

OUTDOOR UNIT

No. OBD873

TECHNICAL DATA



Models

MUZ-FS06NA - U1

MUZ-FS09NA - U1

MUZ-FS12NA - U1

MUZ-FS15NA - U1

MUZ-FS18NA - U1

MUZ-FS06NAH - U1

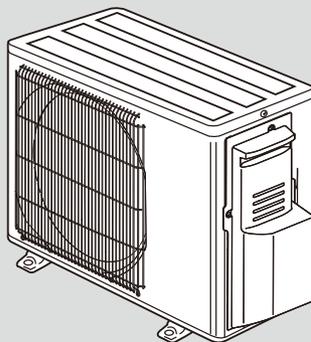
MUZ-FS09NAH - U1

MUZ-FS12NAH - U1

MUZ-FS15NAH - U1

MUZ-FS18NAH - U1

Indoor unit technical data
MSZ-FS•NA Series (OBD872)
Indoor unit service manual
MSZ-FS•NA Series (OBH872)
Outdoor unit service manual
MUZ-FS•NA Series (OBH873)



MUZ-FS06NA
MUZ-FS09NA
MUZ-FS12NA

MUZ-FS06NAH
MUZ-FS09NAH
MUZ-FS12NAH

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6

PART LOAD CAPACITY CHART

MSZ-FS06NA
MUZ-FS06NA
1) COOLING

Rated
 Q(Btu/h): 6000
 W: 315

Indoor W.B.		71°F / 21.7°C							67°F / 19.4°C							63°F / 17.2°C						
Outdoor D.B.		Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.			
(°F)	(°C)	Q(Btu/h)	W					Q(Btu/h)	W					Q(Btu/h)	W							
115	46.1	Q(Btu/h)	8140	5520	6050	4140	2060	1530	7700	5130	5730	3930	1960	1450	7240	4680	5380	3690	1840	1360		
		W	660	360	490	320	150	120	620	350	460	310	150	110	590	330	450	280	140	110		
110	43.3	Q(Btu/h)	8490	5760	6310	4330	2160	1600	8040	5360	5980	4110	2050	1520	7550	4910	5610	3860	1920	1430		
		W	650	360	490	320	150	120	610	340	460	310	150	110	580	330	450	280	140	110		
105	40.6	Q(Btu/h)	8840	6000	6570	4510	2250	1670	8370	5580	6230	4280	2140	1580	7860	5130	5850	4020	2000	1480		
		W	630	350	470	320	150	120	590	330	440	310	150	110	560	320	430	280	140	110		
100	37.8	Q(Btu/h)	9180	6230	6840	4680	2340	1730	8690	5790	6480	4440	2220	1640	8170	5390	6080	4170	2080	1540		
		W	620	340	450	310	150	120	580	320	430	300	150	110	560	310	420	280	140	110		
95	35.0	Q(Btu/h)	9510	6450	7070	4840	2410	1790	9000	6000	6700	4590	2290	1700	8460	5640	6290	4310	2140	1600		
		W	600	330	440	290	140	110	560	315	420	280	140	100	540	300	410	260	130	100		
90	32.2	Q(Btu/h)	9890	6660	7360	5030	2520	1870	9360	6240	6970	4770	2390	1770	8800	5850	6540	4470	2240	1660		
		W	570	320	420	280	130	110	540	300	400	270	130	100	520	290	390	250	120	100		
85	29.4	Q(Btu/h)	10270	6870	7640	5240	2620	1940	9720	6480	7240	4970	2490	1840	9130	6060	6790	4660	2330	1730		
		W	550	310	400	280	130	100	520	290	380	270	130	90	500	280	370	250	120	90		
80	26.7	Q(Btu/h)	10650	7110	7930	5430	2720	2020	10080	6720	7510	5150	2580	1910	9470	6300	7050	4830	2420	1790		
		W	530	300	400	280	130	100	500	280	380	270	130	90	480	270	370	250	120	90		
75	23.9	Q(Btu/h)	11030	7350	8210	5620	2810	2080	10440	6960	7780	5330	2670	1970	9810	6540	7300	5000	2500	1850		
		W	500	280	370	250	120	90	470	260	350	240	120	80	450	250	340	220	110	80		
70	21.1	Q(Btu/h)	11410	7600	8480	5810	2890	2150	10800	7200	8040	5510	2750	2040	10150	6770	7540	5170	2570	1920		
		W	480	270	350	230	110	90	450	250	330	220	110	80	430	240	320	200	100	80		
65	18.3	Q(Btu/h)	9750	6490	7260	4970	2480	2070	9230	6150	6880	4710	2360	1960	8670	5780	6450	4420	2210	1840		
		W	540	310	400	280	130	120	510	290	380	270	130	110	490	280	370	250	120	110		
60	15.6	Q(Btu/h)	9750	6490	7260	4970	2480	2070	9230	6150	6880	4710	2360	1960	8670	5780	6450	4420	2210	1840		
		W	540	310	400	280	130	120	510	290	380	270	130	110	490	280	370	250	120	110		
55	12.8	Q(Btu/h)	9750	6490	7260	4970	2480	2070	9230	6150	6880	4710	2360	1960	8670	5780	6450	4420	2210	1840		
		W	540	310	400	280	130	120	510	290	380	270	130	110	490	280	370	250	120	110		
50	10.0	Q(Btu/h)	9750	6490	7260	4970	2480	2070	9230	6150	6880	4710	2360	1960	8670	5780	6450	4420	2210	1840		
		W	540	310	400	280	130	120	510	290	380	270	130	110	490	280	370	250	120	110		
45	7.2	Q(Btu/h)	9750	6490	7260	4970	2480	2070	9230	6150	6880	4710	2360	1960	8670	5780	6450	4420	2210	1840		
		W	540	310	400	280	130	120	510	290	380	270	130	110	490	280	370	250	120	110		
40	4.4	Q(Btu/h)	9750	6490	7260	4970	2480	2070	9230	6150	6880	4710	2360	1960	8670	5780	6450	4420	2210	1840		
		W	540	310	400	280	130	120	510	290	380	270	130	110	490	280	370	250	120	110		
35	1.7	Q(Btu/h)	9750	6490	7260	4970	2480	2070	9230	6150	6880	4710	2360	1960	8670	5780	6450	4420	2210	1840		
		W	540	310	400	280	130	120	510	290	380	270	130	110	490	280	370	250	120	110		
30	-1.1	Q(Btu/h)	9750	6490	7260	4970	2480	2070	9230	6150	6880	4710	2360	1960	8670	5780	6450	4420	2210	1840		
		W	540	310	400	280	130	120	510	290	380	270	130	110	490	280	370	250	120	110		
25	-3.9	Q(Btu/h)	9750	6490	7260	4970	2480	2070	9230	6150	6880	4710	2360	1960	8670	5780	6450	4420	2210	1840		
		W	540	310	400	280	130	120	510	290	380	270	130	110	490	280	370	250	120	110		
20	-6.7	Q(Btu/h)	9750	6490	7260	4970	2480	2070	9230	6150	6880	4710	2360	1960	8670	5780	6450	4420	2210	1840		
		W	540	310	400	280	130	120	510	290	380	270	130	110	490	280	370	250	120	110		
15	-9.4	Q(Btu/h)	9750	6490	7260	4970	2480	2070	9230	6150	6880	4710	2360	1960	8670	5780	6450	4420	2210	1840		
		W	540	310	400	280	130	120	510	290	380	270	130	110	490	280	370	250	120	110		

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

MSZ-FS06NA
MUZ-FS06NA
2) HEATING

Rated
 Q(Btu/h): 8700
 W: 545

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)	21480	10870	16220	10740	5480	2030	22360	11310	16880	11180	5700	2110	23240	11750	17540	11620	5920	2190
		W	1750	620	1320	870	440	170	1660	590	1250	830	420	160	1570	560	1180	790	400	150
60	15.6	Q(Btu/h)	20320	10280	15340	10160	5180	1920	21200	10730	16000	10600	5400	2000	22080	11180	16660	11040	5620	2080
		W	1740	620	1310	860	440	170	1650	590	1240	820	420	160	1560	560	1170	780	400	150
55	12.8	Q(Btu/h)	19140	9690	14440	9570	4870	1810	20040	10140	15120	10020	5100	1890	20940	10590	15800	10470	5330	1970
		W	1720	610	1300	850	430	160	1630	580	1230	810	410	150	1540	550	1160	770	390	140
50	10.0	Q(Btu/h)	17970	9090	13560	8990	4580	1690	18880	9550	14250	9440	4810	1780	19790	10010	14940	9890	5040	1870
		W	1690	600	1260	840	430	160	1600	570	1200	800	410	150	1510	540	1140	760	390	140
45	7.2	Q(Btu/h)	16800	8500	12680	8400	4280	1580	17720	8960	13370	8860	4510	1670	18640	9420	14060	9320	4740	1760
		W	1650	590	1250	830	430	160	1570	560	1190	790	410	150	1490	530	1130	750	390	140
43	6.1	Q(Btu/h)	16290	8240	12300	8140	4150	1530	17200	8700	12990	8600	4380	1620	18110	9160	13680	9060	4610	1710
		W	1620	570	1220	810	410	150	1540	545	1160	770	390	140	1460	520	1100	730	370	130
40	4.4	Q(Btu/h)	15320	7870	11560	7660	3900	1450	16210	8330	12240	8110	4130	1530	17100	8790	12920	8560	4360	1610
		W	1580	570	1190	790	400	150	1500	540	1130	750	380	140	1420	510	1070	710	360	130
35	1.7	Q(Btu/h)	14330	7250	10810	7150	3640	1350	15220	7700	11480	7600	3870	1430	16110	8150	12150	8050	4100	1510
		W	1540	550	1160	770	390	150	1460	520	1100	730	370	140	1380	490	1040	690	350	130
30	-1.1	Q(Btu/h)	13840	6680	10450	6920	3530	1300	14760	7120	11140	7380	3760	1390	15680	7560	11830	7840	3990	1480
		W	1520	530	1140	750	380	140	1440	500	1080	710	360	130	1360	470	1020	670	340	120
25	-3.9	Q(Btu/h)	13340	6090	10080	6680	3410	1260	14300	6530	10800	7160	3650	1350	15260	6970	11520	7640	3890	1440
		W	1500	500	1130	750	380	140	1420	470	1070	710	360	130	1340	440	1010	670	340	120
20	-6.7	Q(Btu/h)	12580	5510	9490	6290	3200	1190	13570	5940	10240	6780	3450	1280	14560	6370	10990	7270	3700	1370
		W	1490	450	1120	740	370	140	1410	430	1060	700	350	130	1330	410	1000	660	330	120
15	-9.4	Q(Btu/h)	11800	4920	8900	5900	3000	1110	12840	5350	9690	6420	3270	1210	13880	5780	10480	6940	3540	1310
		W	1470	410	1110	740	370	140	1400	390	1050	700	350	130	1330	370	990	660	330	120
10	-12.2	Q(Btu/h)	10590	4300	7990	5300	2700	1000	11670	4740	8810	5840	2980	1100	12750	5180	9630	6380	3260	1200
		W	1400	370	1050	700	350	130	1330	350	1000	660	330	120	1260	330	950	620	310	110
5	-15.0	Q(Btu/h)	9350	3680	7050	4680	2380	880	10500	4130	7920	5250	2670	990	11650	4580	8790	5820	2960	1100
		W	1320	330	990	650	340	130	1250	310	940	620	320	120	1180	290	890	590	300	110
0	-17.8	Q(Btu/h)	8330	3610	6280	4160	2120	780	9600	4160	7240	4790	2440	900	10870	4710	8200	5420	2760	1020
		W	1250	450	950	630	330	120	1190	430	900	600	310	110	1130	410	850	570	290	100
-4	-20.0	Q(Btu/h)	7350	3540	5550	3680	1870	690	8700	4190	6570	4360	2220	820	10050	4840	7590	5040	2570	950
		W	1190	570	900	590	290	110	1130	540	850	560	280	100	1070	510	800	530	270	90
-10	-23.3	Q(Btu/h)	6360	3060	4800	3180	1620	600	7980	3840	6020	3990	2030	750	9600	4620	7240	4800	2440	900
		W	1180	570	880	580	290	110	1120	540	840	550	280	100	1060	510	800	520	270	90
-13	-25.0	Q(Btu/h)	5570	2680	4210	2790	1420	530	7250	3490	5480	3630	1850	690	8930	4300	6750	4470	2280	850
		W	1160	560	880	580	290	110	1100	530	840	550	280	100	1040	500	800	520	270	90

* Above data is for heating operation without any frost.

MSZ-FS06NA
MUZ-FS06NAH
1) COOLING

Rated
 Q(Btu/h): 6000
 W: 315

Indoor W.B.			71°F / 21.7°C						67°F / 19.4°C						63°F / 17.2°C					
Outdoor D.B.			Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.
(°F)	(°C)	Q(Btu/h)																		
115	46.1	Q(Btu/h)	8140	5520	6050	4140	2060	1530	7700	5130	5730	3930	1960	1450	7240	4680	5380	3690	1840	1360
		W	660	360	490	320	150	120	620	350	460	310	150	110	590	330	450	280	140	110
110	43.3	Q(Btu/h)	8490	5760	6310	4330	2160	1600	8040	5360	5980	4110	2050	1520	7550	4910	5610	3860	1920	1430
		W	650	360	490	320	150	120	610	340	460	310	150	110	580	330	450	280	140	110
105	40.6	Q(Btu/h)	8840	6000	6570	4510	2250	1670	8370	5580	6230	4280	2140	1580	7860	5130	5850	4020	2000	1480
		W	630	350	470	320	150	120	590	330	440	310	150	110	560	320	430	280	140	110
100	37.8	Q(Btu/h)	9180	6230	6840	4680	2340	1730	8690	5790	6480	4440	2220	1640	8170	5390	6080	4170	2080	1540
		W	620	340	450	310	150	120	580	320	430	300	150	110	560	310	420	280	140	110
95	35.0	Q(Btu/h)	9510	6450	7070	4840	2410	1790	9000	6000	6700	4590	2290	1700	8460	5640	6290	4310	2140	1600
		W	600	330	440	290	140	110	560	315	420	280	140	100	540	300	410	260	130	100
90	32.2	Q(Btu/h)	9890	6660	7360	5030	2520	1870	9360	6240	6970	4770	2390	1770	8800	5850	6540	4470	2240	1660
		W	570	320	420	280	130	110	540	300	400	270	130	100	520	290	390	250	120	100
85	29.4	Q(Btu/h)	10270	6870	7640	5240	2620	1940	9720	6480	7240	4970	2490	1840	9130	6060	6790	4660	2330	1730
		W	550	310	400	280	130	100	520	290	380	270	130	90	500	280	370	250	120	90
80	26.7	Q(Btu/h)	10650	7110	7930	5430	2720	2020	10080	6720	7510	5150	2580	1910	9470	6300	7050	4830	2420	1790
		W	530	300	400	280	130	100	500	280	380	270	130	90	480	270	370	250	120	90
75	23.9	Q(Btu/h)	11030	7350	8210	5620	2810	2080	10440	6960	7780	5330	2670	1970	9810	6540	7300	5000	2500	1850
		W	500	280	370	250	120	90	470	260	350	240	120	80	450	250	340	220	110	80
70	21.1	Q(Btu/h)	11410	7600	8480	5810	2890	2150	10800	7200	8040	5510	2750	2040	10150	6770	7540	5170	2570	1920
		W	480	270	350	230	110	90	450	250	330	220	110	80	430	240	320	200	100	80
65	18.3	Q(Btu/h)	9750	6490	7260	4970	2480	2070	9230	6150	6880	4710	2360	1960	8670	5780	6450	4420	2210	1840
		W	540	310	400	280	130	120	510	290	380	270	130	110	490	280	370	250	120	110
60	15.6	Q(Btu/h)	9750	6490	7260	4970	2480	2070	9230	6150	6880	4710	2360	1960	8670	5780	6450	4420	2210	1840
		W	540	310	400	280	130	120	510	290	380	270	130	110	490	280	370	250	120	110
55	12.8	Q(Btu/h)	9750	6490	7260	4970	2480	2070	9230	6150	6880	4710	2360	1960	8670	5780	6450	4420	2210	1840
		W	540	310	400	280	130	120	510	290	380	270	130	110	490	280	370	250	120	110
50	10.0	Q(Btu/h)	9750	6490	7260	4970	2480	2070	9230	6150	6880	4710	2360	1960	8670	5780	6450	4420	2210	1840
		W	540	310	400	280	130	120	510	290	380	270	130	110	490	280	370	250	120	110
45	7.2	Q(Btu/h)	9750	6490	7260	4970	2480	2070	9230	6150	6880	4710	2360	1960	8670	5780	6450	4420	2210	1840
		W	540	310	400	280	130	120	510	290	380	270	130	110	490	280	370	250	120	110
40	4.4	Q(Btu/h)	9750	6490	7260	4970	2480	2070	9230	6150	6880	4710	2360	1960	8670	5780	6450	4420	2210	1840
		W	540	310	400	280	130	120	510	290	380	270	130	110	490	280	370	250	120	110
35	1.7	Q(Btu/h)	9750	6490	7260	4970	2480	2070	9230	6150	6880	4710	2360	1960	8670	5780	6450	4420	2210	1840
		W	540	310	400	280	130	120	510	290	380	270	130	110	490	280	370	250	120	110
30	-1.1	Q(Btu/h)	9750	6490	7260	4970	2480	2070	9230	6150	6880	4710	2360	1960	8670	5780	6450	4420	2210	1840
		W	540	310	400	280	130	120	510	290	380	270	130	110	490	280	370	250	120	110
25	-3.9	Q(Btu/h)	9750	6490	7260	4970	2480	2070	9230	6150	6880	4710	2360	1960	8670	5780	6450	4420	2210	1840
		W	540	310	400	280	130	120	510	290	380	270	130	110	490	280	370	250	120	110
20	-6.7	Q(Btu/h)	9750	6490	7260	4970	2480	2070	9230	6150	6880	4710	2360	1960	8670	5780	6450	4420	2210	1840
		W	540	310	400	280	130	120	510	290	380	270	130	110	490	280	370	250	120	110
15	-9.4	Q(Btu/h)	9750	6490	7260	4970	2480	2070	9230	6150	6880	4710	2360	1960	8670	5780	6450	4420	2210	1840
		W	540	310	400	280	130	120	510	290	380	270	130	110	490	280	370	250	120	110

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

MSZ-FS06NA
MUZ-FS06NAH
2) HEATING

Rated
Q(Btu/h): 8700
W: 545

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)	21480	10870	16220	10740	5480	2030	22360	11310	16880	11180	5700	2110	23240	11750	17540	11620	5920	2190
		W	1750	620	1320	870	440	170	1660	590	1250	830	420	160	1570	560	1180	790	400	150
60	15.6	Q(Btu/h)	20320	10280	15340	10160	5180	1920	21200	10730	16000	10600	5400	2000	22080	11180	16660	11040	5620	2080
		W	1740	620	1310	860	440	170	1650	590	1240	820	420	160	1560	560	1170	780	400	150
55	12.8	Q(Btu/h)	19140	9690	14440	9570	4870	1810	20040	10140	15120	10020	5100	1890	20940	10590	15800	10470	5330	1970
		W	1720	610	1300	850	430	160	1630	580	1230	810	410	150	1540	550	1160	770	390	140
50	10.0	Q(Btu/h)	17970	9090	13560	8990	4580	1690	18880	9550	14250	9440	4810	1780	19790	10010	14940	9890	5040	1870
		W	1690	600	1260	840	430	160	1600	570	1200	800	410	150	1510	540	1140	760	390	140
45	7.2	Q(Btu/h)	16800	8500	12680	8400	4280	1580	17720	8960	13370	8860	4510	1670	18640	9420	14060	9320	4740	1760
		W	1650	590	1250	830	430	160	1570	560	1190	790	410	150	1490	530	1130	750	390	140
43	6.1	Q(Btu/h)	16290	8240	12300	8140	4150	1530	17200	8700	12990	8600	4380	1620	18110	9160	13680	9060	4610	1710
		W	1620	570	1220	810	410	150	1540	545	1160	770	390	140	1460	520	1100	730	370	130
40	4.4	Q(Btu/h)	15320	7870	11560	7660	3900	1450	16210	8330	12240	8110	4130	1530	17100	8790	12920	8560	4360	1610
		W	1580	570	1190	790	400	150	1500	540	1130	750	380	140	1420	510	1070	710	360	130
35	1.7	Q(Btu/h)	14330	7250	10810	7150	3640	1350	15220	7700	11480	7600	3870	1430	16110	8150	12150	8050	4100	1510
		W	1540	550	1160	770	390	150	1460	520	1100	730	370	140	1380	490	1040	690	350	130
30	-1.1	Q(Btu/h)	13840	6680	10450	6920	3530	1300	14760	7120	11140	7380	3760	1390	15680	7560	11830	7840	3990	1480
		W	1650	660	1270	880	510	270	1570	630	1210	840	490	260	1490	600	1150	800	470	250
25	-3.9	Q(Btu/h)	13340	6090	10080	6680	3410	1260	14300	6530	10800	7160	3650	1350	15260	6970	11520	7640	3890	1440
		W	1630	630	1260	880	510	270	1550	600	1200	840	490	260	1470	570	1140	800	470	250
20	-6.7	Q(Btu/h)	12580	5510	9490	6290	3200	1190	13570	5940	10240	6780	3450	1280	14560	6370	10990	7270	3700	1370
		W	1620	580	1250	870	500	270	1540	560	1190	830	480	260	1460	540	1130	790	460	250
15	-9.4	Q(Btu/h)	11800	4920	8900	5900	3000	1110	12840	5350	9690	6420	3270	1210	13880	5780	10480	6940	3540	1310
		W	1600	540	1240	870	500	270	1530	520	1180	830	480	260	1460	500	1120	790	460	250
10	-12.2	Q(Btu/h)	10590	4300	7990	5300	2700	1000	11670	4740	8810	5840	2980	1100	12750	5180	9630	6380	3260	1200
		W	1530	500	1180	830	480	260	1460	480	1130	790	460	250	1390	460	1080	750	440	240
5	-15.0	Q(Btu/h)	9350	3680	7050	4680	2380	880	10500	4130	7920	5250	2670	990	11650	4580	8790	5820	2960	1100
		W	1450	460	1120	780	470	260	1380	440	1070	750	450	250	1310	420	1020	720	430	240
0	-17.8	Q(Btu/h)	8330	3610	6280	4160	2120	780	9600	4160	7240	4790	2440	900	10870	4710	8200	5420	2760	1020
		W	1380	580	1080	760	460	250	1320	560	1030	730	440	240	1260	540	980	700	420	230
-4	-20.0	Q(Btu/h)	7350	3540	5550	3680	1870	690	8700	4190	6570	4360	2220	820	10050	4840	7590	5040	2570	950
		W	1320	700	1030	720	420	240	1260	670	980	690	410	230	1200	640	930	660	400	220
-10	-23.3	Q(Btu/h)	6360	3060	4800	3180	1620	600	7980	3840	6020	3990	2030	750	9600	4620	7240	4800	2440	900
		W	1310	700	1010	710	420	240	1250	670	970	680	410	230	1190	640	930	650	400	220
-13	-25.0	Q(Btu/h)	5570	2680	4210	2790	1420	530	7250	3490	5480	3630	1850	690	8930	4300	6750	4470	2280	850
		W	1290	690	1010	710	420	240	1230	660	970	680	410	230	1170	630	930	650	400	220

* Above data is for heating operation without any frost.

MSZ-FS09NA
MUZ-FS09NA
1) COOLING

Rated
 Q(Btu/h): 9000
 W: 560

Indoor W.B.			71°F / 21.7°C						67°F / 19.4°C						63°F / 17.2°C					
Outdoor D.B.			Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.
(°F)	(°C)	Q(Btu/h)																		
115	46.1	Q(Btu/h)	10830	8280	8150	5480	2680	1530	10260	7700	7720	5190	2530	1450	9640	7020	7260	4870	2380	1360
		W	1180	640	900	600	300	120	1110	620	830	560	270	110	1060	590	800	550	270	110
110	43.3	Q(Btu/h)	11310	8640	8520	5730	2800	1600	10710	8040	8070	5430	2650	1520	10060	7360	7580	5100	2500	1430
		W	1150	630	890	600	300	120	1090	610	820	560	270	110	1040	580	790	550	270	110
105	40.6	Q(Btu/h)	11790	9000	8880	5970	2920	1670	11160	8370	8410	5660	2760	1580	10490	7700	7900	5310	2600	1480
		W	1120	620	860	570	290	120	1060	590	800	530	260	110	1010	570	770	520	260	110
100	37.8	Q(Btu/h)	12230	9340	9220	6210	3030	1730	11580	8690	8730	5880	2860	1640	10880	8080	8210	5520	2690	1540
		W	1090	610	830	560	280	120	1030	580	770	520	250	110	980	550	750	510	250	110
95	35.0	Q(Btu/h)	12670	9680	9550	6410	3130	1790	12000	9000	9040	6070	2960	1700	11280	8460	8500	5700	2790	1600
		W	1060	590	820	550	280	110	1000	560	760	510	250	100	950	530	740	500	250	100
90	32.2	Q(Btu/h)	13180	10000	9930	6670	3250	1870	12480	9360	9400	6320	3070	1770	11730	8780	8830	5930	2890	1660
		W	1030	570	790	530	260	110	970	540	730	490	240	100	920	520	710	480	240	100
85	29.4	Q(Btu/h)	13690	10310	10310	6910	3390	1940	12960	9720	9760	6550	3200	1840	12180	9090	9170	6150	3010	1730
		W	990	550	760	500	240	100	930	520	700	470	220	90	890	500	680	460	220	90
80	26.7	Q(Btu/h)	14190	10670	10690	7180	3500	2020	13440	10080	10120	6800	3310	1910	12630	9450	9510	6390	3120	1790
		W	940	530	720	490	240	100	890	500	670	460	220	90	850	480	650	450	220	90
75	23.9	Q(Btu/h)	14700	11030	11070	7440	3630	2080	13920	10440	10480	7050	3430	1970	13080	9810	9850	6620	3230	1850
		W	890	500	680	450	220	90	840	470	630	420	200	80	800	450	610	410	200	80
70	21.1	Q(Btu/h)	15210	11410	11450	7690	3760	2150	14400	10800	10840	7290	3550	2040	13530	10150	10190	6850	3340	1920
		W	850	480	660	450	220	90	800	450	610	420	200	80	760	430	590	410	200	80
65	18.3	Q(Btu/h)	12990	9750	9780	6560	3210	1690	12300	9230	9260	6220	3030	1600	11560	8670	8700	5840	2850	1510
		W	960	530	740	500	240	140	900	500	680	470	220	120	860	480	660	460	220	120
60	15.6	Q(Btu/h)	12990	9750	9780	6560	3210	1690	12300	9230	9260	6220	3030	1600	11560	8670	8700	5840	2850	1510
		W	960	530	740	500	240	140	900	500	680	470	220	120	860	480	660	460	220	120
55	12.8	Q(Btu/h)	12990	9750	9780	6560	3210	1690	12300	9230	9260	6220	3030	1600	11560	8670	8700	5840	2850	1510
		W	960	530	740	500	240	140	900	500	680	470	220	120	860	480	660	460	220	120
50	10.0	Q(Btu/h)	12990	9750	9780	6560	3210	1690	12300	9230	9260	6220	3030	1600	11560	8670	8700	5840	2850	1510
		W	960	530	740	500	240	140	900	500	680	470	220	120	860	480	660	460	220	120
45	7.2	Q(Btu/h)	12990	9750	9780	6560	3210	1690	12300	9230	9260	6220	3030	1600	11560	8670	8700	5840	2850	1510
		W	960	530	740	500	240	140	900	500	680	470	220	120	860	480	660	460	220	120
40	4.4	Q(Btu/h)	12990	9750	9780	6560	3210	1690	12300	9230	9260	6220	3030	1600	11560	8670	8700	5840	2850	1510
		W	960	530	740	500	240	140	900	500	680	470	220	120	860	480	660	460	220	120
35	1.7	Q(Btu/h)	12990	9750	9780	6560	3210	1690	12300	9230	9260	6220	3030	1600	11560	8670	8700	5840	2850	1510
		W	960	530	740	500	240	140	900	500	680	470	220	120	860	480	660	460	220	120
30	-1.1	Q(Btu/h)	12990	9750	9780	6560	3210	1690	12300	9230	9260	6220	3030	1600	11560	8670	8700	5840	2850	1510
		W	960	530	740	500	240	140	900	500	680	470	220	120	860	480	660	460	220	120
25	-3.9	Q(Btu/h)	12990	9750	9780	6560	3210	1690	12300	9230	9260	6220	3030	1600	11560	8670	8700	5840	2850	1510
		W	960	530	740	500	240	140	900	500	680	470	220	120	860	480	660	460	220	120
20	-6.7	Q(Btu/h)	12990	9750	9780	6560	3210	1690	12300	9230	9260	6220	3030	1600	11560	8670	8700	5840	2850	1510
		W	960	530	740	500	240	140	900	500	680	470	220	120	860	480	660	460	220	120
15	-9.4	Q(Btu/h)	12990	9750	9780	6560	3210	1690	12300	9230	9260	6220	3030	1600	11560	8670	8700	5840	2850	1510
		W	960	530	740	500	240	140	900	500	680	470	220	120	860	480	660	460	220	120

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

MSZ-FS09NA
MUZ-FS09NA
2) HEATING

Rated
 Q(Btu/h): 9600
 W: 620

Indoor D.B.			78.8°F / 26.0°C						70°F / 21.1°C						59°F / 15.0°C					
Outdoor W.B.			Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.
(°F)	(°C)																			
65	18.3	Q(Btu/h)	24360	11990	18270	12180	6090	2030	25350	12480	19010	12680	6340	2110	26340	12970	19750	13180	6590	2190
		W	1980	710	1490	990	500	170	1880	670	1410	940	470	160	1780	630	1330	890	440	150
60	15.6	Q(Btu/h)	23040	11340	17290	11530	5760	1920	24040	11830	18040	12030	6010	2000	25040	12320	18790	12530	6260	2080
		W	1960	710	1460	980	480	160	1860	670	1390	930	460	150	1760	630	1320	880	440	140
55	12.8	Q(Btu/h)	21710	10680	16280	10850	5430	1810	22720	11180	17040	11360	5680	1890	23730	11680	17800	11870	5930	1970
		W	1940	700	1460	980	480	160	1840	660	1390	930	460	150	1740	620	1320	880	440	140
50	10.0	Q(Btu/h)	20380	10030	15290	10190	5100	1700	21410	10540	16060	10710	5360	1790	22440	11050	16830	11230	5620	1880
		W	1910	680	1430	960	480	160	1810	650	1360	910	460	150	1710	620	1290	860	440	140
45	7.2	Q(Btu/h)	19050	9380	14290	9530	4770	1590	20090	9890	15070	10050	5030	1680	21130	10400	15850	10570	5290	1770
		W	1860	660	1390	930	460	160	1770	630	1320	880	440	150	1680	600	1250	830	420	140
43	6.1	Q(Btu/h)	18460	9090	13850	9230	4620	1540	19500	9600	14630	9750	4880	1630	20540	10110	15410	10270	5140	1720
		W	1830	650	1380	930	460	160	1740	620	1310	880	440	150	1650	590	1240	830	420	140
40	4.4	Q(Btu/h)	17370	8690	13020	8670	4340	1450	18380	9200	13780	9180	4590	1530	19390	9710	14540	9690	4840	1610
		W	1790	640	1350	900	450	150	1700	610	1280	850	430	140	1610	580	1210	800	410	130
35	1.7	Q(Btu/h)	16250	8000	12180	8120	4060	1360	17260	8500	12940	8630	4310	1440	18270	9000	13700	9140	4560	1520
		W	1740	620	1310	870	430	150	1650	590	1240	830	410	140	1560	560	1170	790	390	130
30	-1.1	Q(Btu/h)	15520	7360	11640	7760	3880	1290	16550	7850	12410	8280	4140	1380	17580	8340	13180	8800	4400	1470
		W	1720	590	1300	860	430	150	1630	560	1230	820	410	140	1540	530	1160	780	390	130
25	-3.9	Q(Btu/h)	14770	6720	11090	7390	3700	1230	15830	7200	11880	7920	3960	1320	16890	7680	12670	8450	4220	1410
		W	1690	560	1260	840	420	140	1600	530	1200	800	400	130	1510	500	1140	760	380	120
20	-6.7	Q(Btu/h)	13910	6070	10430	6950	3480	1160	15000	6550	11250	7500	3750	1250	16090	7030	12070	8050	4020	1340
		W	1680	520	1250	830	410	140	1590	490	1190	790	390	130	1500	460	1130	750	370	120
15	-9.4	Q(Btu/h)	13020	5420	9760	6510	3250	1080	14170	5900	10620	7080	3540	1180	15320	6380	11480	7650	3830	1280
		W	1660	470	1240	820	410	140	1580	450	1180	780	390	130	1500	430	1120	740	370	120
10	-12.2	Q(Btu/h)	11680	4740	8760	5840	2920	970	12880	5230	9660	6440	3220	1070	14080	5720	10560	7040	3520	1170
		W	1580	420	1190	790	400	140	1500	400	1130	750	380	130	1420	380	1070	710	360	120
5	-15.0	Q(Btu/h)	10320	4060	7740	5160	2570	860	11590	4560	8690	5790	2890	960	12860	5060	9640	6420	3210	1060
		W	1490	370	1120	750	380	130	1410	350	1060	710	360	120	1330	330	1000	670	340	110
0	-17.8	Q(Btu/h)	9200	3750	6900	4600	2300	760	10600	4320	7950	5300	2650	880	12000	4890	9000	6000	3000	1000
		W	1420	470	1060	720	360	120	1350	450	1010	680	340	110	1280	430	960	640	320	100
-4	-20.0	Q(Btu/h)	8110	3450	6080	4050	2030	680	9600	4080	7200	4800	2400	800	11090	4710	8320	5550	2770	920
		W	1350	570	1010	670	340	120	1280	540	960	640	320	110	1210	510	910	610	300	100
-10	-23.3	Q(Btu/h)	7020	2980	5260	3510	1750	580	8800	3740	6600	4400	2200	730	10580	4500	7940	5290	2650	880
		W	1330	570	990	660	330	110	1260	540	940	630	310	100	1190	510	890	600	290	90
-13	-25.0	Q(Btu/h)	6140	2610	4610	3070	1540	510	8000	3400	6000	4000	2000	670	9860	4190	7390	4930	2460	830
		W	1310	560	990	660	330	110	1240	530	940	630	310	100	1170	500	890	600	290	90

* Above data is for heating operation without any frost.

MSZ-FS09NA
MUZ-FS09NAH
1) COOLING

Rated
 Q(Btu/h): 9000
 W: 560

Indoor W.B.			71°F / 21.7°C						67°F / 19.4°C						63°F / 17.2°C					
Outdoor D.B.			Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.
(°F)	(°C)	Q(Btu/h)																		
115	46.1	Q(Btu/h)	10830	8280	8150	5480	2680	1530	10260	7700	7720	5190	2530	1450	9640	7020	7260	4870	2380	1360
		W	1180	640	900	600	300	120	1110	620	830	560	270	110	1060	590	800	550	270	110
110	43.3	Q(Btu/h)	11310	8640	8520	5730	2800	1600	10710	8040	8070	5430	2650	1520	10060	7360	7580	5100	2500	1430
		W	1150	630	890	600	300	120	1090	610	820	560	270	110	1040	580	790	550	270	110
105	40.6	Q(Btu/h)	11790	9000	8880	5970	2920	1670	11160	8370	8410	5660	2760	1580	10490	7700	7900	5310	2600	1480
		W	1120	620	860	570	290	120	1060	590	800	530	260	110	1010	570	770	520	260	110
100	37.8	Q(Btu/h)	12230	9340	9220	6210	3030	1730	11580	8690	8730	5880	2860	1640	10880	8080	8210	5520	2690	1540
		W	1090	610	830	560	280	120	1030	580	770	520	250	110	980	550	750	510	250	110
95	35.0	Q(Btu/h)	12670	9680	9550	6410	3130	1790	12000	9000	9040	6070	2960	1700	11280	8460	8500	5700	2790	1600
		W	1060	590	820	550	280	110	1000	560	760	510	250	100	950	530	740	500	250	100
90	32.2	Q(Btu/h)	13180	10000	9930	6670	3250	1870	12480	9360	9400	6320	3070	1770	11730	8780	8830	5930	2890	1660
		W	1030	570	790	530	260	110	970	540	730	490	240	100	920	520	710	480	240	100
85	29.4	Q(Btu/h)	13690	10310	10310	6910	3390	1940	12960	9720	9760	6550	3200	1840	12180	9090	9170	6150	3010	1730
		W	990	550	760	500	240	100	930	520	700	470	220	90	890	500	680	460	220	90
80	26.7	Q(Btu/h)	14190	10670	10690	7180	3500	2020	13440	10080	10120	6800	3310	1910	12630	9450	9510	6390	3120	1790
		W	940	530	720	490	240	100	890	500	670	460	220	90	850	480	650	450	220	90
75	23.9	Q(Btu/h)	14700	11030	11070	7440	3630	2080	13920	10440	10480	7050	3430	1970	13080	9810	9850	6620	3230	1850
		W	890	500	680	450	220	90	840	470	630	420	200	80	800	450	610	410	200	80
70	21.1	Q(Btu/h)	15210	11410	11450	7690	3760	2150	14400	10800	10840	7290	3550	2040	13530	10150	10190	6850	3340	1920
		W	850	480	660	450	220	90	800	450	610	420	200	80	760	430	590	410	200	80
65	18.3	Q(Btu/h)	12990	9750	9780	6560	3210	1690	12300	9230	9260	6220	3030	1600	11560	8670	8700	5840	2850	1510
		W	960	530	740	500	240	140	900	500	680	470	220	120	860	480	660	460	220	120
60	15.6	Q(Btu/h)	12990	9750	9780	6560	3210	1690	12300	9230	9260	6220	3030	1600	11560	8670	8700	5840	2850	1510
		W	960	530	740	500	240	140	900	500	680	470	220	120	860	480	660	460	220	120
55	12.8	Q(Btu/h)	12990	9750	9780	6560	3210	1690	12300	9230	9260	6220	3030	1600	11560	8670	8700	5840	2850	1510
		W	960	530	740	500	240	140	900	500	680	470	220	120	860	480	660	460	220	120
50	10.0	Q(Btu/h)	12990	9750	9780	6560	3210	1690	12300	9230	9260	6220	3030	1600	11560	8670	8700	5840	2850	1510
		W	960	530	740	500	240	140	900	500	680	470	220	120	860	480	660	460	220	120
45	7.2	Q(Btu/h)	12990	9750	9780	6560	3210	1690	12300	9230	9260	6220	3030	1600	11560	8670	8700	5840	2850	1510
		W	960	530	740	500	240	140	900	500	680	470	220	120	860	480	660	460	220	120
40	4.4	Q(Btu/h)	12990	9750	9780	6560	3210	1690	12300	9230	9260	6220	3030	1600	11560	8670	8700	5840	2850	1510
		W	960	530	740	500	240	140	900	500	680	470	220	120	860	480	660	460	220	120
35	1.7	Q(Btu/h)	12990	9750	9780	6560	3210	1690	12300	9230	9260	6220	3030	1600	11560	8670	8700	5840	2850	1510
		W	960	530	740	500	240	140	900	500	680	470	220	120	860	480	660	460	220	120
30	-1.1	Q(Btu/h)	12990	9750	9780	6560	3210	1690	12300	9230	9260	6220	3030	1600	11560	8670	8700	5840	2850	1510
		W	960	530	740	500	240	140	900	500	680	470	220	120	860	480	660	460	220	120
25	-3.9	Q(Btu/h)	12990	9750	9780	6560	3210	1690	12300	9230	9260	6220	3030	1600	11560	8670	8700	5840	2850	1510
		W	960	530	740	500	240	140	900	500	680	470	220	120	860	480	660	460	220	120
20	-6.7	Q(Btu/h)	12990	9750	9780	6560	3210	1690	12300	9230	9260	6220	3030	1600	11560	8670	8700	5840	2850	1510
		W	960	530	740	500	240	140	900	500	680	470	220	120	860	480	660	460	220	120
15	-9.4	Q(Btu/h)	12990	9750	9780	6560	3210	1690	12300	9230	9260	6220	3030	1600	11560	8670	8700	5840	2850	1510
		W	960	530	740	500	240	140	900	500	680	470	220	120	860	480	660	460	220	120

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

MSZ-FS09NA
MUZ-FS09NAH
2) HEATING

Rated
 Q(Btu/h): 9600
 W: 620

Indoor D.B.			78.8°F / 26.0°C							70°F / 21.1°C							59°F / 15.0°C						
Outdoor W.B.			Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.			
(°F)	(°C)	Q(Btu/h)																					
65	18.3	Q(Btu/h)	24360	11990	18270	12180	6090	2030	25350	12480	19010	12680	6340	2110	26340	12970	19750	13180	6590	2190			
		W	1980	710	1490	990	500	170	1880	670	1410	940	470	160	1780	630	1330	890	440	150			
60	15.6	Q(Btu/h)	23040	11340	17290	11530	5760	1920	24040	11830	18040	12030	6010	2000	25040	12320	18790	12530	6260	2080			
		W	1960	710	1460	980	480	160	1860	670	1390	930	460	150	1760	630	1320	880	440	140			
55	12.8	Q(Btu/h)	21710	10680	16280	10850	5430	1810	22720	11180	17040	11360	5680	1890	23730	11680	17800	11870	5930	1970			
		W	1940	700	1460	980	480	160	1840	660	1390	930	460	150	1740	620	1320	880	440	140			
50	10.0	Q(Btu/h)	20380	10030	15290	10190	5100	1700	21410	10540	16060	10710	5360	1790	22440	11050	16830	11230	5620	1880			
		W	1910	680	1430	960	480	160	1810	650	1360	910	460	150	1710	620	1290	860	440	140			
45	7.2	Q(Btu/h)	19050	9380	14290	9530	4770	1590	20090	9890	15070	10050	5030	1680	21130	10400	15850	10570	5290	1770			
		W	1860	660	1390	930	460	160	1770	630	1320	880	440	150	1680	600	1250	830	420	140			
43	6.1	Q(Btu/h)	18460	9090	13850	9230	4620	1540	19500	9600	14630	9750	4880	1630	20540	10110	15410	10270	5140	1720			
		W	1830	650	1380	930	460	160	1740	620	1310	880	440	150	1650	590	1240	830	420	140			
40	4.4	Q(Btu/h)	17370	8690	13020	8670	4340	1450	18380	9200	13780	9180	4590	1530	19390	9710	14540	9690	4840	1610			
		W	1790	640	1350	900	450	150	1700	610	1280	850	430	140	1610	580	1210	800	410	130			
35	1.7	Q(Btu/h)	16250	8000	12180	8120	4060	1360	17260	8500	12940	8630	4310	1440	18270	9000	13700	9140	4560	1520			
		W	1740	620	1310	870	430	150	1650	590	1240	830	410	140	1560	560	1170	790	390	130			
30	-1.1	Q(Btu/h)	15520	7360	11640	7760	3880	1290	16550	7850	12410	8280	4140	1380	17580	8340	13180	8800	4400	1470			
		W	1850	720	1430	990	560	280	1760	690	1360	950	540	270	1670	660	1290	910	520	260			
25	-3.9	Q(Btu/h)	14770	6720	11090	7390	3700	1230	15830	7200	11880	7920	3960	1320	16890	7680	12670	8450	4220	1410			
		W	1820	690	1390	970	550	270	1730	660	1330	930	530	260	1640	630	1270	890	510	250			
20	-6.7	Q(Btu/h)	13910	6070	10430	6950	3480	1160	15000	6550	11250	7500	3750	1250	16090	7030	12070	8050	4020	1340			
		W	1810	650	1380	960	540	270	1720	620	1320	920	520	260	1630	590	1260	880	500	250			
15	-9.4	Q(Btu/h)	13020	5420	9760	6510	3250	1080	14170	5900	10620	7080	3540	1180	15320	6380	11480	7650	3830	1280			
		W	1790	600	1370	950	540	270	1710	580	1310	910	520	260	1630	560	1250	870	500	250			
10	-12.2	Q(Btu/h)	11680	4740	8760	5840	2920	970	12880	5230	9660	6440	3220	1070	14080	5720	10560	7040	3520	1170			
		W	1710	550	1320	920	530	270	1630	530	1260	880	510	260	1550	510	1200	840	490	250			
5	-15.0	Q(Btu/h)	10320	4060	7740	5160	2570	860	11590	4560	8690	5790	2890	960	12860	5060	9640	6420	3210	1060			
		W	1620	500	1250	880	510	260	1540	480	1190	840	490	250	1460	460	1130	800	470	240			
0	-17.8	Q(Btu/h)	9200	3750	6900	4600	2300	760	10600	4320	7950	5300	2650	880	12000	4890	9000	6000	3000	1000			
		W	1550	600	1190	850	490	250	1480	580	1140	810	470	240	1410	560	1090	770	450	230			
-4	-20.0	Q(Btu/h)	8110	3450	6080	4050	2030	680	9600	4080	7200	4800	2400	800	11090	4710	8320	5550	2770	920			
		W	1480	700	1140	800	470	250	1410	670	1090	770	450	240	1340	640	1040	740	430	230			
-10	-23.3	Q(Btu/h)	7020	2980	5260	3510	1750	580	8800	3740	6600	4400	2200	730	10580	4500	7940	5290	2650	880			
		W	1460	700	1120	790	460	240	1390	670	1070	760	440	230	1320	640	1020	730	420	220			
-13	-25.0	Q(Btu/h)	6140	2610	4610	3070	1540	510	8000	3400	6000	4000	2000	670	9860	4190	7390	4930	2460	830			
		W	1440	690	1120	790	460	240	1370	660	1070	760	440	230	1300	630	1020	730	420	220			

* Above data is for heating operation without any frost.

MSZ-FS12NA
MUZ-FS12NA
1) COOLING

Rated
Q(Btu/h): 12000
W: 870

Indoor W.B.		71°F / 21.7°C							67°F / 19.4°C							63°F / 17.2°C						
Outdoor D.B.		Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.			
(°F)	(°C)																					
115	46.1	Q(Btu/h)	12280	11040	9320	6130	3160	2260	11630	10260	8830	5820	3010	2140	10920	9360	8290	5450	2820	2010		
		W	1360	1000	1020	690	350	200	1280	970	970	650	340	190	1210	920	920	610	310	190		
110	43.3	Q(Btu/h)	12820	11520	9720	6390	3300	2360	12140	10710	9210	6070	3140	2240	11400	9810	8650	5690	2940	2110		
		W	1330	980	1000	660	330	200	1250	950	950	620	320	190	1190	910	900	580	300	190		
105	40.6	Q(Btu/h)	13360	12000	10130	6660	3430	2460	12650	11160	9600	6320	3260	2330	11880	10260	9010	5920	3050	2190		
		W	1300	960	970	640	320	190	1220	920	920	600	310	180	1160	890	870	560	290	180		
100	37.8	Q(Btu/h)	13860	12450	10510	6910	3560	2550	13130	11580	9960	6560	3390	2420	12330	10770	9350	6140	3170	2280		
		W	1260	940	960	640	320	190	1190	900	910	600	310	180	1130	860	860	560	290	180		
95	35.0	Q(Btu/h)	14360	12900	10880	7150	3690	2640	13600	12000	10310	6790	3510	2500	12770	11280	9680	6360	3290	2350		
		W	1230	910	930	620	310	180	1155	870	880	580	300	170	1100	830	830	540	280	170		
90	32.2	Q(Btu/h)	14940	13320	11330	7460	3850	2740	14150	12480	10740	7080	3660	2600	13290	11700	10090	6630	3430	2450		
		W	1180	880	900	590	300	180	1110	840	850	560	290	170	1050	800	800	530	270	170		
85	29.4	Q(Btu/h)	15510	13740	11750	7730	3980	2850	14690	12960	11140	7340	3790	2700	13800	12120	10460	6880	3550	2540		
		W	1140	850	850	570	290	170	1070	800	810	540	280	160	1010	770	770	510	260	160		
80	26.7	Q(Btu/h)	16090	14220	12200	8010	4140	2950	15240	13440	11560	7610	3940	2800	14310	12600	10860	7130	3690	2640		
		W	1080	810	810	540	270	160	1020	770	770	510	260	150	970	740	730	480	240	150		
75	23.9	Q(Btu/h)	16660	14700	12630	8320	4300	3060	15780	13920	11970	7900	4090	2900	14820	13080	11240	7400	3830	2730		
		W	1030	770	780	520	270	150	970	730	740	490	260	140	920	700	700	460	240	140		
70	21.1	Q(Btu/h)	17230	15210	13060	8580	4430	3170	16320	14400	12380	8150	4210	3000	15330	13530	11620	7630	3940	2820		
		W	980	730	730	490	250	150	920	690	690	460	240	140	870	660	650	430	220	140		
65	18.3	Q(Btu/h)	14720	12990	11160	7350	3800	2550	13940	12300	10580	6980	3610	2410	13090	11560	9930	6530	3380	2270		
		W	1100	830	830	540	270	190	1030	780	780	510	260	180	970	750	730	480	240	180		
60	15.6	Q(Btu/h)	14720	12990	11160	7350	3800	2550	13940	12300	10580	6980	3610	2410	13090	11560	9930	6530	3380	2270		
		W	1100	830	830	540	270	190	1030	780	780	510	260	180	970	750	730	480	240	180		
55	12.8	Q(Btu/h)	14720	12990	11160	7350	3800	2550	13940	12300	10580	6980	3610	2410	13090	11560	9930	6530	3380	2270		
		W	1100	830	830	540	270	190	1030	780	780	510	260	180	970	750	730	480	240	180		
50	10.0	Q(Btu/h)	14720	12990	11160	7350	3800	2550	13940	12300	10580	6980	3610	2410	13090	11560	9930	6530	3380	2270		
		W	1100	830	830	540	270	190	1030	780	780	510	260	180	970	750	730	480	240	180		
45	7.2	Q(Btu/h)	14720	12990	11160	7350	3800	2550	13940	12300	10580	6980	3610	2410	13090	11560	9930	6530	3380	2270		
		W	1100	830	830	540	270	190	1030	780	780	510	260	180	970	750	730	480	240	180		
40	4.4	Q(Btu/h)	14720	12990	11160	7350	3800	2550	13940	12300	10580	6980	3610	2410	13090	11560	9930	6530	3380	2270		
		W	1100	830	830	540	270	190	1030	780	780	510	260	180	970	750	730	480	240	180		
35	1.7	Q(Btu/h)	14720	12990	11160	7350	3800	2550	13940	12300	10580	6980	3610	2410	13090	11560	9930	6530	3380	2270		
		W	1100	830	830	540	270	190	1030	780	780	510	260	180	970	750	730	480	240	180		
30	-1.1	Q(Btu/h)	14720	12990	11160	7350	3800	2550	13940	12300	10580	6980	3610	2410	13090	11560	9930	6530	3380	2270		
		W	1100	830	830	540	270	190	1030	780	780	510	260	180	970	750	730	480	240	180		
25	-3.9	Q(Btu/h)	14720	12990	11160	7350	3800	2550	13940	12300	10580	6980	3610	2410	13090	11560	9930	6530	3380	2270		
		W	1100	830	830	540	270	190	1030	780	780	510	260	180	970	750	730	480	240	180		
20	-6.7	Q(Btu/h)	14720	12990	11160	7350	3800	2550	13940	12300	10580	6980	3610	2410	13090	11560	9930	6530	3380	2270		
		W	1100	830	830	540	270	190	1030	780	780	510	260	180	970	750	730	480	240	180		
15	-9.4	Q(Btu/h)	14720	12990	11160	7350	3800	2550	13940	12300	10580	6980	3610	2410	13090	11560	9930	6530	3380	2270		
		W	1100	830	830	540	270	190	1030	780	780	510	260	180	970	750	730	480	240	180		

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

MSZ-FS12NA
MUZ-FS12NA
2) HEATING

Rated
 Q(Btu/h): 12300
 W: 850

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)	26230	15360	19740	13240	6500	4000	27300	15990	20540	13780	6760	4160	28370	16620	21340	14320	7020	4320			
		W	2610	970	1960	1320	640	400	2480	920	1860	1250	610	380	2350	870	1760	1180	580	360			
60	15.6	Q(Btu/h)	24820	14530	18670	12520	6140	3780	25890	15160	19480	13060	6410	3940	26960	15790	20290	13600	6680	4100			
		W	2590	960	1950	1320	640	400	2460	910	1850	1250	610	380	2330	860	1750	1180	580	360			
55	12.8	Q(Btu/h)	23380	13690	17590	11800	5790	3560	24470	14330	18410	12350	6060	3730	25560	14970	19230	12900	6330	3900			
		W	2570	950	1930	1300	630	390	2440	900	1830	1230	600	370	2310	850	1730	1160	570	350			
50	10.0	Q(Btu/h)	21940	12850	16500	11070	5430	3340	23050	13500	17340	11630	5710	3510	24160	14150	18180	12190	5990	3680			
		W	2530	940	1910	1270	620	380	2400	890	1810	1210	590	360	2270	840	1710	1150	560	340			
45	7.2	Q(Btu/h)	20510	12010	15430	10350	5070	3120	21630	12670	16270	10910	5350	3290	22750	13330	17110	11470	5630	3460			
		W	2480	920	1860	1250	610	380	2350	870	1770	1190	580	360	2220	820	1680	1130	550	340			
43	6.1	Q(Btu/h)	19890	11650	14960	10040	4920	3030	21000	12300	15800	10600	5200	3200	22110	12950	16640	11160	5480	3370			
		W	2420	900	1820	1220	600	370	2300	850	1730	1160	570	350	2180	800	1640	1100	540	330			
40	4.4	Q(Btu/h)	18710	11130	14080	9440	4630	2850	19800	11780	14900	9990	4900	3020	20890	12430	15720	10540	5170	3190			
		W	2370	880	1780	1200	590	360	2250	840	1690	1140	560	340	2130	800	1600	1080	530	320			
35	1.7	Q(Btu/h)	17500	10250	13160	8830	4330	2660	18590	10890	13980	9380	4600	2830	19680	11530	14800	9930	4870	3000			
		W	2310	850	1740	1170	570	350	2190	810	1650	1110	540	330	2070	770	1560	1050	510	310			
30	-1.1	Q(Btu/h)	17460	9430	13140	8810	4320	2660	18620	10060	14010	9400	4610	2840	19780	10690	14880	9990	4900	3020			
		W	2140	810	1610	1090	540	330	2030	770	1530	1030	510	310	1920	730	1450	970	480	290			
25	-3.9	Q(Btu/h)	17390	8610	13080	8780	4310	2650	18640	9230	14020	9410	4620	2840	19890	9850	14960	10040	4930	3030			
		W	1960	770	1470	990	480	290	1860	730	1400	940	460	280	1760	690	1330	890	440	270			
20	-6.7	Q(Btu/h)	16720	7790	12570	8430	4130	2540	18030	8400	13560	9090	4460	2740	19340	9010	14550	9750	4790	2940			
		W	1960	710	1470	990	480	290	1860	670	1400	940	460	280	1760	630	1330	890	440	270			
15	-9.4	Q(Btu/h)	16000	6950	12040	8080	3960	2430	17410	7560	13100	8790	4310	2650	18820	8170	14160	9500	4660	2870			
		W	1960	640	1470	990	480	290	1860	610	1400	940	460	280	1760	580	1330	890	440	270			
10	-12.2	Q(Btu/h)	14560	6080	10960	7350	3600	2210	16050	6700	12080	8100	3970	2440	17540	7320	13200	8850	4340	2670			
		W	1920	580	1440	970	470	290	1820	550	1370	920	450	280	1720	520	1300	870	430	270			
5	-15.0	Q(Btu/h)	13080	5200	9840	6600	3230	1990	14690	5840	11050	7410	3630	2230	16300	6480	12260	8220	4030	2470			
		W	1880	510	1410	950	460	280	1780	480	1340	900	440	270	1680	450	1270	850	420	260			
0	-17.8	Q(Btu/h)	11720	5030	8820	5910	2900	1790	13500	5790	10160	6810	3340	2060	15280	6550	11500	7710	3780	2330			
		W	1790	650	1350	910	440	270	1700	620	1280	860	420	260	1610	590	1210	810	400	250			
-4	-20.0	Q(Btu/h)	10390	4850	7810	5240	2580	1590	12300	5740	9250	6210	3050	1880	14210	6630	10690	7180	3520	2170			
		W	1700	790	1270	850	420	260	1610	750	1210	810	400	250	1520	710	1150	770	380	240			
-10	-23.3	Q(Btu/h)	9290	4340	6990	4690	2300	1410	11650	5440	8770	5880	2880	1770	14010	6540	10550	7070	3460	2130			
		W	1660	780	1250	840	410	250	1580	740	1190	800	390	240	1500	700	1130	760	370	230			
-13	-25.0	Q(Btu/h)	8450	3940	6360	4260	2090	1280	11000	5130	8280	5550	2720	1670	13550	6320	10200	6840	3350	2060			
		W	1630	760	1230	820	400	240	1550	720	1170	780	380	230	1470	680	1110	740	360	220			

* Above data is for heating operation without any frost.

MSZ-FS12NA
MUZ-FS12NAH
1) COOLING

Rated
 Q(Btu/h): 12000
 W: 870

Indoor W.B.		71°F / 21.7°C							67°F / 19.4°C							63°F / 17.2°C						
Outdoor D.B.		Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.			
(°F)	(°C)	Q(Btu/h)	W					Q(Btu/h)	W					Q(Btu/h)	W							
115	46.1	Q(Btu/h)	12280	11040	9320	6130	3160	2260	11630	10260	8830	5820	3010	2140	10920	9360	8290	5450	2820	2010		
		W	1360	1000	1020	690	350	200	1280	970	970	650	340	190	1210	920	920	610	310	190		
110	43.3	Q(Btu/h)	12820	11520	9720	6390	3300	2360	12140	10710	9210	6070	3140	2240	11400	9810	8650	5690	2940	2110		
		W	1330	980	1000	660	330	200	1250	950	950	620	320	190	1190	910	900	580	300	190		
105	40.6	Q(Btu/h)	13360	12000	10130	6660	3430	2460	12650	11160	9600	6320	3260	2330	11880	10260	9010	5920	3050	2190		
		W	1300	960	970	640	320	190	1220	920	920	600	310	180	1160	890	870	560	290	180		
100	37.8	Q(Btu/h)	13860	12450	10510	6910	3560	2550	13130	11580	9960	6560	3390	2420	12330	10770	9350	6140	3170	2280		
		W	1260	940	960	640	320	190	1190	900	910	600	310	180	1130	860	860	560	290	180		
95	35.0	Q(Btu/h)	14360	12900	10880	7150	3690	2640	13600	12000	10310	6790	3510	2500	12770	11280	9680	6360	3290	2350		
		W	1230	910	930	620	310	180	1155	870	880	580	300	170	1100	830	830	540	280	170		
90	32.2	Q(Btu/h)	14940	13320	11330	7460	3850	2740	14150	12480	10740	7080	3660	2600	13290	11700	10090	6630	3430	2450		
		W	1180	880	900	590	300	180	1110	840	850	560	290	170	1050	800	800	530	270	170		
85	29.4	Q(Btu/h)	15510	13740	11750	7730	3980	2850	14690	12960	11140	7340	3790	2700	13800	12120	10460	6880	3550	2540		
		W	1140	850	850	570	290	170	1070	800	810	540	280	160	1010	770	770	510	260	160		
80	26.7	Q(Btu/h)	16090	14220	12200	8010	4140	2950	15240	13440	11560	7610	3940	2800	14310	12600	10860	7130	3690	2640		
		W	1080	810	810	540	270	160	1020	770	770	510	260	150	970	740	730	480	240	150		
75	23.9	Q(Btu/h)	16660	14700	12630	8320	4300	3060	15780	13920	11970	7900	4090	2900	14820	13080	11240	7400	3830	2730		
		W	1030	770	780	520	270	150	970	730	740	490	260	140	920	700	700	460	240	140		
70	21.1	Q(Btu/h)	17230	15210	13060	8580	4430	3170	16320	14400	12380	8150	4210	3000	15330	13530	11620	7630	3940	2820		
		W	980	730	730	490	250	150	920	690	690	460	240	140	870	660	650	430	220	140		
65	18.3	Q(Btu/h)	14720	12990	11160	7350	3800	2550	13940	12300	10580	6980	3610	2410	13090	11560	9930	6530	3380	2270		
		W	1100	830	830	540	270	190	1030	780	780	510	260	180	970	750	730	480	240	180		
60	15.6	Q(Btu/h)	14720	12990	11160	7350	3800	2550	13940	12300	10580	6980	3610	2410	13090	11560	9930	6530	3380	2270		
		W	1100	830	830	540	270	190	1030	780	780	510	260	180	970	750	730	480	240	180		
55	12.8	Q(Btu/h)	14720	12990	11160	7350	3800	2550	13940	12300	10580	6980	3610	2410	13090	11560	9930	6530	3380	2270		
		W	1100	830	830	540	270	190	1030	780	780	510	260	180	970	750	730	480	240	180		
50	10.0	Q(Btu/h)	14720	12990	11160	7350	3800	2550	13940	12300	10580	6980	3610	2410	13090	11560	9930	6530	3380	2270		
		W	1100	830	830	540	270	190	1030	780	780	510	260	180	970	750	730	480	240	180		
45	7.2	Q(Btu/h)	14720	12990	11160	7350	3800	2550	13940	12300	10580	6980	3610	2410	13090	11560	9930	6530	3380	2270		
		W	1100	830	830	540	270	190	1030	780	780	510	260	180	970	750	730	480	240	180		
40	4.4	Q(Btu/h)	14720	12990	11160	7350	3800	2550	13940	12300	10580	6980	3610	2410	13090	11560	9930	6530	3380	2270		
		W	1100	830	830	540	270	190	1030	780	780	510	260	180	970	750	730	480	240	180		
35	1.7	Q(Btu/h)	14720	12990	11160	7350	3800	2550	13940	12300	10580	6980	3610	2410	13090	11560	9930	6530	3380	2270		
		W	1100	830	830	540	270	190	1030	780	780	510	260	180	970	750	730	480	240	180		
30	-1.1	Q(Btu/h)	14720	12990	11160	7350	3800	2550	13940	12300	10580	6980	3610	2410	13090	11560	9930	6530	3380	2270		
		W	1100	830	830	540	270	190	1030	780	780	510	260	180	970	750	730	480	240	180		
25	-3.9	Q(Btu/h)	14720	12990	11160	7350	3800	2550	13940	12300	10580	6980	3610	2410	13090	11560	9930	6530	3380	2270		
		W	1100	830	830	540	270	190	1030	780	780	510	260	180	970	750	730	480	240	180		
20	-6.7	Q(Btu/h)	14720	12990	11160	7350	3800	2550	13940	12300	10580	6980	3610	2410	13090	11560	9930	6530	3380	2270		
		W	1100	830	830	540	270	190	1030	780	780	510	260	180	970	750	730	480	240	180		
15	-9.4	Q(Btu/h)	14720	12990	11160	7350	3800	2550	13940	12300	10580	6980	3610	2410	13090	11560	9930	6530	3380	2270		
		W	1100	830	830	540	270	190	1030	780	780	510	260	180	970	750	730	480	240	180		

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

MSZ-FS12NA
MUZ-FS12NAH
2) HEATING

Rated
 Q(Btu/h): 12300
 W: 850

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)	26230	15360	19740	13240	6500	4000	27300	15990	20540	13780	6760	4160	28370	16620	21340	14320	7020	4320			
		W	2610	970	1960	1320	640	400	2480	920	1860	1250	610	380	2350	870	1760	1180	580	360			
60	15.6	Q(Btu/h)	24820	14530	18670	12520	6140	3780	25890	15160	19480	13060	6410	3940	26960	15790	20290	13600	6680	4100			
		W	2590	960	1950	1320	640	400	2460	910	1850	1250	610	380	2330	860	1750	1180	580	360			
55	12.8	Q(Btu/h)	23380	13690	17590	11800	5790	3560	24470	14330	18410	12350	6060	3730	25560	14970	19230	12900	6330	3900			
		W	2570	950	1930	1300	630	390	2440	900	1830	1230	600	370	2310	850	1730	1160	570	350			
50	10.0	Q(Btu/h)	21940	12850	16500	11070	5430	3340	23050	13500	17340	11630	5710	3510	24160	14150	18180	12190	5990	3680			
		W	2530	940	1910	1270	620	380	2400	890	1810	1210	590	360	2270	840	1710	1150	560	340			
45	7.2	Q(Btu/h)	20510	12010	15430	10350	5070	3120	21630	12670	16270	10910	5350	3290	22750	13330	17110	11470	5630	3460			
		W	2480	920	1860	1250	610	380	2350	870	1770	1190	580	360	2220	820	1680	1130	550	340			
43	6.1	Q(Btu/h)	19890	11650	14960	10040	4920	3030	21000	12300	15800	10600	5200	3200	22110	12950	16640	11160	5480	3370			
		W	2420	900	1820	1220	600	370	2300	850	1730	1160	570	350	2180	800	1640	1100	540	330			
40	4.4	Q(Btu/h)	18710	11130	14080	9440	4630	2850	19800	11780	14900	9990	4900	3020	20890	12430	15720	10540	5170	3190			
		W	2370	880	1780	1200	590	360	2250	840	1690	1140	560	340	2130	800	1600	1080	530	320			
35	1.7	Q(Btu/h)	17500	10250	13160	8830	4330	2660	18590	10890	13980	9380	4600	2830	19680	11530	14800	9930	4870	3000			
		W	2310	850	1740	1170	570	350	2190	810	1650	1110	540	330	2070	770	1560	1050	510	310			
30	-1.1	Q(Btu/h)	17460	9430	13140	8810	4320	2660	18620	10060	14010	9400	4610	2840	19780	10690	14880	9990	4900	3020			
		W	2270	940	1740	1220	670	460	2160	900	1660	1160	640	440	2050	860	1580	1100	610	420			
25	-3.9	Q(Btu/h)	17390	8610	13080	8780	4310	2650	18640	9230	14020	9410	4620	2840	19890	9850	14960	10040	4930	3030			
		W	2090	900	1600	1120	610	420	1990	860	1530	1070	590	410	1890	820	1460	1020	570	400			
20	-6.7	Q(Btu/h)	16720	7790	12570	8430	4130	2540	18030	8400	13560	9090	4460	2740	19340	9010	14550	9750	4790	2940			
		W	2090	840	1600	1120	610	420	1990	800	1530	1070	590	410	1890	760	1460	1020	570	400			
15	-9.4	Q(Btu/h)	16000	6950	12040	8080	3960	2430	17410	7560	13100	8790	4310	2650	18820	8170	14160	9500	4660	2870			
		W	2090	770	1600	1120	610	420	1990	740	1530	1070	590	410	1890	710	1460	1020	570	400			
10	-12.2	Q(Btu/h)	14560	6080	10960	7350	3600	2210	16050	6700	12080	8100	3970	2440	17540	7320	13200	8850	4340	2670			
		W	2050	710	1570	1100	600	420	1950	680	1500	1050	580	410	1850	650	1430	1000	560	400			
5	-15.0	Q(Btu/h)	13080	5200	9840	6600	3230	1990	14690	5840	11050	7410	3630	2230	16300	6480	12260	8220	4030	2470			
		W	2010	640	1540	1080	590	410	1910	610	1470	1030	570	400	1810	580	1400	980	550	390			
0	-17.8	Q(Btu/h)	11720	5030	8820	5910	2900	1790	13500	5790	10160	6810	3340	2060	15280	6550	11500	7710	3780	2330			
		W	1920	780	1480	1040	570	400	1830	750	1410	990	550	390	1740	720	1340	940	530	380			
-4	-20.0	Q(Btu/h)	10390	4850	7810	5240	2580	1590	12300	5740	9250	6210	3050	1880	14210	6630	10690	7180	3520	2170			
		W	1830	920	1400	980	550	390	1740	880	1340	940	530	380	1650	840	1280	900	510	370			
-10	-23.3	Q(Btu/h)	9290	4340	6990	4690	2300	1410	11650	5440	8770	5880	2880	1770	14010	6540	10550	7070	3460	2130			
		W	1790	910	1380	970	540	380	1710	870	1320	930	520	370	1630	830	1260	890	500	360			
-13	-25.0	Q(Btu/h)	8450	3940	6360	4260	2090	1280	11000	5130	8280	5550	2720	1670	13550	6320	10200	6840	3350	2060			
		W	1760	890	1360	950	530	370	1680	850	1300	910	510	360	1600	810	1240	870	490	350			

* Above data is for heating operation without any frost.

MSZ-FS15NA
MUZ-FS15NA
1) COOLING

Rated
 Q(Btu/h): 14000
 W: 1000

Indoor W.B.		71°F / 21.7°C							67°F / 19.4°C							63°F / 17.2°C						
Outdoor D.B.		Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.			
(°F)	(°C)																					
115	46.1	Q(Btu/h)	17160	12880	12930	8680	4230	5820	16250	11970	12240	8220	4000	5510	15270	10920	11510	7730	3760	5180		
		W	2360	1150	1770	1210	610	490	2230	1110	1680	1140	560	460	2120	1060	1600	1090	550	450		
110	43.3	Q(Btu/h)	17910	13440	13500	9090	4430	6080	16960	12500	12780	8600	4190	5760	15940	11450	12020	8080	3940	5410		
		W	2310	1130	1730	1150	590	480	2180	1090	1640	1090	540	450	2080	1040	1560	1040	530	440		
105	40.6	Q(Btu/h)	18660	14000	14060	9440	4610	6340	17670	13020	13310	8940	4360	6000	16600	11970	12520	8400	4100	5640		
		W	2260	1110	1700	1150	590	460	2130	1060	1610	1090	540	430	2030	1020	1530	1040	530	420		
100	37.8	Q(Btu/h)	19370	14530	14590	9800	4790	6580	18340	13510	13810	9280	4530	6230	17230	12570	12990	8720	4260	5860		
		W	2190	1080	1650	1110	560	440	2070	1030	1560	1050	510	420	1970	990	1490	1000	500	410		
95	35.0	Q(Btu/h)	20070	15050	15130	10170	4960	6810	19000	14000	14320	9630	4690	6450	17850	13160	13470	9050	4410	6060		
		W	2130	1050	1590	1080	550	430	2010	1000	1510	1020	500	410	1910	960	1440	970	490	400		
90	32.2	Q(Btu/h)	20870	15540	15730	10570	5160	7090	19760	14560	14890	10010	4880	6710	18570	13650	14000	9410	4580	6310		
		W	2050	1020	1540	1040	530	420	1940	970	1460	980	480	400	1850	930	1390	930	470	390		
85	29.4	Q(Btu/h)	21670	16030	16340	10980	5350	7360	20520	15120	15460	10390	5060	6970	19280	14140	14540	9770	4750	6550		
		W	1970	980	1480	1010	500	400	1860	930	1400	950	460	380	1770	890	1330	910	450	370		
80	26.7	Q(Btu/h)	22480	16590	16940	11390	5550	7640	21280	15680	16030	10780	5250	7230	20000	14700	15070	10130	4930	6800		
		W	1890	940	1410	950	480	380	1780	890	1340	900	440	360	1700	850	1280	860	430	350		
75	23.9	Q(Btu/h)	23280	17150	17540	11800	5750	7900	22040	16240	16600	11170	5440	7480	20710	15260	15610	10500	5110	7030		
		W	1790	890	1340	910	450	360	1690	840	1270	860	410	340	1610	800	1210	820	400	330		
70	21.1	Q(Btu/h)	24080	17740	18140	12200	5950	8170	22800	16800	17170	11550	5630	7740	21420	15790	16150	10860	5290	7270		
		W	1690	850	1270	860	430	350	1600	800	1200	810	390	330	1520	760	1140	770	380	320		
65	18.3	Q(Btu/h)	20570	15150	15510	10430	5080	5340	19480	14350	14680	9870	4810	5060	18300	13490	13810	9280	4520	4750		
		W	1590	800	1200	800	410	410	1510	750	1130	750	370	390	1430	710	1070	710	360	380		
60	15.6	Q(Btu/h)	20570	15150	15510	10430	5080	5340	19480	14350	14680	9870	4810	5060	18300	13490	13810	9280	4520	4750		
		W	1590	800	1200	800	410	410	1510	750	1130	750	370	390	1430	710	1070	710	360	380		
55	12.8	Q(Btu/h)	20570	15150	15510	10430	5080	5340	19480	14350	14680	9870	4810	5060	18300	13490	13810	9280	4520	4750		
		W	1590	800	1200	800	410	410	1510	750	1130	750	370	390	1430	710	1070	710	360	380		
50	10.0	Q(Btu/h)	20570	15150	15510	10430	5080	5340	19480	14350	14680	9870	4810	5060	18300	13490	13810	9280	4520	4750		
		W	1590	800	1200	800	410	410	1510	750	1130	750	370	390	1430	710	1070	710	360	380		
45	7.2	Q(Btu/h)	20570	15150	15510	10430	5080	5340	19480	14350	14680	9870	4810	5060	18300	13490	13810	9280	4520	4750		
		W	1590	800	1200	800	410	410	1510	750	1130	750	370	390	1430	710	1070	710	360	380		
40	4.4	Q(Btu/h)	20570	15150	15510	10430	5080	5340	19480	14350	14680	9870	4810	5060	18300	13490	13810	9280	4520	4750		
		W	1590	800	1200	800	410	410	1510	750	1130	750	370	390	1430	710	1070	710	360	380		
35	1.7	Q(Btu/h)	20570	15150	15510	10430	5080	5340	19480	14350	14680	9870	4810	5060	18300	13490	13810	9280	4520	4750		
		W	1590	800	1200	800	410	410	1510	750	1130	750	370	390	1430	710	1070	710	360	380		
30	-1.1	Q(Btu/h)	20570	15150	15510	10430	5080	5340	19480	14350	14680	9870	4810	5060	18300	13490	13810	9280	4520	4750		
		W	1590	800	1200	800	410	410	1510	750	1130	750	370	390	1430	710	1070	710	360	380		
25	-3.9	Q(Btu/h)	20570	15150	15510	10430	5080	5340	19480	14350	14680	9870	4810	5060	18300	13490	13810	9280	4520	4750		
		W	1590	800	1200	800	410	410	1510	750	1130	750	370	390	1430	710	1070	710	360	380		
20	-6.7	Q(Btu/h)	20570	15150	15510	10430	5080	5340	19480	14350	14680	9870	4810	5060	18300	13490	13810	9280	4520	4750		
		W	1590	800	1200	800	410	410	1510	750	1130	750	370	390	1430	710	1070	710	360	380		
15	-9.4	Q(Btu/h)	20570	15150	15510	10430	5080	5340	19480	14350	14680	9870	4810	5060	18300	13490	13810	9280	4520	4750		
		W	1590	800	1200	800	410	410	1510	750	1130	750	370	390	1430	710	1070	710	360	380		

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

MSZ-FS15NA
MUZ-FS15NA
2) HEATING

Rated
 Q(Btu/h): 16000
 W: 1155

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)	34600	19990	26040	17470	8560	6850	36010	20800	27100	18180	8910	7130	37420	21610	28160	18890	9260	7410
		W	3820	1320	2880	1930	950	760	3630	1250	2730	1830	900	720	3440	1180	2580	1730	850	680
60	15.6	Q(Btu/h)	32720	18900	24620	16520	8100	6480	34140	19720	25690	17240	8450	6760	35560	20540	26760	17960	8800	7040
		W	3790	1310	2840	1910	940	750	3600	1240	2700	1810	890	710	3410	1170	2560	1710	840	670
55	12.8	Q(Btu/h)	30830	17810	23200	15560	7630	6100	32270	18640	24280	16290	7990	6390	33710	19470	25360	17020	8350	6680
		W	3750	1290	2820	1900	930	740	3560	1220	2680	1800	880	700	3370	1150	2540	1700	830	660
50	10.0	Q(Btu/h)	28940	16710	21780	14610	7170	5730	30400	17560	22880	15350	7530	6020	31860	18410	23980	16090	7890	6310
		W	3690	1260	2770	1850	910	730	3500	1200	2630	1760	860	690	3310	1140	2490	1670	810	650
45	7.2	Q(Btu/h)	27050	15630	20360	13660	6690	5360	28530	16480	21470	14410	7060	5650	30010	17330	22580	15160	7430	5940
		W	3610	1240	2720	1820	900	720	3430	1180	2580	1730	850	680	3250	1120	2440	1640	800	640
43	6.1	Q(Btu/h)	26230	15150	19740	13250	6500	5200	27700	16000	20850	13990	6860	5490	29170	16850	21960	14730	7220	5780
		W	3540	1220	2670	1790	870	700	3360	1155	2530	1700	830	660	3180	1090	2390	1610	790	620
40	4.4	Q(Btu/h)	24670	14480	18570	12450	6100	4880	26110	15320	19650	13180	6460	5170	27550	16160	20730	13910	6820	5460
		W	3460	1200	2600	1750	850	680	3280	1140	2470	1660	810	650	3100	1080	2340	1570	770	620
35	1.7	Q(Btu/h)	23070	13330	17360	11640	5700	4570	24510	14160	18440	12370	6060	4850	25950	14990	19520	13100	6420	5130
		W	3360	1160	2520	1700	830	660	3190	1100	2390	1610	790	630	3020	1040	2260	1520	750	600
30	-1.1	Q(Btu/h)	22860	12260	17210	11550	5660	4530	24380	13080	18350	12320	6040	4830	25900	13900	19490	13090	6420	5130
		W	3290	1110	2480	1660	820	650	3120	1050	2350	1580	780	620	2950	990	2220	1500	740	590
25	-3.9	Q(Btu/h)	22630	11200	17030	11430	5610	4490	24250	12000	18250	12250	6010	4810	25870	12800	19470	13070	6410	5130
		W	3210	1040	2420	1630	800	640	3050	990	2300	1550	760	610	2890	940	2180	1470	720	580
20	-6.7	Q(Btu/h)	21780	10120	16380	11000	5390	4310	23490	10920	17670	11860	5810	4650	25200	11720	18960	12720	6230	4990
		W	3230	960	2440	1640	800	640	3070	910	2320	1560	760	610	2910	860	2200	1480	720	580
15	-9.4	Q(Btu/h)	20880	9040	15710	10550	5170	4130	22730	9840	17100	11480	5630	4500	24580	10640	18490	12410	6090	4870
		W	3260	870	2440	1640	800	640	3090	830	2320	1560	760	610	2920	790	2200	1480	720	580
10	-12.2	Q(Btu/h)	19090	7910	14380	9640	4730	3780	21050	8720	15850	10630	5210	4170	23010	9530	17320	11620	5690	4560
		W	3000	780	2270	1530	750	600	2850	740	2150	1450	710	570	2700	700	2030	1370	670	540
5	-15.0	Q(Btu/h)	17240	6770	12970	8700	4270	3410	19360	7600	14560	9770	4790	3830	21480	8430	16150	10840	5310	4250
		W	2750	680	2060	1380	670	540	2610	650	1960	1310	640	510	2470	620	1860	1240	610	480
0	-17.8	Q(Btu/h)	15350	6400	11540	7750	3800	3040	17680	7370	13300	8930	4380	3500	20010	8340	15060	10110	4960	3960
		W	2600	900	1960	1320	640	520	2470	850	1860	1250	610	490	2340	800	1760	1180	580	460
-4	-20.0	Q(Btu/h)	13510	6020	10180	6820	3340	2680	16000	7130	12050	8080	3960	3170	18490	8240	13920	9340	4580	3660
		W	2450	1100	1840	1230	610	480	2330	1040	1750	1170	580	460	2210	980	1660	1110	550	440
-10	-23.3	Q(Btu/h)	12120	5410	9120	6120	3000	2400	15200	6780	11440	7680	3760	3010	18280	8150	13760	9240	4520	3620
		W	2340	1040	1760	1180	580	460	2220	990	1670	1120	550	440	2100	940	1580	1060	520	420
-13	-25.0	Q(Btu/h)	11060	4930	8320	5580	2730	2190	14400	6420	10830	7270	3560	2850	17740	7910	13340	8960	4390	3510
		W	2210	990	1660	1120	550	440	2100	940	1580	1060	520	420	1990	890	1500	1000	490	400

* Above data is for heating operation without any frost.

MSZ-FS15NA
MUZ-FS15NAH
1) COOLING

Rated
 Q(Btu/h): 14000
 W: 1000

Indoor W.B.		71°F / 21.7°C							67°F / 19.4°C							63°F / 17.2°C						
Outdoor D.B.		Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.			
(°F)	(°C)	Q(Btu/h)	W	Q(Btu/h)	W	Q(Btu/h)	W	Q(Btu/h)	W	Q(Btu/h)	W	Q(Btu/h)	W	Q(Btu/h)	W	Q(Btu/h)	W	Q(Btu/h)	W			
115	46.1	Q(Btu/h)	W	17160	12880	12930	8680	4230	5820	16250	11970	12240	8220	4000	5510	15270	10920	11510	7730	3760	5180	
		W		2360	1150	1770	1210	610	490	2230	1110	1680	1140	560	460	2120	1060	1600	1090	550	450	
110	43.3	Q(Btu/h)	W	17910	13440	13500	9090	4430	6080	16960	12500	12780	8600	4190	5760	15940	11450	12020	8080	3940	5410	
		W		2310	1130	1730	1150	590	480	2180	1090	1640	1090	540	450	2080	1040	1560	1040	530	440	
105	40.6	Q(Btu/h)	W	18660	14000	14060	9440	4610	6340	17670	13020	13310	8940	4360	6000	16600	11970	12520	8400	4100	5640	
		W		2260	1110	1700	1150	590	460	2130	1060	1610	1090	540	430	2030	1020	1530	1040	530	420	
100	37.8	Q(Btu/h)	W	19370	14530	14590	9800	4790	6580	18340	13510	13810	9280	4530	6230	17230	12570	12990	8720	4260	5860	
		W		2190	1080	1650	1110	560	440	2070	1030	1560	1050	510	420	1970	990	1490	1000	500	410	
95	35.0	Q(Btu/h)	W	20070	15050	15130	10170	4960	6810	19000	14000	14320	9630	4690	6450	17850	13160	13470	9050	4410	6060	
		W		2130	1050	1590	1080	550	430	2010	1000	1510	1020	500	410	1910	960	1440	970	490	400	
90	32.2	Q(Btu/h)	W	20870	15540	15730	10570	5160	7090	19760	14560	14890	10010	4880	6710	18570	13650	14000	9410	4580	6310	
		W		2050	1020	1540	1040	530	420	1940	970	1460	980	480	400	1850	930	1390	930	470	390	
85	29.4	Q(Btu/h)	W	21670	16030	16340	10980	5350	7360	20520	15120	15460	10390	5060	6970	19280	14140	14540	9770	4750	6550	
		W		1970	980	1480	1010	500	400	1860	930	1400	950	460	380	1770	890	1330	910	450	370	
80	26.7	Q(Btu/h)	W	22480	16590	16940	11390	5550	7640	21280	15680	16030	10780	5250	7230	20000	14700	15070	10130	4930	6800	
		W		1890	940	1410	950	480	380	1780	890	1340	900	440	360	1700	850	1280	860	430	350	
75	23.9	Q(Btu/h)	W	23280	17150	17540	11800	5750	7900	22040	16240	16600	11170	5440	7480	20710	15260	15610	10500	5110	7030	
		W		1790	890	1340	910	450	360	1690	840	1270	860	410	340	1610	800	1210	820	400	330	
70	21.1	Q(Btu/h)	W	24080	17740	18140	12200	5950	8170	22800	16800	17170	11550	5630	7740	21420	15790	16150	10860	5290	7270	
		W		1690	850	1270	860	430	350	1600	800	1200	810	390	330	1520	760	1140	770	380	320	
65	18.3	Q(Btu/h)	W	20570	15150	15510	10430	5080	5340	19480	14350	14680	9870	4810	5060	18300	13490	13810	9280	4520	4750	
		W		1590	800	1200	800	410	410	1510	750	1130	750	370	390	1430	710	1070	710	360	380	
60	15.6	Q(Btu/h)	W	20570	15150	15510	10430	5080	5340	19480	14350	14680	9870	4810	5060	18300	13490	13810	9280	4520	4750	
		W		1590	800	1200	800	410	410	1510	750	1130	750	370	390	1430	710	1070	710	360	380	
55	12.8	Q(Btu/h)	W	20570	15150	15510	10430	5080	5340	19480	14350	14680	9870	4810	5060	18300	13490	13810	9280	4520	4750	
		W		1590	800	1200	800	410	410	1510	750	1130	750	370	390	1430	710	1070	710	360	380	
50	10.0	Q(Btu/h)	W	20570	15150	15510	10430	5080	5340	19480	14350	14680	9870	4810	5060	18300	13490	13810	9280	4520	4750	
		W		1590	800	1200	800	410	410	1510	750	1130	750	370	390	1430	710	1070	710	360	380	
45	7.2	Q(Btu/h)	W	20570	15150	15510	10430	5080	5340	19480	14350	14680	9870	4810	5060	18300	13490	13810	9280	4520	4750	
		W		1590	800	1200	800	410	410	1510	750	1130	750	370	390	1430	710	1070	710	360	380	
40	4.4	Q(Btu/h)	W	20570	15150	15510	10430	5080	5340	19480	14350	14680	9870	4810	5060	18300	13490	13810	9280	4520	4750	
		W		1590	800	1200	800	410	410	1510	750	1130	750	370	390	1430	710	1070	710	360	380	
35	1.7	Q(Btu/h)	W	20570	15150	15510	10430	5080	5340	19480	14350	14680	9870	4810	5060	18300	13490	13810	9280	4520	4750	
		W		1590	800	1200	800	410	410	1510	750	1130	750	370	390	1430	710	1070	710	360	380	
30	-1.1	Q(Btu/h)	W	20570	15150	15510	10430	5080	5340	19480	14350	14680	9870	4810	5060	18300	13490	13810	9280	4520	4750	
		W		1590	800	1200	800	410	410	1510	750	1130	750	370	390	1430	710	1070	710	360	380	
25	-3.9	Q(Btu/h)	W	20570	15150	15510	10430	5080	5340	19480	14350	14680	9870	4810	5060	18300	13490	13810	9280	4520	4750	
		W		1590	800	1200	800	410	410	1510	750	1130	750	370	390	1430	710	1070	710	360	380	
20	-6.7	Q(Btu/h)	W	20570	15150	15510	10430	5080	5340	19480	14350	14680	9870	4810	5060	18300	13490	13810	9280	4520	4750	
		W		1590	800	1200	800	410	410	1510	750	1130	750	370	390	1430	710	1070	710	360	380	
15	-9.4	Q(Btu/h)	W	20570	15150	15510	10430	5080	5340	19480	14350	14680	9870	4810	5060	18300	13490	13810	9280	4520	4750	
		W		1590	800	1200	800	410	410	1510	750	1130	750	370	390	1430	710	1070	710	360	380	

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

MSZ-FS15NA
MUZ-FS15NAH
2) HEATING

Rated
Q(Btu/h): 16000
W: 1155

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)	34600	19990	26040	17470	8560	6850	36010	20800	27100	18180	8910	7130	37420	21610	28160	18890	9260	7410
		W	3820	1320	2880	1930	950	760	3630	1250	2730	1830	900	720	3440	1180	2580	1730	850	680
60	15.6	Q(Btu/h)	32720	18900	24620	16520	8100	6480	34140	19720	25690	17240	8450	6760	35560	20540	26760	17960	8800	7040
		W	3790	1310	2840	1910	940	750	3600	1240	2700	1810	890	710	3410	1170	2560	1710	840	670
55	12.8	Q(Btu/h)	30830	17810	23200	15560	7630	6100	32270	18640	24280	16290	7990	6390	33710	19470	25360	17020	8350	6680
		W	3750	1290	2820	1900	930	740	3560	1220	2680	1800	880	700	3370	1150	2540	1700	830	660
50	10.0	Q(Btu/h)	28940	16710	21780	14610	7170	5730	30400	17560	22880	15350	7530	6020	31860	18410	23980	16090	7890	6310
		W	3690	1260	2770	1850	910	730	3500	1200	2630	1760	860	690	3310	1140	2490	1670	810	650
45	7.2	Q(Btu/h)	27050	15630	20360	13660	6690	5360	28530	16480	21470	14410	7060	5650	30010	17330	22580	15160	7430	5940
		W	3610	1240	2720	1820	900	720	3430	1180	2580	1730	850	680	3250	1120	2440	1640	800	640
43	6.1	Q(Btu/h)	26230	15150	19740	13250	6500	5200	27700	16000	20850	13990	6860	5490	29170	16850	21960	14730	7220	5780
		W	3540	1220	2670	1790	870	700	3360	1155	2530	1700	830	660	3180	1090	2390	1610	790	620
40	4.4	Q(Btu/h)	24670	14480	18570	12450	6100	4880	26110	15320	19650	13180	6460	5170	27550	16160	20730	13910	6820	5460
		W	3460	1200	2600	1750	850	680	3280	1140	2470	1660	810	650	3100	1080	2340	1570	770	620
35	1.7	Q(Btu/h)	23070	13330	17360	11640	5700	4570	24510	14160	18440	12370	6060	4850	25950	14990	19520	13100	6420	5130
		W	3360	1160	2520	1700	830	660	3190	1100	2390	1610	790	630	3020	1040	2260	1520	750	600
30	-1.1	Q(Btu/h)	22860	12260	17210	11550	5660	4530	24380	13080	18350	12320	6040	4830	25900	13900	19490	13090	6420	5130
		W	3410	1230	2600	1780	940	770	3240	1170	2470	1700	900	740	3070	1110	2340	1620	860	710
25	-3.9	Q(Btu/h)	22630	11200	17030	11430	5610	4490	24250	12000	18250	12250	6010	4810	25870	12800	19470	13070	6410	5130
		W	3330	1160	2540	1750	920	760	3170	1110	2420	1670	880	730	3010	1060	2300	1590	840	700
20	-6.7	Q(Btu/h)	21780	10120	16380	11000	5390	4310	23490	10920	17670	11860	5810	4650	25200	11720	18960	12720	6230	4990
		W	3350	1080	2560	1760	920	760	3190	1030	2440	1680	880	730	3030	980	2320	1600	840	700
15	-9.4	Q(Btu/h)	20880	9040	15710	10550	5170	4130	22730	9840	17100	11480	5630	4500	24580	10640	18490	12410	6090	4870
		W	3380	990	2560	1760	920	760	3210	950	2440	1680	880	730	3040	910	2320	1600	840	700
10	-12.2	Q(Btu/h)	19090	7910	14380	9640	4730	3780	21050	8720	15850	10630	5210	4170	23010	9530	17320	11620	5690	4560
		W	3120	900	2390	1650	870	720	2970	860	2270	1570	830	690	2820	820	2150	1490	790	660
5	-15.0	Q(Btu/h)	17240	6770	12970	8700	4270	3410	19360	7600	14560	9770	4790	3830	21480	8430	16150	10840	5310	4250
		W	2870	800	2180	1500	790	660	2730	770	2080	1430	760	630	2590	740	1980	1360	730	600
0	-17.8	Q(Btu/h)	15350	6400	11540	7750	3800	3040	17680	7370	13300	8930	4380	3500	20010	8340	15060	10110	4960	3960
		W	2720	1020	2080	1440	760	640	2590	970	1980	1370	730	610	2460	920	1880	1300	700	580
-4	-20.0	Q(Btu/h)	13510	6020	10180	6820	3340	2680	16000	7130	12050	8080	3960	3170	18490	8240	13920	9340	4580	3660
		W	2570	1220	1960	1350	730	600	2450	1160	1870	1290	700	580	2330	1100	1780	1230	670	560
-10	-23.3	Q(Btu/h)	12120	5410	9120	6120	3000	2400	15200	6780	11440	7680	3760	3010	18280	8150	13760	9240	4520	3620
		W	2460	1160	1880	1300	700	580	2340	1110	1790	1240	670	560	2220	1060	1700	1180	640	540
-13	-25.0	Q(Btu/h)	11060	4930	8320	5580	2730	2190	14400	6420	10830	7270	3560	2850	17740	7910	13340	8960	4390	3510
		W	2330	1110	1780	1240	670	560	2220	1060	1700	1180	640	540	2110	1010	1620	1120	610	520

* Above data is for heating operation without any frost.

MSZ-FS18NA
MUZ-FS18NA
1) COOLING

Rated
Q(Btu/h): 17200
W: 1375

Indoor W.B.			71°F / 21.7°C						67°F / 19.4°C						63°F / 17.2°C					
Outdoor D.B.			Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.
(°F)	(°C)																			
115	46.1	Q(Btu/h)	18970	15820	14280	9590	4680	5820	17960	14710	13520	9090	4440	5510	16880	13420	12700	8540	4170	5180
		W	2620	1580	1970	1330	650	490	2460	1530	1850	1250	610	460	2350	1460	1770	1200	580	450
110	43.3	Q(Btu/h)	19800	16510	14910	10010	4890	6080	18750	15360	14120	9490	4640	5760	17620	14070	13270	8910	4360	5410
		W	2570	1550	1930	1300	630	480	2410	1500	1810	1220	590	450	2310	1430	1730	1170	560	440
105	40.6	Q(Btu/h)	20630	17200	15530	10410	5070	6340	19530	16000	14700	9870	4810	6000	18350	14710	13810	9270	4510	5640
		W	2500	1520	1880	1270	620	460	2350	1460	1770	1190	580	430	2250	1400	1690	1140	550	420
100	37.8	Q(Btu/h)	21410	17850	16120	10820	5270	6580	20270	16600	15260	10250	5000	6230	19050	15440	14340	9630	4690	5860
		W	2440	1480	1830	1230	610	440	2290	1420	1720	1160	570	420	2190	1360	1650	1110	550	410
95	35.0	Q(Btu/h)	22180	18490	16700	11210	5470	6810	21000	17200	15810	10620	5190	6450	19730	16170	14850	9970	4870	6060
		W	2360	1440	1780	1190	590	430	2220	1375	1670	1120	550	410	2120	1310	1600	1070	530	400
90	32.2	Q(Btu/h)	23070	19090	17360	11660	5700	7090	21840	17890	16440	11050	5400	6710	20520	16770	15440	10380	5070	6310
		W	2280	1390	1710	1150	560	420	2140	1320	1610	1080	530	400	2050	1270	1540	1030	510	390
85	29.4	Q(Btu/h)	23960	19690	18040	12110	5920	7360	22680	18580	17080	11480	5610	6970	21310	17370	16050	10780	5270	6550
		W	2180	1340	1650	1110	540	400	2050	1270	1550	1040	510	380	1960	1220	1480	1000	490	370
80	26.7	Q(Btu/h)	24840	20380	18700	12570	6140	7640	23520	19270	17710	11910	5820	7230	22100	18060	16640	11190	5460	6800
		W	2090	1280	1580	1050	510	380	1960	1220	1480	990	480	360	1880	1160	1420	950	460	350
75	23.9	Q(Btu/h)	25730	21070	19370	13010	6360	7900	24360	19950	18340	12330	6030	7480	22890	18750	17230	11580	5660	7030
		W	1980	1220	1490	1000	490	360	1860	1160	1400	940	460	340	1780	1100	1340	900	440	330
70	21.1	Q(Btu/h)	26620	21800	20050	13450	6570	8170	25200	20640	18980	12750	6230	7740	23680	19400	17830	11970	5850	7270
		W	1880	1160	1420	950	470	350	1770	1100	1330	890	440	330	1690	1040	1270	850	420	320
65	18.3	Q(Btu/h)	22740	18620	17120	11480	5600	5340	21530	17630	16210	10880	5310	5060	20230	16570	15230	10210	4990	4750
		W	1760	1090	1330	890	430	400	1660	1030	1250	830	400	380	1580	970	1190	790	380	370
60	15.6	Q(Btu/h)	22740	18620	17120	11480	5600	5340	21530	17630	16210	10880	5310	5060	20230	16570	15230	10210	4990	4750
		W	1760	1090	1330	890	430	400	1660	1030	1250	830	400	380	1580	970	1190	790	380	370
55	12.8	Q(Btu/h)	22740	18620	17120	11480	5600	5340	21530	17630	16210	10880	5310	5060	20230	16570	15230	10210	4990	4750
		W	1760	1090	1330	890	430	400	1660	1030	1250	830	400	380	1580	970	1190	790	380	370
50	10.0	Q(Btu/h)	22740	18620	17120	11480	5600	5340	21530	17630	16210	10880	5310	5060	20230	16570	15230	10210	4990	4750
		W	1760	1090	1330	890	430	400	1660	1030	1250	830	400	380	1580	970	1190	790	380	370
45	7.2	Q(Btu/h)	22740	18620	17120	11480	5600	5340	21530	17630	16210	10880	5310	5060	20230	16570	15230	10210	4990	4750
		W	1760	1090	1330	890	430	400	1660	1030	1250	830	400	380	1580	970	1190	790	380	370
40	4.4	Q(Btu/h)	22740	18620	17120	11480	5600	5340	21530	17630	16210	10880	5310	5060	20230	16570	15230	10210	4990	4750
		W	1760	1090	1330	890	430	400	1660	1030	1250	830	400	380	1580	970	1190	790	380	370
35	1.7	Q(Btu/h)	22740	18620	17120	11480	5600	5340	21530	17630	16210	10880	5310	5060	20230	16570	15230	10210	4990	4750
		W	1760	1090	1330	890	430	400	1660	1030	1250	830	400	380	1580	970	1190	790	380	370
30	-1.1	Q(Btu/h)	22740	18620	17120	11480	5600	5340	21530	17630	16210	10880	5310	5060	20230	16570	15230	10210	4990	4750
		W	1760	1090	1330	890	430	400	1660	1030	1250	830	400	380	1580	970	1190	790	380	370
25	-3.9	Q(Btu/h)	22740	18620	17120	11480	5600	5340	21530	17630	16210	10880	5310	5060	20230	16570	15230	10210	4990	4750
		W	1760	1090	1330	890	430	400	1660	1030	1250	830	400	380	1580	970	1190	790	380	370
20	-6.7	Q(Btu/h)	22740	18620	17120	11480	5600	5340	21530	17630	16210	10880	5310	5060	20230	16570	15230	10210	4990	4750
		W	1760	1090	1330	890	430	400	1660	1030	1250	830	400	380	1580	970	1190	790	380	370
15	-9.4	Q(Btu/h)	22740	18620	17120	11480	5600	5340	21530	17630	16210	10880	5310	5060	20230	16570	15230	10210	4990	4750
		W	1760	1090	1330	890	430	400	1660	1030	1250	830	400	380	1580	970	1190	790	380	370

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

MSZ-FS18NA
MUZ-FS18NA
2) HEATING

Rated
 Q(Btu/h): 19000
 W: 1610

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)	41220	23730	31000	20780	10220	6810	42900	24700	32260	21630	10640	7090	44580	25670	33520	22480	11060	7370
		W	4550	1830	3420	2300	1140	760	4320	1740	3250	2180	1080	720	4090	1650	3080	2060	1020	680
60	15.6	Q(Btu/h)	38990	22450	29330	19660	9670	6450	40680	23420	30600	20510	10090	6730	42370	24390	31870	21360	10510	7010
		W	4510	1820	3400	2280	1120	750	4280	1730	3230	2160	1060	710	4050	1640	3060	2040	1000	670
55	12.8	Q(Btu/h)	36730	21150	27630	18520	9110	6080	38450	22140	28920	19390	9540	6360	40170	23130	30210	20260	9970	6640
		W	4470	1800	3360	2250	1110	740	4240	1710	3190	2140	1050	700	4010	1620	3020	2030	990	660
50	10.0	Q(Btu/h)	34480	19860	25930	17380	8550	5700	36220	20860	27240	18260	8980	5990	37960	21860	28550	19140	9410	6280
		W	4380	1770	3300	2210	1090	730	4160	1680	3130	2100	1030	690	3940	1590	2960	1990	970	650
45	7.2	Q(Btu/h)	32230	18560	24240	16240	7990	5330	33990	19570	25560	17130	8430	5620	35750	20580	26880	18020	8870	5910
		W	4300	1730	3230	2170	1060	710	4080	1640	3070	2060	1010	670	3860	1550	2910	1950	960	630
43	6.1	Q(Btu/h)	31250	17990	23500	15760	7750	5160	33000	19000	24820	16640	8180	5450	34750	20010	26140	17520	8610	5740
		W	4210	1700	3160	2120	1040	700	4000	1610	3000	2010	990	660	3790	1520	2840	1900	940	620
40	4.4	Q(Btu/h)	29390	17200	22110	14820	7280	4860	31110	18200	23400	15680	7710	5140	32830	19200	24690	16540	8140	5420
		W	4110	1680	3090	2060	1010	670	3900	1590	2930	1960	960	640	3690	1500	2770	1860	910	610
35	1.7	Q(Btu/h)	27500	15830	20670	13860	6820	4550	29210	16820	21960	14720	7240	4830	30920	17810	23250	15580	7660	5110
		W	4000	1610	3000	2010	990	660	3800	1530	2850	1910	940	630	3600	1450	2700	1810	890	600
30	-1.1	Q(Btu/h)	27200	14570	20450	13710	6740	4490	29010	15540	21810	14620	7190	4790	30820	16510	23170	15530	7640	5090
		W	3930	1540	2960	1980	980	650	3730	1460	2810	1880	930	620	3530	1380	2660	1780	880	590
25	-3.9	Q(Btu/h)	26870	13300	20200	13540	6660	4440	28800	14250	21650	14510	7140	4760	30730	15200	23100	15480	7620	5080
		W	3850	1450	2900	1950	960	640	3650	1380	2750	1850	910	610	3450	1310	2600	1750	860	580
20	-6.7	Q(Btu/h)	25870	12020	19450	13040	6410	4270	27900	12970	20980	14060	6910	4610	29930	13920	22510	15080	7410	4950
		W	3880	1340	2920	1960	960	640	3680	1270	2770	1860	910	610	3480	1200	2620	1760	860	580
15	-9.4	Q(Btu/h)	24810	10740	18650	12500	6150	4100	27000	11690	20300	13600	6690	4460	29190	12640	21950	14700	7230	4820
		W	3900	1220	2930	1960	960	640	3700	1160	2780	1860	910	610	3500	1100	2630	1760	860	580
10	-12.2	Q(Btu/h)	22680	9400	17050	11430	5610	3750	25000	10360	18800	12600	6190	4130	27320	11320	20550	13770	6770	4510
		W	3600	1100	2710	1810	880	590	3420	1040	2570	1720	840	560	3240	980	2430	1630	800	530
5	-15.0	Q(Btu/h)	20480	8040	15410	10330	5090	3390	23000	9030	17300	11600	5710	3810	25520	10020	19190	12870	6330	4230
		W	3300	960	2480	1660	820	550	3130	910	2350	1580	780	520	2960	860	2220	1500	740	490
0	-17.8	Q(Btu/h)	18230	7870	13720	9190	4520	3010	21000	9070	15800	10590	5210	3470	23770	10270	17880	11990	5900	3930
		W	3120	1190	2350	1580	780	520	2960	1130	2230	1500	740	490	2800	1070	2110	1420	700	460
-4	-20.0	Q(Btu/h)	16040	7690	12080	8090	3980	2650	19000	9110	14300	9580	4710	3140	21960	10530	16520	11070	5440	3630
		W	2940	1410	2200	1470	730	480	2790	1340	2090	1400	690	460	2640	1270	1980	1330	650	440
-10	-23.3	Q(Btu/h)	14400	6910	10820	7260	3570	2380	18050	8660	13570	9100	4480	2990	21700	10410	16320	10940	5390	3600
		W	2790	1340	2110	1410	700	460	2650	1270	2000	1340	660	440	2510	1200	1890	1270	620	420
-13	-25.0	Q(Btu/h)	13130	6300	9870	6620	3260	2170	17100	8200	12850	8620	4240	2830	21070	10100	15830	10620	5220	3490
		W	2640	1260	1990	1340	660	440	2510	1200	1890	1270	630	420	2380	1140	1790	1200	600	400

* Above data is for heating operation without any frost.

MSZ-FS18NA
MUZ-FS18NAH
1) COOLING

Rated
Q(Btu/h): 17200
W: 1375

Indoor W.B.			71°F / 21.7°C						67°F / 19.4°C						63°F / 17.2°C					
Outdoor D.B.			Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.
(°F)	(°C)																			
115	46.1	Q(Btu/h)	18970	15820	14280	9590	4680	5820	17960	14710	13520	9090	4440	5510	16880	13420	12700	8540	4170	5180
		W	2620	1580	1970	1330	650	490	2460	1530	1850	1250	610	460	2350	1460	1770	1200	580	450
110	43.3	Q(Btu/h)	19800	16510	14910	10010	4890	6080	18750	15360	14120	9490	4640	5760	17620	14070	13270	8910	4360	5410
		W	2570	1550	1930	1300	630	480	2410	1500	1810	1220	590	450	2310	1430	1730	1170	560	440
105	40.6	Q(Btu/h)	20630	17200	15530	10410	5070	6340	19530	16000	14700	9870	4810	6000	18350	14710	13810	9270	4510	5640
		W	2500	1520	1880	1270	620	460	2350	1460	1770	1190	580	430	2250	1400	1690	1140	550	420
100	37.8	Q(Btu/h)	21410	17850	16120	10820	5270	6580	20270	16600	15260	10250	5000	6230	19050	15440	14340	9630	4690	5860
		W	2440	1480	1830	1230	610	440	2290	1420	1720	1160	570	420	2190	1360	1650	1110	550	410
95	35.0	Q(Btu/h)	22180	18490	16700	11210	5470	6810	21000	17200	15810	10620	5190	6450	19730	16170	14850	9970	4870	6060
		W	2360	1440	1780	1190	590	430	2220	1375	1670	1120	550	410	2120	1310	1600	1070	530	400
90	32.2	Q(Btu/h)	23070	19090	17360	11660	5700	7090	21840	17890	16440	11050	5400	6710	20520	16770	15440	10380	5070	6310
		W	2280	1390	1710	1150	560	420	2140	1320	1610	1080	530	400	2050	1270	1540	1030	510	390
85	29.4	Q(Btu/h)	23960	19690	18040	12110	5920	7360	22680	18580	17080	11480	5610	6970	21310	17370	16050	10780	5270	6550
		W	2180	1340	1650	1110	540	400	2050	1270	1550	1040	510	380	1960	1220	1480	1000	490	370
80	26.7	Q(Btu/h)	24840	20380	18700	12570	6140	7640	23520	19270	17710	11910	5820	7230	22100	18060	16640	11190	5460	6800
		W	2090	1280	1580	1050	510	380	1960	1220	1480	990	480	360	1880	1160	1420	950	460	350
75	23.9	Q(Btu/h)	25730	21070	19370	13010	6360	7900	24360	19950	18340	12330	6030	7480	22890	18750	17230	11580	5660	7030
		W	1980	1220	1490	1000	490	360	1860	1160	1400	940	460	340	1780	1100	1340	900	440	330
70	21.1	Q(Btu/h)	26620	21800	20050	13450	6570	8170	25200	20640	18980	12750	6230	7740	23680	19400	17830	11970	5850	7270
		W	1880	1160	1420	950	470	350	1770	1100	1330	890	440	330	1690	1040	1270	850	420	320
65	18.3	Q(Btu/h)	22740	18620	17120	11480	5600	5340	21530	17630	16210	10880	5310	5060	20230	16570	15230	10210	4990	4750
		W	1760	1090	1330	890	430	400	1660	1030	1250	830	400	380	1580	970	1190	790	380	370
60	15.6	Q(Btu/h)	22740	18620	17120	11480	5600	5340	21530	17630	16210	10880	5310	5060	20230	16570	15230	10210	4990	4750
		W	1760	1090	1330	890	430	400	1660	1030	1250	830	400	380	1580	970	1190	790	380	370
55	12.8	Q(Btu/h)	22740	18620	17120	11480	5600	5340	21530	17630	16210	10880	5310	5060	20230	16570	15230	10210	4990	4750
		W	1760	1090	1330	890	430	400	1660	1030	1250	830	400	380	1580	970	1190	790	380	370
50	10.0	Q(Btu/h)	22740	18620	17120	11480	5600	5340	21530	17630	16210	10880	5310	5060	20230	16570	15230	10210	4990	4750
		W	1760	1090	1330	890	430	400	1660	1030	1250	830	400	380	1580	970	1190	790	380	370
45	7.2	Q(Btu/h)	22740	18620	17120	11480	5600	5340	21530	17630	16210	10880	5310	5060	20230	16570	15230	10210	4990	4750
		W	1760	1090	1330	890	430	400	1660	1030	1250	830	400	380	1580	970	1190	790	380	370
40	4.4	Q(Btu/h)	22740	18620	17120	11480	5600	5340	21530	17630	16210	10880	5310	5060	20230	16570	15230	10210	4990	4750
		W	1760	1090	1330	890	430	400	1660	1030	1250	830	400	380	1580	970	1190	790	380	370
35	1.7	Q(Btu/h)	22740	18620	17120	11480	5600	5340	21530	17630	16210	10880	5310	5060	20230	16570	15230	10210	4990	4750
		W	1760	1090	1330	890	430	400	1660	1030	1250	830	400	380	1580	970	1190	790	380	370
30	-1.1	Q(Btu/h)	22740	18620	17120	11480	5600	5340	21530	17630	16210	10880	5310	5060	20230	16570	15230	10210	4990	4750
		W	1760	1090	1330	890	430	400	1660	1030	1250	830	400	380	1580	970	1190	790	380	370
25	-3.9	Q(Btu/h)	22740	18620	17120	11480	5600	5340	21530	17630	16210	10880	5310	5060	20230	16570	15230	10210	4990	4750
		W	1760	1090	1330	890	430	400	1660	1030	1250	830	400	380	1580	970	1190	790	380	370
20	-6.7	Q(Btu/h)	22740	18620	17120	11480	5600	5340	21530	17630	16210	10880	5310	5060	20230	16570	15230	10210	4990	4750
		W	1760	1090	1330	890	430	400	1660	1030	1250	830	400	380	1580	970	1190	790	380	370
15	-9.4	Q(Btu/h)	22740	18620	17120	11480	5600	5340	21530	17630	16210	10880	5310	5060	20230	16570	15230	10210	4990	4750
		W	1760	1090	1330	890	430	400	1660	1030	1250	830	400	380	1580	970	1190	790	380	370

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

MSZ-FS18NA
MUZ-FS18NAH
2) HEATING

Rated
Q(Btu/h): 19000
W: 1610

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)	41220	23730	31000	20780	10220	6810	42900	24700	32260	21630	10640	7090	44580	25670	33520	22480	11060	7370
		W	4550	1830	3420	2300	1140	760	4320	1740	3250	2180	1080	720	4090	1650	3080	2060	1020	680
60	15.6	Q(Btu/h)	38990	22450	29330	19660	9670	6450	40680	23420	30600	20510	10090	6730	42370	24390	31870	21360	10510	7010
		W	4510	1820	3400	2280	1120	750	4280	1730	3230	2160	1060	710	4050	1640	3060	2040	1000	670
55	12.8	Q(Btu/h)	36730	21150	27630	18520	9110	6080	38450	22140	28920	19390	9540	6360	40170	23130	30210	20260	9970	6640
		W	4470	1800	3360	2250	1110	740	4240	1710	3190	2140	1050	700	4010	1620	3020	2030	990	660
50	10.0	Q(Btu/h)	34480	19860	25930	17380	8550	5700	36220	20860	27240	18260	8980	5990	37960	21860	28550	19140	9410	6280
		W	4380	1770	3300	2210	1090	730	4160	1680	3130	2100	1030	690	3940	1590	2960	1990	970	650
45	7.2	Q(Btu/h)	32230	18560	24240	16240	7990	5330	33990	19570	25560	17130	8430	5620	35750	20580	26880	18020	8870	5910
		W	4300	1730	3230	2170	1060	710	4080	1640	3070	2060	1010	670	3860	1550	2910	1950	960	630
43	6.1	Q(Btu/h)	31250	17990	23500	15760	7750	5160	33000	19000	24820	16640	8180	5450	34750	20010	26140	17520	8610	5740
		W	4210	1700	3160	2120	1040	700	4000	1610	3000	2010	990	660	3790	1520	2840	1900	940	620
40	4.4	Q(Btu/h)	29390	17200	22110	14820	7280	4860	31110	18200	23400	15680	7710	5140	32830	19200	24690	16540	8140	5420
		W	4110	1680	3090	2060	1010	670	3900	1590	2930	1960	960	640	3690	1500	2770	1860	910	610
35	1.7	Q(Btu/h)	27500	15830	20670	13860	6820	4550	29210	16820	21960	14720	7240	4830	30920	17810	23250	15580	7660	5110
		W	4000	1610	3000	2010	990	660	3800	1530	2850	1910	940	630	3600	1450	2700	1810	890	600
30	-1.1	Q(Btu/h)	27200	14570	20450	13710	6740	4490	29010	15540	21810	14620	7190	4790	30820	16510	23170	15530	7640	5090
		W	4050	1660	3080	2100	1100	770	3850	1580	2930	2000	1050	740	3650	1500	2780	1900	1000	710
25	-3.9	Q(Btu/h)	26870	13300	20200	13540	6660	4440	28800	14250	21650	14510	7140	4760	30730	15200	23100	15480	7620	5080
		W	3970	1570	3020	2070	1080	760	3770	1500	2870	1970	1030	730	3570	1430	2720	1870	980	700
20	-6.7	Q(Btu/h)	25870	12020	19450	13040	6410	4270	27900	12970	20980	14060	6910	4610	29930	13920	22510	15080	7410	4950
		W	4000	1460	3040	2080	1080	760	3800	1390	2890	1980	1030	730	3600	1320	2740	1880	980	700
15	-9.4	Q(Btu/h)	24810	10740	18650	12500	6150	4100	27000	11690	20300	13600	6690	4460	29190	12640	21950	14700	7230	4820
		W	4020	1340	3050	2080	1080	760	3820	1280	2900	1980	1030	730	3620	1220	2750	1880	980	700
10	-12.2	Q(Btu/h)	22680	9400	17050	11430	5610	3750	25000	10360	18800	12600	6190	4130	27320	11320	20550	13770	6770	4510
		W	3720	1220	2830	1930	1000	710	3540	1160	2690	1840	960	680	3360	1100	2550	1750	920	650
5	-15.0	Q(Btu/h)	20480	8040	15410	10330	5090	3390	23000	9030	17300	11600	5710	3810	25520	10020	19190	12870	6330	4230
		W	3420	1080	2600	1780	940	670	3250	1030	2470	1700	900	640	3080	980	2340	1620	860	610
0	-17.8	Q(Btu/h)	18230	7870	13720	9190	4520	3010	21000	9070	15800	10590	5210	3470	23770	10270	17880	11990	5900	3930
		W	3240	1310	2470	1700	900	640	3080	1250	2350	1620	860	610	2920	1190	2230	1540	820	580
-4	-20.0	Q(Btu/h)	16040	7690	12080	8090	3980	2650	19000	9110	14300	9580	4710	3140	21960	10530	16520	11070	5440	3630
		W	3060	1530	2320	1590	850	600	2910	1460	2210	1520	810	580	2760	1390	2100	1450	770	560
-10	-23.3	Q(Btu/h)	14400	6910	10820	7260	3570	2380	18050	8660	13570	9100	4480	2990	21700	10410	16320	10940	5390	3600
		W	2910	1460	2230	1530	820	580	2770	1390	2120	1460	780	560	2630	1320	2010	1390	740	540
-13	-25.0	Q(Btu/h)	13130	6300	9870	6620	3260	2170	17100	8200	12850	8620	4240	2830	21070	10100	15830	10620	5220	3490
		W	2760	1380	2110	1460	780	560	2630	1320	2010	1390	750	540	2500	1260	1910	1320	720	520

* Above data is for heating operation without any frost.

MITSUBISHI ELECTRIC CORPORATION

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Specifications are subject to change without notice.