	7730	5210	-	3950	9640	8670	7260	4880	-	3710
		W	830	730	630	450	-	330	770	680	580	400	-	310	740	650	560	400	-	290
40	4.4	Q(Btu/h)	10820	9750	8160	5480	-	4180	10250	9230	7730	5210	-	3950	9640	8670	7260	4880	-	3710
		W	830	730	630	450	-	330	770	680	580	400	-	310	740	650	560	400	-	290
35	1.7	Q(Btu/h)	10820	9750	8160	5480	-	4180	10250	9230	7730	5210	-	3950	9640	8670	7260	4880	-	3710
		W	830	730	630	450	-	330	770	680	580	400	-	310	740	650	560	400	-	290
30	-1.1	Q(Btu/h)	10820	9750	8160	5480	-	4180	10250	9230	7730	5210	-	3950	9640	8670	7260	4880	-	3710
		W	830	730	630	450	-	330	770	680	580	400	-	310	740	650	560	400	-	290
25	-3.9	Q(Btu/h)	10820	9750	8160	5480	-	4180	10250	9230	7730	5210	-	3950	9640	8670	7260	4880	-	3710
		W	830	730	630	450	-	330	770	680	580	400	-	310	740	650	560	400	-	290
20	-6.7	Q(Btu/h)	10820	9750	8160	5480	-	4180	10250	9230	7730	5210	-	3950	9640	8670	7260	4880	-	3710
		W	830	730	630	450	-	330	770	680	580	400	-	310	740	650	560	400	-	290
15	-9.4	Q(Btu/h)	10820	9750	8160	5480	-	4180	10250	9230	7730	5210	-	3950	9640	8670	7260	4880	-	3710
		W	830	730	630	450	-	330	770	680	580	400	-	310	740	650	560	400	-	290

* It may not reach the above capacities in low ambient temperatures.

MSZ-HM09NA
MUZ-HM09NAH
2) HEATING

Rated
 Q(Btu/h): 10900
 W: 900

Indoor D.B. Outdoor W.B. (°F) (°C)			78.8°F / 26.0°C						70°F / 21.1°C						59°F / 15.0°C					
			Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.
65	18.3	Q(Btu/h)	14610	13620	11030	7300	-	4860	15200	14170	11480	7600	-	5060	15790	14720	11930	7900	-	5260
		W	1320	1020	990	660	-	440	1250	970	940	630	-	420	1180	920	890	600	-	400
60	15.6	Q(Btu/h)	13900	12880	10510	6950	-	4640	14500	13440	10960	7250	-	4840	15100	14000	11410	7550	-	5040
		W	1250	1010	950	620	-	410	1190	960	900	590	-	390	1130	910	850	560	-	370
55	12.8	Q(Btu/h)	13180	12130	9960	6590	-	4390	13800	12700	10430	6900	-	4600	14420	13270	10900	7210	-	4810
		W	1190	1000	910	600	-	400	1130	950	860	570	-	380	1070	900	810	540	-	360
50	10.0	Q(Btu/h)	12420	11390	9390	6220	-	4150	13050	11970	9860	6530	-	4360	13680	12550	10330	6840	-	4570
		W	1140	990	850	560	-	370	1080	940	810	530	-	350	1020	890	770	500	-	330
45	7.2	Q(Btu/h)	11660	10650	8810	5830	-	3890	12300	11230	9290	6150	-	4100	12940	11810	9770	6470	-	4310
		W	1070	970	810	540	-	360	1020	920	770	510	-	340	970	870	730	480	-	320
43	6.1	Q(Btu/h)	11170	10320	8450	5590	-	3730	11800	10900	8920	5900	-	3940	12430	11480	9390	6210	-	4150
		W	1050	950	800	530	-	360	1000	900	760	500	-	340	950	850	720	470	-	320
40	4.4	Q(Btu/h)	10680	9860	8070	5340	-	3560	11300	10440	8540	5650	-	3770	11920	11020	9010	5960	-	3980
		W	1010	940	760	510	-	330	960	890	720	480	-	310	910	840	680	450	-	290
35	1.7	Q(Btu/h)	10170	9080	7680	5080	-	3390	10800	9650	8160	5400	-	3600	11430	10220	8640	5720	-	3810
		W	960	910	730	480	-	330	910	860	690	460	-	310	860	810	650	440	-	290
30	-1.1	Q(Btu/h)	9420	8360	7120	4720	-	3140	10050	8920	7590	5030	-	3350	10680	9480	8060	5340	-	3560
		W	1030	1000	810	590	-	440	980	950	770	560	-	420	930	900	730	530	-	400
25	-3.9	Q(Btu/h)	8680	7630	6560	4340	-	2890	9300	8180	7030	4650	-	3100	9920	8730	7500	4960	-	3310
		W	970	950	770	560	-	410	920	900	730	530	-	390	870	850	690	500	-	370
20	-6.7	Q(Btu/h)	7930	6900	5990	3970	-	2650	8550	7440	6460	4280	-	2860	9170	7980	6930	4590	-	3070
		W	920	880	740	540	-	400	870	840	700	510	-	380	820	800	660	480	-	360
15	-9.4	Q(Btu/h)	7170	6160	5410	3580	-	2390	7800	6700	5890	3900	-	2600	8430	7240	6370	4220	-	2810
		W	850	820	670	500	-	370	810	780	640	470	-	350	770	740	610	440	-	330
10	-12.2	Q(Btu/h)	6260	5390	4730	3130	-	2090	6900	5940	5210	3450	-	2300	7540	6490	5690	3770	-	2510
		W	800	750	640	470	-	370	760	710	610	450	-	350	720	670	580	430	-	330
5	-15.0	Q(Btu/h)	5340	4610	4030	2670	-	1780	6000	5180	4530	3000	-	2000	6660	5750	5030	3330	-	2220
		W	740	670	590	430	-	330	700	640	560	410	-	310	660	610	530	390	-	290
0	-17.8	Q(Btu/h)	4600	3620	3470	2300	-	1530	5300	4170	4000	2650	-	1760	6000	4720	4530	3000	-	1990
		W	670	600	550	410	-	320	640	570	520	390	-	300	610	540	490	370	-	280
-4	-20.0	Q(Btu/h)	3880	2660	2940	1940	-	1300	4600	3150	3480	2300	-	1540	5320	3640	4020	2660	-	1780
		W	610	520	500	380	-	310	580	490	470	360	-	290	550	460	440	340	-	270

* Above data is for heating operation without any frost.

MSZ-HM12NA
MUZ-HM12NA
1) COOLING

Rated
 Q(Btu/h): 12000
 W: 1210

Indoor W.B. Outdoor D.B. (°F) (°C)			71°F / 21.7°C					67°F / 19.4°C					63°F / 17.2°C							
			Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.
115	46.1	Q(Btu/h)	11020	11040	8290	5570	-	3430	10430	10260	7850	5270	-	3250	9800	9360	7380	4960	-	3050
		W	1530	1390	1150	770	-	280	1440	1340	1080	730	-	270	1370	1280	1030	690	-	260
110	43.3	Q(Btu/h)	11510	11520	8660	5830	-	3580	10890	10710	8200	5510	-	3390	10240	9810	7710	5190	-	3180
		W	1500	1370	1120	750	-	270	1410	1310	1060	710	-	260	1350	1260	1010	670	-	250
105	40.6	Q(Btu/h)	11990	12000	9020	6060	-	3730	11350	11160	8540	5730	-	3530	10670	10260	8030	5390	-	3310
		W	1470	1340	1100	750	-	260	1380	1280	1040	710	-	250	1320	1230	990	670	-	240
100	37.8	Q(Btu/h)	12450	12450	9370	6290	-	3880	11780	11580	8870	5950	-	3670	11070	10770	8340	5600	-	3450
		W	1430	1310	1070	720	-	260	1340	1250	1010	680	-	250	1280	1200	960	640	-	240
95	35.0	Q(Btu/h)	12890	12900	9700	6520	-	4020	12200	12000	9180	6170	-	3800	11470	11280	8630	5810	-	3570
		W	1380	1270	1040	690	-	250	1300	1210	980	650	-	240	1240	1160	930	610	-	230
90	32.2	Q(Btu/h)	13410	13320	10090	6780	-	4170	12690	12480	9550	6410	-	3950	11930	11700	8980	6030	-	3710
		W	1330	1230	1000	670	-	240	1250	1170	940	640	-	230	1190	1120	890	610	-	220
85	29.4	Q(Btu/h)	13930	13740	10480	7040	-	4330	13180	12960	9920	6660	-	4100	12390	12120	9320	6270	-	3850
		W	1280	1180	950	630	-	230	1200	1120	900	600	-	220	1140	1070	860	570	-	210
80	26.7	Q(Btu/h)	14440	14220	10870	7320	-	4500	13670	13440	10290	6920	-	4260	12850	12600	9670	6510	-	4000
		W	1220	1130	920	620	-	220	1150	1070	870	590	-	210	1100	1020	830	560	-	200
75	23.9	Q(Btu/h)	14950	14700	11250	7560	-	4660	14150	13920	10650	7150	-	4410	13300	13080	10010	6730	-	4140
		W	1160	1080	870	580	-	210	1090	1020	820	550	-	200	1040	970	780	520	-	190
70	21.1	Q(Btu/h)	15470	15210	11640	7810	-	4820	14640	14400	11020	7390	-	4560	13760	13530	10360	6960	-	4280
		W	1110	1020	830	560	-	200	1040	960	780	530	-	190	990	910	740	500	-	180
65	18.3	Q(Btu/h)	13220	12990	9950	6680	-	3980	12510	12300	9420	6320	-	3770	11760	11560	8860	5950	-	3540
		W	820	770	620	410	-	240	770	720	580	390	-	230	730	680	550	370	-	220
60	15.6	Q(Btu/h)	13220	12990	9950	6680	-	3980	12510	12300	9420	6320	-	3770	11760	11560	8860	5950	-	3540
		W	820	770	620	410	-	240	770	720	580	390	-	230	730	680	550	370	-	220
55	12.8	Q(Btu/h)	13220	12990	9950	6680	-	3980	12510	12300	9420	6320	-	3770	11760	11560	8860	5950	-	3540
		W	820	770	620	410	-	240	770	720	580	390	-	230	730	680	550	370	-	220
50	10.0	Q(Btu/h)	13220	12990	9950	6680	-	3980	12510	12300	9420	6320	-	3770	11760	11560	8860	5950	-	3540
		W	820	770	620	410	-	240	770	720	580	390	-	230	730	680	550	370	-	220
45	7.2	Q(Btu/h)	13220	12990	9950	6680	-	3980	12510	12300	9420	6320	-	3770	11760	11560	8860	5950	-	3540
		W	820	770	620	410	-	240	770	720	580	390	-	230	730	680	550	370	-	220
40	4.4	Q(Btu/h)	13220	12990	9950	6680	-	3980	12510	12300	9420	6320	-	3770	11760	11560	8860	5950	-	3540
		W	820	770	620	410	-	240	770	720	580	390	-	230	730	680	550	370	-	220
35	1.7	Q(Btu/h)	13220	12990	9950	6680	-	3980	12510	12300	9420	6320	-	3770	11760	11560	8860	5950	-	3540
		W	820	770	620	410	-	240	770	720	580	390	-	230	730	680	550	370	-	220
30	-1.1	Q(Btu/h)	13220	12990	9950	6680	-	3980	12510	12300	9420	6320	-	3770	11760	11560	8860	5950	-	3540
		W	820	770	620	410	-	240	770	720	580	390	-	230	730	680	550	370	-	220
25	-3.9	Q(Btu/h)	13220	12990	9950	6680	-	3980	12510	12300	9420	6320	-	3770	11760	11560	8860	5950	-	3540
		W	820	770	620	410	-	240	770	720	580	390	-	230	730	680	550	370	-	220
20	-6.7	Q(Btu/h)	13220	12990	9950	6680	-	3980	12510	12300	9420	6320	-	3770	11760	11560	8860	5950	-	3540
		W	820	770	620	410	-	240	770	720	580	390	-	230	730	680	550	370	-	220
15	-9.4	Q(Btu/h)	13220	12990	9950	6680	-	3980	12510	12300	9420	6320	-	3770	11760	11560	8860	5950	-	3540
		W	820	770	620	410	-	240	770	720	580	390	-	230	730	680	550	370	-	220

* It may not reach the above capacities in low ambient temperatures.

MSZ-HM12NA
MUZ-HM12NA
2) HEATING

Rated
 Q(Btu/h): 12200
 W: 990

Indoor D.B. Outdoor W.B. (°F) (°C)			78.8°F / 26.0°C					70°F / 21.1°C					59°F / 15.0°C							
			Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.
65	18.3	Q(Btu/h)	17390	15240	13090	8780	-	4970	18100	15860	13620	9140	-	5170	18810	16480	14150	9500	-	5370
		W	1510	1130	1130	760	-	420	1430	1070	1070	720	-	400	1350	1010	1010	680	-	380
60	15.6	Q(Btu/h)	16530	14420	12440	8350	-	4730	17250	15040	12980	8710	-	4930	17970	15660	13520	9070	-	5130
		W	1450	1120	1100	740	-	410	1380	1060	1040	700	-	390	1310	1000	980	660	-	370
55	12.8	Q(Btu/h)	15670	13580	11790	7910	-	4470	16400	14210	12340	8280	-	4680	17130	14840	12890	8650	-	4890
		W	1400	1110	1050	710	-	400	1330	1050	1000	670	-	380	1260	990	950	630	-	360
50	10.0	Q(Btu/h)	14800	12740	11140	7470	-	4230	15550	13390	11700	7850	-	4440	16300	14040	12260	8230	-	4650
		W	1350	1090	1020	680	-	390	1280	1030	970	650	-	370	1210	970	920	620	-	350
45	7.2	Q(Btu/h)	13940	11920	10490	7040	-	3980	14700	12570	11060	7420	-	4200	15460	13220	11630	7800	-	4420
		W	1300	1060	970	640	-	370	1230	1010	920	610	-	350	1160	960	870	580	-	330
43	6.1	Q(Btu/h)	13730	11550	10330	6930	-	3920	14500	12200	10910	7320	-	4140	15270	12850	11490	7710	-	4360
		W	1290	1040	960	640	-	370	1220	990	910	610	-	350	1150	940	860	580	-	330
40	4.4	Q(Btu/h)	12990	11050	9780	6560	-	3700	13750	11690	10350	6940	-	3920	14510	12330	10920	7320	-	4140
		W	1230	1030	930	620	-	350	1170	980	880	590	-	330	1110	930	830	560	-	310
35	1.7	Q(Btu/h)	12240	10170	9210	6180	-	3500	13000	10800	9780	6560	-	3720	13760	11430	10350	6940	-	3940
		W	1180	990	880	590	-	330	1120	940	840	560	-	310	1060	890	800	530	-	290
30	-1.1	Q(Btu/h)	11390	9360	8570	5750	-	3250	12150	9980	9140	6130	-	3470	12910	10600	9710	6510	-	3690
		W	1130	950	850	580	-	330	1070	900	810	550	-	310	1010	850	770	520	-	290
25	-3.9	Q(Btu/h)	10540	8540	7930	5320	-	3010	11300	9150	8500	5700	-	3230	12060	9760	9070	6080	-	3450
		W	1070	900	800	540	-	310	1020	850	760	510	-	290	970	800	720	480	-	270
20	-6.7	Q(Btu/h)	9640	7720	7250	4870	-	2760	10400	8330	7820	5250	-	2980	11160	8940	8390	5630	-	3200
		W	1020	820	770	520	-	290	970	780	730	490	-	280	920	740	690	460	-	270
15	-9.4	Q(Btu/h)	8730	6890	6570	4410	-	2490	9500	7500	7150	4800	-	2710	10270	8110	7730	5190	-	2930
		W	970	750	730	480	-	260	920	710	690	460	-	250	870	670	650	440	-	240
10	-12.2	Q(Btu/h)	7710	6030	5810	3890	-	2200	8500	6650	6400	4290	-	2420	9290	7270	6990	4690	-	2640
		W	920	670	700	470	-	260	870	640	660	450	-	250	820	610	620	430	-	240
5	-15.0	Q(Btu/h)	6680	5170	5020	3380	-	1910	7500	5800	5640	3790	-	2150	8320	6430	6260	4200	-	2390
		W	860	590	640	430	-	240	820	560	610	410	-	230	780	530	580	390	-	220
0	-17.8	Q(Btu/h)	5840	4040	4390	2950	-	1680	6730	4650	5060	3400	-	1930	7620	5260	5730	3850	-	2180
		W	800	510	600	400	-	230	760	480	570	380	-	220	720	450	540	360	-	210
-4	-20.0	Q(Btu/h)	5020	2960	3780	2530	-	1440	5950	3500	4480	3000	-	1700	6880	4040	5180	3470	-	1960
		W	740	420	560	370	-	210	700	400	530	350	-	200	660	380	500	330	-	190

* Above data is for heating operation without any frost.

MSZ-HM12NA
MUZ-HM12NAH
1) COOLING

Rated
 Q(Btu/h): 12000
 W: 1210

Indoor W.B. Outdoor D.B. (°F) (°C)			71°F / 21.7°C					67°F / 19.4°C					63°F / 17.2°C							
			Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.
115	46.1	Q(Btu/h)	11020	11040	8290	5570	-	3430	10430	10260	7850	5270	-	3250	9800	9360	7380	4960	-	3050
		W	1530	1390	1150	770	-	280	1440	1340	1080	730	-	270	1370	1280	1030	690	-	260
110	43.3	Q(Btu/h)	11510	11520	8660	5830	-	3580	10890	10710	8200	5510	-	3390	10240	9810	7710	5190	-	3180
		W	1500	1370	1120	750	-	270	1410	1310	1060	710	-	260	1350	1260	1010	670	-	250
105	40.6	Q(Btu/h)	11990	12000	9020	6060	-	3730	11350	11160	8540	5730	-	3530	10670	10260	8030	5390	-	3310
		W	1470	1340	1100	750	-	260	1380	1280	1040	710	-	250	1320	1230	990	670	-	240
100	37.8	Q(Btu/h)	12450	12450	9370	6290	-	3880	11780	11580	8870	5950	-	3670	11070	10770	8340	5600	-	3450
		W	1430	1310	1070	720	-	260	1340	1250	1010	680	-	250	1280	1200	960	640	-	240
95	35.0	Q(Btu/h)	12890	12900	9700	6520	-	4020	12200	12000	9180	6170	-	3800	11470	11280	8630	5810	-	3570
		W	1380	1270	1040	690	-	250	1300	1210	980	650	-	240	1240	1160	930	610	-	230
90	32.2	Q(Btu/h)	13410	13320	10090	6780	-	4170	12690	12480	9550	6410	-	3950	11930	11700	8980	6030	-	3710
		W	1330	1230	1000	670	-	240	1250	1170	940	640	-	230	1190	1120	890	610	-	220
85	29.4	Q(Btu/h)	13930	13740	10480	7040	-	4330	13180	12960	9920	6660	-	4100	12390	12120	9320	6270	-	3850
		W	1280	1180	950	630	-	230	1200	1120	900	600	-	220	1140	1070	860	570	-	210
80	26.7	Q(Btu/h)	14440	14220	10870	7320	-	4500	13670	13440	10290	6920	-	4260	12850	12600	9670	6510	-	4000
		W	1220	1130	920	620	-	220	1150	1070	870	590	-	210	1100	1020	830	560	-	200
75	23.9	Q(Btu/h)	14950	14700	11250	7560	-	4660	14150	13920	10650	7150	-	4410	13300	13080	10010	6730	-	4140
		W	1160	1080	870	580	-	210	1090	1020	820	550	-	200	1040	970	780	520	-	190
70	21.1	Q(Btu/h)	15470	15210	11640	7810	-	4820	14640	14400	11020	7390	-	4560	13760	13530	10360	6960	-	4280
		W	1110	1020	830	560	-	200	1040	960	780	530	-	190	990	910	740	500	-	180
65	18.3	Q(Btu/h)	13220	12990	9950	6680	-	3980	12510	12300	9420	6320	-	3770	11760	11560	8860	5950	-	3540
		W	820	770	620	410	-	240	770	720	580	390	-	230	730	680	550	370	-	220
60	15.6	Q(Btu/h)	13220	12990	9950	6680	-	3980	12510	12300	9420	6320	-	3770	11760	11560	8860	5950	-	3540
		W	820	770	620	410	-	240	770	720	580	390	-	230	730	680	550	370	-	220
55	12.8	Q(Btu/h)	13220	12990	9950	6680	-	3980	12510	12300	9420	6320	-	3770	11760	11560	8860	5950	-	3540
		W	820	770	620	410	-	240	770	720	580	390	-	230	730	680	550	370	-	220
50	10.0	Q(Btu/h)	13220	12990	9950	6680	-	3980	12510	12300	9420	6320	-	3770	11760	11560	8860	5950	-	3540
		W	820	770	620	410	-	240	770	720	580	390	-	230	730	680	550	370	-	220
45	7.2	Q(Btu/h)	13220	12990	9950	6680	-	3980	12510	12300	9420	6320	-	3770	11760	11560	8860	5950	-	3540
		W	820	770	620	410	-	240	770	720	580	390	-	230	730	680	550	370	-	220
40	4.4	Q(Btu/h)	13220	12990	9950	6680	-	3980	12510	12300	9420	6320	-	3770	11760	11560	8860	5950	-	3540
		W	820	770	620	410	-	240	770	720	580	390	-	230	730	680	550	370	-	220
35	1.7	Q(Btu/h)	13220	12990	9950	6680	-	3980	12510	12300	9420	6320	-	3770	11760	11560	8860	5950	-	3540
		W	820	770	620	410	-	240	770	720	580	390	-	230	730	680	550	370	-	220
30	-1.1	Q(Btu/h)	13220	12990	9950	6680	-	3980	12510	12300	9420	6320	-	3770	11760	11560	8860	5950	-	3540
		W	820	770	620	410	-	240	770	720	580	390	-	230	730	680	550	370	-	220
25	-3.9	Q(Btu/h)	13220	12990	9950	6680	-	3980	12510	12300	9420	6320	-	3770	11760	11560	8860	5950	-	3540
		W	820	770	620	410	-	240	770	720	580	390	-	230	730	680	550	370	-	220
20	-6.7	Q(Btu/h)	13220	12990	9950	6680	-	3980	12510	12300	9420	6320	-	3770	11760	11560	8860	5950	-	3540
		W	820	770	620	410	-	240	770	720	580	390	-	230	730	680	550	370	-	220
15	-9.4	Q(Btu/h)	13220	12990	9950	6680	-	3980	12510	12300	9420	6320	-	3770	11760	11560	8860	5950	-	3540
		W	820	770	620	410	-	240	770	720	580	390	-	230	730	680	550	370	-	220

* It may not reach the above capacities in low ambient temperatures.

MSZ-HM12NA
MUZ-HM12NAH
2) HEATING

Rated
 Q(Btu/h): 12200
 W: 990

Indoor D.B. Outdoor W.B. (°F) (°C)			78.8°F / 26.0°C					70°F / 21.1°C					59°F / 15.0°C							
			Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.
65	18.3	Q(Btu/h)	17390	15240	13090	8780	-	4970	18100	15860	13620	9140	-	5170	18810	16480	14150	9500	-	5370
		W	1510	1130	1130	760	-	420	1430	1070	1070	720	-	400	1350	1010	1010	680	-	380
60	15.6	Q(Btu/h)	16530	14420	12440	8350	-	4730	17250	15040	12980	8710	-	4930	17970	15660	13520	9070	-	5130
		W	1450	1120	1100	740	-	410	1380	1060	1040	700	-	390	1310	1000	980	660	-	370
55	12.8	Q(Btu/h)	15670	13580	11790	7910	-	4470	16400	14210	12340	8280	-	4680	17130	14840	12890	8650	-	4890
		W	1400	1110	1050	710	-	400	1330	1050	1000	670	-	380	1260	990	950	630	-	360
50	10.0	Q(Btu/h)	14800	12740	11140	7470	-	4230	15550	13390	11700	7850	-	4440	16300	14040	12260	8230	-	4650
		W	1350	1090	1020	680	-	390	1280	1030	970	650	-	370	1210	970	920	620	-	350
45	7.2	Q(Btu/h)	13940	11920	10490	7040	-	3980	14700	12570	11060	7420	-	4200	15460	13220	11630	7800	-	4420
		W	1300	1060	970	640	-	370	1230	1010	920	610	-	350	1160	960	870	580	-	330
43	6.1	Q(Btu/h)	13730	11550	10330	6930	-	3920	14500	12200	10910	7320	-	4140	15270	12850	11490	7710	-	4360
		W	1290	1040	960	640	-	370	1220	990	910	610	-	350	1150	940	860	580	-	330
40	4.4	Q(Btu/h)	12990	11050	9780	6560	-	3700	13750	11690	10350	6940	-	3920	14510	12330	10920	7320	-	4140
		W	1230	1030	930	620	-	350	1170	980	880	590	-	330	1110	930	830	560	-	310
35	1.7	Q(Btu/h)	12240	10170	9210	6180	-	3500	13000	10800	9780	6560	-	3720	13760	11430	10350	6940	-	3940
		W	1180	990	880	590	-	330	1120	940	840	560	-	310	1060	890	800	530	-	290
30	-1.1	Q(Btu/h)	11390	9360	8570	5750	-	3250	12150	9980	9140	6130	-	3470	12910	10600	9710	6510	-	3690
		W	1260	1090	990	720	-	460	1200	1030	940	680	-	440	1140	970	890	640	-	420
25	-3.9	Q(Btu/h)	10540	8540	7930	5320	-	3010	11300	9150	8500	5700	-	3230	12060	9760	9070	6080	-	3450
		W	1210	1030	940	670	-	440	1150	980	890	640	-	420	1090	930	840	610	-	400
20	-6.7	Q(Btu/h)	9640	7720	7250	4870	-	2760	10400	8330	7820	5250	-	2980	11160	8940	8390	5630	-	3200
		W	1160	960	910	650	-	430	1100	910	860	620	-	410	1040	860	810	590	-	390
15	-9.4	Q(Btu/h)	8730	6890	6570	4410	-	2490	9500	7500	7150	4800	-	2710	10270	8110	7730	5190	-	2930
		W	1110	880	860	620	-	400	1050	840	820	590	-	380	990	800	780	560	-	360
10	-12.2	Q(Btu/h)	7710	6030	5810	3890	-	2200	8500	6650	6400	4290	-	2420	9290	7270	6990	4690	-	2640
		W	1050	810	830	610	-	400	1000	770	790	580	-	380	950	730	750	550	-	360
5	-15.0	Q(Btu/h)	6680	5170	5020	3380	-	1910	7500	5800	5640	3790	-	2150	8320	6430	6260	4200	-	2390
		W	1000	730	780	570	-	380	950	690	740	540	-	360	900	650	700	510	-	340
0	-17.8	Q(Btu/h)	5840	4040	4390	2950	-	1680	6730	4650	5060	3400	-	1930	7620	5260	5730	3850	-	2180
		W	940	640	740	540	-	370	890	610	700	510	-	350	840	580	660	480	-	330
-4	-20.0	Q(Btu/h)	5020	2960	3780	2530	-	1440	5950	3500	4480	3000	-	1700	6880	4040	5180	3470	-	1960
		W	870	560	700	510	-	350	830	530	660	480	-	330	790	500	620	450	-	310

* Above data is for heating operation without any frost.

MSZ-HM15NA
MUZ-HM15NA
1) COOLING

Rated
 Q(Btu/h): 14000
 W: 1170

Indoor W.B. Outdoor D.B. (°F) (°C)			71°F / 21.7°C							67°F / 19.4°C							63°F / 17.2°C						
			Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.			
115	46.1	Q(Btu/h)	14450	12880	10910	7210	3690	2800	13680	11970	10330	6830	3490	2650	12850	10920	9710	6420	3280	2490			
		W	2350	1350	1770	1200	610	270	2220	1300	1680	1120	580	260	2110	1240	1600	1080	550	250			
110	43.3	Q(Btu/h)	15080	13440	11400	7530	3860	2920	14280	12500	10790	7130	3650	2770	13420	11450	10140	6700	3430	2600			
		W	2300	1320	1730	1160	580	260	2170	1270	1640	1080	550	250	2070	1220	1560	1040	520	240			
105	40.6	Q(Btu/h)	15710	14000	11870	7850	4020	3040	14880	13020	11240	7430	3800	2880	13980	11970	10570	6980	3580	2700			
		W	2250	1290	1690	1150	580	250	2120	1240	1600	1070	550	240	2020	1190	1520	1030	520	230			
100	37.8	Q(Btu/h)	16310	14530	12330	8160	4180	3160	15440	13510	11670	7730	3950	2990	14510	12570	10970	7260	3720	2810			
		W	2180	1260	1640	1100	550	250	2060	1210	1550	1030	530	240	1960	1160	1480	990	510	230			
95	35.0	Q(Btu/h)	16900	15050	12770	8450	4320	3270	16000	14000	12090	8000	4090	3100	15030	13160	11370	7520	3850	2910			
		W	2120	1230	1590	1070	530	240	2000	1170	1510	1000	510	230	1900	1120	1440	960	490	220			
90	32.2	Q(Btu/h)	17570	15540	13290	8800	4500	3410	16640	14560	12580	8330	4260	3230	15640	13650	11830	7830	4010	3030			
		W	2040	1190	1540	1050	520	230	1930	1130	1460	980	500	220	1840	1080	1390	940	480	210			
85	29.4	Q(Btu/h)	18250	16030	13790	9110	4660	3540	17280	15120	13050	8630	4410	3350	16240	14140	12270	8110	4150	3150			
		W	1960	1140	1480	1000	500	220	1850	1080	1400	930	480	210	1760	1040	1330	900	460	200			
80	26.7	Q(Btu/h)	18920	16590	14300	9470	4850	3670	17920	15680	13540	8970	4590	3480	16840	14700	12730	8430	4320	3270			
		W	1880	1090	1400	940	470	210	1770	1030	1330	880	450	200	1690	990	1270	850	430	190			
75	23.9	Q(Btu/h)	19600	17150	14810	9800	5010	3800	18560	16240	14020	9280	4740	3600	17440	15260	13180	8720	4460	3380			
		W	1780	1040	1340	890	450	200	1680	980	1270	830	430	190	1600	940	1210	800	410	180			
70	21.1	Q(Btu/h)	20280	17740	15330	10140	5190	3930	19200	16800	14510	9600	4910	3720	18040	15790	13640	9020	4620	3490			
		W	1700	990	1280	860	430	190	1600	930	1210	800	410	180	1520	890	1150	770	390	170			
65	18.3	Q(Btu/h)	17320	15150	13090	8660	4430	2880	16400	14350	12390	8200	4190	2730	15410	13490	11650	7700	3940	2560			
		W	1750	1030	1320	890	450	300	1650	970	1250	830	430	280	1570	930	1190	800	410	260			
60	15.6	Q(Btu/h)	17320	15150	13090	8660	4430	2880	16400	14350	12390	8200	4190	2730	15410	13490	11650	7700	3940	2560			
		W	1750	1030	1320	890	450	300	1650	970	1250	830	430	280	1570	930	1190	800	410	260			
55	12.8	Q(Btu/h)	17320	15150	13090	8660	4430	2880	16400	14350	12390	8200	4190	2730	15410	13490	11650	7700	3940	2560			
		W	1750	1030	1320	890	450	300	1650	970	1250	830	430	280	1570	930	1190	800	410	260			
50	10.0	Q(Btu/h)	17320	15150	13090	8660	4430	2880	16400	14350	12390	8200	4190	2730	15410	13490	11650	7700	3940	2560			
		W	1750	1030	1320	890	450	300	1650	970	1250	830	430	280	1570	930	1190	800	410	260			
45	7.2	Q(Btu/h)	17320	15150	13090	8660	4430	2880	16400	14350	12390	8200	4190	2730	15410	13490	11650	7700	3940	2560			
		W	1750	1030	1320	890	450	300	1650	970	1250	830	430	280	1570	930	1190	800	410	260			
40	4.4	Q(Btu/h)	17320	15150	13090	8660	4430	2880	16400	14350	12390	8200	4190	2730	15410	13490	11650	7700	3940	2560			
		W	1750	1030	1320	890	450	300	1650	970	1250	830	430	280	1570	930	1190	800	410	260			
35	1.7	Q(Btu/h)	17320	15150	13090	8660	4430	2880	16400	14350	12390	8200	4190	2730	15410	13490	11650	7700	3940	2560			
		W	1750	1030	1320	890	450	300	1650	970	1250	830	430	280	1570	930	1190	800	410	260			
30	-1.1	Q(Btu/h)	17320	15150	13090	8660	4430	2880	16400	14350	12390	8200	4190	2730	15410	13490	11650	7700	3940	2560			
		W	1750	1030	1320	890	450	300	1650	970	1250	830	430	280	1570	930	1190	800	410	260			
25	-3.9	Q(Btu/h)	17320	15150	13090	8660	4430	2880	16400	14350	12390	8200	4190	2730	15410	13490	11650	7700	3940	2560			
		W	1750	1030	1320	890	450	300	1650	970	1250	830	430	280	1570	930	1190	800	410	260			
20	-6.7	Q(Btu/h)	17320	15150	13090	8660	4430	2880	16400	14350	12390	8200	4190	2730	15410	13490	11650	7700	3940	2560			
		W	1750	1030	1320	890	450	300	1650	970	1250	830	430	280	1570	930	1190	800	410	260			
15	-9.4	Q(Btu/h)	17320	15150	13090	8660	4430	2880	16400	14350	12390	8200	4190	2730	15410	13490	11650	7700	3940	2560			
		W	1750	1030	1320	890	450	300	1650	970	1250	830	430	280	1570	930	1190	800	410	260			

* It may not reach the above capacities in low ambient temperatures.

MSZ-HM15NA
MUZ-HM15NA
2) HEATING

Rated
 Q(Btu/h): 18000
 W: 1600

Indoor D.B. Outdoor W.B. (°F) (°C)			78.8°F / 26.0°C						70°F / 21.1°C						59°F / 15.0°C					
			Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.
65	18.3	Q(Btu/h)	21330	21140	16090	10660	5440	3140	22200	22000	16750	11090	5660	3270	23070	22860	17410	11520	5880	3400
		W	2330	1820	1750	1160	590	340	2210	1730	1660	1100	560	320	2090	1640	1570	1040	530	300
60	15.6	Q(Btu/h)	20700	20600	15620	10340	5270	3040	21600	21490	16300	10790	5500	3170	22500	22380	16980	11240	5730	3300
		W	2250	1810	1710	1130	580	340	2140	1720	1620	1070	550	320	2030	1630	1530	1010	520	300
55	12.8	Q(Btu/h)	20060	20030	15140	10030	5110	2950	21000	20970	15850	10500	5350	3090	21940	21910	16560	10970	5590	3230
		W	2170	1790	1640	1100	560	330	2060	1700	1560	1040	530	310	1950	1610	1480	980	500	290
50	10.0	Q(Btu/h)	18850	18810	14230	9420	4810	2770	19800	19760	14950	9900	5050	2910	20750	20710	15670	10380	5290	3050
		W	2150	1760	1620	1070	550	320	2040	1670	1540	1020	520	300	1930	1580	1460	970	490	280
45	7.2	Q(Btu/h)	17640	17580	13320	8830	4490	2590	18600	18540	14050	9310	4740	2730	19560	19500	14780	9790	4990	2870
		W	2130	1720	1600	1050	540	310	2020	1630	1520	1000	510	290	1910	1540	1440	950	480	270
43	6.1	Q(Btu/h)	17520	17040	13230	8770	4470	2580	18500	18000	13970	9260	4720	2720	19480	18960	14710	9750	4970	2860
		W	2120	1690	1590	1050	540	310	2010	1600	1510	1000	510	290	1900	1510	1430	950	480	270
40	4.4	Q(Btu/h)	16680	16290	12590	8330	4250	2460	17650	17240	13320	8820	4500	2600	18620	18190	14050	9310	4750	2740
		W	2090	1660	1580	1040	540	310	1980	1580	1500	990	510	290	1870	1500	1420	940	480	270
35	1.7	Q(Btu/h)	15820	15000	11940	7910	4030	2330	16800	15930	12680	8400	4280	2470	17780	16860	13420	8890	4530	2610
		W	2040	1600	1540	1020	520	290	1940	1520	1460	970	490	280	1840	1440	1380	920	460	270
30	-1.1	Q(Btu/h)	14910	13800	11250	7450	3800	2190	15900	14720	12000	7950	4050	2340	16890	15640	12750	8450	4300	2490
		W	2010	1530	1520	1000	510	290	1910	1450	1440	950	480	280	1810	1370	1360	900	450	270
25	-3.9	Q(Btu/h)	14000	12600	10560	7000	3560	2050	15000	13500	11320	7500	3820	2200	16000	14400	12080	8000	4080	2350
		W	1980	1440	1510	990	510	290	1880	1370	1430	940	480	280	1780	1300	1350	890	450	270
20	-6.7	Q(Btu/h)	13350	11390	10080	6680	3400	1970	14400	12290	10870	7200	3670	2120	15450	13190	11660	7720	3940	2270
		W	1930	1330	1450	960	480	280	1830	1260	1380	910	460	270	1730	1190	1310	860	440	260
15	-9.4	Q(Btu/h)	12680	10170	9570	6340	3230	1870	13800	11070	10420	6900	3520	2030	14920	11970	11270	7460	3810	2190
		W	1860	1210	1410	940	480	280	1770	1150	1340	890	460	270	1680	1090	1270	840	440	260
10	-12.2	Q(Btu/h)	11750	8900	8870	5880	2990	1720	12950	9810	9780	6480	3300	1900	14150	10720	10690	7080	3610	2080
		W	1820	1090	1380	920	460	260	1730	1030	1310	870	440	250	1640	970	1240	820	420	240
5	-15.0	Q(Btu/h)	10780	7610	8130	5380	2740	1590	12100	8550	9130	6040	3080	1780	13420	9490	10130	6700	3420	1970
		W	1780	950	1340	880	450	260	1690	900	1270	840	430	250	1600	850	1200	800	410	240
0	-17.8	Q(Btu/h)	9680	6110	7310	4840	2470	1420	11150	7040	8420	5580	2850	1640	12620	7970	9530	6320	3230	1860
		W	1730	820	1310	860	440	250	1640	780	1240	820	420	240	1550	740	1170	780	400	230
-4	-20.0	Q(Btu/h)	8610	4670	6500	4310	2200	1270	10200	5530	7700	5100	2600	1500	11790	6390	8900	5890	3000	1730
		W	1680	700	1250	830	430	250	1590	660	1190	790	410	240	1500	620	1130	750	390	230

* Above data is for heating operation without any frost.

MSZ-HM15NA
MUZ-HM15NAH
1) COOLING

Rated
 Q(Btu/h): 14000
 W: 1170

Indoor W.B. Outdoor D.B. (°F) (°C)			71°F / 21.7°C							67°F / 19.4°C							63°F / 17.2°C						
			Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.			
115	46.1	Q(Btu/h)	14450	12880	10910	7210	3690	2800	13680	11970	10330	6830	3490	2650	12850	10920	9710	6420	3280	2490			
		W	2350	1350	1770	1200	610	270	2220	1300	1680	1120	580	260	2110	1240	1600	1080	550	250			
110	43.3	Q(Btu/h)	15080	13440	11400	7530	3860	2920	14280	12500	10790	7130	3650	2770	13420	11450	10140	6700	3430	2600			
		W	2300	1320	1730	1160	580	260	2170	1270	1640	1080	550	250	2070	1220	1560	1040	520	240			
105	40.6	Q(Btu/h)	15710	14000	11870	7850	4020	3040	14880	13020	11240	7430	3800	2880	13980	11970	10570	6980	3580	2700			
		W	2250	1290	1690	1150	580	250	2120	1240	1600	1070	550	240	2020	1190	1520	1030	520	230			
100	37.8	Q(Btu/h)	16310	14530	12330	8160	4180	3160	15440	13510	11670	7730	3950	2990	14510	12570	10970	7260	3720	2810			
		W	2180	1260	1640	1100	550	250	2060	1210	1550	1030	530	240	1960	1160	1480	990	510	230			
95	35.0	Q(Btu/h)	16900	15050	12770	8450	4320	3270	16000	14000	12090	8000	4090	3100	15030	13160	11370	7520	3850	2910			
		W	2120	1230	1590	1070	530	240	2000	1170	1510	1000	510	230	1900	1120	1440	960	490	220			
90	32.2	Q(Btu/h)	17570	15540	13290	8800	4500	3410	16640	14560	12580	8330	4260	3230	15640	13650	11830	7830	4010	3030			
		W	2040	1190	1540	1050	520	230	1930	1130	1460	980	500	220	1840	1080	1390	940	480	210			
85	29.4	Q(Btu/h)	18250	16030	13790	9110	4660	3540	17280	15120	13050	8630	4410	3350	16240	14140	12270	8110	4150	3150			
		W	1960	1140	1480	1000	500	220	1850	1080	1400	930	480	210	1760	1040	1330	900	460	200			
80	26.7	Q(Btu/h)	18920	16590	14300	9470	4850	3670	17920	15680	13540	8970	4590	3480	16840	14700	12730	8430	4320	3270			
		W	1880	1090	1400	940	470	210	1770	1030	1330	880	450	200	1690	990	1270	850	430	190			
75	23.9	Q(Btu/h)	19600	17150	14810	9800	5010	3800	18560	16240	14020	9280	4740	3600	17440	15260	13180	8720	4460	3380			
		W	1780	1040	1340	890	450	200	1680	980	1270	830	430	190	1600	940	1210	800	410	180			
70	21.1	Q(Btu/h)	20280	17740	15330	10140	5190	3930	19200	16800	14510	9600	4910	3720	18040	15790	13640	9020	4620	3490			
		W	1700	990	1280	860	430	190	1600	930	1210	800	410	180	1520	890	1150	770	390	170			
65	18.3	Q(Btu/h)	17320	15150	13090	8660	4430	2880	16400	14350	12390	8200	4190	2730	15410	13490	11650	7700	3940	2560			
		W	1750	1030	1320	890	450	300	1650	970	1250	830	430	280	1570	930	1190	800	410	260			
60	15.6	Q(Btu/h)	17320	15150	13090	8660	4430	2880	16400	14350	12390	8200	4190	2730	15410	13490	11650	7700	3940	2560			
		W	1750	1030	1320	890	450	300	1650	970	1250	830	430	280	1570	930	1190	800	410	260			
55	12.8	Q(Btu/h)	17320	15150	13090	8660	4430	2880	16400	14350	12390	8200	4190	2730	15410	13490	11650	7700	3940	2560			
		W	1750	1030	1320	890	450	300	1650	970	1250	830	430	280	1570	930	1190	800	410	260			
50	10.0	Q(Btu/h)	17320	15150	13090	8660	4430	2880	16400	14350	12390	8200	4190	2730	15410	13490	11650	7700	3940	2560			
		W	1750	1030	1320	890	450	300	1650	970	1250	830	430	280	1570	930	1190	800	410	260			
45	7.2	Q(Btu/h)	17320	15150	13090	8660	4430	2880	16400	14350	12390	8200	4190	2730	15410	13490	11650	7700	3940	2560			
		W	1750	1030	1320	890	450	300	1650	970	1250	830	430	280	1570	930	1190	800	410	260			
40	4.4	Q(Btu/h)	17320	15150	13090	8660	4430	2880	16400	14350	12390	8200	4190	2730	15410	13490	11650	7700	3940	2560			
		W	1750	1030	1320	890	450	300	1650	970	1250	830	430	280	1570	930	1190	800	410	260			
35	1.7	Q(Btu/h)	17320	15150	13090	8660	4430	2880	16400	14350	12390	8200	4190	2730	15410	13490	11650	7700	3940	2560			
		W	1750	1030	1320	890	450	300	1650	970	1250	830	430	280	1570	930	1190	800	410	260			
30	-1.1	Q(Btu/h)	17320	15150	13090	8660	4430	2880	16400	14350	12390	8200	4190	2730	15410	13490	11650	7700	3940	2560			
		W	1750	1030	1320	890	450	300	1650	970	1250	830	430	280	1570	930	1190	800	410	260			
25	-3.9	Q(Btu/h)	17320	15150	13090	8660	4430	2880	16400	14350	12390	8200	4190	2730	15410	13490	11650	7700	3940	2560			
		W	1750	1030	1320	890	450	300	1650	970	1250	830	430	280	1570	930	1190	800	410	260			
20	-6.7	Q(Btu/h)	17320	15150	13090	8660	4430	2880	16400	14350	12390	8200	4190	2730	15410	13490	11650	7700	3940	2560			
		W	1750	1030	1320	890	450	300	1650	970	1250	830	430	280	1570	930	1190	800	410	260			
15	-9.4	Q(Btu/h)	17320	15150	13090	8660	4430	2880	16400	14350	12390	8200	4190	2730	15410	13490	11650	7700	3940	2560			
		W	1750	1030	1320	890	450	300	1650	970	1250	830	430	280	1570	930	1190	800	410	260			

* It may not reach the above capacities in low ambient temperatures.

MSZ-HM15NA
MUZ-HM15NAH
2) HEATING

Rated
 Q(Btu/h): 18000
 W: 1600

Indoor D.B. Outdoor W.B. (°F) (°C)			78.8°F / 26.0°C						70°F / 21.1°C						59°F / 15.0°C					
			Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.
65	18.3	Q(Btu/h)	21330	21140	16090	10660	5440	3140	22200	22000	16750	11090	5660	3270	23070	22860	17410	11520	5880	3400
		W	2330	1820	1750	1160	590	340	2210	1730	1660	1100	560	320	2090	1640	1570	1040	530	300
60	15.6	Q(Btu/h)	20700	20600	15620	10340	5270	3040	21600	21490	16300	10790	5500	3170	22500	22380	16980	11240	5730	3300
		W	2250	1810	1710	1130	580	340	2140	1720	1620	1070	550	320	2030	1630	1530	1010	520	300
55	12.8	Q(Btu/h)	20060	20030	15140	10030	5110	2950	21000	20970	15850	10500	5350	3090	21940	21910	16560	10970	5590	3230
		W	2170	1790	1640	1100	560	330	2060	1700	1560	1040	530	310	1950	1610	1480	980	500	290
50	10.0	Q(Btu/h)	18850	18810	14230	9420	4810	2770	19800	19760	14950	9900	5050	2910	20750	20710	15670	10380	5290	3050
		W	2150	1760	1620	1070	550	320	2040	1670	1540	1020	520	300	1930	1580	1460	970	490	280
45	7.2	Q(Btu/h)	17640	17580	13320	8830	4490	2590	18600	18540	14050	9310	4740	2730	19560	19500	14780	9790	4990	2870
		W	2130	1720	1600	1050	540	310	2020	1630	1520	1000	510	290	1910	1540	1440	950	480	270
43	6.1	Q(Btu/h)	17520	17040	13230	8770	4470	2580	18500	18000	13970	9260	4720	2720	19480	18960	14710	9750	4970	2860
		W	2120	1690	1590	1050	540	310	2010	1600	1510	1000	510	290	1900	1510	1430	950	480	270
40	4.4	Q(Btu/h)	16680	16290	12590	8330	4250	2460	17650	17240	13320	8820	4500	2600	18620	18190	14050	9310	4750	2740
		W	2090	1660	1580	1040	540	310	1980	1580	1500	990	510	290	1870	1500	1420	940	480	270
35	1.7	Q(Btu/h)	15820	15000	11940	7910	4030	2330	16800	15930	12680	8400	4280	2470	17780	16860	13420	8890	4530	2610
		W	2040	1600	1540	1020	520	290	1940	1520	1460	970	490	280	1840	1440	1380	920	460	270
30	-1.1	Q(Btu/h)	14910	13800	11250	7450	3800	2190	15900	14720	12000	7950	4050	2340	16890	15640	12750	8450	4300	2490
		W	2150	1660	1650	1140	640	430	2040	1580	1570	1080	610	410	1930	1500	1490	1020	580	390
25	-3.9	Q(Btu/h)	14000	12600	10560	7000	3560	2050	15000	13500	11320	7500	3820	2200	16000	14400	12080	8000	4080	2350
		W	2120	1580	1640	1130	640	430	2010	1500	1560	1070	610	410	1900	1420	1480	1010	580	390
20	-6.7	Q(Btu/h)	13350	11390	10080	6680	3400	1970	14400	12290	10870	7200	3670	2120	15450	13190	11660	7720	3940	2270
		W	2060	1460	1590	1100	620	420	1960	1390	1510	1040	590	400	1860	1320	1430	980	560	380
15	-9.4	Q(Btu/h)	12680	10170	9570	6340	3230	1870	13800	11070	10420	6900	3520	2030	14920	11970	11270	7460	3810	2190
		W	2000	1350	1550	1070	620	420	1900	1280	1470	1020	590	400	1800	1210	1390	970	560	380
10	-12.2	Q(Btu/h)	11750	8900	8870	5880	2990	1720	12950	9810	9780	6480	3300	1900	14150	10720	10690	7080	3610	2080
		W	1960	1220	1520	1050	600	400	1860	1160	1440	1000	570	380	1760	1100	1360	950	540	360
5	-15.0	Q(Btu/h)	10780	7610	8130	5380	2740	1590	12100	8550	9130	6040	3080	1780	13420	9490	10130	6700	3420	1970
		W	1920	1090	1470	1020	590	400	1820	1030	1400	970	560	380	1720	970	1330	920	530	360
0	-17.8	Q(Btu/h)	9680	6110	7310	4840	2470	1420	11150	7040	8420	5580	2850	1640	12620	7970	9530	6320	3230	1860
		W	1860	960	1440	1000	580	390	1770	910	1370	950	550	370	1680	860	1300	900	520	350
-4	-20.0	Q(Btu/h)	8610	4670	6500	4310	2200	1270	10200	5530	7700	5100	2600	1500	11790	6390	8900	5890	3000	1730
		W	1810	830	1390	970	570	390	1720	790	1320	920	540	370	1630	750	1250	870	510	350

* Above data is for heating operation without any frost.

MSZ-HM18NA
MUZ-HM18NA
1) COOLING

Rated
 Q(Btu/h): 17200
 W: 1640

Indoor W.B. Outdoor D.B. (°F) (°C)			71°F / 21.7°C					67°F / 19.4°C					63°F / 17.2°C							
			Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.
115	46.1	Q(Btu/h)	16250	15820	12290	8130	-	5240	15390	14710	11630	7690	-	4960	14460	13420	10930	7230	-	4660
		W	2430	1890	1830	1200	-	420	2300	1820	1740	1150	-	390	2190	1740	1650	1070	-	380
110	43.3	Q(Btu/h)	16970	16510	12830	8490	-	5470	16070	15360	12140	8030	-	5180	15100	14070	11410	7550	-	4860
		W	2380	1850	1790	1180	-	410	2250	1780	1700	1130	-	380	2150	1710	1610	1050	-	370
105	40.6	Q(Btu/h)	17680	17200	13360	8860	-	5690	16740	16000	12650	8380	-	5390	15730	14710	11890	7880	-	5060
		W	2320	1810	1740	1140	-	400	2190	1740	1650	1090	-	370	2090	1670	1560	1020	-	360
100	37.8	Q(Btu/h)	18340	17850	13860	9180	-	5920	17370	16600	13120	8680	-	5600	16320	15440	12330	8160	-	5260
		W	2250	1770	1700	1130	-	380	2130	1690	1610	1080	-	360	2030	1620	1520	1010	-	350
95	35.0	Q(Btu/h)	19010	18490	14370	9520	-	6130	18000	17200	13600	9000	-	5800	16910	16170	12780	8470	-	5450
		W	2190	1720	1640	1080	-	370	2070	1640	1560	1030	-	350	1970	1570	1480	960	-	340
90	32.2	Q(Btu/h)	19770	19090	14950	9910	-	6370	18720	17890	14150	9370	-	6030	17590	16770	13300	8810	-	5660
		W	2100	1660	1580	1040	-	360	1990	1580	1500	990	-	340	1900	1510	1420	920	-	330
85	29.4	Q(Btu/h)	20530	19690	15520	10290	-	6610	19440	18580	14690	9730	-	6260	18270	17370	13810	9150	-	5880
		W	2020	1600	1520	1000	-	340	1910	1520	1440	960	-	320	1820	1450	1360	890	-	310
80	26.7	Q(Btu/h)	21290	20380	16090	10660	-	6870	20160	19270	15230	10080	-	6500	18940	18060	14310	9480	-	6100
		W	1940	1530	1460	970	-	330	1830	1450	1390	930	-	310	1750	1380	1320	870	-	300
75	23.9	Q(Btu/h)	22050	21070	16660	11030	-	7110	20880	19950	15770	10430	-	6730	19620	18750	14820	9810	-	6320
		W	1840	1460	1390	920	-	310	1740	1380	1320	880	-	290	1660	1310	1250	820	-	280
70	21.1	Q(Btu/h)	22810	21800	17240	11420	-	7350	21600	20640	16320	10800	-	6960	20300	19400	15340	10160	-	6540
		W	1740	1390	1320	870	-	300	1650	1310	1250	830	-	280	1570	1240	1180	770	-	270
65	18.3	Q(Btu/h)	19480	18620	14730	9760	-	5420	18450	17630	13940	9230	-	5130	17340	16570	13100	8680	-	4820
		W	1960	1560	1480	970	-	560	1860	1470	1400	930	-	520	1770	1390	1320	860	-	500
60	15.6	Q(Btu/h)	19480	18620	14730	9760	-	5420	18450	17630	13940	9230	-	5130	17340	16570	13100	8680	-	4820
		W	1960	1560	1480	970	-	560	1860	1470	1400	930	-	520	1770	1390	1320	860	-	500
55	12.8	Q(Btu/h)	19480	18620	14730	9760	-	5420	18450	17630	13940	9230	-	5130	17340	16570	13100	8680	-	4820
		W	1960	1560	1480	970	-	560	1860	1470	1400	930	-	520	1770	1390	1320	860	-	500
50	10.0	Q(Btu/h)	19480	18620	14730	9760	-	5420	18450	17630	13940	9230	-	5130	17340	16570	13100	8680	-	4820
		W	1960	1560	1480	970	-	560	1860	1470	1400	930	-	520	1770	1390	1320	860	-	500
45	7.2	Q(Btu/h)	19480	18620	14730	9760	-	5420	18450	17630	13940	9230	-	5130	17340	16570	13100	8680	-	4820
		W	1960	1560	1480	970	-	560	1860	1470	1400	930	-	520	1770	1390	1320	860	-	500
40	4.4	Q(Btu/h)	19480	18620	14730	9760	-	5420	18450	17630	13940	9230	-	5130	17340	16570	13100	8680	-	4820
		W	1960	1560	1480	970	-	560	1860	1470	1400	930	-	520	1770	1390	1320	860	-	500
35	1.7	Q(Btu/h)	19480	18620	14730	9760	-	5420	18450	17630	13940	9230	-	5130	17340	16570	13100	8680	-	4820
		W	1960	1560	1480	970	-	560	1860	1470	1400	930	-	520	1770	1390	1320	860	-	500
30	-1.1	Q(Btu/h)	19480	18620	14730	9760	-	5420	18450	17630	13940	9230	-	5130	17340	16570	13100	8680	-	4820
		W	1960	1560	1480	970	-	560	1860	1470	1400	930	-	520	1770	1390	1320	860	-	500
25	-3.9	Q(Btu/h)	19480	18620	14730	9760	-	5420	18450	17630	13940	9230	-	5130	17340	16570	13100	8680	-	4820
		W	1960	1560	1480	970	-	560	1860	1470	1400	930	-	520	1770	1390	1320	860	-	500
20	-6.7	Q(Btu/h)	19480	18620	14730	9760	-	5420	18450	17630	13940	9230	-	5130	17340	16570	13100	8680	-	4820
		W	1960	1560	1480	970	-	560	1860	1470	1400	930	-	520	1770	1390	1320	860	-	500
15	-9.4	Q(Btu/h)	19480	18620	14730	9760	-	5420	18450	17630	13940	9230	-	5130	17340	16570	13100	8680	-	4820
		W	1960	1560	1480	970	-	560	1860	1470	1400	930	-	520	1770	1390	1320	860	-	500

* It may not reach the above capacities in low ambient temperatures.

MSZ-HM18NA
MUZ-HM18NA
2) HEATING

Rated
 Q(Btu/h): 18000
 W: 1590

Indoor D.B. Outdoor W.B. (°F) (°C)			78.8°F / 26.0°C						70°F / 21.1°C						59°F / 15.0°C					
			Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.
65	18.3	Q(Btu/h)	24310	21140	18350	12150	6200	5960	25300	22000	19100	12650	6450	6200	26290	22860	19850	13150	6700	6440
		W	2390	1810	1810	1200	610	590	2270	1720	1720	1140	580	560	2150	1630	1630	1080	550	530
60	15.6	Q(Btu/h)	23240	20600	17540	11620	5920	5690	24250	21490	18300	12120	6180	5940	25260	22380	19060	12620	6440	6190
		W	2390	1800	1810	1200	610	590	2270	1710	1720	1140	580	560	2150	1620	1630	1080	550	530
55	12.8	Q(Btu/h)	22160	20030	16740	11080	5660	5440	23200	20970	17520	11600	5920	5690	24240	21910	18300	12120	6180	5940
		W	2380	1780	1800	1190	610	590	2260	1690	1710	1130	580	560	2140	1600	1620	1070	550	530
50	10.0	Q(Btu/h)	21080	18810	15910	10550	5380	5170	22150	19760	16720	11080	5650	5430	23220	20710	17530	11610	5920	5690
		W	2380	1750	1800	1190	610	590	2260	1660	1710	1130	580	560	2140	1570	1620	1070	550	530
45	7.2	Q(Btu/h)	20010	17580	15110	10000	5100	4900	21100	18540	15930	10550	5380	5170	22190	19500	16750	11100	5660	5440
		W	2380	1710	1800	1190	610	590	2260	1620	1710	1130	580	560	2140	1530	1620	1070	550	530
43	6.1	Q(Btu/h)	19790	17040	14940	9900	5050	4860	20900	18000	15780	10450	5330	5130	22010	18960	16620	11000	5610	5400
		W	2370	1680	1790	1190	610	590	2250	1590	1700	1130	580	560	2130	1500	1610	1070	550	530
40	4.4	Q(Btu/h)	18800	16290	14190	9400	4790	4610	19900	17240	15020	9950	5070	4880	21000	18190	15850	10500	5350	5150
		W	2320	1650	1740	1160	590	570	2200	1570	1650	1100	560	540	2080	1490	1560	1040	530	510
35	1.7	Q(Btu/h)	17790	15000	13430	8900	4540	4360	18900	15930	14270	9450	4820	4630	20010	16860	15110	10000	5100	4900
		W	2250	1590	1710	1130	580	560	2140	1510	1620	1070	550	530	2030	1430	1530	1010	520	500
30	-1.1	Q(Btu/h)	16690	13800	12600	8340	4250	4090	17800	14720	13440	8900	4530	4360	18910	15640	14280	9460	4810	4630
		W	2230	1520	1690	1120	570	550	2120	1440	1600	1060	540	520	2010	1360	1510	1000	510	490
25	-3.9	Q(Btu/h)	15580	12600	11760	7780	3970	3820	16700	13500	12600	8340	4250	4090	17820	14400	13440	8900	4530	4360
		W	2200	1430	1660	1110	560	540	2090	1360	1580	1050	530	510	1980	1290	1500	990	500	480
20	-6.7	Q(Btu/h)	14790	11390	11170	7400	3770	3630	15950	12290	12050	7980	4070	3910	17110	13190	12930	8560	4370	4190
		W	2110	1320	1580	1040	540	520	2000	1250	1500	990	510	490	1890	1180	1420	940	480	460
15	-9.4	Q(Btu/h)	13970	10170	10540	6980	3560	3420	15200	11070	11470	7600	3870	3720	16430	11970	12400	8220	4180	4020
		W	2000	1200	1510	990	510	480	1900	1140	1430	940	480	460	1800	1080	1350	890	450	440
10	-12.2	Q(Btu/h)	12830	8900	9690	6410	3270	3140	14150	9810	10680	7070	3600	3460	15470	10720	11670	7730	3930	3780
		W	1940	1070	1460	970	500	470	1840	1020	1390	920	470	450	1740	970	1320	870	440	430
5	-15.0	Q(Btu/h)	11670	7610	8820	5830	2970	2860	13100	8550	9900	6550	3340	3210	14530	9490	10980	7270	3710	3560
		W	1860	950	1410	940	480	460	1770	900	1340	890	460	440	1680	850	1270	840	440	420
0	-17.8	Q(Btu/h)	10500	6110	7930	5240	2670	2570	12100	7040	9130	6040	3080	2960	13700	7970	10330	6840	3490	3350
		W	1800	820	1360	900	450	430	1710	780	1290	850	430	410	1620	740	1220	800	410	390
-4	-20.0	Q(Btu/h)	9370	4670	7080	4690	2390	2300	11100	5530	8380	5550	2830	2720	12830	6390	9680	6410	3270	3140
		W	1740	700	1320	870	440	420	1650	660	1250	830	420	400	1560	620	1180	790	400	380

* Above data is for heating operation without any frost.

MSZ-HM18NA
MUZ-HM18NAH
1) COOLING

Rated
 Q(Btu/h): 17200
 W: 1640

Indoor W.B. Outdoor D.B. (°F) (°C)			71°F / 21.7°C					67°F / 19.4°C					63°F / 17.2°C							
			Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.
115	46.1	Q(Btu/h)	16250	15820	12290	8130	-	5240	15390	14710	11630	7690	-	4960	14460	13420	10930	7230	-	4660
		W	2430	1890	1830	1200	-	420	2300	1820	1740	1150	-	390	2190	1740	1650	1070	-	380
110	43.3	Q(Btu/h)	16970	16510	12830	8490	-	5470	16070	15360	12140	8030	-	5180	15100	14070	11410	7550	-	4860
		W	2380	1850	1790	1180	-	410	2250	1780	1700	1130	-	380	2150	1710	1610	1050	-	370
105	40.6	Q(Btu/h)	17680	17200	13360	8860	-	5690	16740	16000	12650	8380	-	5390	15730	14710	11890	7880	-	5060
		W	2320	1810	1740	1140	-	400	2190	1740	1650	1090	-	370	2090	1670	1560	1020	-	360
100	37.8	Q(Btu/h)	18340	17850	13860	9180	-	5920	17370	16600	13120	8680	-	5600	16320	15440	12330	8160	-	5260
		W	2250	1770	1700	1130	-	380	2130	1690	1610	1080	-	360	2030	1620	1520	1010	-	350
95	35.0	Q(Btu/h)	19010	18490	14370	9520	-	6130	18000	17200	13600	9000	-	5800	16910	16170	12780	8470	-	5450
		W	2190	1720	1640	1080	-	370	2070	1640	1560	1030	-	350	1970	1570	1480	960	-	340
90	32.2	Q(Btu/h)	19770	19090	14950	9910	-	6370	18720	17890	14150	9370	-	6030	17590	16770	13300	8810	-	5660
		W	2100	1660	1580	1040	-	360	1990	1580	1500	990	-	340	1900	1510	1420	920	-	330
85	29.4	Q(Btu/h)	20530	19690	15520	10290	-	6610	19440	18580	14690	9730	-	6260	18270	17370	13810	9150	-	5880
		W	2020	1600	1520	1000	-	340	1910	1520	1440	960	-	320	1820	1450	1360	890	-	310
80	26.7	Q(Btu/h)	21290	20380	16090	10660	-	6870	20160	19270	15230	10080	-	6500	18940	18060	14310	9480	-	6100
		W	1940	1530	1460	970	-	330	1830	1450	1390	930	-	310	1750	1380	1320	870	-	300
75	23.9	Q(Btu/h)	22050	21070	16660	11030	-	7110	20880	19950	15770	10430	-	6730	19620	18750	14820	9810	-	6320
		W	1840	1460	1390	920	-	310	1740	1380	1320	880	-	290	1660	1310	1250	820	-	280
70	21.1	Q(Btu/h)	22810	21800	17240	11420	-	7350	21600	20640	16320	10800	-	6960	20300	19400	15340	10160	-	6540
		W	1740	1390	1320	870	-	300	1650	1310	1250	830	-	280	1570	1240	1180	770	-	270
65	18.3	Q(Btu/h)	19480	18620	14730	9760	-	5420	18450	17630	13940	9230	-	5130	17340	16570	13100	8680	-	4820
		W	1960	1560	1480	970	-	560	1860	1470	1400	930	-	520	1770	1390	1320	860	-	500
60	15.6	Q(Btu/h)	19480	18620	14730	9760	-	5420	18450	17630	13940	9230	-	5130	17340	16570	13100	8680	-	4820
		W	1960	1560	1480	970	-	560	1860	1470	1400	930	-	520	1770	1390	1320	860	-	500
55	12.8	Q(Btu/h)	19480	18620	14730	9760	-	5420	18450	17630	13940	9230	-	5130	17340	16570	13100	8680	-	4820
		W	1960	1560	1480	970	-	560	1860	1470	1400	930	-	520	1770	1390	1320	860	-	500
50	10.0	Q(Btu/h)	19480	18620	14730	9760	-	5420	18450	17630	13940	9230	-	5130	17340	16570	13100	8680	-	4820
		W	1960	1560	1480	970	-	560	1860	1470	1400	930	-	520	1770	1390	1320	860	-	500
45	7.2	Q(Btu/h)	19480	18620	14730	9760	-	5420	18450	17630	13940	9230	-	5130	17340	16570	13100	8680	-	4820
		W	1960	1560	1480	970	-	560	1860	1470	1400	930	-	520	1770	1390	1320	860	-	500
40	4.4	Q(Btu/h)	19480	18620	14730	9760	-	5420	18450	17630	13940	9230	-	5130	17340	16570	13100	8680	-	4820
		W	1960	1560	1480	970	-	560	1860	1470	1400	930	-	520	1770	1390	1320	860	-	500
35	1.7	Q(Btu/h)	19480	18620	14730	9760	-	5420	18450	17630	13940	9230	-	5130	17340	16570	13100	8680	-	4820
		W	1960	1560	1480	970	-	560	1860	1470	1400	930	-	520	1770	1390	1320	860	-	500
30	-1.1	Q(Btu/h)	19480	18620	14730	9760	-	5420	18450	17630	13940	9230	-	5130	17340	16570	13100	8680	-	4820
		W	1960	1560	1480	970	-	560	1860	1470	1400	930	-	520	1770	1390	1320	860	-	500
25	-3.9	Q(Btu/h)	19480	18620	14730	9760	-	5420	18450	17630	13940	9230	-	5130	17340	16570	13100	8680	-	4820
		W	1960	1560	1480	970	-	560	1860	1470	1400	930	-	520	1770	1390	1320	860	-	500
20	-6.7	Q(Btu/h)	19480	18620	14730	9760	-	5420	18450	17630	13940	9230	-	5130	17340	16570	13100	8680	-	4820
		W	1960	1560	1480	970	-	560	1860	1470	1400	930	-	520	1770	1390	1320	860	-	500
15	-9.4	Q(Btu/h)	19480	18620	14730	9760	-	5420	18450	17630	13940	9230	-	5130	17340	16570	13100	8680	-	4820
		W	1960	1560	1480	970	-	560	1860	1470	1400	930	-	520	1770	1390	1320	860	-	500

* It may not reach the above capacities in low ambient temperatures.

MSZ-HM18NA
MUZ-HM18NAH
2) HEATING

Rated
 Q(Btu/h): 18000
 W: 1590

Indoor D.B. Outdoor W.B. (°F) (°C)			78.8°F / 26.0°C						70°F / 21.1°C						59°F / 15.0°C					
			Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.
65	18.3	Q(Btu/h)	24310	21140	18350	12150	6200	5960	25300	22000	19100	12650	6450	6200	26290	22860	19850	13150	6700	6440
		W	2390	1810	1810	1200	610	590	2270	1720	1720	1140	580	560	2150	1630	1630	1080	550	530
60	15.6	Q(Btu/h)	23240	20600	17540	11620	5920	5690	24250	21490	18300	12120	6180	5940	25260	22380	19060	12620	6440	6190
		W	2390	1800	1810	1200	610	590	2270	1710	1720	1140	580	560	2150	1620	1630	1080	550	530
55	12.8	Q(Btu/h)	22160	20030	16740	11080	5660	5440	23200	20970	17520	11600	5920	5690	24240	21910	18300	12120	6180	5940
		W	2380	1780	1800	1190	610	590	2260	1690	1710	1130	580	560	2140	1600	1620	1070	550	530
50	10.0	Q(Btu/h)	21080	18810	15910	10550	5380	5170	22150	19760	16720	11080	5650	5430	23220	20710	17530	11610	5920	5690
		W	2380	1750	1800	1190	610	590	2260	1660	1710	1130	580	560	2140	1570	1620	1070	550	530
45	7.2	Q(Btu/h)	20010	17580	15110	10000	5100	4900	21100	18540	15930	10550	5380	5170	22190	19500	16750	11100	5660	5440
		W	2380	1710	1800	1190	610	590	2260	1620	1710	1130	580	560	2140	1530	1620	1070	550	530
43	6.1	Q(Btu/h)	19790	17040	14940	9900	5050	4860	20900	18000	15780	10450	5330	5130	22010	18960	16620	11000	5610	5400
		W	2370	1680	1790	1190	610	590	2250	1590	1700	1130	580	560	2130	1500	1610	1070	550	530
40	4.4	Q(Btu/h)	18800	16290	14190	9400	4790	4610	19900	17240	15020	9950	5070	4880	21000	18190	15850	10500	5350	5150
		W	2320	1650	1740	1160	590	570	2200	1570	1650	1100	560	540	2080	1490	1560	1040	530	510
35	1.7	Q(Btu/h)	17790	15000	13430	8900	4540	4360	18900	15930	14270	9450	4820	4630	20010	16860	15110	10000	5100	4900
		W	2250	1590	1710	1130	580	560	2140	1510	1620	1070	550	530	2030	1430	1530	1010	520	500
30	-1.1	Q(Btu/h)	16690	13800	12600	8340	4250	4090	17800	14720	13440	8900	4530	4360	18910	15640	14280	9460	4810	4630
		W	2370	1650	1820	1250	710	680	2250	1570	1730	1190	670	650	2130	1490	1640	1130	630	620
25	-3.9	Q(Btu/h)	15580	12600	11760	7780	3970	3820	16700	13500	12600	8340	4250	4090	17820	14400	13440	8900	4530	4360
		W	2340	1570	1800	1240	700	670	2220	1490	1710	1180	660	640	2100	1410	1620	1120	620	610
20	-6.7	Q(Btu/h)	14790	11390	11170	7400	3770	3630	15950	12290	12050	7980	4070	3910	17110	13190	12930	8560	4370	4190
		W	2240	1450	1720	1180	670	650	2130	1380	1630	1120	640	620	2020	1310	1540	1060	610	590
15	-9.4	Q(Btu/h)	13970	10170	10540	6980	3560	3420	15200	11070	11470	7600	3870	3720	16430	11970	12400	8220	4180	4020
		W	2140	1340	1640	1130	640	620	2030	1270	1560	1070	610	590	1920	1200	1480	1010	580	560
10	-12.2	Q(Btu/h)	12830	8900	9690	6410	3270	3140	14150	9810	10680	7070	3600	3460	15470	10720	11670	7730	3930	3780
		W	2080	1210	1600	1110	630	610	1970	1150	1520	1050	600	580	1860	1090	1440	990	570	550
5	-15.0	Q(Btu/h)	11670	7610	8820	5830	2970	2860	13100	8550	9900	6550	3340	3210	14530	9490	10980	7270	3710	3560
		W	2000	1090	1550	1070	620	600	1900	1030	1470	1020	590	570	1800	970	1390	970	560	540
0	-17.8	Q(Btu/h)	10500	6110	7930	5240	2670	2570	12100	7040	9130	6040	3080	2960	13700	7970	10330	6840	3490	3350
		W	1940	960	1500	1030	590	570	1840	910	1420	980	560	540	1740	860	1340	930	530	510
-4	-20.0	Q(Btu/h)	9370	4670	7080	4690	2390	2300	11100	5530	8380	5550	2830	2720	12830	6390	9680	6410	3270	3140
		W	1880	830	1450	1010	580	560	1780	790	1380	960	550	530	1680	750	1310	910	520	500

* Above data is for heating operation without any frost.

MSZ-HM24NA
MUZ-HM24NA
1) COOLING

Rated
 Q(Btu/h): 22500
 W: 2630

Indoor W.B. Outdoor D.B. (°F) (°C)			71°F / 21.7°C						67°F / 19.4°C						63°F / 17.2°C					
			Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.
115	46.1	Q(Btu/h)	20320	20700	15340	10160	5180	5240	19240	19240	14530	9630	4910	4960	18080	17550	13650	9040	4620	4660
		W	3090	3020	2320	1540	780	380	2920	2920	2200	1450	740	370	2770	2790	2080	1380	700	340
110	43.3	Q(Btu/h)	21210	21600	16020	10600	5420	5470	20090	20090	15170	10050	5130	5180	18880	18400	14250	9430	4820	4860
		W	3030	2970	2280	1530	780	370	2860	2860	2160	1440	740	360	2720	2740	2040	1370	700	330
105	40.6	Q(Btu/h)	22100	22500	16680	11040	5640	5690	20930	20930	15800	10460	5340	5390	19670	19240	14850	9820	5020	5060
		W	2950	2910	2220	1490	760	360	2790	2790	2110	1400	720	350	2650	2680	2000	1340	680	330
100	37.8	Q(Btu/h)	22930	23350	17320	11450	5840	5920	21720	21720	16400	10850	5530	5600	20410	20200	15410	10190	5200	5260
		W	2870	2840	2150	1440	730	350	2710	2710	2040	1350	690	340	2580	2600	1930	1290	650	320
95	35.0	Q(Btu/h)	23760	24190	17940	11870	6060	6130	22500	22500	16990	11250	5740	5800	21150	21150	15960	10560	5400	5450
		W	2780	2760	2090	1390	700	340	2630	2630	1980	1310	660	330	2500	2510	1870	1250	620	310
90	32.2	Q(Btu/h)	24710	24980	18660	12330	6300	6370	23400	23400	17670	11690	5970	6030	21990	21940	16600	10970	5610	5660
		W	2680	2660	2010	1340	670	330	2530	2530	1910	1260	640	320	2400	2420	1810	1200	610	300
85	29.4	Q(Btu/h)	25660	25760	19370	12820	6540	6610	24300	24300	18350	12150	6200	6260	22840	22730	17240	11410	5830	5880
		W	2570	2560	1930	1290	640	320	2430	2430	1830	1210	610	310	2310	2330	1730	1160	580	290
80	26.7	Q(Btu/h)	26610	26660	20090	13310	6800	6870	25200	25200	19030	12610	6440	6500	23680	23630	17880	11840	6050	6100
		W	2460	2450	1840	1220	620	310	2320	2320	1750	1150	590	300	2200	2220	1660	1100	560	280
75	23.9	Q(Btu/h)	27560	27560	20810	13780	7030	7110	26100	26100	19710	13060	6660	6730	24530	24530	18520	12260	6260	6320
		W	2340	2340	1760	1170	590	290	2210	2210	1670	1100	560	280	2100	2100	1580	1050	530	260
70	21.1	Q(Btu/h)	28510	28510	21520	14240	7270	7350	27000	27000	20380	13500	6890	6960	25380	25380	19150	12670	6480	6540
		W	2220	2220	1680	1120	560	270	2100	2100	1590	1050	530	260	2000	2000	1500	1000	500	240
65	18.3	Q(Btu/h)	24350	24350	18390	12170	6210	4970	23060	23060	17420	11540	5890	4710	21680	21680	16370	10830	5540	4430
		W	2510	2510	1890	1270	640	510	2370	2370	1790	1190	610	490	2260	2260	1690	1130	580	450
60	15.6	Q(Btu/h)	24350	24350	18390	12170	6210	4970	23060	23060	17420	11540	5890	4710	21680	21680	16370	10830	5540	4430
		W	2510	2510	1890	1270	640	510	2370	2370	1790	1190	610	490	2260	2260	1690	1130	580	450
55	12.8	Q(Btu/h)	24350	24350	18390	12170	6210	4970	23060	23060	17420	11540	5890	4710	21680	21680	16370	10830	5540	4430
		W	2510	2510	1890	1270	640	510	2370	2370	1790	1190	610	490	2260	2260	1690	1130	580	450
50	10.0	Q(Btu/h)	24350	24350	18390	12170	6210	4970	23060	23060	17420	11540	5890	4710	21680	21680	16370	10830	5540	4430
		W	2510	2510	1890	1270	640	510	2370	2370	1790	1190	610	490	2260	2260	1690	1130	580	450
45	7.2	Q(Btu/h)	24350	24350	18390	12170	6210	4970	23060	23060	17420	11540	5890	4710	21680	21680	16370	10830	5540	4430
		W	2510	2510	1890	1270	640	510	2370	2370	1790	1190	610	490	2260	2260	1690	1130	580	450
40	4.4	Q(Btu/h)	24350	24350	18390	12170	6210	4970	23060	23060	17420	11540	5890	4710	21680	21680	16370	10830	5540	4430
		W	2510	2510	1890	1270	640	510	2370	2370	1790	1190	610	490	2260	2260	1690	1130	580	450
35	1.7	Q(Btu/h)	24350	24350	18390	12170	6210	4970	23060	23060	17420	11540	5890	4710	21680	21680	16370	10830	5540	4430
		W	2510	2510	1890	1270	640	510	2370	2370	1790	1190	610	490	2260	2260	1690	1130	580	450
30	-1.1	Q(Btu/h)	24350	24350	18390	12170	6210	4970	23060	23060	17420	11540	5890	4710	21680	21680	16370	10830	5540	4430
		W	2510	2510	1890	1270	640	510	2370	2370	1790	1190	610	490	2260	2260	1690	1130	580	450
25	-3.9	Q(Btu/h)	24350	24350	18390	12170	6210	4970	23060	23060	17420	11540	5890	4710	21680	21680	16370	10830	5540	4430
		W	2510	2510	1890	1270	640	510	2370	2370	1790	1190	610	490	2260	2260	1690	1130	580	450
20	-6.7	Q(Btu/h)	24350	24350	18390	12170	6210	4970	23060	23060	17420	11540	5890	4710	21680	21680	16370	10830	5540	4430
		W	2510	2510	1890	1270	640	510	2370	2370	1790	1190	610	490	2260	2260	1690	1130	580	450
15	-9.4	Q(Btu/h)	24350	24350	18390	12170	6210	4970	23060	23060	17420	11540	5890	4710	21680	21680	16370	10830	5540	4430
		W	2510	2510	1890	1270	640	510	2370	2370	1790	1190	610	490	2260	2260	1690	1130	580	450

* It may not reach the above capacities in low ambient temperatures.

MSZ-HM24NA
MUZ-HM24NA
2) HEATING

Rated
 Q(Btu/h): 26000
 W: 2500

Indoor D.B. Outdoor W.B. (°F) (°C)			78.8°F / 26.0°C						70°F / 21.1°C						59°F / 15.0°C					
			Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.
65	18.3	Q(Btu/h)	30750	30750	23130	15510	7620	5260	32000	32000	24070	16140	7930	5470	33250	33250	25010	16770	8240	5680
		W	2920	2840	2200	1470	730	510	2770	2700	2090	1400	690	480	2620	2560	1980	1330	650	450
60	15.6	Q(Btu/h)	29860	29860	22460	15060	7400	5100	31150	31150	23430	15710	7720	5320	32440	32440	24400	16360	8040	5540
		W	2860	2820	2150	1440	710	480	2710	2680	2040	1370	670	460	2570	2540	1930	1300	630	440
55	12.8	Q(Btu/h)	28950	28940	21770	14600	7170	4950	30300	30290	22790	15280	7510	5180	31650	31640	23810	15960	7850	5410
		W	2790	2790	2100	1400	680	470	2650	2650	1990	1330	650	450	2510	2510	1880	1260	620	430
50	10.0	Q(Btu/h)	27170	27170	20450	13710	6740	4640	28550	28540	21480	14400	7080	4880	29930	29910	22510	15090	7420	5120
		W	2740	2740	2060	1380	670	460	2600	2600	1960	1310	640	440	2460	2460	1860	1240	610	420
45	7.2	Q(Btu/h)	25410	25400	19120	12820	6310	4350	26800	26780	20160	13520	6650	4590	28190	28160	21200	14220	6990	4830
		W	2690	2690	2020	1360	670	460	2550	2550	1920	1290	640	440	2410	2410	1820	1220	610	420
43	6.1	Q(Btu/h)	24620	24620	18520	12410	6100	4200	26000	26000	19560	13110	6440	4440	27380	27380	20600	13810	6780	4680
		W	2630	2630	1980	1330	650	450	2500	2500	1880	1260	620	430	2370	2370	1780	1190	590	410
40	4.4	Q(Btu/h)	23380	23530	17580	11780	5790	4000	24750	24900	18610	12470	6130	4230	26120	26270	19640	13160	6470	4460
		W	2600	2600	1960	1320	650	450	2470	2470	1860	1250	620	430	2340	2340	1760	1180	590	410
35	1.7	Q(Btu/h)	22120	21660	16630	11160	5480	3770	23500	23010	17670	11850	5820	4010	24880	24360	18710	12540	6160	4250
		W	2560	2510	1930	1300	630	430	2430	2380	1830	1230	600	410	2300	2250	1730	1160	570	390
30	-1.1	Q(Btu/h)	20670	19930	15560	10440	5130	3530	22050	21260	16590	11130	5470	3770	23430	22590	17620	11820	5810	4010
		W	2510	2380	1900	1270	620	430	2380	2260	1800	1210	590	410	2250	2140	1700	1150	560	390
25	-3.9	Q(Btu/h)	19220	18200	14450	9690	4760	3280	20600	19500	15490	10380	5100	3520	21980	20800	16530	11070	5440	3760
		W	2440	2250	1830	1220	600	410	2320	2140	1740	1160	570	390	2200	2030	1650	1100	540	370
20	-6.7	Q(Btu/h)	18030	16460	13560	9100	4470	3080	19450	17750	14630	9810	4820	3320	20870	19040	15700	10520	5170	3560
		W	2380	2080	1790	1200	590	410	2260	1970	1700	1140	560	390	2140	1860	1610	1080	530	370
15	-9.4	Q(Btu/h)	16810	14690	12640	8480	4170	2880	18300	15990	13760	9230	4540	3130	19790	17290	14880	9980	4910	3380
		W	2320	1900	1740	1160	570	390	2200	1800	1650	1100	540	370	2080	1700	1560	1040	510	350
10	-12.2	Q(Btu/h)	15330	12850	11530	7730	3800	2620	16900	14170	12710	8520	4190	2890	18470	15490	13890	9310	4580	3160
		W	2270	1700	1710	1150	570	390	2150	1610	1620	1090	540	370	2030	1520	1530	1030	510	350
5	-15.0	Q(Btu/h)	13800	11000	10380	6960	3420	2360	15500	12350	11660	7820	3840	2650	17200	13700	12940	8680	4260	2940
		W	2200	1490	1650	1110	550	380	2090	1410	1570	1050	520	360	1980	1330	1490	990	490	340
0	-17.8	Q(Btu/h)	12330	9180	9270	6220	3060	2110	14200	10580	10680	7160	3520	2430	16070	11980	12090	8100	3980	2750
		W	1960	1310	1470	990	480	340	1860	1240	1400	940	460	320	1760	1170	1330	890	440	300
-4	-20.0	Q(Btu/h)	10810	7430	8130	5450	2690	1850	12800	8800	9630	6460	3180	2190	14790	10170	11130	7470	3670	2530
		W	1840	1120	1390	940	460	320	1750	1060	1320	890	440	300	1660	1000	1250	840	420	280

* Above data is for heating operation without any frost.

MSZ-HM24NA
MUZ-HM24NAH
1) COOLING

Rated
 Q(Btu/h): 22500
 W: 2630

Indoor W.B. Outdoor D.B. (°F) (°C)			71°F / 21.7°C						67°F / 19.4°C						63°F / 17.2°C					
			Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.
115	46.1	Q(Btu/h)	20320	20700	15340	10160	5180	5240	19240	19240	14530	9630	4910	4960	18080	17550	13650	9040	4620	4660
		W	3090	3020	2320	1540	780	380	2920	2920	2200	1450	740	370	2770	2790	2080	1380	700	340
110	43.3	Q(Btu/h)	21210	21600	16020	10600	5420	5470	20090	20090	15170	10050	5130	5180	18880	18400	14250	9430	4820	4860
		W	3030	2970	2280	1530	780	370	2860	2860	2160	1440	740	360	2720	2740	2040	1370	700	330
105	40.6	Q(Btu/h)	22100	22500	16680	11040	5640	5690	20930	20930	15800	10460	5340	5390	19670	19240	14850	9820	5020	5060
		W	2950	2910	2220	1490	760	360	2790	2790	2110	1400	720	350	2650	2680	2000	1340	680	330
100	37.8	Q(Btu/h)	22930	23350	17320	11450	5840	5920	21720	21720	16400	10850	5530	5600	20410	20200	15410	10190	5200	5260
		W	2870	2840	2150	1440	730	350	2710	2710	2040	1350	690	340	2580	2600	1930	1290	650	320
95	35.0	Q(Btu/h)	23760	24190	17940	11870	6060	6130	22500	22500	16990	11250	5740	5800	21150	21150	15960	10560	5400	5450
		W	2780	2760	2090	1390	700	340	2630	2630	1980	1310	660	330	2500	2510	1870	1250	620	310
90	32.2	Q(Btu/h)	24710	24980	18660	12330	6300	6370	23400	23400	17670	11690	5970	6030	21990	21940	16600	10970	5610	5660
		W	2680	2660	2010	1340	670	330	2530	2530	1910	1260	640	320	2400	2420	1810	1200	610	300
85	29.4	Q(Btu/h)	25660	25760	19370	12820	6540	6610	24300	24300	18350	12150	6200	6260	22840	22730	17240	11410	5830	5880
		W	2570	2560	1930	1290	640	320	2430	2430	1830	1210	610	310	2310	2330	1730	1160	580	290
80	26.7	Q(Btu/h)	26610	26660	20090	13310	6800	6870	25200	25200	19030	12610	6440	6500	23680	23630	17880	11840	6050	6100
		W	2460	2450	1840	1220	620	310	2320	2320	1750	1150	590	300	2200	2220	1660	1100	560	280
75	23.9	Q(Btu/h)	27560	27560	20810	13780	7030	7110	26100	26100	19710	13060	6660	6730	24530	24530	18520	12260	6260	6320
		W	2340	2340	1760	1170	590	290	2210	2210	1670	1100	560	280	2100	2100	1580	1050	530	260
70	21.1	Q(Btu/h)	28510	28510	21520	14240	7270	7350	27000	27000	20380	13500	6890	6960	25380	25380	19150	12670	6480	6540
		W	2220	2220	1680	1120	560	270	2100	2100	1590	1050	530	260	2000	2000	1500	1000	500	240
65	18.3	Q(Btu/h)	24350	24350	18390	12170	6210	4970	23060	23060	17420	11540	5890	4710	21680	21680	16370	10830	5540	4430
		W	2510	2510	1890	1270	640	510	2370	2370	1790	1190	610	490	2260	2260	1690	1130	580	450
60	15.6	Q(Btu/h)	24350	24350	18390	12170	6210	4970	23060	23060	17420	11540	5890	4710	21680	21680	16370	10830	5540	4430
		W	2510	2510	1890	1270	640	510	2370	2370	1790	1190	610	490	2260	2260	1690	1130	580	450
55	12.8	Q(Btu/h)	24350	24350	18390	12170	6210	4970	23060	23060	17420	11540	5890	4710	21680	21680	16370	10830	5540	4430
		W	2510	2510	1890	1270	640	510	2370	2370	1790	1190	610	490	2260	2260	1690	1130	580	450
50	10.0	Q(Btu/h)	24350	24350	18390	12170	6210	4970	23060	23060	17420	11540	5890	4710	21680	21680	16370	10830	5540	4430
		W	2510	2510	1890	1270	640	510	2370	2370	1790	1190	610	490	2260	2260	1690	1130	580	450
45	7.2	Q(Btu/h)	24350	24350	18390	12170	6210	4970	23060	23060	17420	11540	5890	4710	21680	21680	16370	10830	5540	4430
		W	2510	2510	1890	1270	640	510	2370	2370	1790	1190	610	490	2260	2260	1690	1130	580	450
40	4.4	Q(Btu/h)	24350	24350	18390	12170	6210	4970	23060	23060	17420	11540	5890	4710	21680	21680	16370	10830	5540	4430
		W	2510	2510	1890	1270	640	510	2370	2370	1790	1190	610	490	2260	2260	1690	1130	580	450
35	1.7	Q(Btu/h)	24350	24350	18390	12170	6210	4970	23060	23060	17420	11540	5890	4710	21680	21680	16370	10830	5540	4430
		W	2510	2510	1890	1270	640	510	2370	2370	1790	1190	610	490	2260	2260	1690	1130	580	450
30	-1.1	Q(Btu/h)	24350	24350	18390	12170	6210	4970	23060	23060	17420	11540	5890	4710	21680	21680	16370	10830	5540	4430
		W	2510	2510	1890	1270	640	510	2370	2370	1790	1190	610	490	2260	2260	1690	1130	580	450
25	-3.9	Q(Btu/h)	24350	24350	18390	12170	6210	4970	23060	23060	17420	11540	5890	4710	21680	21680	16370	10830	5540	4430
		W	2510	2510	1890	1270	640	510	2370	2370	1790	1190	610	490	2260	2260	1690	1130	580	450
20	-6.7	Q(Btu/h)	24350	24350	18390	12170	6210	4970	23060	23060	17420	11540	5890	4710	21680	21680	16370	10830	5540	4430
		W	2510	2510	1890	1270	640	510	2370	2370	1790	1190	610	490	2260	2260	1690	1130	580	450
15	-9.4	Q(Btu/h)	24350	24350	18390	12170	6210	4970	23060	23060	17420	11540	5890	4710	21680	21680	16370	10830	5540	4430
		W	2510	2510	1890	1270	640	510	2370	2370	1790	1190	610	490	2260	2260	1690	1130	580	450

* It may not reach the above capacities in low ambient temperatures.

MSZ-HM24NA
MUZ-HM24NAH
2) HEATING

Rated
 Q(Btu/h): 26000
 W: 2500

Indoor D.B. Outdoor W.B. (°F) (°C)			78.8°F / 26.0°C						70°F / 21.1°C						59°F / 15.0°C					
			Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.
65	18.3	Q(Btu/h)	30750	30750	23130	15510	7620	5260	32000	32000	24070	16140	7930	5470	33250	33250	25010	16770	8240	5680
		W	2920	2840	2200	1470	730	510	2770	2700	2090	1400	690	480	2620	2560	1980	1330	650	450
60	15.6	Q(Btu/h)	29860	29860	22460	15060	7400	5100	31150	31150	23430	15710	7720	5320	32440	32440	24400	16360	8040	5540
		W	2860	2820	2150	1440	710	480	2710	2680	2040	1370	670	460	2570	2540	1930	1300	630	440
55	12.8	Q(Btu/h)	28950	28940	21770	14600	7170	4950	30300	30290	22790	15280	7510	5180	31650	31640	23810	15960	7850	5410
		W	2790	2790	2100	1400	680	470	2650	2650	1990	1330	650	450	2510	2510	1880	1260	620	430
50	10.0	Q(Btu/h)	27170	27170	20450	13710	6740	4640	28550	28540	21480	14400	7080	4880	29930	29910	22510	15090	7420	5120
		W	2740	2740	2060	1380	670	460	2600	2600	1960	1310	640	440	2460	2460	1860	1240	610	420
45	7.2	Q(Btu/h)	25410	25400	19120	12820	6310	4350	26800	26780	20160	13520	6650	4590	28190	28160	21200	14220	6990	4830
		W	2690	2690	2020	1360	670	460	2550	2550	1920	1290	640	440	2410	2410	1820	1220	610	420
43	6.1	Q(Btu/h)	24620	24620	18520	12410	6100	4200	26000	26000	19560	13110	6440	4440	27380	27380	20600	13810	6780	4680
		W	2630	2630	1980	1330	650	450	2500	2500	1880	1260	620	430	2370	2370	1780	1190	590	410
40	4.4	Q(Btu/h)	23380	23530	17580	11780	5790	4000	24750	24900	18610	12470	6130	4230	26120	26270	19640	13160	6470	4460
		W	2600	2600	1960	1320	650	450	2470	2470	1860	1250	620	430	2340	2340	1760	1180	590	410
35	1.7	Q(Btu/h)	22120	21660	16630	11160	5480	3770	23500	23010	17670	11850	5820	4010	24880	24360	18710	12540	6160	4250
		W	2560	2510	1930	1300	630	430	2430	2380	1830	1230	600	410	2300	2250	1730	1160	570	390
30	-1.1	Q(Btu/h)	20670	19930	15560	10440	5130	3530	22050	21260	16590	11130	5470	3770	23430	22590	17620	11820	5810	4010
		W	2630	2510	2020	1400	750	560	2500	2380	1920	1330	710	530	2370	2250	1820	1260	670	500
25	-3.9	Q(Btu/h)	19220	18200	14450	9690	4760	3280	20600	19500	15490	10380	5100	3520	21980	20800	16530	11070	5440	3760
		W	2570	2380	1960	1350	730	540	2440	2260	1860	1280	690	510	2310	2140	1760	1210	650	480
20	-6.7	Q(Btu/h)	18030	16460	13560	9100	4470	3080	19450	17750	14630	9810	4820	3320	20870	19040	15700	10520	5170	3560
		W	2510	2200	1920	1330	720	540	2380	2090	1820	1260	680	510	2250	1980	1720	1190	640	480
15	-9.4	Q(Btu/h)	16810	14690	12640	8480	4170	2880	18300	15990	13760	9230	4540	3130	19790	17290	14880	9980	4910	3380
		W	2440	2020	1860	1290	700	520	2320	1920	1770	1220	660	490	2200	1820	1680	1150	620	460
10	-12.2	Q(Btu/h)	15330	12850	11530	7730	3800	2620	16900	14170	12710	8520	4190	2890	18470	15490	13890	9310	4580	3160
		W	2390	1820	1830	1270	700	520	2270	1730	1740	1210	660	490	2150	1640	1650	1150	620	460
5	-15.0	Q(Btu/h)	13800	11000	10380	6960	3420	2360	15500	12350	11660	7820	3840	2650	17200	13700	12940	8680	4260	2940
		W	2330	1610	1780	1230	670	510	2210	1530	1690	1170	640	480	2090	1450	1600	1110	610	450
0	-17.8	Q(Btu/h)	12330	9180	9270	6220	3060	2110	14200	10580	10680	7160	3520	2430	16070	11980	12090	8100	3980	2750
		W	2090	1430	1600	1120	610	460	1980	1360	1520	1060	580	440	1870	1290	1440	1000	550	420
-4	-20.0	Q(Btu/h)	10810	7430	8130	5450	2690	1850	12800	8800	9630	6460	3180	2190	14790	10170	11130	7470	3670	2530
		W	1970	1240	1520	1060	590	440	1870	1180	1440	1010	560	420	1770	1120	1360	960	530	400

* Above data is for heating operation without any frost.

MITSUBISHI ELECTRIC CORPORATION

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