

Revision A:

- MUZ-GL09/12/15NA(H)-U2 and MUY-GL09/12/15NA-U2 have been added.

OBD733 is void.

OUTDOOR UNIT

TECHNICAL DATA


**No. OBD733
REVISED EDITION-A**

Models

MUZ-GL09NA · U1, U2, U8
MUZ-GL12NA · U1, U2
MUZ-GL15NA · U1, U2
MUZ-GL18NA · U1
MUZ-GL24NA · U1, U2
MUZ-GL09NAH · U1, U2, U8
MUZ-GL12NAH · U1, U2
MUZ-GL15NAH · U1, U2
MUZ-GL18NAH · U1
MUZ-GL24NAH · U1
MUY-GL09NA · U1, U2
MUY-GL12NA · U1, U2
MUY-GL15NA · U1, U2
MUY-GL18NA · U1
MUY-GL24NA · U1

Indoor unit technical data

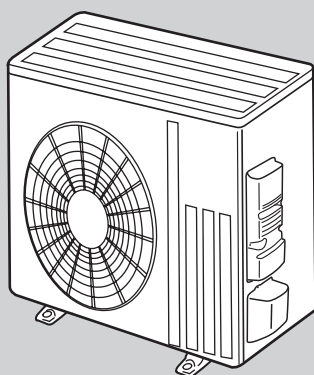
MSZ-GL•NA, MSY-GL•NA Series (OBD732 in M-E0764)

Indoor unit service manual

MSZ-GL•NA, MSY-GL•NA Series (OBH732)

Outdoor unit service manual

MUZ-GL•NA(H), MUY-GL•NA Series (OBH733)


**MUZ-GL18/24NA
MUZ-GL18/24NAH
MUY-GL18/24NA**

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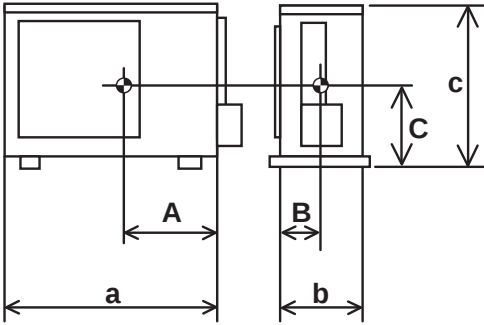
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Revision A:

- MUZ-GL09/12/15NA(H)-U2 and
MUY-GL09/12/15NA-U2 have been added.

1**POSITION OF THE CENTER OF GRAVITY**

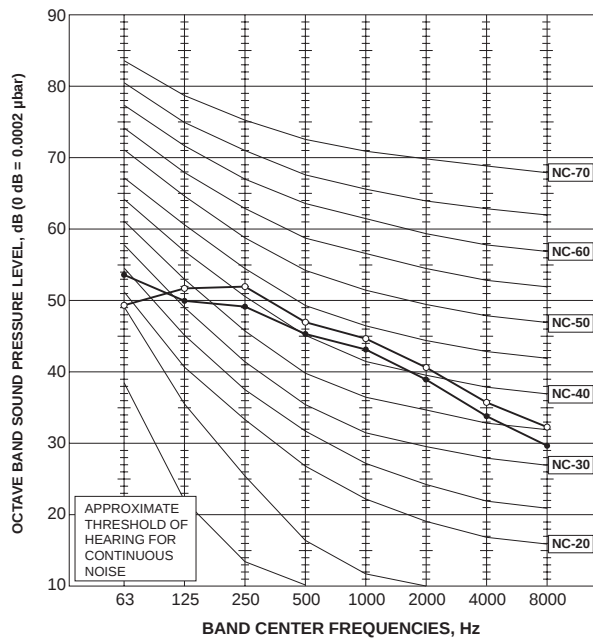
Unit: inch(mm)



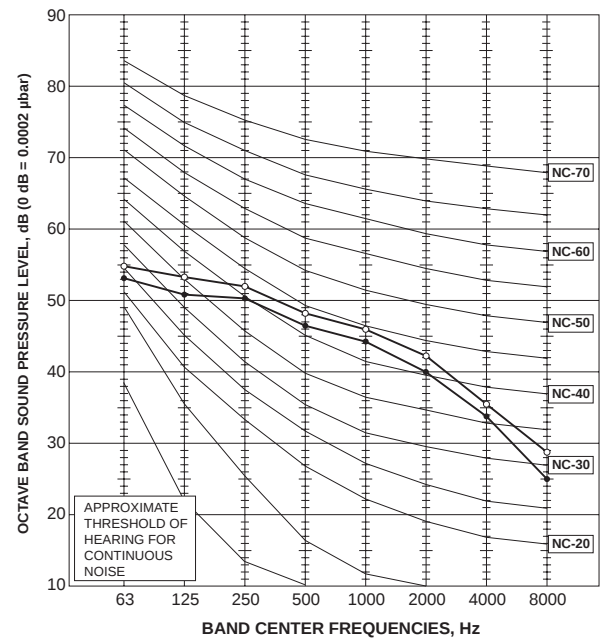
Model name	A	B	C	a	b	c
MUZ-GL09NA MUZ-GL12NA MUZ-GL15NA MUZ-GL09NAH MUZ-GL12NAH MUZ-GL15NAH MUY-GL09NA MUY-GL12NA MUY-GL15NA	11-1/16 (280)	5-9/16 (140)	9-1/2 (240)	31-1/2 (800)	11-1/4 (285)	21-5/8 (550)
MUZ-GL18NA MUZ-GL24NA MUZ-GL18NAH MUZ-GL24NAH MUY-GL18NA MUY-GL24NA	12-5/8 (320)	6-7/16 (163)	15-3/4 (400)	33-2/16 (840)	13 (330)	34-11/16 (880)

MUZ-GL09NA
MUZ-GL09NAH

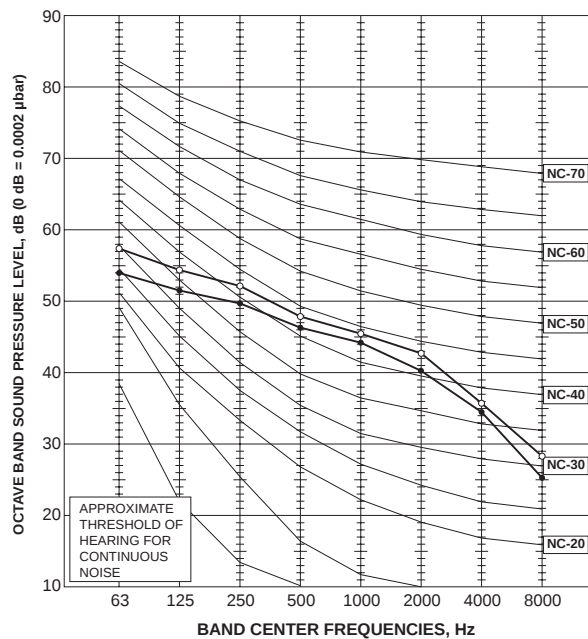
NOTCH	SPL(dB(A))	LINE
COOLING	48	●—●
HEATING	50	○—○


MUZ-GL12NA
MUZ-GL12NAH

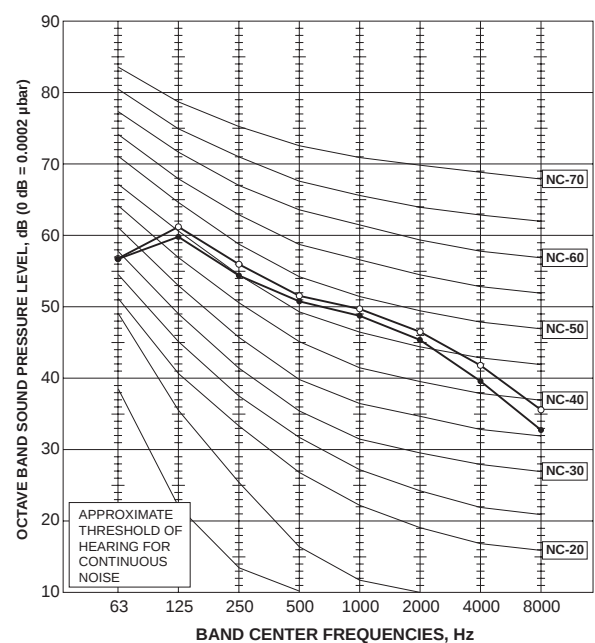
NOTCH	SPL(dB(A))	LINE
COOLING	49	●—●
HEATING	51	○—○


MUZ-GL15NA
MUZ-GL15NAH

NOTCH	SPL(dB(A))	LINE
COOLING	49	●—●
HEATING	51	○—○

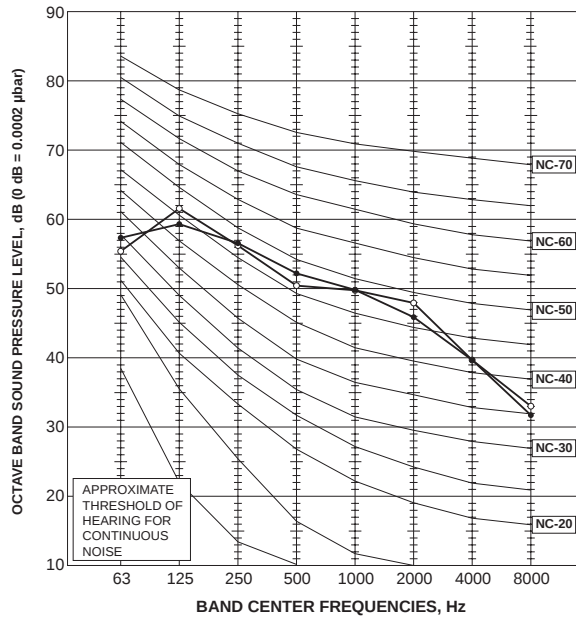

MUZ-GL18NA
MUZ-GL18NAH

NOTCH	SPL(dB(A))	LINE
COOLING	54	●—●
HEATING	55	○—○



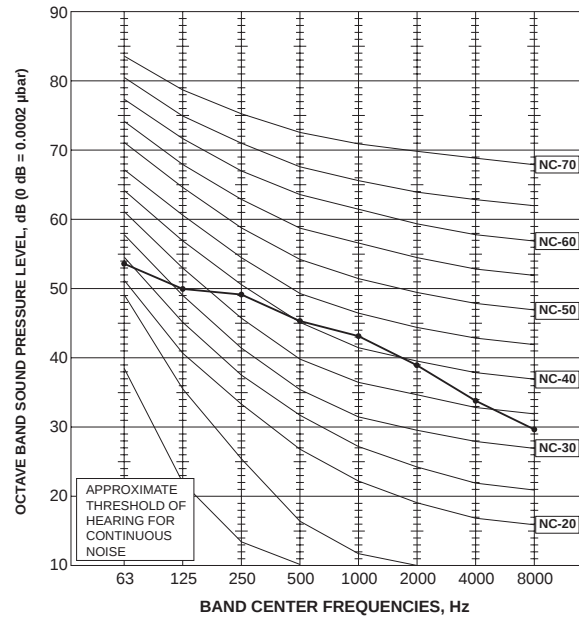
MUZ-GL24NA MUZ-GL24NAH

NOTCH	SPL(dB(A))	LINE
COOLING	55	
HEATING	55	



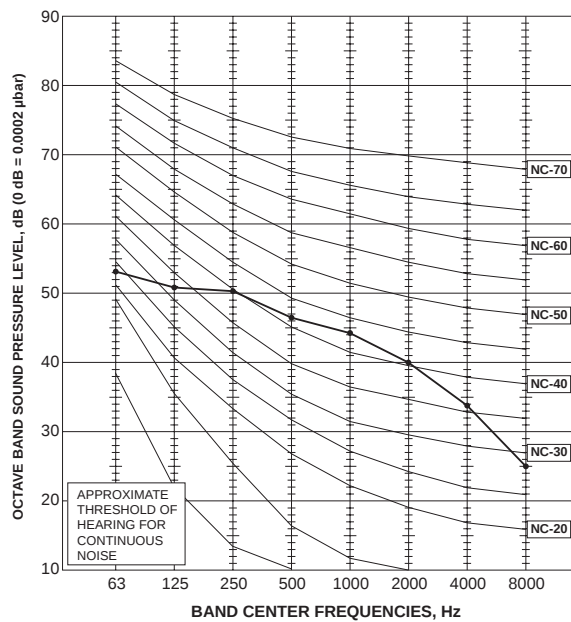
MUY-GL09NA

NOTCH	SPL(dB(A))	LINE
COOLING	48	
HEATING	—	



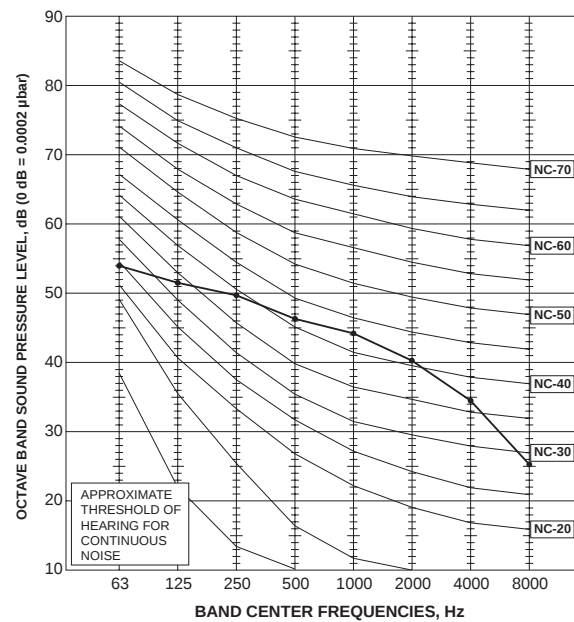
MUY-GL12NA

NOTCH	SPL(dB(A))	LINE
COOLING	49	
HEATING	—	



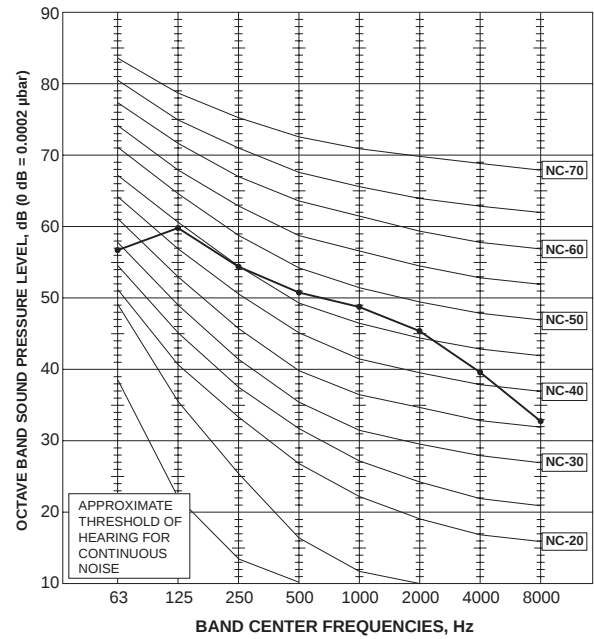
MUY-GL15NA

NOTCH	SPL(dB(A))	LINE
COOLING	49	
HEATING	—	



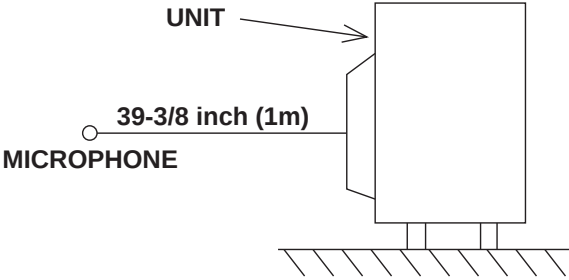
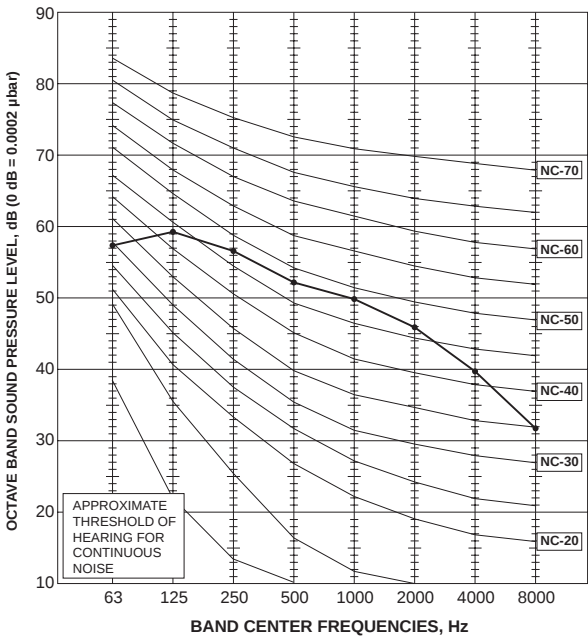
MUY-GL18NA

NOTCH	SPL(dB(A))	LINE
COOLING	54	●—●
HEATING	—	○—○

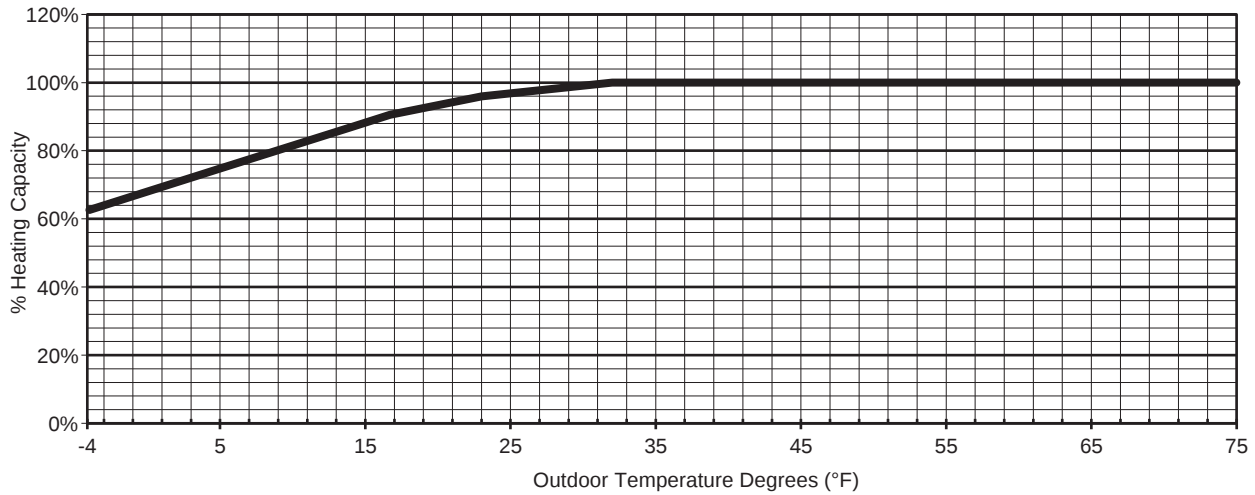


MUY-GL24NA

NOTCH	SPL(dB(A))	LINE
COOLING	55	●—●
HEATING	—	○—○



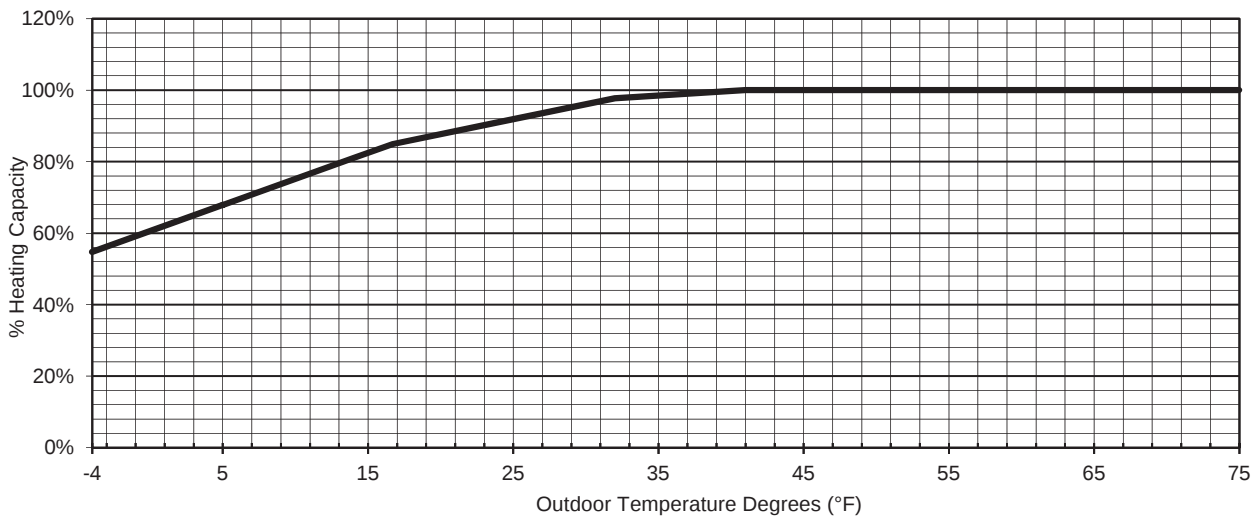
MUZ-GL09NA MUZ-GL09NAH



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	63%	75%	87%	96%	100%	100%	100%	100%	100%

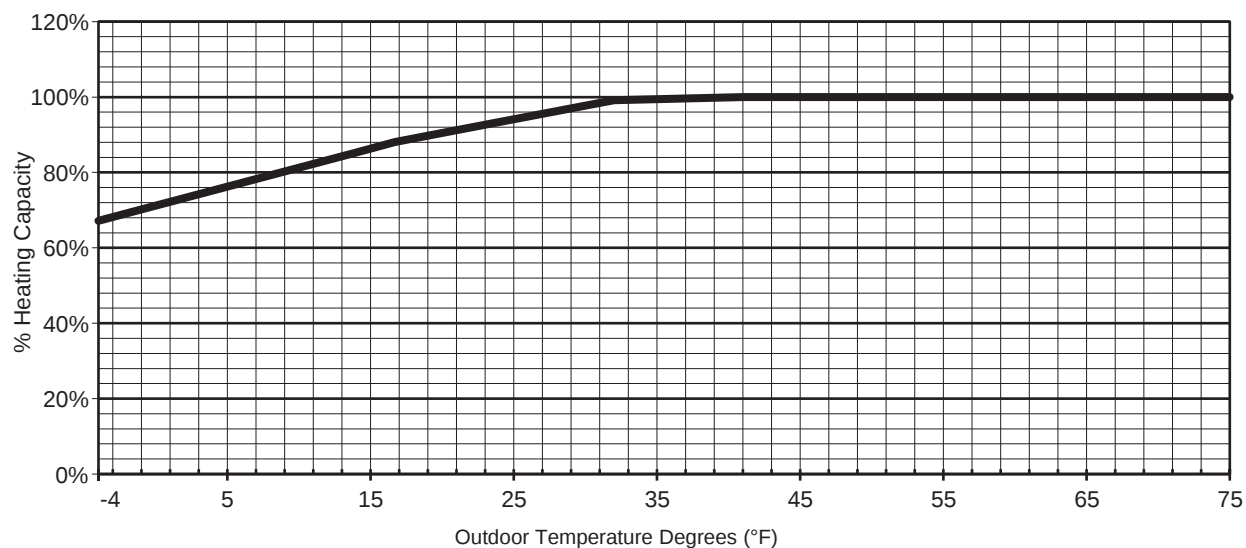
MUZ-GL12NA MUZ-GL12NAH



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	55%	68%	81%	90%	98%	100%	100%	100%	100%

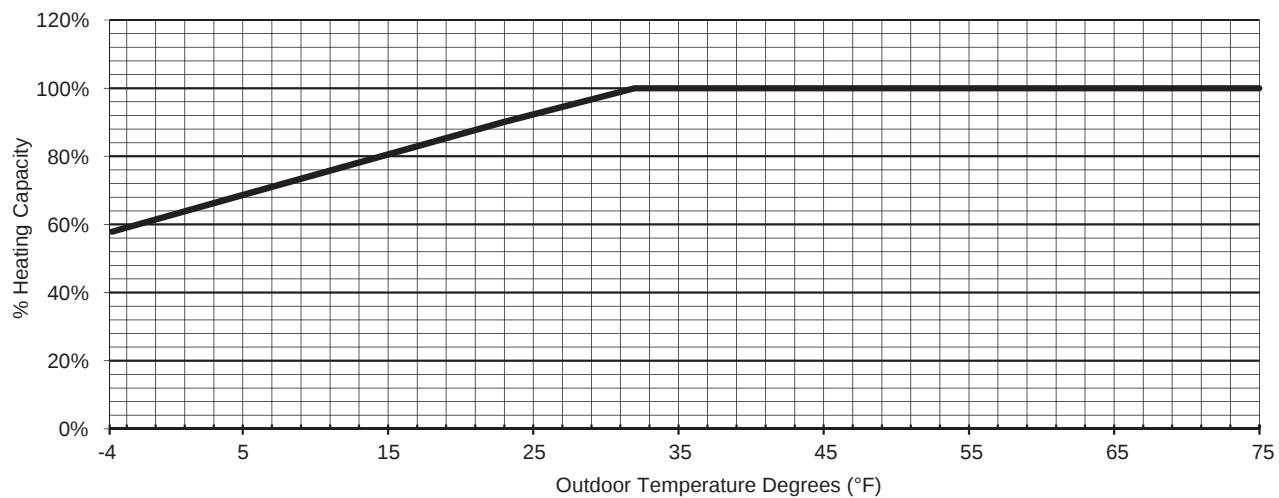
MUZ-GL15NA MUZ-GL15NAH



HEATING CAPACITY

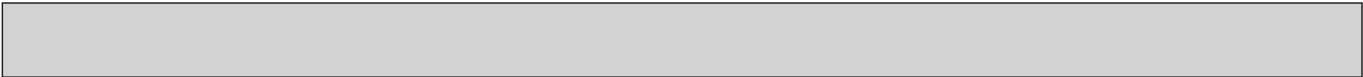
Outdoor Temperature Degrees (°F)	-13.0	-4.0	5.0	14.0	23.0	32.0	41.0	50.0	69.8	75.0
% Heating Capacity	58%	67%	76%	85%	93%	99%	100%	100%	100%	100%

MUZ-GL18NA MUZ-GL18NAH

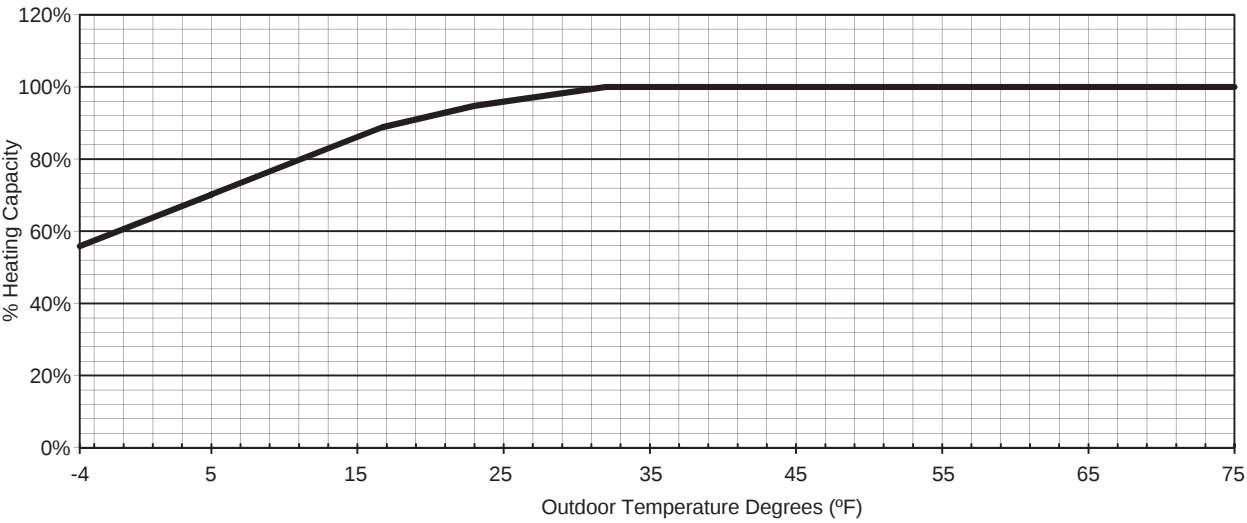


HEATING CAPACITY

Outdoor Temperature Degrees (°F)	-4.0	5.0	14.0	23.0	32.0	41.0	50.0	69.8	75.0
% Heating Capacity	58%	69%	79%	90%	100%	100%	100%	100%	100%



MUZ-GL24NA MUZ-GL24NAH



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	56%	70%	85%	95%	100%	100%	100%	100%	100%

INVERTER
COOLING CAPACITY
MUZ-GL09NA MUZ-GL09NAH MUY-GL09NA

CAPACITY (Btu/h): 9000 INPUT (W): 585 SHF: 0.82

INDOOR DB (°F)	INDOOR WB (°F)	OUTDOOR DB (°F)															
		70				77				81				86			
		CA	SHC	SHF	P.C.	CA	SHC	SHF	P.C.	CA	SHC	SHF	P.C.	CA	SHC	SHF	P.C.
70	64	10575	6768	0.64	468	10125	6480	0.64	491	9720	6221	0.64	515	9360	5990	0.64	538
70	68	11025	5733	0.52	491	10575	5499	0.52	521	10260	5335	0.52	532	9900	5148	0.52	556
72	64	10575	7191	0.68	468	10125	6885	0.68	491	9720	6610	0.68	515	9360	6365	0.68	538
72	68	11025	6174	0.56	491	10575	5922	0.56	521	10260	5746	0.56	532	9900	5544	0.56	556
72	72	11475	5049	0.44	509	11070	4871	0.44	541	10800	4752	0.44	556	10350	4554	0.44	579
73	64	10575	7614	0.72	468	10125	7290	0.72	491	9720	6998	0.72	515	9360	6739	0.72	538
73	68	11025	6615	0.60	491	10575	6345	0.60	521	10260	6156	0.60	532	9900	5940	0.60	556
73	72	11475	5508	0.48	509	11070	5314	0.48	541	10800	5184	0.48	556	10350	4968	0.48	579
75	64	10575	8037	0.76	468	10125	7695	0.76	491	9720	7387	0.76	515	9360	7114	0.76	538
75	68	11025	7056	0.64	491	10575	6768	0.64	521	10260	6566	0.64	532	9900	6336	0.64	556
75	72	11475	5967	0.52	509	11070	5756	0.52	541	10800	5616	0.52	556	10350	5382	0.52	579
75	75	12060	4824	0.40	532	11610	4644	0.40	562	11340	4536	0.40	579	10980	4392	0.40	608
77	64	10575	8460	0.80	468	10125	8100	0.80	491	9720	7776	0.80	515	9360	7488	0.80	538
77	68	11025	7497	0.68	491	10575	7191	0.68	521	10260	6977	0.68	532	9900	6732	0.68	556
77	72	11475	6426	0.56	509	11070	6199	0.56	541	10800	6048	0.56	556	10350	5796	0.56	579
77	75	12060	5306	0.44	532	11610	5108	0.44	562	11340	4990	0.44	579	10980	4831	0.44	608
79	64	10575	8883	0.84	468	10125	8505	0.84	491	9720	8165	0.84	515	9360	7862	0.84	538
79	68	11025	7938	0.72	491	10575	7614	0.72	521	10260	7387	0.72	532	9900	7128	0.72	556
79	72	11475	6885	0.60	509	11070	6642	0.60	541	10800	6480	0.60	556	10350	6210	0.60	579
79	75	12060	5789	0.48	532	11610	5573	0.48	562	11340	5443	0.48	579	10980	5270	0.48	608
79	79	12420	4471	0.36	562	12060	4342	0.36	591	11880	4277	0.36	608	11520	4147	0.36	626
81	64	10575	9306	0.88	468	10125	8910	0.88	491	9720	8554	0.88	515	9360	8237	0.88	538
81	68	11025	8379	0.76	491	10575	8037	0.76	521	10260	7798	0.76	532	9900	7524	0.76	556
81	72	11475	7344	0.64	509	11070	7085	0.64	541	10800	6912	0.64	556	10350	6624	0.64	579
81	75	12060	6271	0.52	532	11610	6037	0.52	562	11340	5897	0.52	579	10980	5710	0.52	608
81	79	12420	4968	0.40	562	12060	4824	0.40	591	11880	4752	0.40	608	11520	4608	0.40	626
82	64	10575	9729	0.92	468	10125	9315	0.92	491	9720	8942	0.92	515	9360	8611	0.92	538
82	68	11025	8820	0.80	491	10575	8460	0.80	521	10260	8208	0.80	532	9900	7920	0.80	556
82	72	11475	7803	0.68	509	11070	7528	0.68	541	10800	7344	0.68	556	10350	7038	0.68	579
82	75	12060	6754	0.56	532	11610	6502	0.56	562	11340	6350	0.56	579	10980	6149	0.56	608
82	79	12420	5465	0.44	562	12060	5306	0.44	591	11880	5227	0.44	608	11520	5069	0.44	626
84	64	10575	10152	0.96	468	10125	9720	0.96	491	9720	9331	0.96	515	9360	8986	0.96	538
84	68	11025	9261	0.84	491	10575	8883	0.84	521	10260	8618	0.84	532	9900	8316	0.84	556
84	72	11475	8262	0.72	509	11070	7970	0.72	541	10800	7776	0.72	556	10350	7452	0.72	579
84	75	12060	7236	0.60	532	11610	6966	0.60	562	11340	6804	0.60	579	10980	6588	0.60	608
84	79	12420	5962	0.48	562	12060	5789	0.48	591	11880	5702	0.48	608	11520	5530	0.48	626
86	64	10575	10575	1.00	468	10125	10125	1.00	491	9720	9720	1.00	515	9360	9360	1.00	538
86	68	11025	9702	0.88	491	10575	9306	0.88	521	10260	9029	0.88	532	9900	8712	0.88	556
86	72	11475	8721	0.76	509	11070	8413	0.76	541	10800	8208	0.76	556	10350	7866	0.76	579
86	75	12060	7718	0.64	532	11610	7430	0.64	562	11340	7258	0.64	579	10980	7027	0.64	608
86	79	12420	6458	0.52	562	12060	6271	0.52	591	11880	6178	0.52	608	11520	5990	0.52	626
88	64	10575	10575	1.00	468	10125	10125	1.00	491	9720	9720	1.00	515	9360	9360	1.00	538
88	68	11025	10143	0.92	491	10575	9729	0.92	521	10260	9439	0.92	532	9900	9108	0.92	556
88	72	11475	9180	0.80	509	11070	8856	0.80	541	10800	8640	0.80	556	10350	8280	0.80	579
88	75	12060	8201	0.68	532	11610	7895	0.68	562	11340	7711	0.68	579	10980	7466	0.68	608
88	79	12420	6955	0.56	562	12060	6754	0.56	591	11880	6653	0.56	608	11520	6451	0.56	626
90	64	10575	10575	1.00	468	10125	10125	1.00	491	9720	9720	1.00	515	9360	9360	1.00	538
90	68	11025	10584	0.96	491	10575	10152	0.96	521	10260	9850	0.96	532	9900	9504	0.96	556
90	72	11475	9639	0.84	509	11070	9299	0.84	541	10800	9072	0.84	556	10350	8694	0.84	579
90	75	12060	8683	0.72	532	11610	8359	0.72	562	11340	8165	0.72	579	10980	7906	0.72	608
90	79	12420	7452	0.60	562	12060	7236	0.60	591	11880	7128	0.60	608	11520	6912	0.60	626

NOTE CA: Capacity(Btu/h) SHF: Sensible heat factor DB: Dry-bulb temperature
 SHC: Sensible heat capacity (Btu/h) P.C. : Power consumption (W) WB: Wet-bulb temperature

MUZ-GL09NA MUZ-GL09NAH MUY-GL09NA

CAPACITY (Btu/h): 9000 INPUT (W): 585 SHF: 0.82

INDOOR DB (°F)	INDOOR WB (°F)	OUTDOOR DB (°F)											
		95				104				115			
		CA	SHC	SHF	P.C.	CA	SHC	SHF	P.C.	CA	SHC	SHF	P.C.
70	64	8820	5645	0.64	573	8100	5184	0.64	608	7470	4781	0.64	632
70	68	9270	4820	0.52	597	8640	4493	0.52	626	8010	4165	0.52	661
72	64	8820	5998	0.68	573	8100	5508	0.68	608	7470	5080	0.68	632
72	68	9270	5191	0.56	597	8640	4838	0.56	626	8010	4486	0.56	661
72	72	9810	4316	0.44	620	9180	4039	0.44	655	8550	3762	0.44	679
73	64	8820	6350	0.72	573	8100	5832	0.72	608	7470	5378	0.72	632
73	68	9270	5562	0.60	597	8640	5184	0.60	626	8010	4806	0.60	661
73	72	9810	4709	0.48	620	9180	4406	0.48	655	8550	4104	0.48	679
75	64	8820	6703	0.76	573	8100	6156	0.76	608	7470	5677	0.76	632
75	68	9270	5933	0.64	597	8640	5530	0.64	626	8010	5126	0.64	661
75	72	9810	5101	0.52	620	9180	4774	0.52	655	8550	4446	0.52	679
75	75	10350	4140	0.40	644	9720	3888	0.40	673	9180	3672	0.40	702
77	64	8820	7056	0.80	573	8100	6480	0.80	608	7470	5976	0.8	632
77	68	9270	6304	0.68	597	8640	5875	0.68	626	8010	5447	0.68	661
77	72	9810	5494	0.56	620	9180	5141	0.56	655	8550	4788	0.56	679
77	75	10350	4554	0.44	644	9720	4277	0.44	673	9180	4039	0.44	702
79	64	8820	7409	0.84	573	8100	6804	0.84	608	7470	6275	0.84	632
79	68	9270	6674	0.72	597	8640	6221	0.72	626	8010	5767	0.72	661
79	72	9810	5886	0.60	620	9180	5508	0.60	655	8550	5130	0.60	679
79	75	10350	4968	0.48	644	9720	4666	0.48	673	9180	4406	0.48	702
79	79	10890	3920	0.36	667	10260	3694	0.36	696	9630	3467	0.36	725
81	64	8820	7762	0.88	573	8100	7128	0.88	608	7470	6574	0.88	632
81	68	9270	7045	0.76	597	8640	6566	0.76	626	8010	6088	0.76	661
81	72	9810	6278	0.64	620	9180	5875	0.64	655	8550	5472	0.64	679
81	75	10350	5382	0.52	644	9720	5054	0.52	673	9180	4774	0.52	702
81	79	10890	4356	0.40	667	10260	4104	0.40	696	9630	3852	0.40	725
82	64	8820	8114	0.92	573	8100	7452	0.92	608	7470	6872	0.92	632
82	68	9270	7416	0.80	597	8640	6912	0.80	626	8010	6408	0.80	661
82	72	9810	6671	0.68	620	9180	6242	0.68	655	8550	5814	0.68	679
82	75	10350	5796	0.56	644	9720	5443	0.56	673	9180	5141	0.56	702
82	79	10890	4792	0.44	667	10260	4514	0.44	696	9630	4237	0.44	725
84	64	8820	8467	0.96	573	8100	7776	0.96	608	7470	7171	0.96	632
84	68	9270	7787	0.84	597	8640	7258	0.84	626	8010	6728	0.84	661
84	72	9810	7063	0.72	620	9180	6610	0.72	655	8550	6156	0.72	679
84	75	10350	6210	0.60	644	9720	5832	0.60	673	9180	5508	0.60	702
84	79	10890	5227	0.48	667	10260	4925	0.48	696	9630	4622	0.48	725
86	64	8820	8820	1.00	573	8100	8100	1.00	608	7470	7470	1.00	632
86	68	9270	8158	0.88	597	8640	7603	0.88	626	8010	7049	0.88	661
86	72	9810	7456	0.76	620	9180	6977	0.76	655	8550	6498	0.76	679
86	75	10350	6624	0.64	644	9720	6221	0.64	673	9180	5875	0.64	702
86	79	10890	5663	0.52	667	10260	5335	0.52	696	9630	5008	0.52	725
88	64	8820	8820	1.00	573	8100	8100	1.00	608	7470	7470	1.00	632
88	68	9270	8528	0.92	597	8640	7949	0.92	626	8010	7369	0.92	661
88	72	9810	7848	0.80	620	9180	7344	0.80	655	8550	6840	0.80	679
88	75	10350	7038	0.68	644	9720	6610	0.68	673	9180	6242	0.68	702
88	79	10890	6098	0.56	667	10260	5746	0.56	696	9630	5393	0.56	725
90	64	8820	8820	1.00	573	8100	8100	1.00	608	7470	7470	1.00	632
90	68	9270	8899	0.96	597	8640	8294	0.96	626	8010	7690	0.96	661
90	72	9810	8240	0.84	620	9180	7711	0.84	655	8550	7182	0.84	679
90	75	10350	7452	0.72	644	9720	6998	0.72	673	9180	6610	0.72	702
90	79	10890	6534	0.60	667	10260	6156	0.60	696	9630	5778	0.60	725

NOTE CA: Capacity (Btu/h) SHF: Sensible heat factor DB: Dry-bulb temperature
SHC: Sensible heat capacity (Btu/h) P.C. : Power consumption (W) WB: Wet-bulb temperature

MUZ-GL12NA MUZ-GL12NAH MUY-GL12NA

CAPACITY (Btu/h): 12000 INPUT (W): 920 SHF: 0.77

INDOOR DB (°F)	INDOOR WB (°F)	OUTDOOR DB (°F)															
		70				77				81				86			
		CA	SHC	SHF	P.C.	CA	SHC	SHF	P.C.	CA	SHC	SHF	P.C.	CA	SHC	SHF	P.C.
70	64	14100	8319	0.59	736	13500	7965	0.59	773	12960	7646	0.59	810	12480	7363	0.59	846
70	68	14700	6909	0.47	773	14100	6627	0.47	819	13680	6430	0.47	837	13200	6204	0.47	874
72	64	14100	8883	0.63	736	13500	8505	0.63	773	12960	8165	0.63	810	12480	7862	0.63	846
72	68	14700	7497	0.51	773	14100	7191	0.51	819	13680	6977	0.51	837	13200	6732	0.51	874
72	72	15300	5967	0.39	800	14760	5756	0.39	851	14400	5616	0.39	874	13800	5382	0.39	911
73	64	14100	9447	0.67	736	13500	9045	0.67	773	12960	8683	0.67	810	12480	8362	0.67	846
73	68	14700	8085	0.55	773	14100	7755	0.55	819	13680	7524	0.55	837	13200	7260	0.55	874
73	72	15300	6579	0.43	800	14760	6347	0.43	851	14400	6192	0.43	874	13800	5934	0.43	911
75	64	14100	10011	0.71	736	13500	9585	0.71	773	12960	9202	0.71	810	12480	8861	0.71	846
75	68	14700	8673	0.59	773	14100	8319	0.59	819	13680	8071	0.59	837	13200	7788	0.59	874
75	72	15300	7191	0.47	800	14760	6937	0.47	851	14400	6768	0.47	874	13800	6486	0.47	911
75	75	16080	5628	0.35	837	15480	5418	0.35	883	15120	5292	0.35	911	14640	5124	0.35	957
77	64	14100	10575	0.75	736	13500	10125	0.75	773	12960	9720	0.75	810	12480	9360	0.75	846
77	68	14700	9261	0.63	773	14100	8883	0.63	819	13680	8618	0.63	837	13200	8316	0.63	874
77	72	15300	7803	0.51	800	14760	7528	0.51	851	14400	7344	0.51	874	13800	7038	0.51	911
77	75	16080	6271	0.39	837	15480	6037	0.39	883	15120	5897	0.39	911	14640	5710	0.39	957
79	64	14100	11139	0.79	736	13500	10665	0.79	773	12960	10238	0.79	810	12480	9859	0.79	846
79	68	14700	9849	0.67	773	14100	9447	0.67	819	13680	9166	0.67	837	13200	8844	0.67	874
79	72	15300	8415	0.55	800	14760	8118	0.55	851	14400	7920	0.55	874	13800	7590	0.55	911
79	75	16080	6914	0.43	837	15480	6656	0.43	883	15120	6502	0.43	911	14640	6295	0.43	957
79	79	16560	5134	0.31	883	16080	4985	0.31	929	15840	4910	0.31	957	15360	4762	0.31	984
81	64	14100	11703	0.83	736	13500	11205	0.83	773	12960	10757	0.83	810	12480	10358	0.83	846
81	68	14700	10437	0.71	773	14100	10011	0.71	819	13680	9713	0.71	837	13200	9372	0.71	874
81	72	15300	9027	0.59	800	14760	8708	0.59	851	14400	8496	0.59	874	13800	8142	0.59	911
81	75	16080	7558	0.47	837	15480	7276	0.47	883	15120	7106	0.47	911	14640	6881	0.47	957
81	79	16560	5796	0.35	883	16080	5628	0.35	929	15840	5544	0.35	957	15360	5376	0.35	984
82	64	14100	12267	0.87	736	13500	11745	0.87	773	12960	11275	0.87	810	12480	10858	0.87	846
82	68	14700	11025	0.75	773	14100	10575	0.75	819	13680	10260	0.75	837	13200	9900	0.75	874
82	72	15300	9639	0.63	800	14760	9299	0.63	851	14400	9072	0.63	874	13800	8694	0.63	911
82	75	16080	8201	0.51	837	15480	7895	0.51	883	15120	7711	0.51	911	14640	7466	0.51	957
82	79	16560	6458	0.39	883	16080	6271	0.39	929	15840	6178	0.39	957	15360	5990	0.39	984
84	64	14100	12831	0.91	736	13500	12285	0.91	773	12960	11794	0.91	810	12480	11357	0.91	846
84	68	14700	11613	0.79	773	14100	11139	0.79	819	13680	10807	0.79	837	13200	10428	0.79	874
84	72	15300	10251	0.67	800	14760	9889	0.67	851	14400	9648	0.67	874	13800	9246	0.67	911
84	75	16080	8844	0.55	837	15480	8514	0.55	883	15120	8316	0.55	911	14640	8052	0.55	957
84	79	16560	7121	0.43	883	16080	6914	0.43	929	15840	6811	0.43	957	15360	6605	0.43	984
86	64	14100	13395	0.95	736	13500	12825	0.95	773	12960	12312	0.95	810	12480	11856	0.95	846
86	68	14700	12201	0.83	773	14100	11703	0.83	819	13680	11354	0.83	837	13200	10956	0.83	874
86	72	15300	10863	0.71	800	14760	10480	0.71	851	14400	10224	0.71	874	13800	9798	0.71	911
86	75	16080	9487	0.59	837	15480	9133	0.59	883	15120	8921	0.59	911	14640	8638	0.59	957
86	79	16560	7783	0.47	883	16080	7558	0.47	929	15840	7445	0.47	957	15360	7219	0.47	984
88	64	14100	13959	0.99	736	13500	13365	0.99	773	12960	12830	0.99	810	12480	12355	0.99	846
88	68	14700	12789	0.87	773	14100	12267	0.87	819	13680	11902	0.87	837	13200	11484	0.87	874
88	72	15300	11475	0.75	800	14760	11070	0.75	851	14400	10800	0.75	874	13800	10350	0.75	911
88	75	16080	10130	0.63	837	15480	9752	0.63	883	15120	9526	0.63	911	14640	9223	0.63	957
88	79	16560	8446	0.51	883	16080	8201	0.51	929	15840	8078	0.51	957	15360	7834	0.51	984
90	64	14100	14100	1.00	736	13500	13500	1.00	773	12960	12960	1.00	810	12480	12480	1.00	846
90	68	14700	13377	0.91	773	14100	12831	0.91	819	13680	12449	0.91	837	13200	12012	0.91	874
90	72	15300	12087	0.79	800	14760	11660	0.79	851	14400	11376	0.79	874	13800	10902	0.79	911
90	75	16080	10774	0.67	837	15480	10372	0.67	883	15120	10130	0.67	911	14640	9809	0.67	957
90	79	16560	9108	0.55	883	16080	8844	0.55	929	15840	8712	0.55	957	15360	8448	0.55	984

NOTE CA: Capacity (Btu/h)

SHF: Sensible heat factor

DB: Dry-bulb temperature

SHC: Sensible heat capacity (Btu/h)

P.C. : Power consumption (W)

WB: Wet-bulb temperature

MUZ-GL12NA MUZ-GL12NAH MUY-GL12NA

CAPACITY (Btu/h): 12000 INPUT (W): 920 SHF: 0.77

INDOOR DB (°F)	INDOOR WB (°F)	OUTDOOR DB (°F)											
		95				104				115			
		CA	SHC	SHF	P.C.	CA	SHC	SHF	P.C.	CA	SHC	SHF	P.C.
70	64	11760	6938	0.59	902	10800	6372	0.59	957	9960	5876	0.59	994
70	68	12360	5809	0.47	938	11520	5414	0.47	984	10680	5020	0.47	1040
72	64	11760	7409	0.63	902	10800	6804	0.63	957	9960	6275	0.63	994
72	68	12360	6304	0.51	938	11520	5875	0.51	984	10680	5447	0.51	1040
72	72	13080	5101	0.39	975	12240	4774	0.39	1030	11400	4446	0.39	1067
73	64	11760	7879	0.67	902	10800	7236	0.67	957	9960	6673	0.67	994
73	68	12360	6798	0.55	938	11520	6336	0.55	984	10680	5874	0.55	1040
73	72	13080	5624	0.43	975	12240	5263	0.43	1030	11400	4902	0.43	1067
75	64	11760	8350	0.71	902	10800	7668	0.71	957	9960	7072	0.71	994
75	68	12360	7292	0.59	938	11520	6797	0.59	984	10680	6301	0.59	1040
75	72	13080	6148	0.47	975	12240	5753	0.47	1030	11400	5358	0.47	1067
75	75	13800	4830	0.35	1012	12960	4536	0.35	1058	12240	4284	0.35	1104
77	64	11760	8820	0.75	902	10800	8100	0.75	957	9960	7470	0.75	994
77	68	12360	7787	0.63	938	11520	7258	0.63	984	10680	6728	0.63	1040
77	72	13080	6671	0.51	975	12240	6242	0.51	1030	11400	5814	0.51	1067
77	75	13800	5382	0.39	1012	12960	5054	0.39	1058	12240	4774	0.39	1104
79	64	11760	9290	0.79	902	10800	8532	0.79	957	9960	7868	0.79	994
79	68	12360	8281	0.67	938	11520	7718	0.67	984	10680	7156	0.67	1040
79	72	13080	7194	0.55	975	12240	6732	0.55	1030	11400	6270	0.55	1067
79	75	13800	5934	0.43	1012	12960	5573	0.43	1058	12240	5263	0.43	1104
79	79	14520	4501	0.31	1049	13680	4241	0.31	1095	12840	3980	0.31	1141
81	64	11760	9761	0.83	902	10800	8964	0.83	957	9960	8267	0.83	994
81	68	12360	8776	0.71	938	11520	8179	0.71	984	10680	7583	0.71	1040
81	72	13080	7717	0.59	975	12240	7222	0.59	1030	11400	6726	0.59	1067
81	75	13800	6486	0.47	1012	12960	6091	0.47	1058	12240	5753	0.47	1104
81	79	14520	5082	0.35	1049	13680	4788	0.35	1095	12840	4494	0.35	1141
82	64	11760	10231	0.87	902	10800	9396	0.87	957	9960	8665	0.87	994
82	68	12360	9270	0.75	938	11520	8640	0.75	984	10680	8010	0.75	1040
82	72	13080	8240	0.63	975	12240	7711	0.63	1030	11400	7182	0.63	1067
82	75	13800	7038	0.51	1012	12960	6610	0.51	1058	12240	6242	0.51	1104
82	79	14520	5663	0.39	1049	13680	5335	0.39	1095	12840	5008	0.39	1141
84	64	11760	10702	0.91	902	10800	9828	0.91	957	9960	9064	0.91	994
84	68	12360	9764	0.79	938	11520	9101	0.79	984	10680	8437	0.79	1040
84	72	13080	8764	0.67	975	12240	8201	0.67	1030	11400	7638	0.67	1067
84	75	13800	7590	0.55	1012	12960	7128	0.55	1058	12240	6732	0.55	1104
84	79	14520	6244	0.43	1049	13680	5882	0.43	1095	12840	5521	0.43	1141
86	64	11760	11172	0.95	902	10800	10260	0.95	957	9960	9462	0.95	994
86	68	12360	10259	0.83	938	11520	9562	0.83	984	10680	8864	0.83	1040
86	72	13080	9287	0.71	975	12240	8690	0.71	1030	11400	8094	0.71	1067
86	75	13800	8142	0.59	1012	12960	7646	0.59	1058	12240	7222	0.59	1104
86	79	14520	6824	0.47	1049	13680	6430	0.47	1095	12840	6035	0.47	1141
88	64	11760	11642	0.99	902	10800	10692	0.99	957	9960	9860	0.99	994
88	68	12360	10753	0.87	938	11520	10022	0.87	984	10680	9292	0.87	1040
88	72	13080	9810	0.75	975	12240	9180	0.75	1030	11400	8550	0.75	1067
88	75	13800	8694	0.63	1012	12960	8165	0.63	1058	12240	7711	0.63	1104
88	79	14520	7405	0.51	1049	13680	6977	0.51	1095	12840	6548	0.51	1141
90	64	11760	11760	1.00	902	10800	10800	1.00	957	9960	9960	1.00	994
90	68	12360	11248	0.91	938	11520	10483	0.91	984	10680	9719	0.91	1040
90	72	13080	10333	0.79	975	12240	9670	0.79	1030	11400	9006	0.79	1067
90	75	13800	9246	0.67	1012	12960	8683	0.67	1058	12240	8201	0.67	1104
90	79	14520	7986	0.55	1049	13680	7524	0.55	1095	12840	7062	0.55	1141

NOTE CA: Capacity (Btu/h) SHF: Sensible heat factor DB: Dry-bulb temperature
 SHC: Sensible heat capacity (Btu/h) P.C. : Power consumption (W) WB: Wet-bulb temperature

MUZ-GL15NA MUZ-GL15NAH MUY-GL15NA

CAPACITY (Btu/h): 14000 INPUT (W): 1080 SHF: 0.78

INDOOR DB (°F)	INDOOR WB (°F)	OUTDOOR DB (°F)															
		70				77				81				86			
		CA	SHC	SHF	P.C.	CA	SHC	SHF	P.C.	CA	SHC	SHF	P.C.	CA	SHC	SHF	P.C.
70	64	16450	9870	0.60	864	15750	9450	0.60	907	15120	9072	0.60	950	14560	8736	0.60	994
70	68	17150	8232	0.48	907	16450	7896	0.48	961	15960	7661	0.48	983	15400	7392	0.48	1026
72	64	16450	10528	0.64	864	15750	10080	0.64	907	15120	9677	0.64	950	14560	9318	0.64	994
72	68	17150	8918	0.52	907	16450	8554	0.52	961	15960	8299	0.52	983	15400	8008	0.52	1026
72	72	17850	7140	0.40	940	17220	6888	0.40	999	16800	6720	0.40	1026	16100	6440	0.40	1069
73	64	16450	11186	0.68	864	15750	10710	0.68	907	15120	10282	0.68	950	14560	9901	0.68	994
73	68	17150	9604	0.56	907	16450	9212	0.56	961	15960	8938	0.56	983	15400	8624	0.56	1026
73	72	17850	7854	0.44	940	17220	7577	0.44	999	16800	7392	0.44	1026	16100	7084	0.44	1069
75	64	16450	11844	0.72	864	15750	11340	0.72	907	15120	10886	0.72	950	14560	10483	0.72	994
75	68	17150	10290	0.60	907	16450	9870	0.60	961	15960	9576	0.60	983	15400	9240	0.60	1026
75	72	17850	8568	0.48	940	17220	8266	0.48	999	16800	8064	0.48	1026	16100	7728	0.48	1069
75	75	18760	6754	0.36	983	18060	6502	0.36	1037	17640	6350	0.36	1069	17080	6149	0.36	1123
77	64	16450	12502	0.76	864	15750	11970	0.76	907	15120	11491	0.76	950	14560	11066	0.76	994
77	68	17150	10976	0.64	907	16450	10528	0.64	961	15960	10214	0.64	983	15400	9856	0.64	1026
77	72	17850	9282	0.52	940	17220	8954	0.52	999	16800	8736	0.52	1026	16100	8372	0.52	1069
77	75	18760	7504	0.40	983	18060	7224	0.40	1037	17640	7056	0.40	1069	17080	6832	0.40	1123
79	64	16450	13160	0.80	864	15750	12600	0.80	907	15120	12096	0.80	950	14560	11648	0.80	994
79	68	17150	11662	0.68	907	16450	11186	0.68	961	15960	10853	0.68	983	15400	10472	0.68	1026
79	72	17850	9996	0.56	940	17220	9643	0.56	999	16800	9408	0.56	1026	16100	9016	0.56	1069
79	75	18760	8254	0.44	983	18060	7946	0.44	1037	17640	7762	0.44	1069	17080	7515	0.44	1123
79	79	19320	6182	0.32	1037	18760	6003	0.32	1091	18480	5914	0.32	1123	17920	5734	0.32	1156
81	64	16450	13818	0.84	864	15750	13230	0.84	907	15120	12701	0.84	950	14560	12230	0.84	994
81	68	17150	12348	0.72	907	16450	11844	0.72	961	15960	11491	0.72	983	15400	11088	0.72	1026
81	72	17850	10710	0.60	940	17220	10332	0.60	999	16800	10080	0.60	1026	16100	9660	0.60	1069
81	75	18760	9005	0.48	983	18060	8669	0.48	1037	17640	8467	0.48	1069	17080	8198	0.48	1123
81	79	19320	6955	0.36	1037	18760	6754	0.36	1091	18480	6653	0.36	1123	17920	6451	0.36	1156
82	64	16450	14476	0.88	864	15750	13860	0.88	907	15120	13306	0.88	950	14560	12813	0.88	994
82	68	17150	13034	0.76	907	16450	12502	0.76	961	15960	12130	0.76	983	15400	11704	0.76	1026
82	72	17850	11424	0.64	940	17220	11021	0.64	999	16800	10752	0.64	1026	16100	10304	0.64	1069
82	75	18760	9755	0.52	983	18060	9391	0.52	1037	17640	9173	0.52	1069	17080	8882	0.52	1123
82	79	19320	7728	0.40	1037	18760	7504	0.40	1091	18480	7392	0.40	1123	17920	7168	0.40	1156
84	64	16450	15134	0.92	864	15750	14490	0.92	907	15120	13910	0.92	950	14560	13395	0.92	994
84	68	17150	13720	0.80	907	16450	13160	0.80	961	15960	12768	0.80	983	15400	12320	0.80	1026
84	72	17850	12138	0.68	940	17220	11710	0.68	999	16800	11424	0.68	1026	16100	10948	0.68	1069
84	75	18760	10506	0.56	983	18060	10114	0.56	1037	17640	9878	0.56	1069	17080	9565	0.56	1123
84	79	19320	8501	0.44	1037	18760	8254	0.44	1091	18480	8131	0.44	1123	17920	7885	0.44	1156
86	64	16450	15792	0.96	864	15750	15120	0.96	907	15120	14515	0.96	950	14560	13978	0.96	994
86	68	17150	14406	0.84	907	16450	13818	0.84	961	15960	13406	0.84	983	15400	12936	0.84	1026
86	72	17850	12852	0.72	940	17220	12398	0.72	999	16800	12096	0.72	1026	16100	11592	0.72	1069
86	75	18760	11256	0.60	983	18060	10836	0.60	1037	17640	10584	0.60	1069	17080	10248	0.60	1123
86	79	19320	9274	0.48	1037	18760	9005	0.48	1091	18480	8870	0.48	1123	17920	8602	0.48	1156
88	64	16450	16450	1.00	864	15750	15750	1.00	907	15120	15120	1.00	950	14560	14560	1.00	994
88	68	17150	15092	0.88	907	16450	14476	0.88	961	15960	14045	0.88	983	15400	13552	0.88	1026
88	72	17850	13566	0.76	940	17220	13087	0.76	999	16800	12768	0.76	1026	16100	12236	0.76	1069
88	75	18760	12006	0.64	983	18060	11558	0.64	1037	17640	11290	0.64	1069	17080	10931	0.64	1123
88	79	19320	10046	0.52	1037	18760	9755	0.52	1091	18480	9610	0.52	1123	17920	9318	0.52	1156
90	64	16450	16450	1.00	864	15750	15750	1.00	907	15120	15120	1.00	950	14560	14560	1.00	994
90	68	17150	15778	0.92	907	16450	15134	0.92	961	15960	14683	0.92	983	15400	14168	0.92	1026
90	72	17850	14280	0.80	940	17220	13776	0.80	999	16800	13440	0.80	1026	16100	12880	0.80	1069
90	75	18760	12757	0.68	983	18060	12281	0.68	1037	17640	11995	0.68	1069	17080	11614	0.68	1123
90	79	19320	10819	0.56	1037	18760	10506	0.56	1091	18480	10349	0.56	1123	17920	10035	0.56	1156

NOTE CA: Capacity (Btu/h)

SHF: Sensible heat factor

DB: Dry-bulb temperature

SHC: Sensible heat capacity (Btu/h)

P.C. : Power consumption (W)

WB: Wet-bulb temperature

MUZ-GL15NA MUZ-GL15NAH MUY-GL15NA

CAPACITY (Btu/h): 14000 INPUT (W): 1080 SHF: 0.78

INDOOR DB (°F)	INDOOR WB (°F)	OUTDOOR DB (°F)											
		95				104				115			
		CA	SHC	SHF	P.C.	CA	SHC	SHF	P.C.	CA	SHC	SHF	P.C.
70	64	13720	8232	0.60	1058	12600	7560	0.60	1123	11620	6972	0.60	1166
70	68	14420	6922	0.48	1102	13440	6451	0.48	1156	12460	5981	0.48	1220
72	64	13720	8781	0.64	1058	12600	8064	0.64	1123	11620	7437	0.64	1166
72	68	14420	7498	0.52	1102	13440	6989	0.52	1156	12460	6479	0.52	1220
72	72	15260	6104	0.40	1145	14280	5712	0.40	1210	13300	5320	0.40	1253
73	64	13720	9330	0.68	1058	12600	8568	0.68	1123	11620	7902	0.68	1166
73	68	14420	8075	0.56	1102	13440	7526	0.56	1156	12460	6978	0.56	1220
73	72	15260	6714	0.44	1145	14280	6283	0.44	1210	13300	5852	0.44	1253
75	64	13720	9878	0.72	1058	12600	9072	0.72	1123	11620	8366	0.72	1166
75	68	14420	8652	0.60	1102	13440	8064	0.60	1156	12460	7476	0.60	1220
75	72	15260	7325	0.48	1145	14280	6854	0.48	1210	13300	6384	0.48	1253
75	75	16100	5796	0.36	1188	15120	5443	0.36	1242	14280	5141	0.36	1296
77	64	13720	10427	0.76	1058	12600	9576	0.76	1123	11620	8831	0.76	1166
77	68	14420	9229	0.64	1102	13440	8602	0.64	1156	12460	7974	0.64	1220
77	72	15260	7935	0.52	1145	14280	7426	0.52	1210	13300	6916	0.52	1253
77	75	16100	6440	0.40	1188	15120	6048	0.40	1242	14280	5712	0.40	1296
79	64	13720	10976	0.80	1058	12600	10080	0.80	1123	11620	9296	0.80	1166
79	68	14420	9806	0.68	1102	13440	9139	0.68	1156	12460	8473	0.68	1220
79	72	15260	8546	0.56	1145	14280	7997	0.56	1210	13300	7448	0.56	1253
79	75	16100	7084	0.44	1188	15120	6653	0.44	1242	14280	6283	0.44	1296
79	79	16940	5421	0.32	1231	15960	5107	0.32	1285	14980	4794	0.32	1339
81	64	13720	11525	0.84	1058	12600	10584	0.84	1123	11620	9761	0.84	1166
81	68	14420	10382	0.72	1102	13440	9677	0.72	1156	12460	8971	0.72	1220
81	72	15260	9156	0.60	1145	14280	8568	0.60	1210	13300	7980	0.60	1253
81	75	16100	7728	0.48	1188	15120	7258	0.48	1242	14280	6854	0.48	1296
81	79	16940	6098	0.36	1231	15960	5746	0.36	1285	14980	5393	0.36	1339
82	64	13720	12074	0.88	1058	12600	11088	0.88	1123	11620	10226	0.88	1166
82	68	14420	10959	0.76	1102	13440	10214	0.76	1156	12460	9470	0.76	1220
82	72	15260	9766	0.64	1145	14280	9139	0.64	1210	13300	8512	0.64	1253
82	75	16100	8372	0.52	1188	15120	7862	0.52	1242	14280	7426	0.52	1296
82	79	16940	6776	0.40	1231	15960	6384	0.40	1285	14980	5992	0.40	1339
84	64	13720	12622	0.92	1058	12600	11592	0.92	1123	11620	10690	0.92	1166
84	68	14420	11536	0.80	1102	13440	10752	0.80	1156	12460	9968	0.80	1220
84	72	15260	10377	0.68	1145	14280	9710	0.68	1210	13300	9044	0.68	1253
84	75	16100	9016	0.56	1188	15120	8467	0.56	1242	14280	7997	0.56	1296
84	79	16940	7454	0.44	1231	15960	7022	0.44	1285	14980	6591	0.44	1339
86	64	13720	13171	0.96	1058	12600	12096	0.96	1123	11620	11155	0.96	1166
86	68	14420	12113	0.84	1102	13440	11290	0.84	1156	12460	10466	0.84	1220
86	72	15260	10987	0.72	1145	14280	10282	0.72	1210	13300	9576	0.72	1253
86	75	16100	9660	0.60	1188	15120	9072	0.60	1242	14280	8568	0.60	1296
86	79	16940	8131	0.48	1231	15960	7661	0.48	1285	14980	7190	0.48	1339
88	64	13720	13720	1.00	1058	12600	12600	1.00	1123	11620	11620	1.00	1166
88	68	14420	12690	0.88	1102	13440	11827	0.88	1156	12460	10965	0.88	1220
88	72	15260	11598	0.76	1145	14280	10853	0.76	1210	13300	10108	0.76	1253
88	75	16100	10304	0.64	1188	15120	9677	0.64	1242	14280	9139	0.64	1296
88	79	16940	8809	0.52	1231	15960	8299	0.52	1285	14980	7790	0.52	1339
90	64	13720	13720	1.00	1058	12600	12600	1.00	1123	11620	11620	1.00	1166
90	68	14420	13266	0.92	1102	13440	12365	0.92	1156	12460	11463	0.92	1220
90	72	15260	12208	0.80	1145	14280	11424	0.80	1210	13300	10640	0.80	1253
90	75	16100	10948	0.68	1188	15120	10282	0.68	1242	14280	9710	0.68	1296
90	79	16940	9486	0.56	1231	15960	8938	0.56	1285	14980	8389	0.56	1339

NOTE CA: Capacity (Btu/h) SHF: Sensible heat factor DB: Dry-bulb temperature
 SHC: Sensible heat capacity (Btu/h) P.C. : Power consumption (W) WB: Wet-bulb temperature

MUZ-GL18NA MUZ-GL18NAH MUY-GL18NA

CAPACITY (Btu/h): 18000 INPUT (W): 1340 SHF: 0.87

INDOOR DB (°F)	INDOOR WB (°F)	OUTDOOR DB (°F)															
		70				77				81				86			
		CA	SHC	SHF	P.C.	CA	SHC	SHF	P.C.	CA	SHC	SHF	P.C.	CA	SHC	SHF	P.C.
70	64	21150	14594	0.69	1072	20250	13973	0.69	1126	19440	13414	0.69	1179	18720	12917	0.69	1233
70	68	22050	12569	0.57	1126	21150	12056	0.57	1193	20520	11696	0.57	1219	19800	11286	0.57	1273
72	64	21150	15440	0.73	1072	20250	14783	0.73	1126	19440	14191	0.73	1179	18720	13666	0.73	1233
72	68	22050	13451	0.61	1126	21150	12902	0.61	1193	20520	12517	0.61	1219	19800	12078	0.61	1273
72	72	22950	11246	0.49	1166	22140	10849	0.49	1240	21600	10584	0.49	1273	20700	10143	0.49	1327
73	64	21150	16286	0.77	1072	20250	15593	0.77	1126	19440	14969	0.77	1179	18720	14414	0.77	1233
73	68	22050	14333	0.65	1126	21150	13748	0.65	1193	20520	13338	0.65	1219	19800	12870	0.65	1273
73	72	22950	12164	0.53	1166	22140	11734	0.53	1240	21600	11448	0.53	1273	20700	10971	0.53	1327
75	64	21150	17132	0.81	1072	20250	16403	0.81	1126	19440	15746	0.81	1179	18720	15163	0.81	1233
75	68	22050	15215	0.69	1126	21150	14594	0.69	1193	20520	14159	0.69	1219	19800	13662	0.69	1273
75	72	22950	13082	0.57	1166	22140	12620	0.57	1240	21600	12312	0.57	1273	20700	11799	0.57	1327
75	75	24120	10854	0.45	1219	23220	10449	0.45	1286	22680	10206	0.45	1327	21960	9882	0.45	1394
77	64	21150	17978	0.85	1072	20250	17213	0.85	1126	19440	16524	0.85	1179	18720	15912	0.85	1233
77	68	22050	16097	0.73	1126	21150	15440	0.73	1193	20520	14980	0.73	1219	19800	14454	0.73	1273
77	72	22950	14000	0.61	1166	22140	13505	0.61	1240	21600	13176	0.61	1273	20700	12627	0.61	1327
77	75	24120	11819	0.49	1219	23220	11378	0.49	1286	22680	11113	0.49	1327	21960	10760	0.49	1394
79	64	21150	18824	0.89	1072	20250	18023	0.89	1126	19440	17302	0.89	1179	18720	16661	0.89	1233
79	68	22050	16979	0.77	1126	21150	16286	0.77	1193	20520	15800	0.77	1219	19800	15246	0.77	1273
79	72	22950	14918	0.65	1166	22140	14391	0.65	1240	21600	14040	0.65	1273	20700	13455	0.65	1327
79	75	24120	12784	0.53	1219	23220	12307	0.53	1286	22680	12020	0.53	1327	21960	11639	0.53	1394
79	79	24840	10184	0.41	1286	24120	9889	0.41	1353	23760	9742	0.41	1394	23040	9446	0.41	1434
81	64	21150	19670	0.93	1072	20250	18833	0.93	1126	19440	18079	0.93	1179	18720	17410	0.93	1233
81	68	22050	17861	0.81	1126	21150	17132	0.81	1193	20520	16621	0.81	1219	19800	16038	0.81	1273
81	72	22950	15836	0.69	1166	22140	15277	0.69	1240	21600	14904	0.69	1273	20700	14283	0.69	1327
81	75	24120	13748	0.57	1219	23220	13235	0.57	1286	22680	12928	0.57	1327	21960	12517	0.57	1394
81	79	24840	11178	0.45	1286	24120	10854	0.45	1353	23760	10692	0.45	1394	23040	10368	0.45	1434
82	64	21150	20516	0.97	1072	20250	19643	0.97	1126	19440	18857	0.97	1179	18720	18158	0.97	1233
82	68	22050	18743	0.85	1126	21150	17978	0.85	1193	20520	17442	0.85	1219	19800	16830	0.85	1273
82	72	22950	16754	0.73	1166	22140	16162	0.73	1240	21600	15768	0.73	1273	20700	15111	0.73	1327
82	75	24120	14713	0.61	1219	23220	14164	0.61	1286	22680	13835	0.61	1327	21960	13396	0.61	1394
82	79	24840	12172	0.49	1286	24120	11819	0.49	1353	23760	11642	0.49	1394	23040	11290	0.49	1434
84	64	21150	21150	1.00	1072	20250	20250	1.00	1126	19440	19440	1.00	1179	18720	18720	1.00	1233
84	68	22050	19625	0.89	1126	21150	18824	0.89	1193	20520	18263	0.89	1219	19800	17622	0.89	1273
84	72	22950	17672	0.77	1166	22140	17048	0.77	1240	21600	16632	0.77	1273	20700	15939	0.77	1327
84	75	24120	15678	0.65	1219	23220	15093	0.65	1286	22680	14742	0.65	1327	21960	14274	0.65	1394
84	79	24840	13165	0.53	1286	24120	12784	0.53	1353	23760	12593	0.53	1394	23040	12211	0.53	1434
86	64	21150	21150	1.00	1072	20250	20250	1.00	1126	19440	19440	1.00	1179	18720	18720	1.00	1233
86	68	22050	20507	0.93	1126	21150	19670	0.93	1193	20520	19084	0.93	1219	19800	18414	0.93	1273
86	72	22950	18590	0.81	1166	22140	17933	0.81	1240	21600	17496	0.81	1273	20700	16767	0.81	1327
86	75	24120	16643	0.69	1219	23220	16022	0.69	1286	22680	15649	0.69	1327	21960	15152	0.69	1394
86	79	24840	14159	0.57	1286	24120	13748	0.57	1353	23760	13543	0.57	1394	23040	13133	0.57	1434
88	64	21150	21150	1.00	1072	20250	20250	1.00	1126	19440	19440	1.00	1179	18720	18720	1.00	1233
88	68	22050	21389	0.97	1126	21150	20516	0.97	1193	20520	19904	0.97	1219	19800	19206	0.97	1273
88	72	22950	19508	0.85	1166	22140	18819	0.85	1240	21600	18360	0.85	1273	20700	17595	0.85	1327
88	75	24120	17608	0.73	1219	23220	16951	0.73	1286	22680	16556	0.73	1327	21960	16031	0.73	1394
88	79	24840	15152	0.61	1286	24120	14713	0.61	1353	23760	14494	0.61	1394	23040	14054	0.61	1434
90	64	21150	21150	1.00	1072	20250	20250	1.00	1126	19440	19440	1.00	1179	18720	18720	1.00	1233
90	68	22050	22050	1.00	1126	21150	21150	1.00	1193	20520	20520	1.00	1219	19800	19800	1.00	1273
90	72	22950	20426	0.89	1166	22140	19705	0.89	1240	21600	19224	0.89	1273	20700	18423	0.89	1327
90	75	24120	18572	0.77	1219	23220	17879	0.77	1286	22680	17464	0.77	1327	21960	16909	0.77	1394
90	79	24840	16146	0.65	1286	24120	15678	0.65	1353	23760	15444	0.65	1394	23040	14976	0.65	1434

NOTE CA: Capacity (Btu/h)

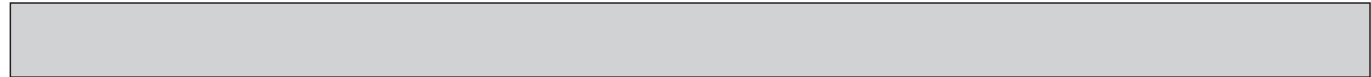
SHF: Sensible heat factor

DB: Dry-bulb temperature

SHC: Sensible heat capacity (Btu/h)

P.C. : Power consumption (W)

WB: Wet-bulb temperature



MUZ-GL18NA MUZ-GL18NAH MUY-GL18NA

CAPACITY (Btu/h): 18000 INPUT (W): 1340 SHF: 0.87

INDOOR DB (°F)	INDOOR WB (°F)	OUTDOOR DB (°F)											
		95				104				115			
		CA	SHC	SHF	P.C.	CA	SHC	SHF	P.C.	CA	SHC	SHF	P.C.
70	64	17640	12172	0.69	1313	16200	11178	0.69	1394	14940	10309	0.69	1447
70	68	18540	10568	0.57	1367	17280	9850	0.57	1434	16020	9131	0.57	1514
72	64	17640	12877	0.73	1313	16200	11826	0.73	1394	14940	10906	0.73	1447
72	68	18540	11309	0.61	1367	17280	10541	0.61	1434	16020	9772	0.61	1514
72	72	19620	9614	0.49	1420	18360	8996	0.49	1501	17100	8379	0.49	1554
73	64	17640	13583	0.77	1313	16200	12474	0.77	1394	14940	11504	0.77	1447
73	68	18540	12051	0.65	1367	17280	11232	0.65	1434	16020	10413	0.65	1514
73	72	19620	10399	0.53	1420	18360	9731	0.53	1501	17100	9063	0.53	1554
75	64	17640	14288	0.81	1313	16200	13122	0.81	1394	14940	12101	0.81	1447
75	68	18540	12793	0.69	1367	17280	11923	0.69	1434	16020	11054	0.69	1514
75	72	19620	11183	0.57	1420	18360	10465	0.57	1501	17100	9747	0.57	1554
75	75	20700	9315	0.45	1474	19440	8748	0.45	1541	18360	8262	0.45	1608
77	64	17640	14994	0.85	1313	16200	13770	0.85	1394	14940	12699	0.85	1447
77	68	18540	13534	0.73	1367	17280	12614	0.73	1434	16020	11695	0.73	1514
77	72	19620	11968	0.61	1420	18360	11200	0.61	1501	17100	10431	0.61	1554
77	75	20700	10143	0.49	1474	19440	9526	0.49	1541	18360	8996	0.49	1608
79	64	17640	15700	0.89	1313	16200	14418	0.89	1394	14940	13297	0.89	1447
79	68	18540	14276	0.77	1367	17280	13306	0.77	1434	16020	12335	0.77	1514
79	72	19620	12753	0.65	1420	18360	11934	0.65	1501	17100	11115	0.65	1554
79	75	20700	10971	0.53	1474	19440	10303	0.53	1541	18360	9731	0.53	1608
79	79	21780	8930	0.41	1528	20520	8413	0.41	1595	19260	7897	0.41	1662
81	64	17640	16405	0.93	1313	16200	15066	0.93	1394	14940	13894	0.93	1447
81	68	18540	15017	0.81	1367	17280	13997	0.81	1434	16020	12976	0.81	1514
81	72	19620	13538	0.69	1420	18360	12668	0.69	1501	17100	11799	0.69	1554
81	75	20700	11799	0.57	1474	19440	11081	0.57	1541	18360	10465	0.57	1608
81	79	21780	9801	0.45	1528	20520	9234	0.45	1595	19260	8667	0.45	1662
82	64	17640	17111	0.97	1313	16200	15714	0.97	1394	14940	14492	0.97	1447
82	68	18540	15759	0.85	1367	17280	14688	0.85	1434	16020	13617	0.85	1514
82	72	19620	14323	0.73	1420	18360	13403	0.73	1501	17100	12483	0.73	1554
82	75	20700	12627	0.61	1474	19440	11858	0.61	1541	18360	11200	0.61	1608
82	79	21780	10672	0.49	1528	20520	10055	0.49	1595	19260	9437	0.49	1662
84	64	17640	17640	1.00	1313	16200	16200	1.00	1394	14940	14940	1.00	1447
84	68	18540	16501	0.89	1367	17280	15379	0.89	1434	16020	14258	0.89	1514
84	72	19620	15107	0.77	1420	18360	14137	0.77	1501	17100	13167	0.77	1554
84	75	20700	13455	0.65	1474	19440	12636	0.65	1541	18360	11934	0.65	1608
84	79	21780	11543	0.53	1528	20520	10876	0.53	1595	19260	10208	0.53	1662
86	64	17640	17640	1.00	1313	16200	16200	1.00	1394	14940	14940	1.00	1447
86	68	18540	17242	0.93	1367	17280	16070	0.93	1434	16020	14899	0.93	1514
86	72	19620	15892	0.81	1420	18360	14872	0.81	1501	17100	13851	0.81	1554
86	75	20700	14283	0.69	1474	19440	13414	0.69	1541	18360	12668	0.69	1608
86	79	21780	12415	0.57	1528	20520	11696	0.57	1595	19260	10978	0.57	1662
88	64	17640	17640	1.00	1313	16200	16200	1.00	1394	14940	14940	1.00	1447
88	68	18540	17984	0.97	1367	17280	16762	0.97	1434	16020	15539	0.97	1514
88	72	19620	16677	0.85	1420	18360	15606	0.85	1501	17100	14535	0.85	1554
88	75	20700	15111	0.73	1474	19440	14191	0.73	1541	18360	13403	0.73	1608
88	79	21780	13286	0.61	1528	20520	12517	0.61	1595	19260	11749	0.61	1662
90	64	17640	17640	1.00	1313	16200	16200	1.00	1394	14940	14940	1.00	1447
90	68	18540	18540	1.00	1367	17280	17280	1.00	1434	16020	16020	1.00	1514
90	72	19620	17462	0.89	1420	18360	16340	0.89	1501	17100	15219	0.89	1554
90	75	20700	15939	0.77	1474	19440	14969	0.77	1541	18360	14137	0.77	1608
90	79	21780	14157	0.65	1528	20520	13338	0.65	1595	19260	12519	0.65	1662

NOTE CA: Capacity (Btu/h) SHF: Sensible heat factor DB: Dry-bulb temperature
SHC: Sensible heat capacity (Btu/h) P.C. : Power consumption (W) WB: Wet-bulb temperature

MUZ-GL24NA MUZ-GL24NAH MUY-GL24NA

CAPACITY (Btu/h): 22500 INPUT (W): 1800 SHF: 0.75

INDOOR DB (°F)	INDOOR WB (°F)	OUTDOOR DB (°F)															
		70				77				81				86			
		CA	SHC	SHF	P.C.	CA	SHC	SHF	P.C.	CA	SHC	SHF	P.C.	CA	SHC	SHF	P.C.
70	64	26438	15069	0.57	1440	25313	14428	0.57	1512	24300	13851	0.57	1584	23400	13338	0.57	1656
70	68	27563	12403	0.45	1512	26438	11897	0.45	1602	25650	11543	0.45	1638	24750	11138	0.45	1710
72	64	26438	16127	0.61	1440	25313	15441	0.61	1512	24300	14823	0.61	1584	23400	14274	0.61	1656
72	68	27563	13506	0.49	1512	26438	12954	0.49	1602	25650	12569	0.49	1638	24750	12128	0.49	1710
72	72	28688	10614	0.37	1566	27675	10240	0.37	1665	27000	9990	0.37	1710	25875	9574	0.37	1782
73	64	26438	17184	0.65	1440	25313	16453	0.65	1512	24300	15795	0.65	1584	23400	15210	0.65	1656
73	68	27563	14608	0.53	1512	26438	14012	0.53	1602	25650	13595	0.53	1638	24750	13118	0.53	1710
73	72	28688	11762	0.41	1566	27675	11347	0.41	1665	27000	11070	0.41	1710	25875	10609	0.41	1782
75	64	26438	18242	0.69	1440	25313	17466	0.69	1512	24300	16767	0.69	1584	23400	16146	0.69	1656
75	68	27563	15711	0.57	1512	26438	15069	0.57	1602	25650	14621	0.57	1638	24750	14108	0.57	1710
75	72	28688	12909	0.45	1566	27675	12454	0.45	1665	27000	12150	0.45	1710	25875	11644	0.45	1782
75	75	30150	9950	0.33	1638	29025	9578	0.33	1728	28350	9356	0.33	1782	27450	9059	0.33	1872
77	64	26438	19299	0.73	1440	25313	18478	0.73	1512	24300	17739	0.73	1584	23400	17082	0.73	1656
77	68	27563	16813	0.61	1512	26438	16127	0.61	1602	25650	15647	0.61	1638	24750	15098	0.61	1710
77	72	28688	14057	0.49	1566	27675	13561	0.49	1665	27000	13230	0.49	1710	25875	12679	0.49	1782
77	75	30150	11156	0.37	1638	29025	10739	0.37	1728	28350	10490	0.37	1782	27450	10157	0.37	1872
79	64	26438	20357	0.77	1440	25313	19491	0.77	1512	24300	18711	0.77	1584	23400	18018	0.77	1656
79	68	27563	17916	0.65	1512	26438	17184	0.65	1602	25650	16673	0.65	1638	24750	16088	0.65	1710
79	72	28688	15204	0.53	1566	27675	14668	0.53	1665	27000	14310	0.53	1710	25875	13714	0.53	1782
79	75	30150	12362	0.41	1638	29025	11900	0.41	1728	28350	11624	0.41	1782	27450	11255	0.41	1872
79	79	31050	9005	0.29	1728	30150	8744	0.29	1818	29700	8613	0.29	1872	28800	8352	0.29	1926
81	64	26438	21414	0.81	1440	25313	20503	0.81	1512	24300	19683	0.81	1584	23400	18954	0.81	1656
81	68	27563	19018	0.69	1512	26438	18242	0.69	1602	25650	17699	0.69	1638	24750	17078	0.69	1710
81	72	28688	16352	0.57	1566	27675	15775	0.57	1665	27000	15390	0.57	1710	25875	14749	0.57	1782
81	75	30150	13568	0.45	1638	29025	13061	0.45	1728	28350	12758	0.45	1782	27450	12353	0.45	1872
81	79	31050	10247	0.33	1728	30150	9950	0.33	1818	29700	9801	0.33	1872	28800	9504	0.33	1926
82	64	26438	22472	0.85	1440	25313	21516	0.85	1512	24300	20655	0.85	1584	23400	19890	0.85	1656
82	68	27563	20121	0.73	1512	26438	19299	0.73	1602	25650	18725	0.73	1638	24750	18068	0.73	1710
82	72	28688	17499	0.61	1566	27675	16882	0.61	1665	27000	16470	0.61	1710	25875	15784	0.61	1782
82	75	30150	14774	0.49	1638	29025	14222	0.49	1728	28350	13892	0.49	1782	27450	13451	0.49	1872
82	79	31050	11489	0.37	1728	30150	11156	0.37	1818	29700	10989	0.37	1872	28800	10656	0.37	1926
84	64	26438	23529	0.89	1440	25313	22528	0.89	1512	24300	21627	0.89	1584	23400	20826	0.89	1656
84	68	27563	21223	0.77	1512	26438	20357	0.77	1602	25650	19751	0.77	1638	24750	19058	0.77	1710
84	72	28688	18647	0.65	1566	27675	17989	0.65	1665	27000	17550	0.65	1710	25875	16819	0.65	1782
84	75	30150	15980	0.53	1638	29025	15383	0.53	1728	28350	15026	0.53	1782	27450	14549	0.53	1872
84	79	31050	12731	0.41	1728	30150	12362	0.41	1818	29700	12177	0.41	1872	28800	11808	0.41	1926
86	64	26438	24587	0.93	1440	25313	23541	0.93	1512	24300	22599	0.93	1584	23400	21762	0.93	1656
86	68	27563	22326	0.81	1512	26438	21414	0.81	1602	25650	20777	0.81	1638	24750	20048	0.81	1710
86	72	28688	19794	0.69	1566	27675	19096	0.69	1665	27000	18630	0.69	1710	25875	17854	0.69	1782
86	75	30150	17186	0.57	1638	29025	16544	0.57	1728	28350	16160	0.57	1782	27450	15647	0.57	1872
86	79	31050	13973	0.45	1728	30150	13568	0.45	1818	29700	13365	0.45	1872	28800	12960	0.45	1926
88	64	26438	25644	0.97	1440	25313	24553	0.97	1512	24300	23571	0.97	1584	23400	22698	0.97	1656
88	68	27563	23428	0.85	1512	26438	22472	0.85	1602	25650	21803	0.85	1638	24750	21038	0.85	1710
88	72	28688	20942	0.73	1566	27675	20203	0.73	1665	27000	19710	0.73	1710	25875	18889	0.73	1782
88	75	30150	18392	0.61	1638	29025	17705	0.61	1728	28350	17294	0.61	1782	27450	16745	0.61	1872
88	79	31050	15215	0.49	1728	30150	14774	0.49	1818	29700	14553	0.49	1872	28800	14112	0.49	1926
90	64	26438	26438	1.00	1440	25313	25313	1.00	1512	24300	24300	1.00	1584	23400	23400	1.00	1656
90	68	27563	24531	0.89	1512	26438	23529	0.89	1602	25650	22829	0.89	1638	24750	22028	0.89	1710
90	72	28688	22089	0.77	1566	27675	21310	0.77	1665	27000	20790	0.77	1710	25875	19924	0.77	1782
90	75	30150	19598	0.65	1638	29025	18866	0.65	1728	28350	18428	0.65	1782	27450	17843	0.65	1872
90	79	31050	16457	0.53	1728	30150	15980	0.53	1818	29700	15741	0.53	1872	28800	15264	0.53	1926

NOTE CA: Capacity (Btu/h)

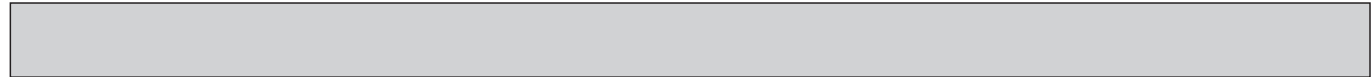
SHF: Sensible heat factor

DB: Dry-bulb temperature

SHC: Sensible heat capacity (Btu/h)

P.C. : Power consumption (W)

WB: Wet-bulb temperature



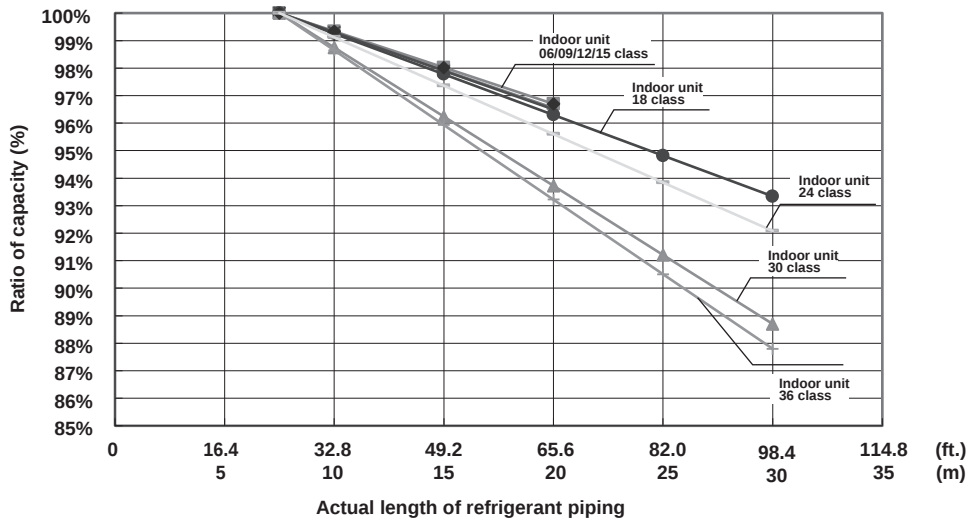
MUZ-GL24NA MUZ-GL24NAH MUY-GL24NA

CAPACITY (Btu/h): 22500 INPUT (W): 1800 SHF: 0.75

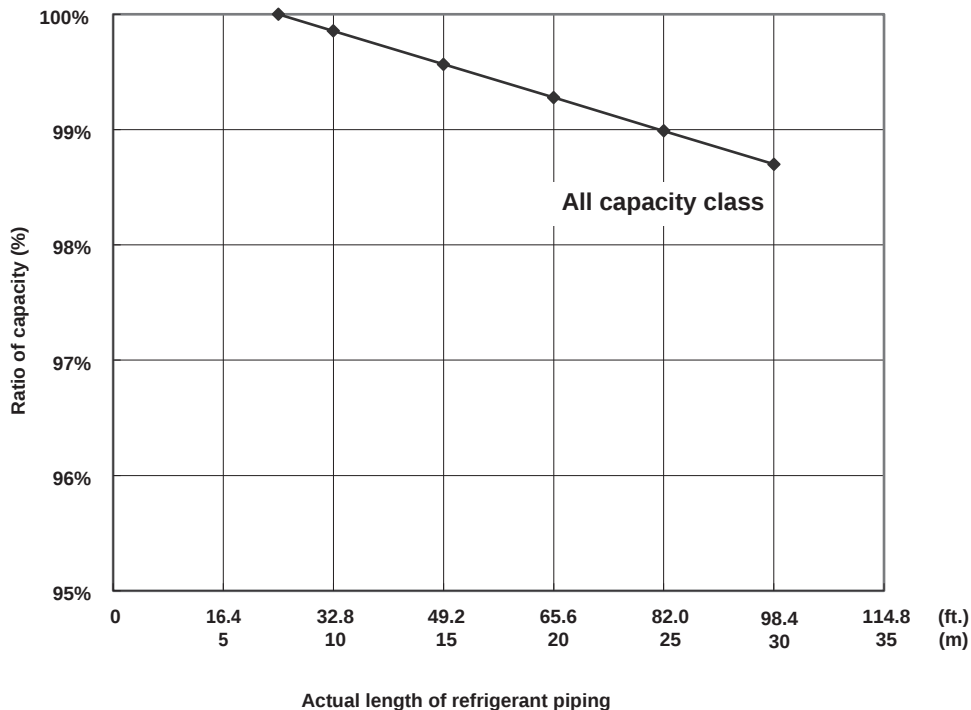
INDOOR DB (°F)	INDOOR WB (°F)	OUTDOOR DB (°F)											
		95				104				115			
		CA	SHC	SHF	P.C.	CA	SHC	SHF	P.C.	CA	SHC	SHF	P.C.
70	64	22050	12569	0.57	1764	20250	11543	0.57	1872	18675	10645	0.57	1944
70	68	23175	10429	0.45	1836	21600	9720	0.45	1926	20025	9011	0.45	2034
72	64	22050	13451	0.61	1764	20250	12353	0.61	1872	18675	11392	0.61	1944
72	68	23175	11356	0.49	1836	21600	10584	0.49	1926	20025	9812	0.49	2034
72	72	24525	9074	0.37	1908	22950	8492	0.37	2016	21375	7909	0.37	2088
73	64	22050	14333	0.65	1764	20250	13163	0.65	1872	18675	12139	0.65	1944
73	68	23175	12283	0.53	1836	21600	11448	0.53	1926	20025	10613	0.53	2034
73	72	24525	10055	0.41	1908	22950	9410	0.41	2016	21375	8764	0.41	2088
75	64	22050	15215	0.69	1764	20250	13973	0.69	1872	18675	12886	0.69	1944
75	68	23175	13210	0.57	1836	21600	12312	0.57	1926	20025	11414	0.57	2034
75	72	24525	11036	0.45	1908	22950	10328	0.45	2016	21375	9619	0.45	2088
75	75	25875	8539	0.33	1980	24300	8019	0.33	2070	22950	7574	0.33	2160
77	64	22050	16097	0.73	1764	20250	14783	0.73	1872	18675	13633	0.73	1944
77	68	23175	14137	0.61	1836	21600	13176	0.61	1926	20025	12215	0.61	2034
77	72	24525	12017	0.49	1908	22950	11246	0.49	2016	21375	10474	0.49	2088
77	75	25875	9574	0.37	1980	24300	8991	0.37	2070	22950	8492	0.37	2160
79	64	22050	16979	0.77	1764	20250	15593	0.77	1872	18675	14380	0.77	1944
79	68	23175	15064	0.65	1836	21600	14040	0.65	1926	20025	13016	0.65	2034
79	72	24525	12998	0.53	1908	22950	12164	0.53	2016	21375	11329	0.53	2088
79	75	25875	10609	0.41	1980	24300	9963	0.41	2070	22950	9410	0.41	2160
79	79	27225	7895	0.29	2052	25650	7439	0.29	2142	24075	6982	0.29	2232
81	64	22050	17861	0.81	1764	20250	16403	0.81	1872	18675	15127	0.81	1944
81	68	23175	15991	0.69	1836	21600	14904	0.69	1926	20025	13817	0.69	2034
81	72	24525	13979	0.57	1908	22950	13082	0.57	2016	21375	12184	0.57	2088
81	75	25875	11644	0.45	1980	24300	10935	0.45	2070	22950	10328	0.45	2160
81	79	27225	8984	0.33	2052	25650	8465	0.33	2142	24075	7945	0.33	2232
82	64	22050	18743	0.85	1764	20250	17213	0.85	1872	18675	15874	0.85	1944
82	68	23175	16918	0.73	1836	21600	15768	0.73	1926	20025	14618	0.73	2034
82	72	24525	14960	0.61	1908	22950	14000	0.61	2016	21375	13039	0.61	2088
82	75	25875	12679	0.49	1980	24300	11907	0.49	2070	22950	11246	0.49	2160
82	79	27225	10073	0.37	2052	25650	9491	0.37	2142	24075	8908	0.37	2232
84	64	22050	19625	0.89	1764	20250	18023	0.89	1872	18675	16621	0.89	1944
84	68	23175	17845	0.77	1836	21600	16632	0.77	1926	20025	15419	0.77	2034
84	72	24525	15941	0.65	1908	22950	14918	0.65	2016	21375	13894	0.65	2088
84	75	25875	13714	0.53	1980	24300	12879	0.53	2070	22950	12164	0.53	2160
84	79	27225	11162	0.41	2052	25650	10517	0.41	2142	24075	9871	0.41	2232
86	64	22050	20507	0.93	1764	20250	18833	0.93	1872	18675	17368	0.93	1944
86	68	23175	18772	0.81	1836	21600	17496	0.81	1926	20025	16220	0.81	2034
86	72	24525	16922	0.69	1908	22950	15836	0.69	2016	21375	14749	0.69	2088
86	75	25875	14749	0.57	1980	24300	13851	0.57	2070	22950	13082	0.57	2160
86	79	27225	12251	0.45	2052	25650	11543	0.45	2142	24075	10834	0.45	2232
88	64	22050	21389	0.97	1764	20250	19643	0.97	1872	18675	18115	0.97	1944
88	68	23175	19699	0.85	1836	21600	18360	0.85	1926	20025	17021	0.85	2034
88	72	24525	17903	0.73	1908	22950	16754	0.73	2016	21375	15604	0.73	2088
88	75	25875	15784	0.61	1980	24300	14823	0.61	2070	22950	14000	0.61	2160
88	79	27225	13340	0.49	2052	25650	12569	0.49	2142	24075	11797	0.49	2232
90	64	22050	22050	1.00	1764	20250	20250	1.00	1872	18675	18675	1.00	1944
90	68	23175	20626	0.89	1836	21600	19224	0.89	1926	20025	17822	0.89	2034
90	72	24525	18884	0.77	1908	22950	17672	0.77	2016	21375	16459	0.77	2088
90	75	25875	16819	0.65	1980	24300	15795	0.65	2070	22950	14918	0.65	2160
90	79	27225	14429	0.53	2052	25650	13595	0.53	2142	24075	12760	0.53	2232

NOTE CA: Capacity (Btu/h) SHF: Sensible heat factor DB: Dry-bulb temperature
SHC: Sensible heat capacity (Btu/h) P.C. : Power consumption (W) WB: Wet-bulb temperature

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.

Length of refrigerant piping (ft.) + (Number of bends × 0.984 ft.) = Actual length of refrigerant piping (ft.)
 [Length of refrigerant piping (m) + (Number of bends × 0.3 m) = Actual length of refrigerant piping (m)]

MSZ-GL09NA

MUZ-GL09NA

1) COOLING

Rated

Q(Btu/h): 9000

W: 585

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)	11020	8280	8290	5570	-	3320	10430	7700	7850	5270	-	3140	9800	7020	7380	4960	-	2960
		W	1240	670	930	650	-	400	1170	650	880	600	-	360	1120	620	840	590	-	360
110	43.3	Q(Btu/h)	11510	8640	8660	5830	-	3470	10890	8040	8200	5510	-	3280	10240	7360	7710	5190	-	3090
		W	1200	660	910	630	-	390	1140	640	860	580	-	350	1090	610	820	570	-	350
105	40.6	Q(Btu/h)	11990	9000	9020	6060	-	3610	11350	8370	8540	5730	-	3410	10670	7700	8030	5390	-	3210
		W	1170	650	880	600	-	370	1110	620	830	550	-	330	1060	600	790	540	-	330
100	37.8	Q(Btu/h)	12450	9340	9370	6290	-	3750	11780	8690	8870	5950	-	3540	11070	8080	8340	5600	-	3330
		W	1140	630	870	600	-	370	1080	600	820	550	-	330	1030	580	780	540	-	330
95	35.0	Q(Btu/h)	12890	9680	9700	6520	-	3900	12200	9000	9180	6170	-	3680	11470	8460	8630	5810	-	3460
		W	1110	610	840	590	-	370	1050	585	790	540	-	330	1000	560	750	530	-	330
90	32.2	Q(Btu/h)	13410	10000	10090	6780	-	4040	12690	9360	9550	6410	-	3820	11930	8780	8980	6030	-	3600
		W	1070	590	810	550	-	330	1010	560	760	500	-	300	960	540	730	490	-	300
85	29.4	Q(Btu/h)	13930	10310	10480	7040	-	4200	13180	9720	9920	6660	-	3970	12390	9090	9320	6270	-	3740
		W	1030	570	770	550	-	330	970	540	730	500	-	300	930	520	700	490	-	300
80	26.7	Q(Btu/h)	14440	10670	10870	7320	-	4360	13670	10080	10290	6920	-	4120	12850	9450	9670	6510	-	3880
		W	980	550	740	510	-	310	930	520	700	470	-	280	890	500	670	460	-	280
75	23.9	Q(Btu/h)	14950	11030	11250	7560	-	4510	14150	10440	10650	7150	-	4260	13300	9810	10010	6730	-	4010
		W	930	520	700	480	-	290	880	490	660	440	-	260	840	470	630	430	-	260
70	21.1	Q(Btu/h)	15470	11410	11640	7810	-	4660	14640	10800	11020	7390	-	4400	13760	10150	10360	6960	-	4140
		W	890	500	670	470	-	290	840	470	630	430	-	260	800	450	600	420	-	260
65	18.3	Q(Btu/h)	13220	9750	9950	6680	-	3990	12510	9230	9420	6320	-	3770	11760	8670	8860	5950	-	3550
		W	1010	560	770	540	-	330	950	530	720	490	-	300	900	510	690	480	-	300
60	15.6	Q(Btu/h)	13220	9750	9950	6680	-	3990	12510	9230	9420	6320	-	3770	11760	8670	8860	5950	-	3550
		W	1010	560	770	540	-	330	950	530	720	490	-	300	900	510	690	480	-	300
55	12.8	Q(Btu/h)	13220	9750	9950	6680	-	3990	12510	9230	9420	6320	-	3770	11760	8670	8860	5950	-	3550
		W	1010	560	770	540	-	330	950	530	720	490	-	300	900	510	690	480	-	300
50	10.0	Q(Btu/h)	13220	9750	9950	6680	-	3990	12510	9230	9420	6320	-	3770	11760	8670	8860	5950	-	3550
		W	1010	560	770	540	-	330	950	530	720	490	-	300	900	510	690	480	-	300
45	7.2	Q(Btu/h)	13220	9750	9950	6680	-	3990	12510	9230	9420	6320	-	3770	11760	8670	8860	5950	-	3550
		W	1010	560	770	540	-	330	950	530	720	490	-	300	900	510	690	480	-	300
40	4.4	Q(Btu/h)	13220	9750	9950	6680	-	3990	12510	9230	9420	6320	-	3770	11760	8670	8860	5950	-	3550
		W	1010	560	770	540	-	330	950	530	720	490	-	300	900	510	690	480	-	300
35	1.7	Q(Btu/h)	13220	9750	9950	6680	-	3990	12510	9230	9420	6320	-	3770	11760	8670	8860	5950	-	3550
		W	1010	560	770	540	-	330	950	530	720	490	-	300	900	510	690	480	-	300
30	-1.1	Q(Btu/h)	13220	9750	9950	6680	-	3990	12510	9230	9420	6320	-	3770	11760	8670	8860	5950	-	3550
		W	1010	560	770	540	-	330	950	530	720	490	-	300	900	510	690	480	-	300
25	-3.9	Q(Btu/h)	13220	9750	9950	6680	-	3990	12510	9230	9420	6320	-	3770	11760	8670	8860	5950	-	3550
		W	1010	560	770	540	-	330	950	530	720	490	-	300	900	510	690	480	-	300
20	-6.7	Q(Btu/h)	13220	9750	9950	6680	-	3990	12510	9230	9420	6320	-	3770	11760	8670	8860	5950	-	3550
		W	1010	560	770	540	-	330	950	530	720	490	-	300	900	510	690	480	-	300
15	-9.4	Q(Btu/h)	13220	9750	9950	6680	-	3990	12510	9230	9420	6320	-	3770	11760	8670	8860	5950	-	3550
		W	1010	560	770	540	-	330	950	530	720	490	-	300	900	510	690	480	-	300

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

MSZ-GL09NA
MUZ-GL09NA
2) HEATING

Rated
Q(Btu/h): 10900
W: 720

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)	18260	13620	13740	9210	-	5210	19000	14170	14300	9590	-	5420	19740	14720	14860	9970	-	5630
		W	1640	820	1240	830	-	470	1560	780	1180	790	-	450	1480	740	1120	750	-	430
60	15.6	Q(Btu/h)	17350	12880	13050	8760	-	4960	18100	13440	13620	9140	-	5170	18850	14000	14190	9520	-	5380
		W	1580	810	1190	800	-	450	1500	770	1130	760	-	430	1420	730	1070	720	-	410
55	12.8	Q(Btu/h)	16430	12130	12360	8290	-	4700	17200	12700	12940	8680	-	4920	17970	13270	13520	9070	-	5140
		W	1520	800	1140	760	-	420	1440	760	1080	720	-	400	1360	720	1020	680	-	380
50	10.0	Q(Btu/h)	15800	11390	11890	7980	-	4510	16600	11970	12490	8380	-	4740	17400	12550	13090	8780	-	4970
		W	1450	790	1100	740	-	410	1380	750	1040	700	-	390	1310	710	980	660	-	370
45	7.2	Q(Btu/h)	15170	10650	11420	7660	-	4330	16000	11230	12040	8080	-	4570	16830	11810	12660	8500	-	4810
		W	1390	770	1040	700	-	390	1320	730	990	660	-	370	1250	690	940	620	-	350
43	6.1	Q(Btu/h)	15060	10320	11320	7600	-	4310	15900	10900	11960	8030	-	4550	16740	11480	12600	8460	-	4790
		W	1320	760	990	660	-	380	1250	720	940	630	-	360	1180	680	890	600	-	340
40	4.4	Q(Btu/h)	13890	9860	10450	7010	-	3970	14700	10440	11060	7420	-	4200	15510	11020	11670	7830	-	4430
		W	1300	750	970	640	-	370	1230	710	920	610	-	350	1160	670	870	580	-	330
35	1.7	Q(Btu/h)	12710	9080	9560	6410	-	3620	13500	9650	10160	6810	-	3850	14290	10220	10760	7210	-	4080
		W	1260	720	950	640	-	370	1200	680	900	610	-	350	1140	640	850	580	-	330
30	-1.1	Q(Btu/h)	11810	8360	8890	5960	-	3380	12600	8920	9480	6360	-	3600	13390	9480	10070	6760	-	3820
		W	1200	680	910	610	-	340	1140	650	860	580	-	320	1080	620	810	550	-	300
25	-3.9	Q(Btu/h)	10920	7630	8210	5510	-	3130	11700	8180	8800	5910	-	3350	12480	8730	9390	6310	-	3570
		W	1140	650	860	580	-	330	1080	620	820	550	-	310	1020	590	780	520	-	290
20	-6.7	Q(Btu/h)	10010	6900	7540	5050	-	2860	10800	7440	8130	5450	-	3080	11590	7980	8720	5850	-	3300
		W	1090	600	810	540	-	310	1030	570	770	510	-	290	970	540	730	480	-	270
15	-9.4	Q(Btu/h)	9100	6160	6850	4590	-	2600	9900	6700	7450	5000	-	2830	10700	7240	8050	5410	-	3060
		W	1020	550	770	520	-	290	970	520	730	490	-	280	920	490	690	460	-	270
10	-12.2	Q(Btu/h)	8120	5390	6100	4100	-	2320	8950	5940	6730	4520	-	2560	9780	6490	7360	4940	-	2800
		W	960	500	730	480	-	260	910	470	690	460	-	250	860	440	650	440	-	240
5	-15.0	Q(Btu/h)	7130	4610	5360	3600	-	2030	8000	5180	6020	4040	-	2280	8870	5750	6680	4480	-	2530
		W	900	430	670	450	-	250	850	410	640	430	-	240	800	390	610	410	-	230
0	-17.8	Q(Btu/h)	6250	3620	4700	3150	-	1780	7200	4170	5420	3630	-	2050	8150	4720	6140	4110	-	2320
		W	820	370	620	420	-	240	780	350	590	400	-	230	740	330	560	380	-	220
-4	-20.0	Q(Btu/h)	5400	2660	4070	2730	-	1540	6400	3150	4820	3230	-	1820	7400	3640	5570	3730	-	2100
		W	740	310	560	370	-	210	700	290	530	350	-	200	660	270	500	330	-	190

* Above data is for heating operation without any frost.

MSZ-GL09NA
MUZ-GL09NAH
1) COOLING

Rated
Q(Btu/h): 9000
W: 585

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	8280	8290	5570	-	3320	10430	7700	7850	5270	-	3140	9800	7020	7380	4960	-	2960
		W	1240	670	930	650	-	400	1170	650	880	600	-	360	1120	620	840	590	-	360
110	43.3	Q(Btu/h)	11510	8640	8660	5830	-	3470	10890	8040	8200	5510	-	3280	10240	7360	7710	5190	-	3090
		W	1200	660	910	630	-	390	1140	640	860	580	-	350	1090	610	820	570	-	350
105	40.6	Q(Btu/h)	11990	9000	9020	6060	-	3610	11350	8370	8540	5730	-	3410	10670	7700	8030	5390	-	3210
		W	1170	650	880	600	-	370	1110	620	830	550	-	330	1060	600	790	540	-	330
100	37.8	Q(Btu/h)	12450	9340	9370	6290	-	3750	11780	8690	8870	5950	-	3540	11070	8080	8340	5600	-	3330
		W	1140	630	870	600	-	370	1080	600	820	550	-	330	1030	580	780	540	-	330
95	35.0	Q(Btu/h)	12890	9680	9700	6520	-	3900	12200	9000	9180	6170	-	3680	11470	8460	8630	5810	-	3460
		W	1110	610	840	590	-	370	1050	585	790	540	-	330	1000	560	750	530	-	330
90	32.2	Q(Btu/h)	13410	10000	10090	6780	-	4040	12690	9360	9550	6410	-	3820	11930	8780	8980	6030	-	3600
		W	1070	590	810	550	-	330	1010	560	760	500	-	300	960	540	730	490	-	300
85	29.4	Q(Btu/h)	13930	10310	10480	7040	-	4200	13180	9720	9920	6660	-	3970	12390	9090	9320	6270	-	3740
		W	1030	570	770	550	-	330	970	540	730	500	-	300	930	520	700	490	-	300
80	26.7	Q(Btu/h)	14440	10670	10870	7320	-	4360	13670	10080	10290	6920	-	4120	12850	9450	9670	6510	-	3880
		W	980	550	740	510	-	310	930	520	700	470	-	280	890	500	670	460	-	280
75	23.9	Q(Btu/h)	14950	11030	11250	7560	-	4510	14150	10440	10650	7150	-	4260	13300	9810	10010	6730	-	4010
		W	930	520	700	480	-	290	880	490	660	440	-	260	840	470	630	430	-	260
70	21.1	Q(Btu/h)	15470	11410	11640	7810	-	4660	14640	10800	11020	7390	-	4400	13760	10150	10360	6960	-	4140
		W	890	500	670	470	-	290	840	470	630	430	-	260	800	450	600	420	-	260
65	18.3	Q(Btu/h)	13220	9750	9950	6680	-	3990	12510	9230	9420	6320	-	3770	11760	8670	8860	5950	-	3550
		W	1010	560	770	540	-	330	950	530	720	490	-	300	900	510	690	480	-	300
60	15.6	Q(Btu/h)	13220	9750	9950	6680	-	3990	12510	9230	9420	6320	-	3770	11760	8670	8860	5950	-	3550
		W	1010	560	770	540	-	330	950	530	720	490	-	300	900	510	690	480	-	300
55	12.8	Q(Btu/h)	13220	9750	9950	6680	-	3990	12510	9230	9420	6320	-	3770	11760	8670	8860	5950	-	3550
		W	1010	560	770	540	-	330	950	530	720	490	-	300	900	510	690	480	-	300
50	10.0	Q(Btu/h)	13220	9750	9950	6680	-	3990	12510	9230	9420	6320	-	3770	11760	8670	8860	5950	-	3550
		W	1010	560	770	540	-	330	950	530	720	490	-	300	900	510	690	480	-	300
45	7.2	Q(Btu/h)	13220	9750	9950	6680	-	3990	12510	9230	9420	6320	-	3770	11760	8670	8860	5950	-	3550
		W	1010	560	770	540	-	330	950	530	720	490	-	300	900	510	690	480	-	300
40	4.4	Q(Btu/h)	13220	9750	9950	6680	-	3990	12510	9230	9420	6320	-	3770	11760	8670	8860	5950	-	3550
		W	1010	560	770	540	-	330	950	530	720	490	-	300	900	510	690	480	-	300
35	1.7	Q(Btu/h)	13220	9750	9950	6680	-	3990	12510	9230	9420	6320	-	3770	11760	8670	8860	5950	-	3550
		W	1010	560	770	540	-	330	950	530	720	490	-	300	900	510	690	480	-	300
30	-1.1	Q(Btu/h)	13220	9750	9950	6680	-	3990	12510	9230	9420	6320	-	3770	11760	8670	8860	5950	-	3550
		W	1010	560	770	540	-	330	950	530	720	490	-	300	900	510	690	480	-	300
25	-3.9	Q(Btu/h)	13220	9750	9950	6680	-	3990	12510	9230	9420	6320	-	3770	11760	8670	8860	5950	-	3550
		W	1010	560	770	540	-	330	950	530	720	490	-	300	900	510	690	480	-	300
20	-6.7	Q(Btu/h)	13220	9750	9950	6680	-	3990	12510	9230	9420	6320	-	3770	11760	8670	8860	5950	-	3550
		W	1010	560	770	540	-	330	950	530	720	490	-	300	900	510	690	480	-	300
15	-9.4	Q(Btu/h)	13220	9750	9950	6680	-	3990	12510	9230	9420	6320	-	3770	11760	8670	8860	5950	-	3550
		W	1010	560	770	540	-	330	950	530	720	490	-	300	900	510	690	480	-	300

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

MSZ-GL09NA
MUZ-GL09NAH
2) HEATING

Rated
Q(Btu/h): 10900
W: 720

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)	18260	13620	13740	9210	-	5210	19000	14170	14300	9590	-	5420	19740	14720	14860	9970	-	5630
		W	1640	820	1240	830	-	470	1560	780	1180	790	-	450	1480	740	1120	750	-	430
60	15.6	Q(Btu/h)	17350	12880	13050	8760	-	4960	18100	13440	13620	9140	-	5170	18850	14000	14190	9520	-	5380
		W	1580	810	1190	800	-	450	1500	770	1130	760	-	430	1420	730	1070	720	-	410
55	12.8	Q(Btu/h)	16430	12130	12360	8290	-	4700	17200	12700	12940	8680	-	4920	17970	13270	13520	9070	-	5140
		W	1520	800	1140	760	-	420	1440	760	1080	720	-	400	1360	720	1020	680	-	380
50	10.0	Q(Btu/h)	15800	11390	11890	7980	-	4510	16600	11970	12490	8380	-	4740	17400	12550	13090	8780	-	4970
		W	1450	790	1100	740	-	410	1380	750	1040	700	-	390	1310	710	980	660	-	370
45	7.2	Q(Btu/h)	15170	10650	11420	7660	-	4330	16000	11230	12040	8080	-	4570	16830	11810	12660	8500	-	4810
		W	1390	770	1040	700	-	390	1320	730	990	660	-	370	1250	690	940	620	-	350
43	6.1	Q(Btu/h)	15060	10320	11320	7600	-	4310	15900	10900	11960	8030	-	4550	16740	11480	12600	8460	-	4790
		W	1320	760	990	660	-	380	1250	720	940	630	-	360	1180	680	890	600	-	340
40	4.4	Q(Btu/h)	13890	9860	10450	7010	-	3970	14700	10440	11060	7420	-	4200	15510	11020	11670	7830	-	4430
		W	1300	750	970	640	-	370	1230	710	920	610	-	350	1160	670	870	580	-	330
35	1.7	Q(Btu/h)	12710	9080	9560	6410	-	3620	13500	9650	10160	6810	-	3850	14290	10220	10760	7210	-	4080
		W	1260	720	950	640	-	370	1200	680	900	610	-	350	1140	640	850	580	-	330
30	-1.1	Q(Btu/h)	11810	8360	8890	5960	-	3380	12600	8920	9480	6360	-	3600	13390	9480	10070	6760	-	3820
		W	1330	810	1040	740	-	470	1270	780	990	710	-	450	1210	750	940	680	-	430
25	-3.9	Q(Btu/h)	10920	7630	8210	5510	-	3130	11700	8180	8800	5910	-	3350	12480	8730	9390	6310	-	3570
		W	1270	780	990	710	-	460	1210	750	950	680	-	440	1150	720	910	650	-	420
20	-6.7	Q(Btu/h)	10010	6900	7540	5050	-	2860	10800	7440	8130	5450	-	3080	11590	7980	8720	5850	-	3300
		W	1220	730	940	670	-	440	1160	700	900	640	-	420	1100	670	860	610	-	400
15	-9.4	Q(Btu/h)	9100	6160	6850	4590	-	2600	9900	6700	7450	5000	-	2830	10700	7240	8050	5410	-	3060
		W	1150	680	900	650	-	420	1100	650	860	620	-	410	1050	620	820	590	-	400
10	-12.2	Q(Btu/h)	8120	5390	6100	4100	-	2320	8950	5940	6730	4520	-	2560	9780	6490	7360	4940	-	2800
		W	1090	630	860	610	-	390	1040	600	820	590	-	380	990	570	780	570	-	370
5	-15.0	Q(Btu/h)	7130	4610	5360	3600	-	2030	8000	5180	6020	4040	-	2280	8870	5750	6680	4480	-	2530
		W	1030	560	800	580	-	380	980	540	770	560	-	370	930	520	740	540	-	360
0	-17.8	Q(Btu/h)	6250	3620	4700	3150	-	1780	7200	4170	5420	3630	-	2050	8150	4720	6140	4110	-	2320
		W	950	500	750	550	-	370	910	480	720	530	-	360	870	460	690	510	-	350
-4	-20.0	Q(Btu/h)	5400	2660	4070	2730	-	1540	6400	3150	4820	3230	-	1820	7400	3640	5570	3730	-	2100
		W	870	440	690	500	-	340	830	420	660	480	-	330	790	400	630	460	-	320

* Above data is for heating operation without any frost.

MSZ-GL12NA
MUZ-GL12NA
1) COOLING

Rated
Q(Btu/h): 12000
W: 920

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)	12280	11040	9270	6130	3130	1260	11630	10260	8780	5810	2970	1190	10920	9360	8240	5450	2790	1120
		W	1530	1060	1150	760	390	150	1440	1020	1080	710	360	140	1370	980	1030	680	350	130
110	43.3	Q(Btu/h)	12820	11520	9680	6400	3260	1310	12140	10710	9170	6070	3090	1240	11400	9810	8610	5690	2900	1170
		W	1500	1040	1140	760	390	150	1410	1000	1070	710	360	140	1350	960	1020	680	350	130
105	40.6	Q(Btu/h)	13360	12000	10080	6670	3410	1360	12650	11160	9550	6330	3230	1290	11880	10260	8970	5940	3030	1220
		W	1470	1020	1100	740	380	150	1380	980	1040	690	350	140	1320	940	990	660	340	130
100	37.8	Q(Btu/h)	13860	12450	10460	6920	3520	1410	13130	11580	9910	6560	3340	1340	12330	10770	9300	6150	3130	1270
		W	1430	1000	1070	710	360	140	1340	950	1010	660	340	130	1280	910	960	640	330	120
95	35.0	Q(Btu/h)	14360	12900	10840	7160	3660	1470	13600	12000	10270	6790	3470	1390	12770	11280	9640	6370	3250	1310
		W	1380	970	1040	710	360	140	1300	920	980	660	340	130	1240	880	930	640	330	120
90	32.2	Q(Btu/h)	14940	13320	11280	7470	3810	1520	14150	12480	10690	7080	3610	1440	13290	11700	10040	6640	3390	1360
		W	1330	940	1000	670	330	130	1250	890	940	620	310	120	1190	850	890	600	300	110
85	29.4	Q(Btu/h)	15510	13740	11700	7740	3940	1580	14690	12960	11090	7340	3740	1500	13800	12120	10410	6880	3510	1420
		W	1280	900	970	650	330	130	1200	850	910	610	310	120	1140	810	870	590	300	110
80	26.7	Q(Btu/h)	16090	14220	12140	8040	4100	1650	15240	13440	11500	7620	3890	1560	14310	12600	10800	7150	3650	1470
		W	1220	860	920	610	300	120	1150	810	870	570	280	110	1100	780	830	550	270	100
75	23.9	Q(Btu/h)	16660	14700	12580	8320	4250	1700	15780	13920	11920	7890	4030	1610	14820	13080	11190	7400	3780	1520
		W	1160	820	870	590	300	120	1090	770	820	550	280	110	1040	740	780	530	270	100
70	21.1	Q(Btu/h)	17230	15210	13000	8600	4390	1760	16320	14400	12320	8160	4160	1670	15330	13530	11570	7650	3900	1580
		W	1110	780	830	550	280	110	1040	730	780	510	260	100	990	700	740	490	250	90
65	18.3	Q(Btu/h)	14720	12990	11110	7360	3760	1500	13940	12300	10530	6980	3560	1420	13090	11560	9890	6540	3340	1340
		W	890	630	670	450	240	100	830	590	630	420	220	90	790	570	600	400	210	80
60	15.6	Q(Btu/h)	14720	12990	11110	7360	3760	1500	13940	12300	10530	6980	3560	1420	13090	11560	9890	6540	3340	1340
		W	890	630	670	450	240	100	830	590	630	420	220	90	790	570	600	400	210	80
55	12.8	Q(Btu/h)	14720	12990	11110	7360	3760	1500	13940	12300	10530	6980	3560	1420	13090	11560	9890	6540	3340	1340
		W	890	630	670	450	240	100	830	590	630	420	220	90	790	570	600	400	210	80
50	10.0	Q(Btu/h)	14720	12990	11110	7360	3760	1500	13940	12300	10530	6980	3560	1420	13090	11560	9890	6540	3340	1340
		W	890	630	670	450	240	100	830	590	630	420	220	90	790	570	600	400	210	80
45	7.2	Q(Btu/h)	14720	12990	11110	7360	3760	1500	13940	12300	10530	6980	3560	1420	13090	11560	9890	6540	3340	1340
		W	890	630	670	450	240	100	830	590	630	420	220	90	790	570	600	400	210	80
40	4.4	Q(Btu/h)	14720	12990	11110	7360	3760	1500	13940	12300	10530	6980	3560	1420	13090	11560	9890	6540	3340	1340
		W	890	630	670	450	240	100	830	590	630	420	220	90	790	570	600	400	210	80
35	1.7	Q(Btu/h)	14720	12990	11110	7360	3760	1500	13940	12300	10530	6980	3560	1420	13090	11560	9890	6540	3340	1340
		W	890	630	670	450	240	100	830	590	630	420	220	90	790	570	600	400	210	80
30	-1.1	Q(Btu/h)	14720	12990	11110	7360	3760	1500	13940	12300	10530	6980	3560	1420	13090	11560	9890	6540	3340	1340
		W	890	630	670	450	240	100	830	590	630	420	220	90	790	570	600	400	210	80
25	-3.9	Q(Btu/h)	14720	12990	11110	7360	3760	1500	13940	12300	10530	6980	3560	1420	13090	11560	9890	6540	3340	1340
		W	890	630	670	450	240	100	830	590	630	420	220	90	790	570	600	400	210	80
20	-6.7	Q(Btu/h)	14720	12990	11110	7360	3760	1500	13940	12300	10530	6980	3560	1420	13090	11560	9890	6540	3340	1340
		W	890	630	670	450	240	100	830	590	630	420	220	90	790	570	600	400	210	80
15	-9.4	Q(Btu/h)	14720	12990	11110	7360	3760	1500	13940	12300	10530	6980	3560	1420	13090	11560	9890	6540	3340	1340
		W	890	630	670	450	240	100	830	590	630	420	220	90	790	570	600	400	210	80

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

MSZ-GL12NA
MUZ-GL12NA
2) HEATING

Rated
Q(Btu/h): 14400
W: 1100

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)	21810	17990	16460	10900	5560	2230		22700	18720	17130	11340	5790	2320		23590	19450	17800	11780	6020	2410	
		W	1970	1250	1490	980	500	200		1870	1190	1410	930	470	190		1770	1130	1330	880	440	180	
60	15.6	Q(Btu/h)	20750	17010	15670	10380	5300	2120		21650	17750	16350	10830	5530	2210		22550	18490	17030	11280	5760	2300	
		W	1900	1240	1440	960	480	190		1800	1180	1370	910	460	180		1700	1120	1300	860	440	170	
55	12.8	Q(Btu/h)	19680	16030	14870	9850	5030	2010		20600	16780	15560	10310	5260	2100		21520	17530	16250	10770	5490	2190	
		W	1810	1230	1370	910	460	190		1720	1170	1300	860	440	180		1630	1110	1230	810	420	170	
50	10.0	Q(Btu/h)	18610	15050	14050	9310	4750	1900		19550	15810	14760	9780	4990	2000		20490	16570	15470	10250	5230	2100	
		W	1740	1210	1310	860	440	180		1650	1150	1240	820	420	170		1560	1090	1170	780	400	160	
45	7.2	Q(Btu/h)	17540	14060	13250	8770	4480	1790		18500	14830	13970	9250	4720	1890		19460	15600	14690	9730	4960	1990	
		W	1660	1180	1260	840	430	170		1580	1120	1200	800	410	160		1500	1060	1140	760	390	150	
43	6.1	Q(Btu/h)	17140	13640	12930	8560	4370	1750		18100	14400	13660	9040	4620	1850		19060	15160	14390	9520	4870	1950	
		W	1710	1160	1290	850	430	170		1620	1100	1220	810	410	160		1530	1040	1150	770	390	150	
40	4.4	Q(Btu/h)	16300	13030	12310	8150	4160	1660		17250	13790	13030	8630	4400	1760		18200	14550	13750	9110	4640	1860	
		W	1610	1150	1210	800	400	160		1530	1090	1150	760	380	150		1450	1030	1090	720	360	140	
35	1.7	Q(Btu/h)	15440	11990	11660	7730	3940	1580		16400	12740	12390	8210	4190	1680		17360	13490	13120	8690	4440	1780	
		W	1520	1110	1140	750	390	160		1440	1050	1080	710	370	150		1360	990	1020	670	350	140	
30	-1.1	Q(Btu/h)	14390	11040	10860	7190	3670	1460		15350	11770	11580	7670	3910	1560		16310	12500	12300	8150	4150	1660	
		W	1440	1050	1090	720	370	150		1370	1000	1030	680	350	140		1300	950	970	640	330	130	
25	-3.9	Q(Btu/h)	13340	10080	10080	6670	3410	1360		14300	10800	10800	7150	3650	1460		15260	11520	11520	7630	3890	1560	
		W	1370	990	1040	700	360	150		1300	940	990	660	340	140		1230	890	940	620	320	130	
20	-6.7	Q(Btu/h)	12330	9110	9310	6160	3130	1250		13300	9830	10040	6640	3380	1350		14270	10550	10770	7120	3630	1450	
		W	1300	920	980	640	330	130		1230	870	930	610	310	120		1160	820	880	580	290	110	
15	-9.4	Q(Btu/h)	11300	8140	8540	5650	2880	1150		12300	8860	9290	6150	3130	1250		13300	9580	10040	6650	3380	1350	
		W	1220	830	920	600	310	130		1160	790	870	570	290	120		1100	750	820	540	270	110	
10	-12.2	Q(Btu/h)	10200	7120	7700	5100	2600	1040		11250	7850	8490	5620	2870	1150		12300	8580	9280	6140	3140	1260	
		W	1150	750	870	580	290	120		1090	710	830	550	280	110		1030	670	790	520	270	100	
5	-15.0	Q(Btu/h)	9080	6090	6860	4540	2320	930		10200	6840	7700	5100	2600	1040		11320	7590	8540	5660	2880	1150	
		W	1070	650	820	540	270	110		1020	620	780	510	260	100		970	590	740	480	250	90	
0	-17.8	Q(Btu/h)	7810	4830	5890	3900	1990	800		9000	5570	6790	4490	2290	920		10190	6310	7690	5080	2590	1040	
		W	990	570	740	500	250	110		940	540	700	470	240	100		890	510	660	440	230	90	
-4	-20.0	Q(Btu/h)	6590	3630	4970	3290	1680	680		7800	4300	5880	3900	1990	800		9010	4970	6790	4510	2300	920	
		W	900	470	670	440	220	80		850	450	640	420	210	80		800	430	610	400	200	80	

* Above data is for heating operation without any frost.

MSZ-GL12NA
MUZ-GL12NAH
1) COOLING

Rated
Q(Btu/h): 12000
W: 920

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)	12280	11040	9270	6130	3130	1260	11630	10260	8780	5810	2970	1190	10920	9360	8240	5450	2790	1120
		W	1530	1060	1150	760	390	150	1440	1020	1080	710	360	140	1370	980	1030	680	350	130
110	43.3	Q(Btu/h)	12820	11520	9680	6400	3260	1310	12140	10710	9170	6070	3090	1240	11400	9810	8610	5690	2900	1170
		W	1500	1040	1140	760	390	150	1410	1000	1070	710	360	140	1350	960	1020	680	350	130
105	40.6	Q(Btu/h)	13360	12000	10080	6670	3410	1360	12650	11160	9550	6330	3230	1290	11880	10260	8970	5940	3030	1220
		W	1470	1020	1100	740	380	150	1380	980	1040	690	350	140	1320	940	990	660	340	130
100	37.8	Q(Btu/h)	13860	12450	10460	6920	3520	1410	13130	11580	9910	6560	3340	1340	12330	10770	9300	6150	3130	1270
		W	1430	1000	1070	710	360	140	1340	950	1010	660	340	130	1280	910	960	640	330	120
95	35.0	Q(Btu/h)	14360	12900	10840	7160	3660	1470	13600	12000	10270	6790	3470	1390	12770	11280	9640	6370	3250	1310
		W	1380	970	1040	710	360	140	1300	920	980	660	340	130	1240	880	930	640	330	120
90	32.2	Q(Btu/h)	14940	13320	11280	7470	3810	1520	14150	12480	10690	7080	3610	1440	13290	11700	10040	6640	3390	1360
		W	1330	940	1000	670	330	130	1250	890	940	620	310	120	1190	850	890	600	300	110
85	29.4	Q(Btu/h)	15510	13740	11700	7740	3940	1580	14690	12960	11090	7340	3740	1500	13800	12120	10410	6880	3510	1420
		W	1280	900	970	650	330	130	1200	850	910	610	310	120	1140	810	870	590	300	110
80	26.7	Q(Btu/h)	16090	14220	12140	8040	4100	1650	15240	13440	11500	7620	3890	1560	14310	12600	10800	7150	3650	1470
		W	1220	860	920	610	300	120	1150	810	870	570	280	110	1100	780	830	550	270	100
75	23.9	Q(Btu/h)	16660	14700	12580	8320	4250	1700	15780	13920	11920	7890	4030	1610	14820	13080	11190	7400	3780	1520
		W	1160	820	870	590	300	120	1090	770	820	550	280	110	1040	740	780	530	270	100
70	21.1	Q(Btu/h)	17230	15210	13000	8600	4390	1760	16320	14400	12320	8160	4160	1670	15330	13530	11570	7650	3900	1580
		W	1110	780	830	550	280	110	1040	730	780	510	260	100	990	700	740	490	250	90
65	18.3	Q(Btu/h)	14720	12990	11110	7360	3760	1500	13940	12300	10530	6980	3560	1420	13090	11560	9890	6540	3340	1340
		W	890	630	670	450	240	100	830	590	630	420	220	90	790	570	600	400	210	80
60	15.6	Q(Btu/h)	14720	12990	11110	7360	3760	1500	13940	12300	10530	6980	3560	1420	13090	11560	9890	6540	3340	1340
		W	890	630	670	450	240	100	830	590	630	420	220	90	790	570	600	400	210	80
55	12.8	Q(Btu/h)	14720	12990	11110	7360	3760	1500	13940	12300	10530	6980	3560	1420	13090	11560	9890	6540	3340	1340
		W	890	630	670	450	240	100	830	590	630	420	220	90	790	570	600	400	210	80
50	10.0	Q(Btu/h)	14720	12990	11110	7360	3760	1500	13940	12300	10530	6980	3560	1420	13090	11560	9890	6540	3340	1340
		W	890	630	670	450	240	100	830	590	630	420	220	90	790	570	600	400	210	80
45	7.2	Q(Btu/h)	14720	12990	11110	7360	3760	1500	13940	12300	10530	6980	3560	1420	13090	11560	9890	6540	3340	1340
		W	890	630	670	450	240	100	830	590	630	420	220	90	790	570	600	400	210	80
40	4.4	Q(Btu/h)	14720	12990	11110	7360	3760	1500	13940	12300	10530	6980	3560	1420	13090	11560	9890	6540	3340	1340
		W	890	630	670	450	240	100	830	590	630	420	220	90	790	570	600	400	210	80
35	1.7	Q(Btu/h)	14720	12990	11110	7360	3760	1500	13940	12300	10530	6980	3560	1420	13090	11560	9890	6540	3340	1340
		W	890	630	670	450	240	100	830	590	630	420	220	90	790	570	600	400	210	80
30	-1.1	Q(Btu/h)	14720	12990	11110	7360	3760	1500	13940	12300	10530	6980	3560	1420	13090	11560	9890	6540	3340	1340
		W	890	630	670	450	240	100	830	590	630	420	220	90	790	570	600	400	210	80
25	-3.9	Q(Btu/h)	14720	12990	11110	7360	3760	1500	13940	12300	10530	6980	3560	1420	13090	11560	9890	6540	3340	1340
		W	890	630	670	450	240	100	830	590	630	420	220	90	790	570	600	400	210	80
20	-6.7	Q(Btu/h)	14720	12990	11110	7360	3760	1500	13940	12300	10530	6980	3560	1420	13090	11560	9890	6540	3340	1340
		W	890	630	670	450	240	100	830	590	630	420	220	90	790	570	600	400	210	80
15	-9.4	Q(Btu/h)	14720	12990	11110	7360	3760	1500	13940	12300	10530	6980	3560	1420	13090	11560	9890	6540	3340	1340
		W	890	630	670	450	240	100	830	590	630	420	220	90	790	570	600	400	210	80

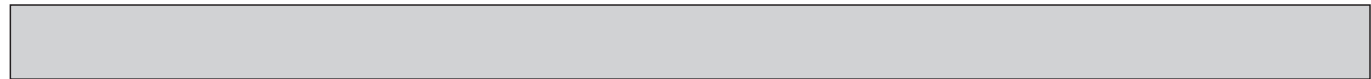
* It may not reach the above capacities in low ambient temperatures.

MSZ-GL12NA
MUZ-GL12NAH
2) HEATING

Rated
Q(Btu/h): 14400
W: 1100

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)	21810	17990	16460	10900	5560	2230		22700	18720	17130	11340	5790	2320		23590	19450	17800	11780	6020	2410	
		W	1970	1250	1490	980	500	200		1870	1190	1410	930	470	190		1770	1130	1330	880	440	180	
60	15.6	Q(Btu/h)	20750	17010	15670	10380	5300	2120		21650	17750	16350	10830	5530	2210		22550	18490	17030	11280	5760	2300	
		W	1900	1240	1440	960	480	190		1800	1180	1370	910	460	180		1700	1120	1300	860	440	170	
55	12.8	Q(Btu/h)	19680	16030	14870	9850	5030	2010		20600	16780	15560	10310	5260	2100		21520	17530	16250	10770	5490	2190	
		W	1810	1230	1370	910	460	190		1720	1170	1300	860	440	180		1630	1110	1230	810	420	170	
50	10.0	Q(Btu/h)	18610	15050	14050	9310	4750	1900		19550	15810	14760	9780	4990	2000		20490	16570	15470	10250	5230	2100	
		W	1740	1210	1310	860	440	180		1650	1150	1240	820	420	170		1560	1090	1170	780	400	160	
45	7.2	Q(Btu/h)	17540	14060	13250	8770	4480	1790		18500	14830	13970	9250	4720	1890		19460	15600	14690	9730	4960	1990	
		W	1660	1180	1260	840	430	170		1580	1120	1200	800	410	160		1500	1060	1140	760	390	150	
43	6.1	Q(Btu/h)	17140	13640	12930	8560	4370	1750		18100	14400	13660	9040	4620	1850		19060	15160	14390	9520	4870	1950	
		W	1710	1160	1290	850	430	170		1620	1100	1220	810	410	160		1530	1040	1150	770	390	150	
40	4.4	Q(Btu/h)	16300	13030	12310	8150	4160	1660		17250	13790	13030	8630	4400	1760		18200	14550	13750	9110	4640	1860	
		W	1610	1150	1210	800	400	160		1530	1090	1150	760	380	150		1450	1030	1090	720	360	140	
35	1.7	Q(Btu/h)	15440	11990	11660	7730	3940	1580		16400	12740	12390	8210	4190	1680		17360	13490	13120	8690	4440	1780	
		W	1520	1110	1140	750	390	160		1440	1050	1080	710	370	150		1360	990	1020	670	350	140	
30	-1.1	Q(Btu/h)	14390	11040	10860	7190	3670	1460		15350	11770	11580	7670	3910	1560		16310	12500	12300	8150	4150	1660	
		W	1570	1180	1220	850	500	280		1500	1130	1160	810	480	270		1430	1080	1100	770	460	260	
25	-3.9	Q(Btu/h)	13340	10080	10080	6670	3410	1360		14300	10800	10800	7150	3650	1460		15260	11520	11520	7630	3890	1560	
		W	1500	1120	1170	830	490	280		1430	1070	1120	790	470	270		1360	1020	1070	750	450	260	
20	-6.7	Q(Btu/h)	12330	9110	9310	6160	3130	1250		13300	9830	10040	6640	3380	1350		14270	10550	10770	7120	3630	1450	
		W	1430	1050	1110	770	460	260		1360	1000	1060	740	440	250		1290	950	1010	710	420	240	
15	-9.4	Q(Btu/h)	11300	8140	8540	5650	2880	1150		12300	8860	9290	6150	3130	1250		13300	9580	10040	6650	3380	1350	
		W	1350	960	1050	730	440	260		1290	920	1000	700	420	250		1230	880	950	670	400	240	
10	-12.2	Q(Btu/h)	10200	7120	7700	5100	2600	1040		11250	7850	8490	5620	2870	1150		12300	8580	9280	6140	3140	1260	
		W	1280	880	1000	710	420	250		1220	840	960	680	410	240		1160	800	920	650	400	230	
5	-15.0	Q(Btu/h)	9080	6090	6860	4540	2320	930		10200	6840	7700	5100	2600	1040		11320	7590	8540	5660	2880	1150	
		W	1200	780	950	670	400	240		1150	750	910	640	390	230		1100	720	870	610	380	220	
0	-17.8	Q(Btu/h)	7810	4830	5890	3900	1990	800		9000	5570	6790	4490	2290	920		10190	6310	7690	5080	2590	1040	
		W	1120	700	870	630	380	240		1070	670	830	600	370	230		1020	640	790	570	360	220	
-4	-20.0	Q(Btu/h)	6590	3630	4970	3290	1680	680		7800	4300	5880	3900	1990	800		9010	4970	6790	4510	2300	920	
		W	1030	600	800	570	350	210		980	580	770	550	340	210		930	560	740	530	330	210	

* Above data is for heating operation without any frost.



MSZ-GL15NA
MUZ-GL15NA
1) COOLING

Rated
Q(Btu/h): 14000
W: 1080

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)	16440	12880	12410	8210	4200	2730	15560	11970	11750	7780	3980	2590	14620	10920	11040	7310	3740	2430
		W	2350	1240	1770	1200	610	390	2220	1200	1680	1120	580	380	2110	1140	1600	1080	550	350
110	43.3	Q(Btu/h)	17170	13440	12970	8580	4390	2860	16250	12500	12280	8130	4160	2710	15270	11450	11540	7640	3910	2540
		W	2300	1220	1730	1160	580	370	2170	1170	1640	1080	550	360	2070	1120	1560	1040	520	330
105	40.6	Q(Btu/h)	17880	14000	13500	8950	4580	2980	16930	13020	12790	8480	4340	2830	15910	11970	12020	7970	4070	2650
		W	2250	1190	1690	1150	580	370	2120	1140	1600	1070	550	360	2020	1100	1520	1030	520	330
100	37.8	Q(Btu/h)	18560	14530	14010	9270	4740	3090	17570	13510	13270	8780	4490	2930	16510	12570	12470	8250	4220	2750
		W	2180	1160	1640	1100	550	350	2060	1110	1550	1030	530	340	1960	1070	1480	990	510	320
95	35.0	Q(Btu/h)	19230	15050	14520	9610	4910	3190	18200	14000	13750	9100	4650	3030	17110	13160	12920	8550	4370	2840
		W	2120	1130	1590	1070	530	340	2000	1080	1510	1000	510	330	1900	1030	1440	960	490	310
90	32.2	Q(Btu/h)	20000	15540	15110	10010	5120	3330	18930	14560	14310	9480	4850	3160	17790	13650	13450	8910	4550	2960
		W	2040	1090	1540	1050	520	340	1930	1040	1460	980	500	330	1840	1000	1390	940	480	310
85	29.4	Q(Btu/h)	20770	16030	15680	10380	5310	3460	19660	15120	14850	9830	5030	3280	18480	14140	13960	9230	4720	3080
		W	1960	1050	1480	1000	500	320	1850	1000	1400	930	480	310	1760	960	1330	900	460	290
80	26.7	Q(Btu/h)	21540	16590	16260	10760	5490	3570	20390	15680	15400	10190	5200	3390	19160	14700	14470	9570	4880	3180
		W	1880	1010	1400	940	470	300	1770	960	1330	880	450	290	1690	910	1270	850	430	270
75	23.9	Q(Btu/h)	22300	17150	16840	11150	5700	3710	21110	16240	15950	10560	5400	3520	19840	15260	14990	9920	5070	3300
		W	1780	960	1340	890	450	290	1680	910	1270	830	430	280	1600	860	1210	800	410	260
70	21.1	Q(Btu/h)	23070	17740	17420	11540	5900	3840	21840	16800	16500	10930	5590	3640	20530	15790	15510	10270	5250	3410
		W	1700	910	1280	860	430	280	1600	860	1210	800	410	270	1520	810	1150	770	390	250
65	18.3	Q(Btu/h)	19710	15150	14890	9850	5030	3280	18660	14350	14100	9330	4770	3110	17540	13490	13250	8770	4480	2910
		W	1750	940	1320	890	450	290	1650	890	1250	830	430	280	1570	840	1190	800	410	260
60	15.6	Q(Btu/h)	19710	15150	14890	9850	5030	3280	18660	14350	14100	9330	4770	3110	17540	13490	13250	8770	4480	2910
		W	1750	940	1320	890	450	290	1650	890	1250	830	430	280	1570	840	1190	800	410	260
55	12.8	Q(Btu/h)	19710	15150	14890	9850	5030	3280	18660	14350	14100	9330	4770	3110	17540	13490	13250	8770	4480	2910
		W	1750	940	1320	890	450	290	1650	890	1250	830	430	280	1570	840	1190	800	410	260
50	10.0	Q(Btu/h)	19710	15150	14890	9850	5030	3280	18660	14350	14100	9330	4770	3110	17540	13490	13250	8770	4480	2910
		W	1750	940	1320	890	450	290	1650	890	1250	830	430	280	1570	840	1190	800	410	260
45	7.2	Q(Btu/h)	19710	15150	14890	9850	5030	3280	18660	14350	14100	9330	4770	3110	17540	13490	13250	8770	4480	2910
		W	1750	940	1320	890	450	290	1650	890	1250	830	430	280	1570	840	1190	800	410	260
40	4.4	Q(Btu/h)	19710	15150	14890	9850	5030	3280	18660	14350	14100	9330	4770	3110	17540	13490	13250	8770	4480	2910
		W	1750	940	1320	890	450	290	1650	890	1250	830	430	280	1570	840	1190	800	410	260
35	1.7	Q(Btu/h)	19710	15150	14890	9850	5030	3280	18660	14350	14100	9330	4770	3110	17540	13490	13250	8770	4480	2910
		W	1750	940	1320	890	450	290	1650	890	1250	830	430	280	1570	840	1190	800	410	260
30	-1.1	Q(Btu/h)	19710	15150	14890	9850	5030	3280	18660	14350	14100	9330	4770	3110	17540	13490	13250	8770	4480	2910
		W	1750	940	1320	890	450	290	1650	890	1250	830	430	280	1570	840	1190	800	410	260
25	-3.9	Q(Btu/h)	19710	15150	14890	9850	5030	3280	18660	14350	14100	9330	4770	3110	17540	13490	13250	8770	4480	2910
		W	1750	940	1320	890	450	290	1650	890	1250	830	430	280	1570	840	1190	800	410	260
20	-6.7	Q(Btu/h)	19710	15150	14890	9850	5030	3280	18660	14350	14100	9330	4770	3110	17540	13490	13250	8770	4480	2910
		W	1750	940	1320	890	450	290	1650	890	1250	830	430	280	1570	840	1190	800	410	260
15	-9.4	Q(Btu/h)	19710	15150	14890	9850	5030	3280	18660	14350	14100	9330	4770	3110	17540	13490	13250	8770	4480	2910
		W	1750	940	1320	890	450	290	1650	890	1250	830	430	280	1570	840	1190	800	410	260

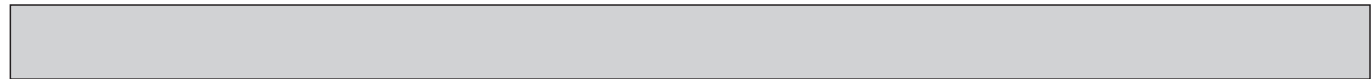
* It may not reach the above capacities in low ambient temperatures.

MSZ-GL15NA
MUZ-GL15NA
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)	23930	22480	18060	11960	6100	3520		24900	23400	18800	12450	6350	3660		25870	24320	19540	12940	6600	3800	
		W	2110	1820	1580	1040	540	310		2000	1730	1500	990	510	290		1890	1640	1420	940	480	270	
60	15.6	Q(Btu/h)	23000	21270	17370	11500	5870	3380		24000	22190	18120	12000	6120	3530		25000	23110	18870	12500	6370	3680	
		W	2160	1810	1630	1090	560	330		2050	1720	1550	1030	530	310		1940	1630	1470	970	500	290	
55	12.8	Q(Btu/h)	22070	20030	16660	11030	5630	3250		23100	20970	17440	11550	5890	3400		24130	21910	18220	12070	6150	3550	
		W	2200	1790	1660	1110	560	330		2090	1700	1580	1050	530	310		1980	1610	1500	990	500	290	
50	10.0	Q(Btu/h)	21130	18810	15940	10560	5390	3110		22200	19760	16750	11090	5660	3270		23270	20710	17560	11620	5930	3430	
		W	2170	1760	1640	1100	560	330		2060	1670	1560	1040	530	310		1950	1580	1480	980	500	290	
45	7.2	Q(Btu/h)	20200	17580	15250	10100	5150	2970		21300	18540	16080	10650	5430	3130		22400	19500	16910	11200	5710	3290	
		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)	19790	17040	14940	9900	5050	2920		20900	18000	15780	10450	5330	3080		22010	18960	16620	11000	5610	3240	
		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)	19090	16290	14410	9540	4870	2810		20200	17240	15250	10100	5150	2970		21310	18190	16090	10660	5430	3130	
		W	2050	1660	1550	1020	520	290		1950	1580	1470	970	490	280		1850	1500	1390	920	460	270	
35	1.7	Q(Btu/h)	18360	15000	13860	9180	4680	2700		19500	15930	14720	9750	4970	2870		20640	16860	15580	10320	5260	3040	
		W	1990	1600	1510	990	510	290		1890	1520	1430	940	480	280		1790	1440	1350	890	450	270	
30	-1.1	Q(Btu/h)	17440	13800	13170	8730	4440	2560		18600	14720	14050	9310	4740	2730		19760	15640	14930	9890	5040	2900	
		W	1940	1530	1460	970	500	280		1840	1450	1390	920	470	270		1740	1370	1320	870	440	260	
25	-3.9	Q(Btu/h)	16520	12600	12470	8260	4210	2430		17700	13500	13360	8850	4510	2600		18880	14400	14250	9440	4810	2770	
		W	1880	1440	1420	940	480	280		1780	1370	1350	890	460	270		1680	1300	1280	840	440	260	
20	-6.7	Q(Btu/h)	15580	11390	11760	7790	3970	2290		16800	12290	12680	8400	4280	2470		18020	13190	13600	9010	4590	2650	
		W	1820	1330	1380	920	460	260		1730	1260	1310	870	440	250		1640	1190	1240	820	420	240	
15	-9.4	Q(Btu/h)	14610	10170	11030	7300	3720	2150		15900	11070	12000	7950	4050	2340		17190	11970	12970	8600	4380	2530	
		W	1770	1210	1340	880	450	260		1680	1150	1270	840	430	250		1590	1090	1200	800	410	240	
10	-12.2	Q(Btu/h)	13610	8900	10270	6800	3460	2000		15000	9810	11320	7500	3820	2200		16390	10720	12370	8200	4180	2400	
		W	1720	1090	1300	850	430	250		1630	1030	1230	810	410	240		1540	970	1160	770	390	230	
5	-15.0	Q(Btu/h)	12560	7610	9490	6290	3210	1850		14100	8550	10650	7060	3600	2080		15640	9490	11810	7830	3990	2310	
		W	1650	950	1250	830	430	250		1570	900	1190	790	410	240		1490	850	1130	750	390	230	
0	-17.8	Q(Btu/h)	11370	6110	8590	5690	2900	1680		13100	7040	9900	6550	3340	1930		14830	7970	11210	7410	3780	2180	
		W	1570	820	1180	780	390	220		1490	780	1120	740	370	210		1410	740	1060	700	350	200	
-4	-20.0	Q(Btu/h)	10220	4670	7710	5100	2600	1500		12100	5530	9130	6040	3080	1780		13980	6390	10550	6980	3560	2060	
		W	1470	700	1110	730	370	210		1400	660	1050	690	350	200		1330	620	990	650	330	190	

* Above data is for heating operation without any frost.



MSZ-GL15NA
MUZ-GL15NAH
1) COOLING

Rated
Q(Btu/h): 14000
W: 1080

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)	16440	12880	12410	8210	4200	2730	15560	11970	11750	7780	3980	2590	14620	10920	11040	7310	3740	2430
		W	2350	1240	1770	1200	610	390	2220	1200	1680	1120	580	380	2110	1140	1600	1080	550	350
110	43.3	Q(Btu/h)	17170	13440	12970	8580	4390	2860	16250	12500	12280	8130	4160	2710	15270	11450	11540	7640	3910	2540
		W	2300	1220	1730	1160	580	370	2170	1170	1640	1080	550	360	2070	1120	1560	1040	520	330
105	40.6	Q(Btu/h)	17880	14000	13500	8950	4580	2980	16930	13020	12790	8480	4340	2830	15910	11970	12020	7970	4070	2650
		W	2250	1190	1690	1150	580	370	2120	1140	1600	1070	550	360	2020	1100	1520	1030	520	330
100	37.8	Q(Btu/h)	18560	14530	14010	9270	4740	3090	17570	13510	13270	8780	4490	2930	16510	12570	12470	8250	4220	2750
		W	2180	1160	1640	1100	550	350	2060	1110	1550	1030	530	340	1960	1070	1480	990	510	320
95	35.0	Q(Btu/h)	19230	15050	14520	9610	4910	3190	18200	14000	13750	9100	4650	3030	17110	13160	12920	8550	4370	2840
		W	2120	1130	1590	1070	530	340	2000	1080	1510	1000	510	330	1900	1030	1440	960	490	310
90	32.2	Q(Btu/h)	20000	15540	15110	10010	5120	3330	18930	14560	14310	9480	4850	3160	17790	13650	13450	8910	4550	2960
		W	2040	1090	1540	1050	520	340	1930	1040	1460	980	500	330	1840	1000	1390	940	480	310
85	29.4	Q(Btu/h)	20770	16030	15680	10380	5310	3460	19660	15120	14850	9830	5030	3280	18480	14140	13960	9230	4720	3080
		W	1960	1050	1480	1000	500	320	1850	1000	1400	930	480	310	1760	960	1330	900	460	290
80	26.7	Q(Btu/h)	21540	16590	16260	10760	5490	3570	20390	15680	15400	10190	5200	3390	19160	14700	14470	9570	4880	3180
		W	1880	1010	1400	940	470	300	1770	960	1330	880	450	290	1690	910	1270	850	430	270
75	23.9	Q(Btu/h)	22300	17150	16840	11150	5700	3710	21110	16240	15950	10560	5400	3520	19840	15260	14990	9920	5070	3300
		W	1780	960	1340	890	450	290	1680	910	1270	830	430	280	1600	860	1210	800	410	260
70	21.1	Q(Btu/h)	23070	17740	17420	11540	5900	3840	21840	16800	16500	10930	5590	3640	20530	15790	15510	10270	5250	3410
		W	1700	910	1280	860	430	280	1600	860	1210	800	410	270	1520	810	1150	770	390	250
65	18.3	Q(Btu/h)	19710	15150	14890	9850	5030	3280	18660	14350	14100	9330	4770	3110	17540	13490	13250	8770	4480	2910
		W	1750	940	1320	890	450	290	1650	890	1250	830	430	280	1570	840	1190	800	410	260
60	15.6	Q(Btu/h)	19710	15150	14890	9850	5030	3280	18660	14350	14100	9330	4770	3110	17540	13490	13250	8770	4480	2910
		W	1750	940	1320	890	450	290	1650	890	1250	830	430	280	1570	840	1190	800	410	260
55	12.8	Q(Btu/h)	19710	15150	14890	9850	5030	3280	18660	14350	14100	9330	4770	3110	17540	13490	13250	8770	4480	2910
		W	1750	940	1320	890	450	290	1650	890	1250	830	430	280	1570	840	1190	800	410	260
50	10.0	Q(Btu/h)	19710	15150	14890	9850	5030	3280	18660	14350	14100	9330	4770	3110	17540	13490	13250	8770	4480	2910
		W	1750	940	1320	890	450	290	1650	890	1250	830	430	280	1570	840	1190	800	410	260
45	7.2	Q(Btu/h)	19710	15150	14890	9850	5030	3280	18660	14350	14100	9330	4770	3110	17540	13490	13250	8770	4480	2910
		W	1750	940	1320	890	450	290	1650	890	1250	830	430	280	1570	840	1190	800	410	260
40	4.4	Q(Btu/h)	19710	15150	14890	9850	5030	3280	18660	14350	14100	9330	4770	3110	17540	13490	13250	8770	4480	2910
		W	1750	940	1320	890	450	290	1650	890	1250	830	430	280	1570	840	1190	800	410	260
35	1.7	Q(Btu/h)	19710	15150	14890	9850	5030	3280	18660	14350	14100	9330	4770	3110	17540	13490	13250	8770	4480	2910
		W	1750	940	1320	890	450	290	1650	890	1250	830	430	280	1570	840	1190	800	410	260
30	-1.1	Q(Btu/h)	19710	15150	14890	9850	5030	3280	18660	14350	14100	9330	4770	3110	17540	13490	13250	8770	4480	2910
		W	1750	940	1320	890	450	290	1650	890	1250	830	430	280	1570	840	1190	800	410	260
25	-3.9	Q(Btu/h)	19710	15150	14890	9850	5030	3280	18660	14350	14100	9330	4770	3110	17540	13490	13250	8770	4480	2910
		W	1750	940	1320	890	450	290	1650	890	1250	830	430	280	1570	840	1190	800	410	260
20	-6.7	Q(Btu/h)	19710	15150	14890	9850	5030	3280	18660	14350	14100	9330	4770	3110	17540	13490	13250	8770	4480	2910
		W	1750	940	1320	890	450	290	1650	890	1250	830	430	280	1570	840	1190	800	410	260
15	-9.4	Q(Btu/h)	19710	15150	14890	9850	5030	3280	18660	14350	14100	9330	4770	3110	17540	13490	13250	8770	4480	2910
		W	1750	940	1320	890	450	290	1650	890	1250	830	430	280	1570	840	1190	800	410	260

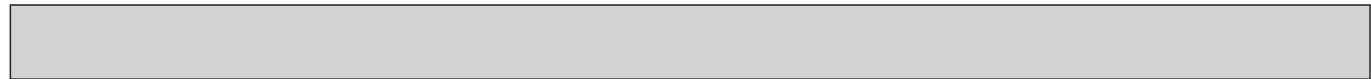
* It may not reach the above capacities in low ambient temperatures.

MSZ-GL15NA
MUZ-GL15NAH
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)	23930	22480	18060	11960	6100	3520		24900	23400	18800	12450	6350	3660		25870	24320	19540	12940	6600	3800	
		W	2110	1820	1580	1040	540	310		2000	1730	1500	990	510	290		1890	1640	1420	940	480	270	
60	15.6	Q(Btu/h)	23000	21270	17370	11500	5870	3380		24000	22190	18120	12000	6120	3530		25000	23110	18870	12500	6370	3680	
		W	2160	1810	1630	1090	560	330		2050	1720	1550	1030	530	310		1940	1630	1470	970	500	290	
55	12.8	Q(Btu/h)	22070	20030	16660	11030	5630	3250		23100	20970	17440	11550	5890	3400		24130	21910	18220	12070	6150	3550	
		W	2200	1790	1660	1110	560	330		2090	1700	1580	1050	530	310		1980	1610	1500	990	500	290	
50	10.0	Q(Btu/h)	21130	18810	15940	10560	5390	3110		22200	19760	16750	11090	5660	3270		23270	20710	17560	11620	5930	3430	
		W	2170	1760	1640	1100	560	330		2060	1670	1560	1040	530	310		1950	1580	1480	980	500	290	
45	7.2	Q(Btu/h)	20200	17580	15250	10100	5150	2970		21300	18540	16080	10650	5430	3130		22400	19500	16910	11200	5710	3290	
		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)	19790	17040	14940	9900	5050	2920		20900	18000	15780	10450	5330	3080		22010	18960	16620	11000	5610	3240	
		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)	19090	16290	14410	9540	4870	2810		20200	17240	15250	10100	5150	2970		21310	18190	16090	10660	5430	3130	
		W	2050	1660	1550	1020	520	290		1950	1580	1470	970	490	280		1850	1500	1390	920	460	270	
35	1.7	Q(Btu/h)	18360	15000	13860	9180	4680	2700		19500	15930	14720	9750	4970	2870		20640	16860	15580	10320	5260	3040	
		W	1990	1600	1510	990	510	290		1890	1520	1430	940	480	280		1790	1440	1350	890	450	270	
30	-1.1	Q(Btu/h)	17440	13800	13170	8730	4440	2560		18600	14720	14050	9310	4740	2730		19760	15640	14930	9890	5040	2900	
		W	2070	1660	1590	1100	630	410		1970	1580	1520	1050	600	400		1870	1500	1450	1000	570	390	
25	-3.9	Q(Btu/h)	16520	12600	12470	8260	4210	2430		17700	13500	13360	8850	4510	2600		18880	14400	14250	9440	4810	2770	
		W	2010	1570	1550	1070	610	410		1910	1500	1480	1020	590	400		1810	1430	1410	970	570	390	
20	-6.7	Q(Btu/h)	15580	11390	11760	7790	3970	2290		16800	12290	12680	8400	4280	2470		18020	13190	13600	9010	4590	2650	
		W	1950	1460	1510	1050	590	390		1860	1390	1440	1000	570	380		1770	1320	1370	950	550	370	
15	-9.4	Q(Btu/h)	14610	10170	11030	7300	3720	2150		15900	11070	12000	7950	4050	2340		17190	11970	12970	8600	4380	2530	
		W	1900	1340	1470	1010	580	390		1810	1280	1400	970	560	380		1720	1220	1330	930	540	370	
10	-12.2	Q(Btu/h)	13610	8900	10270	6800	3460	2000		15000	9810	11320	7500	3820	2200		16390	10720	12370	8200	4180	2400	
		W	1850	1220	1430	980	560	380		1760	1160	1360	940	540	370		1670	1100	1290	900	520	360	
5	-15.0	Q(Btu/h)	12560	7610	9490	6290	3210	1850		14100	8550	10650	7060	3600	2080		15640	9490	11810	7830	3990	2310	
		W	1780	1080	1380	960	560	380		1700	1030	1320	920	540	370		1620	980	1260	880	520	360	
0	-17.8	Q(Btu/h)	11370	6110	8590	5690	2900	1680		13100	7040	9900	6550	3340	1930		14830	7970	11210	7410	3780	2180	
		W	1700	950	1310	910	520	350		1620	910	1250	870	500	340		1540	870	1190	830	480	330	
-4	-20.0	Q(Btu/h)	10220	4670	7710	5100	2600	1500		12100	5530	9130	6040	3080	1780		13980	6390	10550	6980	3560	2060	
		W	1600	830	1240	860	500	340		1530	790	1180	820	480	330		1460	750	1120	780	460	320	

* Above data is for heating operation without any frost.



MSZ-GL18NA
MUZ-GL18NA
1) COOLING

Rated
Q(Btu/h): 18000
W: 1340

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)	19860	16560	15000	9930	5050	4040	18810	15390	14200	9400	4790	3830	17670	14040	13350	8830	4500	3590
		W	2520	1540	1900	1250	620	500	2390	1490	1810	1200	610	490	2270	1420	1720	1130	560	450
110	43.3	Q(Btu/h)	20740	17280	15670	10370	5290	4230	19640	16070	14830	9820	5010	4010	18450	14720	13940	9230	4700	3760
		W	2470	1510	1860	1220	600	490	2340	1460	1770	1170	590	480	2220	1400	1680	1110	540	440
105	40.6	Q(Btu/h)	21610	18000	16320	10800	5510	4400	20460	16740	15450	10220	5220	4170	19230	15390	14530	9600	4900	3910
		W	2410	1480	1810	1200	600	480	2280	1420	1720	1150	590	470	2170	1370	1630	1090	540	430
100	37.8	Q(Btu/h)	22420	18680	16940	11210	5710	4570	21230	17370	16030	10610	5410	4330	19950	16160	15070	9970	5080	4060
		W	2340	1450	1760	1150	570	460	2220	1380	1670	1100	560	450	2110	1330	1580	1040	510	410
95	35.0	Q(Btu/h)	23230	19350	17560	11620	5920	4740	22000	18000	16620	11000	5610	4490	20670	16920	15630	10340	5270	4210
		W	2270	1410	1700	1120	550	440	2150	1340	1620	1070	540	430	2040	1280	1540	1010	490	400
90	32.2	Q(Btu/h)	24160	19980	18260	12090	6160	4930	22880	18720	17280	11440	5840	4670	21500	17550	16250	10750	5480	4380
		W	2180	1360	1640	1090	540	440	2070	1290	1560	1040	530	430	1970	1240	1480	980	480	400
85	29.4	Q(Btu/h)	25090	20610	18970	12550	6400	5120	23760	19440	17950	11880	6060	4850	22330	18180	16880	11160	5690	4550
		W	2100	1310	1590	1040	520	420	1990	1240	1510	1000	510	410	1890	1190	1430	950	470	380
80	26.7	Q(Btu/h)	26020	21330	19660	13020	6630	5310	24640	20160	18610	12320	6280	5030	23150	18900	17500	11580	5890	4720
		W	2000	1250	1510	1000	500	400	1900	1190	1440	960	490	390	1810	1130	1370	910	450	360
75	23.9	Q(Btu/h)	26950	22050	20360	13480	6870	5500	25520	20880	19270	12760	6510	5210	23980	19620	18120	11990	6110	4890
		W	1910	1190	1440	950	480	380	1810	1130	1370	910	470	370	1720	1070	1300	860	430	340
70	21.1	Q(Btu/h)	27880	22810	21070	13960	7110	5690	26400	21600	19940	13210	6740	5390	24810	20300	18750	12410	6330	5060
		W	1800	1130	1370	900	450	360	1710	1070	1300	860	440	350	1620	1010	1230	810	400	320
65	18.3	Q(Btu/h)	23810	19480	18000	11920	6080	4870	22550	18450	17030	11280	5760	4610	21190	17340	16010	10600	5410	4330
		W	2030	1270	1530	1000	500	400	1930	1200	1450	960	490	390	1830	1130	1370	900	450	360
60	15.6	Q(Btu/h)	23810	19480	18000	11920	6080	4870	22550	18450	17030	11280	5760	4610	21190	17340	16010	10600	5410	4330
		W	2030	1270	1530	1000	500	400	1930	1200	1450	960	490	390	1830	1130	1370	900	450	360
55	12.8	Q(Btu/h)	23810	19480	18000	11920	6080	4870	22550	18450	17030	11280	5760	4610	21190	17340	16010	10600	5410	4330
		W	2030	1270	1530	1000	500	400	1930	1200	1450	960	490	390	1830	1130	1370	900	450	360
50	10.0	Q(Btu/h)	23810	19480	18000	11920	6080	4870	22550	18450	17030	11280	5760	4610	21190	17340	16010	10600	5410	4330
		W	2030	1270	1530	1000	500	400	1930	1200	1450	960	490	390	1830	1130	1370	900	450	360
45	7.2	Q(Btu/h)	23810	19480	18000	11920	6080	4870	22550	18450	17030	11280	5760	4610	21190	17340	16010	10600	5410	4330
		W	2030	1270	1530	1000	500	400	1930	1200	1450	960	490	390	1830	1130	1370	900	450	360
40	4.4	Q(Btu/h)	23810	19480	18000	11920	6080	4870	22550	18450	17030	11280	5760	4610	21190	17340	16010	10600	5410	4330
		W	2030	1270	1530	1000	500	400	1930	1200	1450	960	490	390	1830	1130	1370	900	450	360
35	1.7	Q(Btu/h)	23810	19480	18000	11920	6080	4870	22550	18450	17030	11280	5760	4610	21190	17340	16010	10600	5410	4330
		W	2030	1270	1530	1000	500	400	1930	1200	1450	960	490	390	1830	1130	1370	900	450	360
30	-1.1	Q(Btu/h)	23810	19480	18000	11920	6080	4870	22550	18450	17030	11280	5760	4610	21190	17340	16010	10600	5410	4330
		W	2030	1270	1530	1000	500	400	1930	1200	1450	960	490	390	1830	1130	1370	900	450	360
25	-3.9	Q(Btu/h)	23810	19480	18000	11920	6080	4870	22550	18450	17030	11280	5760	4610	21190	17340	16010	10600	5410	4330
		W	2030	1270	1530	1000	500	400	1930	1200	1450	960	490	390	1830	1130	1370	900	450	360
20	-6.7	Q(Btu/h)	23810	19480	18000	11920	6080	4870	22550	18450	17030	11280	5760	4610	21190	17340	16010	10600	5410	4330
		W	2030	1270	1530	1000	500	400	1930	1200	1450	960	490	390	1830	1130	1370	900	450	360
15	-9.4	Q(Btu/h)	23810	19480	18000	11920	6080	4870	22550	18450	17030	11280	5760	4610	21190	17340	16010	10600	5410	4330
		W	2030	1270	1530	1000	500	400	1930	1200	1450	960	490	390	1830	1130	1370	900	450	360

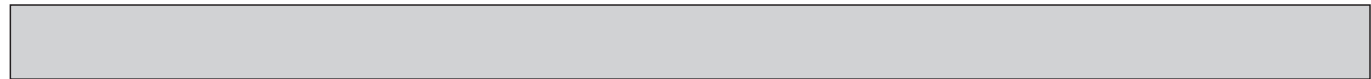
* It may not reach the above capacities in low ambient temperatures.

MSZ-GL18NA
MUZ-GL18NA
2) HEATING

Rated
Q(Btu/h): 21600
W: 1680

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)	29500	26980	22190	14870	7310	5040	30700	28080	23090	15480	7610	5250	31900	29180	23990	16090	7910	5460
		W	2990	1910	2240	1500	740	510	2840	1810	2130	1420	700	480	2690	1710	2020	1340	660	450
60	15.6	Q(Btu/h)	28130	25520	21150	14190	6970	4800	29350	26620	22070	14800	7270	5010	30570	27720	22990	15410	7570	5220
		W	2920	1900	2200	1470	730	510	2770	1800	2090	1400	690	480	2620	1700	1980	1330	650	450
55	12.8	Q(Btu/h)	26750	24040	20120	13490	6630	4580	28000	25160	21060	14120	6940	4790	29250	26280	22000	14750	7250	5000
		W	2830	1880	2130	1430	710	480	2690	1780	2020	1360	670	460	2550	1680	1910	1290	630	440
50	10.0	Q(Btu/h)	25370	22570	19070	12790	6290	4340	26650	23710	20040	13440	6610	4560	27930	24850	21010	14090	6930	4780
		W	2750	1840	2060	1380	670	460	2610	1750	1960	1310	640	440	2470	1660	1860	1240	610	420
45	7.2	Q(Btu/h)	23990	21100	18050	12100	5950	4100	25300	22250	19030	12760	6270	4320	26610	23400	20010	13420	6590	4540
		W	2670	1800	2000	1340	650	450	2530	1710	1900	1270	620	430	2390	1620	1800	1200	590	410
43	6.1	Q(Btu/h)	23670	20450	17810	11940	5870	4050	25000	21600	18810	12610	6200	4280	26330	22750	19810	13280	6530	4510
		W	2630	1770	1980	1330	650	450	2500	1680	1880	1260	620	430	2370	1590	1780	1190	590	410
40	4.4	Q(Btu/h)	22490	19550	16910	11340	5570	3850	23800	20690	17900	12000	5900	4070	25110	21830	18890	12660	6230	4290
		W	2570	1750	1930	1300	630	430	2440	1660	1830	1230	600	410	2310	1570	1730	1160	570	390
35	1.7	Q(Btu/h)	21280	18000	16000	10730	5270	3630	22600	19120	17000	11400	5600	3860	23920	20240	18000	12070	5930	4090
		W	2510	1690	1900	1270	620	430	2380	1600	1800	1210	590	410	2250	1510	1700	1150	560	390
30	-1.1	Q(Btu/h)	19880	16560	14960	10030	4930	3400	21200	17660	15950	10700	5260	3630	22520	18760	16940	11370	5590	3860
		W	2430	1600	1820	1220	600	410	2310	1520	1730	1160	570	390	2190	1440	1640	1100	540	370
25	-3.9	Q(Btu/h)	18480	15120	13890	9310	4580	3160	19800	16200	14890	9980	4910	3390	21120	17280	15890	10650	5240	3620
		W	2350	1520	1770	1190	590	410	2230	1440	1680	1130	560	390	2110	1360	1590	1070	530	370
20	-6.7	Q(Btu/h)	17380	13670	13080	8770	4310	2980	18750	14740	14110	9460	4650	3210	20120	15810	15140	10150	4990	3440
		W	2250	1400	1700	1140	560	390	2140	1330	1610	1080	530	370	2030	1260	1520	1020	500	350
15	-9.4	Q(Btu/h)	16260	12200	12230	8200	4030	2780	17700	13280	13310	8930	4390	3030	19140	14360	14390	9660	4750	3280
		W	2160	1270	1620	1100	540	370	2050	1210	1540	1040	510	350	1940	1150	1460	980	480	330
10	-12.2	Q(Btu/h)	14880	10680	11190	7510	3690	2550	16400	11770	12340	8280	4070	2810	17920	12860	13490	9050	4450	3070
		W	2080	1140	1560	1040	520	360	1970	1080	1480	990	490	340	1860	1020	1400	940	460	320
5	-15.0	Q(Btu/h)	13450	9140	10120	6790	3340	2310	15100	10260	11360	7620	3750	2590	16750	11380	12600	8450	4160	2870
		W	1980	1000	1490	990	480	340	1880	950	1410	940	460	320	1780	900	1330	890	440	300
0	-17.8	Q(Btu/h)	11890	7620	8940	5990	2940	2030	13700	8780	10300	6900	3390	2340	15510	9940	11660	7810	3840	2650
		W	1890	870	1420	950	460	320	1790	830	1350	900	440	300	1690	790	1280	850	420	280
-4	-20.0	Q(Btu/h)	10470	6160	7870	5280	2590	1790	12400	7300	9320	6250	3070	2120	14330	8440	10770	7220	3550	2450
		W	1800	750	1350	910	450	320	1710	710	1280	860	430	300	1620	670	1210	810	410	280

* Above data is for heating operation without any frost.



MSZ-GL18NA
MUZ-GL18NAH
1) COOLING

Rated
Q(Btu/h): 18000
W: 1340

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)	19860	16560	15000	9930	5050	4040	18810	15390	14200	9400	4790	3830	17670	14040	13350	8830	4500	3590
		W	2520	1540	1900	1250	620	500	2390	1490	1810	1200	610	490	2270	1420	1720	1130	560	450
110	43.3	Q(Btu/h)	20740	17280	15670	10370	5290	4230	19640	16070	14830	9820	5010	4010	18450	14720	13940	9230	4700	3760
		W	2470	1510	1860	1220	600	490	2340	1460	1770	1170	590	480	2220	1400	1680	1110	540	440
105	40.6	Q(Btu/h)	21610	18000	16320	10800	5510	4400	20460	16740	15450	10220	5220	4170	19230	15390	14530	9600	4900	3910
		W	2410	1480	1810	1200	600	480	2280	1420	1720	1150	590	470	2170	1370	1630	1090	540	430
100	37.8	Q(Btu/h)	22420	18680	16940	11210	5710	4570	21230	17370	16030	10610	5410	4330	19950	16160	15070	9970	5080	4060
		W	2340	1450	1760	1150	570	460	2220	1380	1670	1100	560	450	2110	1330	1580	1040	510	410
95	35.0	Q(Btu/h)	23230	19350	17560	11620	5920	4740	22000	18000	16620	11000	5610	4490	20670	16920	15630	10340	5270	4210
		W	2270	1410	1700	1120	550	440	2150	1340	1620	1070	540	430	2040	1280	1540	1010	490	400
90	32.2	Q(Btu/h)	24160	19980	18260	12090	6160	4930	22880	18720	17280	11440	5840	4670	21500	17550	16250	10750	5480	4380
		W	2180	1360	1640	1090	540	440	2070	1290	1560	1040	530	430	1970	1240	1480	980	480	400
85	29.4	Q(Btu/h)	25090	20610	18970	12550	6400	5120	23760	19440	17950	11880	6060	4850	22330	18180	16880	11160	5690	4550
		W	2100	1310	1590	1040	520	420	1990	1240	1510	1000	510	410	1890	1190	1430	950	470	380
80	26.7	Q(Btu/h)	26020	21330	19660	13020	6630	5310	24640	20160	18610	12320	6280	5030	23150	18900	17500	11580	5890	4720
		W	2000	1250	1510	1000	500	400	1900	1190	1440	960	490	390	1810	1130	1370	910	450	360
75	23.9	Q(Btu/h)	26950	22050	20360	13480	6870	5500	25520	20880	19270	12760	6510	5210	23980	19620	18120	11990	6110	4890
		W	1910	1190	1440	950	480	380	1810	1130	1370	910	470	370	1720	1070	1300	860	430	340
70	21.1	Q(Btu/h)	27880	22810	21070	13960	7110	5690	26400	21600	19940	13210	6740	5390	24810	20300	18750	12410	6330	5060
		W	1800	1130	1370	900	450	360	1710	1070	1300	860	440	350	1620	1010	1230	810	400	320
65	18.3	Q(Btu/h)	23810	19480	18000	11920	6080	4870	22550	18450	17030	11280	5760	4610	21190	17340	16010	10600	5410	4330
		W	2030	1270	1530	1000	500	400	1930	1200	1450	960	490	390	1830	1130	1370	900	450	360
60	15.6	Q(Btu/h)	23810	19480	18000	11920	6080	4870	22550	18450	17030	11280	5760	4610	21190	17340	16010	10600	5410	4330
		W	2030	1270	1530	1000	500	400	1930	1200	1450	960	490	390	1830	1130	1370	900	450	360
55	12.8	Q(Btu/h)	23810	19480	18000	11920	6080	4870	22550	18450	17030	11280	5760	4610	21190	17340	16010	10600	5410	4330
		W	2030	1270	1530	1000	500	400	1930	1200	1450	960	490	390	1830	1130	1370	900	450	360
50	10.0	Q(Btu/h)	23810	19480	18000	11920	6080	4870	22550	18450	17030	11280	5760	4610	21190	17340	16010	10600	5410	4330
		W	2030	1270	1530	1000	500	400	1930	1200	1450	960	490	390	1830	1130	1370	900	450	360
45	7.2	Q(Btu/h)	23810	19480	18000	11920	6080	4870	22550	18450	17030	11280	5760	4610	21190	17340	16010	10600	5410	4330
		W	2030	1270	1530	1000	500	400	1930	1200	1450	960	490	390	1830	1130	1370	900	450	360
40	4.4	Q(Btu/h)	23810	19480	18000	11920	6080	4870	22550	18450	17030	11280	5760	4610	21190	17340	16010	10600	5410	4330
		W	2030	1270	1530	1000	500	400	1930	1200	1450	960	490	390	1830	1130	1370	900	450	360
35	1.7	Q(Btu/h)	23810	19480	18000	11920	6080	4870	22550	18450	17030	11280	5760	4610	21190	17340	16010	10600	5410	4330
		W	2030	1270	1530	1000	500	400	1930	1200	1450	960	490	390	1830	1130	1370	900	450	360
30	-1.1	Q(Btu/h)	23810	19480	18000	11920	6080	4870	22550	18450	17030	11280	5760	4610	21190	17340	16010	10600	5410	4330
		W	2030	1270	1530	1000	500	400	1930	1200	1450	960	490	390	1830	1130	1370	900	450	360
25	-3.9	Q(Btu/h)	23810	19480	18000	11920	6080	4870	22550	18450	17030	11280	5760	4610	21190	17340	16010	10600	5410	4330
		W	2030	1270	1530	1000	500	400	1930	1200	1450	960	490	390	1830	1130	1370	900	450	360
20	-6.7	Q(Btu/h)	23810	19480	18000	11920	6080	4870	22550	18450	17030	11280	5760	4610	21190	17340	16010	10600	5410	4330
		W	2030	1270	1530	1000	500	400	1930	1200	1450	960	490	390	1830	1130	1370	900	450	360
15	-9.4	Q(Btu/h)	23810	19480	18000	11920	6080	4870	22550	18450	17030	11280	5760	4610	21190	17340	16010	10600	5410	4330
		W	2030	1270	1530	1000	500	400	1930	1200	1450	960	490	390	1830	1130	1370	900	450	360

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

MSZ-GL18NA
MUZ-GL18NAH
2) HEATING

Rated
Q(Btu/h): 21600
W: 1680

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)	29500	26980	22190	14870	7310	5040	30700	28080	23090	15480	7610	5250	31900	29180	23990	16090	7910	5460
		W	2990	1910	2240	1500	740	510	2840	1810	2130	1420	700	480	2690	1710	2020	1340	660	450
60	15.6	Q(Btu/h)	28130	25520	21150	14190	6970	4800	29350	26620	22070	14800	7270	5010	30570	27720	22990	15410	7570	5220
		W	2920	1900	2200	1470	730	510	2770	1800	2090	1400	690	480	2620	1700	1980	1330	650	450
55	12.8	Q(Btu/h)	26750	24040	20120	13490	6630	4580	28000	25160	21060	14120	6940	4790	29250	26280	22000	14750	7250	5000
		W	2830	1880	2130	1430	710	480	2690	1780	2020	1360	670	460	2550	1680	1910	1290	630	440
50	10.0	Q(Btu/h)	25370	22570	19070	12790	6290	4340	26650	23710	20040	13440	6610	4560	27930	24850	21010	14090	6930	4780
		W	2750	1840	2060	1380	670	460	2610	1750	1960	1310	640	440	2470	1660	1860	1240	610	420
45	7.2	Q(Btu/h)	23990	21100	18050	12100	5950	4100	25300	22250	19030	12760	6270	4320	26610	23400	20010	13420	6590	4540
		W	2670	1800	2000	1340	650	450	2530	1710	1900	1270	620	430	2390	1620	1800	1200	590	410
43	6.1	Q(Btu/h)	23670	20450	17810	11940	5870	4050	25000	21600	18810	12610	6200	4280	26330	22750	19810	13280	6530	4510
		W	2630	1770	1980	1330	650	450	2500	1680	1880	1260	620	430	2370	1590	1780	1190	590	410
40	4.4	Q(Btu/h)	22490	19550	16910	11340	5570	3850	23800	20690	17900	12000	5900	4070	25110	21830	18890	12660	6230	4290
		W	2570	1750	1930	1300	630	430	2440	1660	1830	1230	600	410	2310	1570	1730	1160	570	390
35	1.7	Q(Btu/h)	21280	18000	16000	10730	5270	3630	22600	19120	17000	11400	5600	3860	23920	20240	18000	12070	5930	4090
		W	2510	1690	1900	1270	620	430	2380	1600	1800	1210	590	410	2250	1510	1700	1150	560	390
30	-1.1	Q(Btu/h)	19880	16560	14960	10030	4930	3400	21200	17660	15950	10700	5260	3630	22520	18760	16940	11370	5590	3860
		W	2560	1730	1950	1350	730	540	2440	1650	1860	1290	700	520	2320	1570	1770	1230	670	500
25	-3.9	Q(Btu/h)	18480	15120	13890	9310	4580	3160	19800	16200	14890	9980	4910	3390	21120	17280	15890	10650	5240	3620
		W	2480	1650	1900	1320	720	540	2360	1570	1810	1260	690	520	2240	1490	1720	1200	660	500
20	-6.7	Q(Btu/h)	17380	13670	13080	8770	4310	2980	18750	14740	14110	9460	4650	3210	20120	15810	15140	10150	4990	3440
		W	2380	1530	1830	1270	690	520	2270	1460	1740	1210	660	500	2160	1390	1650	1150	630	480
15	-9.4	Q(Btu/h)	16260	12200	12230	8200	4030	2780	17700	13280	13310	8930	4390	3030	19140	14360	14390	9660	4750	3280
		W	2290	1400	1750	1230	670	500	2180	1340	1670	1170	640	480	2070	1280	1590	1110	610	460
10	-12.2	Q(Btu/h)	14880	10680	11190	7510	3690	2550	16400	11770	12340	8280	4070	2810	17920	12860	13490	9050	4450	3070
		W	2210	1270	1690	1170	650	490	2100	1210	1610	1120	620	470	1990	1150	1530	1070	590	450
5	-15.0	Q(Btu/h)	13450	9140	10120	6790	3340	2310	15100	10260	11360	7620	3750	2590	16750	11380	12600	8450	4160	2870
		W	2110	1130	1620	1120	610	470	2010	1080	1540	1070	590	450	1910	1030	1460	1020	570	430
0	-17.8	Q(Btu/h)	11890	7620	8940	5990	2940	2030	13700	8780	10300	6900	3390	2340	15510	9940	11660	7810	3840	2650
		W	2020	1000	1550	1080	590	450	1920	960	1480	1030	570	430	1820	920	1410	980	550	410
-4	-20.0	Q(Btu/h)	10470	6160	7870	5280	2590	1790	12400	7300	9320	6250	3070	2120	14330	8440	10770	7220	3550	2450
		W	1930	880	1480	1040	580	450	1840	840	1410	990	560	430	1750	800	1340	940	540	410

* Above data is for heating operation without any frost.

MSZ-GL24NA
MUZ-GL24NA
1) COOLING

Rated
Q(Btu/h): 22500
W: 1800

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)	28360	20700	21270	14170	7090	6140	26850	19240	20140	13430	6720	5820	25240	17550	18920	12610	6310	5460
		W	4210	2070	3150	2070	1030	900	3970	2000	2980	1980	990	860	3770	1910	2820	1860	920	810
110	43.3	Q(Btu/h)	29610	21600	22210	14810	7400	6410	28030	20090	21030	14030	7020	6080	26340	18400	19760	13180	6590	5700
		W	4110	2030	3080	2020	1010	880	3880	1960	2910	1930	970	840	3690	1880	2760	1810	910	790
105	40.6	Q(Btu/h)	30840	22500	23130	15410	7700	6670	29200	20930	21900	14600	7300	6330	27440	19240	20580	13710	6850	5940
		W	4020	1990	3000	1980	980	860	3790	1910	2840	1890	940	820	3600	1840	2690	1780	880	770
100	37.8	Q(Btu/h)	32010	23350	24000	15990	8000	6930	30300	21720	22730	15150	7580	6570	28480	20200	21360	14230	7110	6160
		W	3910	1940	2930	1930	960	830	3690	1860	2770	1840	920	790	3510	1780	2620	1730	860	740
95	35.0	Q(Btu/h)	33170	24190	24870	16570	8280	7170	31400	22500	23550	15700	7850	6800	29510	21150	22130	14740	7370	6380
		W	3790	1890	2830	1860	930	810	3580	1800	2680	1780	890	770	3400	1720	2540	1670	830	720
90	32.2	Q(Btu/h)	34500	24980	25860	17240	8620	7470	32660	23400	24490	16330	8170	7080	30700	21940	23010	15340	7670	6640
		W	3660	1830	2740	1810	900	780	3450	1740	2590	1730	870	750	3280	1660	2450	1630	810	700
85	29.4	Q(Btu/h)	35820	25760	26850	17900	8940	7750	33910	24300	25430	16960	8480	7350	31870	22730	23890	15930	7960	6890
		W	3510	1760	2620	1740	860	750	3310	1670	2480	1660	830	720	3150	1590	2350	1560	780	680
80	26.7	Q(Btu/h)	37150	26660	27860	18550	9270	8030	35170	25200	26380	17580	8790	7620	33060	23630	24790	16510	8250	7150
		W	3350	1680	2510	1650	820	720	3160	1590	2370	1580	790	690	3000	1520	2240	1490	740	650
75	23.9	Q(Btu/h)	38470	27560	28850	19230	9620	8330	36420	26100	27320	18220	9120	7900	34230	24530	25670	17110	8560	7410
		W	3190	1600	2390	1580	790	690	3010	1510	2260	1510	760	660	2860	1440	2140	1420	710	620
70	21.1	Q(Btu/h)	39800	28510	29840	19870	9940	8600	37680	27000	28260	18830	9420	8160	35410	25380	26550	17680	8840	7650
		W	3030	1530	2260	1500	750	650	2860	1440	2140	1430	720	620	2720	1370	2030	1340	670	580
65	18.3	Q(Btu/h)	34000	24360	25490	16980	8480	7350	32190	23070	24140	16090	8040	6970	30250	21690	22680	15110	7540	6530
		W	3420	1720	2570	1710	850	740	3230	1620	2430	1630	820	710	3070	1540	2310	1530	760	660
60	15.6	Q(Btu/h)	34000	24360	25490	16980	8480	7350	32190	23070	24140	16090	8040	6970	30250	21690	22680	15110	7540	6530
		W	3420	1720	2570	1710	850	740	3230	1620	2430	1630	820	710	3070	1540	2310	1530	760	660
55	12.8	Q(Btu/h)	34000	24360	25490	16980	8480	7350	32190	23070	24140	16090	8040	6970	30250	21690	22680	15110	7540	6530
		W	3420	1720	2570	1710	850	740	3230	1620	2430	1630	820	710	3070	1540	2310	1530	760	660
50	10.0	Q(Btu/h)	34000	24360	25490	16980	8480	7350	32190	23070	24140	16090	8040	6970	30250	21690	22680	15110	7540	6530
		W	3420	1720	2570	1710	850	740	3230	1620	2430	1630	820	710	3070	1540	2310	1530	760	660
45	7.2	Q(Btu/h)	34000	24360	25490	16980	8480	7350	32190	23070	24140	16090	8040	6970	30250	21690	22680	15110	7540	6530
		W	3420	1720	2570	1710	850	740	3230	1620	2430	1630	820	710	3070	1540	2310	1530	760	660
40	4.4	Q(Btu/h)	34000	24360	25490	16980	8480	7350	32190	23070	24140	16090	8040	6970	30250	21690	22680	15110	7540	6530
		W	3420	1720	2570	1710	850	740	3230	1620	2430	1630	820	710	3070	1540	2310	1530	760	660
35	1.7	Q(Btu/h)	34000	24360	25490	16980	8480	7350	32190	23070	24140	16090	8040	6970	30250	21690	22680	15110	7540	6530
		W	3420	1720	2570	1710	850	740	3230	1620	2430	1630	820	710	3070	1540	2310	1530	760	660
30	-1.1	Q(Btu/h)	34000	24360	25490	16980	8480	7350	32190	23070	24140	16090	8040	6970	30250	21690	22680	15110	7540	6530
		W	3420	1720	2570	1710	850	740	3230	1620	2430	1630	820	710	3070	1540	2310	1530	760	660
25	-3.9	Q(Btu/h)	34000	24360	25490	16980	8480	7350	32190	23070	24140	16090	8040	6970	30250	21690	22680	15110	7540	6530
		W	3420	1720	2570	1710	850	740	3230	1620	2430	1630	820	710	3070	1540	2310	1530	760	660
20	-6.7	Q(Btu/h)	34000	24360	25490	16980	8480	7350	32190	23070	24140	16090	8040	6970	30250	21690	22680	15110	7540	6530
		W	3420	1720	2570	1710	850	740	3230	1620	2430	1630	820	710	3070	1540	2310	1530	760	660
15	-9.4	Q(Btu/h)	34000	24360	25490	16980	8480	7350	32190	23070	24140	16090	8040	6970	30250	21690	22680	15110	7540	6530
		W	3420	1720	2570	1710	850	740	3230	1620	2430	1630	820	710	3070	1540	2310	1530	760	660

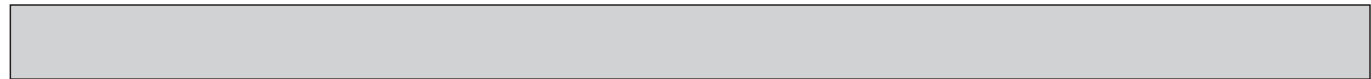
* It may not reach the above capacities in low ambient temperatures.

MSZ-GL24NA
MUZ-GL24NA
2) HEATING

Rated
Q(Btu/h): 27600
W: 2340

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)	36700	26980	27530	18350	9180	7960	38200	28080	28650	19100	9550	8280	39700	29180	29770	19850	9920	8600
		W	4060	2670	3040	2030	1010	870	3850	2530	2890	1930	960	830	3640	2390	2740	1830	910	790
60	15.6	Q(Btu/h)	36620	28870	27460	18310	9150	7940	38200	30120	28650	19100	9550	8280	39780	31370	29840	19890	9950	8620
		W	4000	2640	3000	2000	1000	860	3800	2510	2850	1900	950	820	3600	2380	2700	1800	900	780
55	12.8	Q(Btu/h)	36490	30710	27370	18250	9120	7910	38200	32150	28650	19100	9550	8280	39910	33590	29930	19950	9980	8650
		W	3940	2610	2960	1980	990	850	3740	2480	2810	1880	940	810	3540	2350	2660	1780	890	770
50	10.0	Q(Btu/h)	35790	28830	26840	17890	8950	7760	37600	30290	28200	18800	9400	8150	39410	31750	29560	19710	9850	8540
		W	3890	2570	2920	1950	980	850	3690	2440	2770	1850	930	810	3490	2310	2620	1750	880	770
45	7.2	Q(Btu/h)	35090	26960	26320	17540	8770	7610	37000	28430	27750	18500	9250	8020	38910	29900	29180	19460	9730	8430
		W	3820	2520	2880	1920	960	830	3630	2390	2730	1820	910	790	3440	2260	2580	1720	860	750
43	6.1	Q(Btu/h)	34940	26130	26210	17470	8740	7580	36900	27600	27680	18450	9230	8000	38860	29070	29150	19430	9720	8420
		W	3770	2470	2820	1880	940	810	3580	2340	2680	1780	890	770	3390	2210	2540	1680	840	730
40	4.4	Q(Btu/h)	32550	24970	24410	16280	8140	7050	34450	26430	25840	17230	8610	7460	36350	27890	27270	18180	9080	7870
		W	3740	2430	2800	1880	940	810	3550	2310	2660	1780	890	770	3360	2190	2520	1680	840	730
35	1.7	Q(Btu/h)	30120	23000	22590	15060	7530	6520	32000	24430	24000	16000	8000	6930	33880	25860	25410	16940	8470	7340
		W	3710	2340	2780	1850	930	800	3520	2220	2640	1760	880	760	3330	2100	2500	1670	830	720
30	-1.1	Q(Btu/h)	27710	21160	20780	13860	6930	6000	29550	22570	22160	14780	7390	6400	31390	23980	23540	15700	7850	6800
		W	3660	2220	2740	1820	910	790	3470	2110	2600	1730	860	750	3280	2000	2460	1640	810	710
25	-3.9	Q(Btu/h)	25290	19320	18970	12640	6330	5490	27100	20700	20330	13550	6780	5880	28910	22080	21690	14460	7230	6270
		W	3590	2110	2700	1800	910	790	3410	2000	2560	1710	860	750	3230	1890	2420	1620	810	710
20	-6.7	Q(Btu/h)	23970	17470	17980	11990	5990	5190	25850	18840	19390	12930	6460	5600	27730	20210	20800	13870	6930	6010
		W	3470	1940	2600	1740	870	760	3290	1840	2470	1650	830	720	3110	1740	2340	1560	790	680
15	-9.4	Q(Btu/h)	22600	15590	16950	11300	5650	4900	24600	16970	18450	12300	6150	5330	26600	18350	19950	13300	6650	5760
		W	3330	1770	2490	1660	830	720	3160	1680	2360	1580	790	680	2990	1590	2230	1500	750	640
10	-12.2	Q(Btu/h)	20320	13640	15240	10160	5080	4400	22400	15040	16800	11200	5600	4850	24480	16440	18360	12240	6120	5300
		W	3240	1580	2430	1620	810	710	3080	1500	2310	1540	770	670	2920	1420	2190	1460	730	630
5	-15.0	Q(Btu/h)	17990	11680	13490	9000	4500	3900	20200	13110	15150	10100	5050	4380	22410	14540	16810	11200	5600	4860
		W	3150	1390	2360	1570	780	670	2990	1320	2240	1490	740	640	2830	1250	2120	1410	700	610
0	-17.8	Q(Btu/h)	15620	9730	11720	7810	3910	3390	18000	11210	13500	9000	4500	3900	20380	12690	15280	10190	5090	4410
		W	3060	1290	2300	1530	770	660	2900	1220	2180	1450	730	630	2740	1150	2060	1370	690	600
-4	-20.0	Q(Btu/h)	13340	7850	10010	6670	3340	2890	15800	9300	11850	7900	3950	3420	18260	10750	13690	9130	4560	3950
		W	2930	1180	2190	1450	730	630	2780	1120	2080	1380	690	600	2630	1060	1970	1310	650	570

* Above data is for heating operation without any frost.



MSZ-GL24NA
MUZ-GL24NAH
1) COOLING

Rated
Q(Btu/h): 22500
W: 1800

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)	28360	20700	21270	14170	7090	6140	26850	19240	20140	13430	6720	5820	25240	17550	18920	12610	6310	5460
		W	4210	2070	3150	2070	1030	900	3970	2000	2980	1980	990	860	3770	1910	2820	1860	920	810
110	43.3	Q(Btu/h)	29610	21600	22210	14810	7400	6410	28030	20090	21030	14030	7020	6080	26340	18400	19760	13180	6590	5700
		W	4110	2030	3080	2020	1010	880	3880	1960	2910	1930	970	840	3690	1880	2760	1810	910	790
105	40.6	Q(Btu/h)	30840	22500	23130	15410	7700	6670	29200	20930	21900	14600	7300	6330	27440	19240	20580	13710	6850	5940
		W	4020	1990	3000	1980	980	860	3790	1910	2840	1890	940	820	3600	1840	2690	1780	880	770
100	37.8	Q(Btu/h)	32010	23350	24000	15990	8000	6930	30300	21720	22730	15150	7580	6570	28480	20200	21360	14230	7110	6160
		W	3910	1940	2930	1930	960	830	3690	1860	2770	1840	920	790	3510	1780	2620	1730	860	740
95	35.0	Q(Btu/h)	33170	24190	24870	16570	8280	7170	31400	22500	23550	15700	7850	6800	29510	21150	22130	14740	7370	6380
		W	3790	1890	2830	1860	930	810	3580	1800	2680	1780	890	770	3400	1720	2540	1670	830	720
90	32.2	Q(Btu/h)	34500	24980	25860	17240	8620	7470	32660	23400	24490	16330	8170	7080	30700	21940	23010	15340	7670	6640
		W	3660	1830	2740	1810	900	780	3450	1740	2590	1730	870	750	3280	1660	2450	1630	810	700
85	29.4	Q(Btu/h)	35820	25760	26850	17900	8940	7750	33910	24300	25430	16960	8480	7350	31870	22730	23890	15930	7960	6890
		W	3510	1760	2620	1740	860	750	3310	1670	2480	1660	830	720	3150	1590	2350	1560	780	680
80	26.7	Q(Btu/h)	37150	26660	27860	18550	9270	8030	35170	25200	26380	17580	8790	7620	33060	23630	24790	16510	8250	7150
		W	3350	1680	2510	1650	820	720	3160	1590	2370	1580	790	690	3000	1520	2240	1490	740	650
75	23.9	Q(Btu/h)	38470	27560	28850	19230	9620	8330	36420	26100	27320	18220	9120	7900	34230	24530	25670	17110	8560	7410
		W	3190	1600	2390	1580	790	690	3010	1510	2260	1510	760	660	2860	1440	2140	1420	710	620
70	21.1	Q(Btu/h)	39800	28510	29840	19870	9940	8600	37680	27000	28260	18830	9420	8160	35410	25380	26550	17680	8840	7650
		W	3030	1530	2260	1500	750	650	2860	1440	2140	1430	720	620	2720	1370	2030	1340	670	580
65	18.3	Q(Btu/h)	34000	24360	25490	16980	8480	7350	32190	23070	24140	16090	8040	6970	30250	21690	22680	15110	7540	6530
		W	3420	1720	2570	1710	850	740	3230	1620	2430	1630	820	710	3070	1540	2310	1530	760	660
60	15.6	Q(Btu/h)	34000	24360	25490	16980	8480	7350	32190	23070	24140	16090	8040	6970	30250	21690	22680	15110	7540	6530
		W	3420	1720	2570	1710	850	740	3230	1620	2430	1630	820	710	3070	1540	2310	1530	760	660
55	12.8	Q(Btu/h)	34000	24360	25490	16980	8480	7350	32190	23070	24140	16090	8040	6970	30250	21690	22680	15110	7540	6530
		W	3420	1720	2570	1710	850	740	3230	1620	2430	1630	820	710	3070	1540	2310	1530	760	660
50	10.0	Q(Btu/h)	34000	24360	25490	16980	8480	7350	32190	23070	24140	16090	8040	6970	30250	21690	22680	15110	7540	6530
		W	3420	1720	2570	1710	850	740	3230	1620	2430	1630	820	710	3070	1540	2310	1530	760	660
45	7.2	Q(Btu/h)	34000	24360	25490	16980	8480	7350	32190	23070	24140	16090	8040	6970	30250	21690	22680	15110	7540	6530
		W	3420	1720	2570	1710	850	740	3230	1620	2430	1630	820	710	3070	1540	2310	1530	760	660
40	4.4	Q(Btu/h)	34000	24360	25490	16980	8480	7350	32190	23070	24140	16090	8040	6970	30250	21690	22680	15110	7540	6530
		W	3420	1720	2570	1710	850	740	3230	1620	2430	1630	820	710	3070	1540	2310	1530	760	660
35	1.7	Q(Btu/h)	34000	24360	25490	16980	8480	7350	32190	23070	24140	16090	8040	6970	30250	21690	22680	15110	7540	6530
		W	3420	1720	2570	1710	850	740	3230	1620	2430	1630	820	710	3070	1540	2310	1530	760	660
30	-1.1	Q(Btu/h)	34000	24360	25490	16980	8480	7350	32190	23070	24140	16090	8040	6970	30250	21690	22680	15110	7540	6530
		W	3420	1720	2570	1710	850	740	3230	1620	2430	1630	820	710	3070	1540	2310	1530	760	660
25	-3.9	Q(Btu/h)	34000	24360	25490	16980	8480	7350	32190	23070	24140	16090	8040	6970	30250	21690	22680	15110	7540	6530
		W	3420	1720	2570	1710	850	740	3230	1620	2430	1630	820	710	3070	1540	2310	1530	760	660
20	-6.7	Q(Btu/h)	34000	24360	25490	16980	8480	7350	32190	23070	24140	16090	8040	6970	30250	21690	22680	15110	7540	6530
		W	3420	1720	2570	1710	850	740	3230	1620	2430	1630	820	710	3070	1540	2310	1530	760	660
15	-9.4	Q(Btu/h)	34000	24360	25490	16980	8480	7350	32190	23070	24140	16090	8040	6970	30250	21690	22680	15110	7540	6530
		W	3420	1720	2570	1710	850	740	3230	1620	2430	1630	820	710	3070	1540	2310	1530	760	660

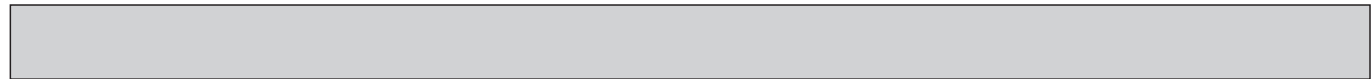
* It may not reach the above capacities in low ambient temperatures.

MSZ-GL24NA
MUZ-GL24NAH
2) HEATING

Rated
Q(Btu/h): 27600
W: 2340

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)	36700	26980	27530	18350	9180	7960	38200	28080	28650	19100	9550	8280	39700	29180	29770	19850	9920	8600
		W	4060	2670	3040	2030	1010	870	3850	2530	2890	1930	960	830	3640	2390	2740	1830	910	790
60	15.6	Q(Btu/h)	36620	28870	27460	18310	9150	7940	38200	30120	28650	19100	9550	8280	39780	31370	29840	19890	9950	8620
		W	4000	2640	3000	2000	1000	860	3800	2510	2850	1900	950	820	3600	2380	2700	1800	900	780
55	12.8	Q(Btu/h)	36490	30710	27370	18250	9120	7910	38200	32150	28650	19100	9550	8280	39910	33590	29930	19950	9980	8650
		W	3940	2610	2960	1980	990	850	3740	2480	2810	1880	940	810	3540	2350	2660	1780	890	770
50	10.0	Q(Btu/h)	35790	28830	26840	17890	8950	7760	37600	30290	28200	18800	9400	8150	39410	31750	29560	19710	9850	8540
		W	3890	2570	2920	1950	980	850	3690	2440	2770	1850	930	810	3490	2310	2620	1750	880	770
45	7.2	Q(Btu/h)	35090	26960	26320	17540	8770	7610	37000	28430	27750	18500	9250	8020	38910	29900	29180	19460	9730	8430
		W	3820	2520	2880	1920	960	830	3630	2390	2730	1820	910	790	3440	2260	2580	1720	860	750
43	6.1	Q(Btu/h)	34940	26130	26210	17470	8740	7580	36900	27600	27680	18450	9230	8000	38860	29070	29150	19430	9720	8420
		W	3770	2470	2820	1880	940	810	3580	2340	2680	1780	890	770	3390	2210	2540	1680	840	730
40	4.4	Q(Btu/h)	32550	24970	24410	16280	8140	7050	34450	26430	25840	17230	8610	7460	36350	27890	27270	18180	9080	7870
		W	3740	2430	2800	1880	940	810	3550	2310	2660	1780	890	770	3360	2190	2520	1680	840	730
35	1.7	Q(Btu/h)	30120	23000	22590	15060	7530	6520	32000	24430	24000	16000	8000	6930	33880	25860	25410	16940	8470	7340
		W	3710	2340	2780	1850	930	800	3520	2220	2640	1760	880	760	3330	2100	2500	1670	830	720
30	-1.1	Q(Btu/h)	27710	21160	20780	13860	6930	6000	29550	22570	22160	14780	7390	6400	31390	23980	23540	15700	7850	6800
		W	3790	2350	2870	1950	1040	920	3600	2240	2730	1860	990	880	3410	2130	2590	1770	940	840
25	-3.9	Q(Btu/h)	25290	19320	18970	12640	6330	5490	27100	20700	20330	13550	6780	5880	28910	22080	21690	14460	7230	6270
		W	3720	2240	2830	1930	1040	920	3540	2130	2690	1840	990	880	3360	2020	2550	1750	940	840
20	-6.7	Q(Btu/h)	23970	17470	17980	11990	5990	5190	25850	18840	19390	12930	6460	5600	27730	20210	20800	13870	6930	6010
		W	3600	2070	2730	1870	1000	890	3420	1970	2600	1780	960	850	3240	1870	2470	1690	920	810
15	-9.4	Q(Btu/h)	22600	15590	16950	11300	5650	4900	24600	16970	18450	12300	6150	5330	26600	18350	19950	13300	6650	5760
		W	3460	1900	2620	1790	960	850	3290	1810	2490	1710	920	810	3120	1720	2360	1630	880	770
10	-12.2	Q(Btu/h)	20320	13640	15240	10160	5080	4400	22400	15040	16800	11200	5600	4850	24480	16440	18360	12240	6120	5300
		W	3370	1710	2560	1750	940	840	3210	1630	2440	1670	900	800	3050	1550	2320	1590	860	760
5	-15.0	Q(Btu/h)	17990	11680	13490	9000	4500	3900	20200	13110	15150	10100	5050	4380	22410	14540	16810	11200	5600	4860
		W	3280	1520	2490	1700	910	800	3120	1450	2370	1620	870	770	2960	1380	2250	1540	830	740
0	-17.8	Q(Btu/h)	15620	9730	11720	7810	3910	3390	18000	11210	13500	9000	4500	3900	20380	12690	15280	10190	5090	4410
		W	3190	1420	2430	1660	900	790	3030	1350	2310	1580	860	760	2870	1280	2190	1500	820	730
-4	-20.0	Q(Btu/h)	13340	7850	10010	6670	3340	2890	15800	9300	11850	7900	3950	3420	18260	10750	13690	9130	4560	3950
		W	3060	1310	2320	1580	860	760	2910	1250	2210	1510	820	730	2760	1190	2100	1440	780	700

* Above data is for heating operation without any frost.



MSY-GL09NA
MUY-GL09NA
1) COOLING

Rated
Q(Btu/h): 9000
W: 585

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)	11020	8280	8290	5570	-	3320	10430	7700	7850	5270	-	3140	9800	7020	7380	4960	-	2960
		W	1240	670	930	650	-	400	1170	650	880	600	-	360	1120	620	840	590	-	360
110	43.3	Q(Btu/h)	11510	8640	8660	5830	-	3470	10890	8040	8200	5510	-	3280	10240	7360	7710	5190	-	3090
		W	1200	660	910	630	-	390	1140	640	860	580	-	350	1090	610	820	570	-	350
105	40.6	Q(Btu/h)	11990	9000	9020	6060	-	3610	11350	8370	8540	5730	-	3410	10670	7700	8030	5390	-	3210
		W	1170	650	880	600	-	370	1110	620	830	550	-	330	1060	600	790	540	-	330
100	37.8	Q(Btu/h)	12450	9340	9370	6290	-	3750	11780	8690	8870	5950	-	3540	11070	8080	8340	5600	-	3330
		W	1140	630	870	600	-	370	1080	600	820	550	-	330	1030	580	780	540	-	330
95	35.0	Q(Btu/h)	12890	9680	9700	6520	-	3900	12200	9000	9180	6170	-	3680	11470	8460	8630	5810	-	3460
		W	1110	610	840	590	-	370	1050	585	790	540	-	330	1000	560	750	530	-	330
90	32.2	Q(Btu/h)	13410	10000	10090	6780	-	4040	12690	9360	9550	6410	-	3820	11930	8780	8980	6030	-	3600
		W	1070	590	810	550	-	330	1010	560	760	500	-	300	960	540	730	490	-	300
85	29.4	Q(Btu/h)	13930	10310	10480	7040	-	4200	13180	9720	9920	6660	-	3970	12390	9090	9320	6270	-	3740
		W	1030	570	770	550	-	330	970	540	730	500	-	300	930	520	700	490	-	300
80	26.7	Q(Btu/h)	14440	10670	10870	7320	-	4360	13670	10080	10290	6920	-	4120	12850	9450	9670	6510	-	3880
		W	980	550	740	510	-	310	930	520	700	470	-	280	890	500	670	460	-	280
75	23.9	Q(Btu/h)	14950	11030	11250	7560	-	4510	14150	10440	10650	7150	-	4260	13300	9810	10010	6730	-	4010
		W	930	520	700	480	-	290	880	490	660	440	-	260	840	470	630	430	-	260
70	21.1	Q(Btu/h)	15470	11410	11640	7810	-	4660	14640	10800	11020	7390	-	4400	13760	10150	10360	6960	-	4140
		W	890	500	670	470	-	290	840	470	630	430	-	260	800	450	600	420	-	260
65	18.3	Q(Btu/h)	13220	9750	9950	6680	-	3990	12510	9230	9420	6320	-	3770	11760	8670	8860	5950	-	3550
		W	1010	560	770	540	-	330	950	530	720	490	-	300	900	510	690	480	-	300
60	15.6	Q(Btu/h)	13220	9750	9950	6680	-	3990	12510	9230	9420	6320	-	3770	11760	8670	8860	5950	-	3550
		W	1010	560	770	540	-	330	950	530	720	490	-	300	900	510	690	480	-	300
55	12.8	Q(Btu/h)	13220	9750	9950	6680	-	3990	12510	9230	9420	6320	-	3770	11760	8670	8860	5950	-	3550
		W	1010	560	770	540	-	330	950	530	720	490	-	300	900	510	690	480	-	300
50	10.0	Q(Btu/h)	13220	9750	9950	6680	-	3990	12510	9230	9420	6320	-	3770	11760	8670	8860	5950	-	3550
		W	1010	560	770	540	-	330	950	530	720	490	-	300	900	510	690	480	-	300
45	7.2	Q(Btu/h)	13220	9750	9950	6680	-	3990	12510	9230	9420	6320	-	3770	11760	8670	8860	5950	-	3550
		W	1010	560	770	540	-	330	950	530	720	490	-	300	900	510	690	480	-	300
40	4.4	Q(Btu/h)	13220	9750	9950	6680	-	3990	12510	9230	9420	6320	-	3770	11760	8670	8860	5950	-	3550
		W	1010	560	770	540	-	330	950	530	720	490	-	300	900	510	690	480	-	300
35	1.7	Q(Btu/h)	13220	9750	9950	6680	-	3990	12510	9230	9420	6320	-	3770	11760	8670	8860	5950	-	3550
		W	1010	560	770	540	-	330	950	530	720	490	-	300	900	510	690	480	-	300
30	-1.1	Q(Btu/h)	13220	9750	9950	6680	-	3990	12510	9230	9420	6320	-	3770	11760	8670	8860	5950	-	3550
		W	1010	560	770	540	-	330	950	530	720	490	-	300	900	510	690	480	-	300
25	-3.9	Q(Btu/h)	13220	9750	9950	6680	-	3990	12510	9230	9420	6320	-	3770	11760	8670	8860	5950	-	3550
		W	1010	560	770	540	-	330	950	530	720	490	-	300	900	510	690	480	-	300
20	-6.7	Q(Btu/h)	13220	9750	9950	6680	-	3990	12510	9230	9420	6320	-	3770	11760	8670	8860	5950	-	3550
		W	1010	560	770	540	-	330	950	530	720	490	-	300	900	510	690	480	-	300
15	-9.4	Q(Btu/h)	13220	9750	9950	6680	-	3990	12510	9230	9420	6320	-	3770	11760	8670	8860	5950	-	3550
		W	1010	560	770	540	-	330	950	530	720	490	-	300	900	510	690	480	-	300

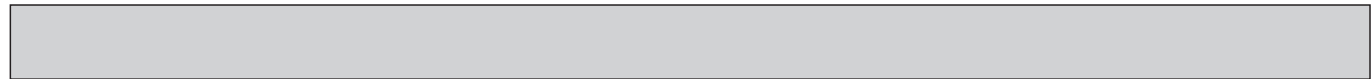
* It may not reach the above capacities in low ambient temperatures.

MSY-GL12NA
MUY-GL12NA
1) COOLING

Rated
Q(Btu/h): 12000
W: 920

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)	12280	11040	9270	6130	3130	1260	11630	10260	8780	5810	2970	1190	10920	9360	8240	5450	2790	1120
		W	1530	1060	1150	760	390	150	1440	1020	1080	710	360	140	1370	980	1030	680	350	130
110	43.3	Q(Btu/h)	12820	11520	9680	6400	3260	1310	12140	10710	9170	6070	3090	1240	11400	9810	8610	5690	2900	1170
		W	1500	1040	1140	760	390	150	1410	1000	1070	710	360	140	1350	960	1020	680	350	130
105	40.6	Q(Btu/h)	13360	12000	10080	6670	3410	1360	12650	11160	9550	6330	3230	1290	11880	10260	8970	5940	3030	1220
		W	1470	1020	1100	740	380	150	1380	980	1040	690	350	140	1320	940	990	660	340	130
100	37.8	Q(Btu/h)	13860	12450	10460	6920	3520	1410	13130	11580	9910	6560	3340	1340	12330	10770	9300	6150	3130	1270
		W	1430	1000	1070	710	360	140	1340	950	1010	660	340	130	1280	910	960	640	330	120
95	35.0	Q(Btu/h)	14360	12900	10840	7160	3660	1470	13600	12000	10270	6790	3470	1390	12770	11280	9640	6370	3250	1310
		W	1380	970	1040	710	360	140	1300	920	980	660	340	130	1240	880	930	640	330	120
90	32.2	Q(Btu/h)	14940	13320	11280	7470	3810	1520	14150	12480	10690	7080	3610	1440	13290	11700	10040	6640	3390	1360
		W	1330	940	1000	670	330	130	1250	890	940	620	310	120	1190	850	890	600	300	110
85	29.4	Q(Btu/h)	15510	13740	11700	7740	3940	1580	14690	12960	11090	7340	3740	1500	13800	12120	10410	6880	3510	1420
		W	1280	900	970	650	330	130	1200	850	910	610	310	120	1140	810	870	590	300	110
80	26.7	Q(Btu/h)	16090	14220	12140	8040	4100	1650	15240	13440	11500	7620	3890	1560	14310	12600	10800	7150	3650	1470
		W	1220	860	920	610	300	120	1150	810	870	570	280	110	1100	780	830	550	270	100
75	23.9	Q(Btu/h)	16660	14700	12580	8320	4250	1700	15780	13920	11920	7890	4030	1610	14820	13080	11190	7400	3780	1520
		W	1160	820	870	590	300	120	1090	770	820	550	280	110	1040	740	780	530	270	100
70	21.1	Q(Btu/h)	17230	15210	13000	8600	4390	1760	16320	14400	12320	8160	4160	1670	15330	13530	11570	7650	3900	1580
		W	1110	780	830	550	280	110	1040	730	780	510	260	100	990	700	740	490	250	90
65	18.3	Q(Btu/h)	14720	12990	11110	7360	3760	1500	13940	12300	10530	6980	3560	1420	13090	11560	9890	6540	3340	1340
		W	890	630	670	450	240	100	830	590	630	420	220	90	790	570	600	400	210	80
60	15.6	Q(Btu/h)	14720	12990	11110	7360	3760	1500	13940	12300	10530	6980	3560	1420	13090	11560	9890	6540	3340	1340
		W	890	630	670	450	240	100	830	590	630	420	220	90	790	570	600	400	210	80
55	12.8	Q(Btu/h)	14720	12990	11110	7360	3760	1500	13940	12300	10530	6980	3560	1420	13090	11560	9890	6540	3340	1340
		W	890	630	670	450	240	100	830	590	630	420	220	90	790	570	600	400	210	80
50	10.0	Q(Btu/h)	14720	12990	11110	7360	3760	1500	13940	12300	10530	6980	3560	1420	13090	11560	9890	6540	3340	1340
		W	890	630	670	450	240	100	830	590	630	420	220	90	790	570	600	400	210	80
45	7.2	Q(Btu/h)	14720	12990	11110	7360	3760	1500	13940	12300	10530	6980	3560	1420	13090	11560	9890	6540	3340	1340
		W	890	630	670	450	240	100	830	590	630	420	220	90	790	570	600	400	210	80
40	4.4	Q(Btu/h)	14720	12990	11110	7360	3760	1500	13940	12300	10530	6980	3560	1420	13090	11560	9890	6540	3340	1340
		W	890	630	670	450	240	100	830	590	630	420	220	90	790	570	600	400	210	80
35	1.7	Q(Btu/h)	14720	12990	11110	7360	3760	1500	13940	12300	10530	6980	3560	1420	13090	11560	9890	6540	3340	1340
		W	890	630	670	450	240	100	830	590	630	420	220	90	790	570	600	400	210	80
30	-1.1	Q(Btu/h)	14720	12990	11110	7360	3760	1500	13940	12300	10530	6980	3560	1420	13090	11560	9890	6540	3340	1340
		W	890	630	670	450	240	100	830	590	630	420	220	90	790	570	600	400	210	80
25	-3.9	Q(Btu/h)	14720	12990	11110	7360	3760	1500	13940	12300	10530	6980	3560	1420	13090	11560	9890	6540	3340	1340
		W	890	630	670	450	240	100	830	590	630	420	220	90	790	570	600	400	210	80
20	-6.7	Q(Btu/h)	14720	12990	11110	7360	3760	1500	13940	12300	10530	6980	3560	1420	13090	11560	9890	6540	3340	1340
		W	890	630	670	450	240	100	830	590	630	420	220	90	790	570	600	400	210	80
15	-9.4	Q(Btu/h)	14720	12990	11110	7360	3760	1500	13940	12300	10530	6980	3560	1420	13090	11560	9890	6540	3340	1340
		W	890	630	670	450	240	100	830	590	630	420	220	90	790	570	600	400	210	80

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



MSY-GL15NA
MUY-GL15NA
1) COOLING

Rated
Q(Btu/h): 14000
W: 1080

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)	16440	12880	12410	8210	4200	2730	15560	11970	11750	7780	3980	2590	14620	10920	11040	7310	3740	2430			
		W	2350	1240	1770	1200	610	390	2220	1200	1680	1120	580	380	2110	1140	1600	1080	550	350			
110	43.3	Q(Btu/h)	17170	13440	12970	8580	4390	2860	16250	12500	12280	8130	4160	2710	15270	11450	11540	7640	3910	2540			
		W	2300	1220	1730	1160	580	370	2170	1170	1640	1080	550	360	2070	1120	1560	1040	520	330			
105	40.6	Q(Btu/h)	17880	14000	13500	8950	4580	2980	16930	13020	12790	8480	4340	2830	15910	11970	12020	7970	4070	2650			
		W	2250	1190	1690	1150	580	370	2120	1140	1600	1070	550	360	2020	1100	1520	1030	520	330			
100	37.8	Q(Btu/h)	18560	14530	14010	9270	4740	3090	17570	13510	13270	8780	4490	2930	16510	12570	12470	8250	4220	2750			
		W	2180	1160	1640	1100	550	350	2060	1110	1550	1030	530	340	1960	1070	1480	990	510	320			
95	35.0	Q(Btu/h)	19230	15050	14520	9610	4910	3190	18200	14000	13750	9100	4650	3030	17110	13160	12920	8550	4370	2840			
		W	2120	1130	1590	1070	530	340	2000	1080	1510	1000	510	330	1900	1030	1440	960	490	310			
90	32.2	Q(Btu/h)	20000	15540	15110	10010	5120	3330	18930	14560	14310	9480	4850	3160	17790	13650	13450	8910	4550	2960			
		W	2040	1090	1540	1050	520	340	1930	1040	1460	980	500	330	1840	1000	1390	940	480	310			
85	29.4	Q(Btu/h)	20770	16030	15680	10380	5310	3460	19660	15120	14850	9830	5030	3280	18480	14140	13960	9230	4720	3080			
		W	1960	1050	1480	1000	500	320	1850	1000	1400	930	480	310	1760	960	1330	900	460	290			
80	26.7	Q(Btu/h)	21540	16590	16260	10760	5490	3570	20390	15680	15400	10190	5200	3390	19160	14700	14470	9570	4880	3180			
		W	1880	1010	1400	940	470	300	1770	960	1330	880	450	290	1690	910	1270	850	430	270			
75	23.9	Q(Btu/h)	22300	17150	16840	11150	5700	3710	21110	16240	15950	10560	5400	3520	19840	15260	14990	9920	5070	3300			
		W	1780	960	1340	890	450	290	1680	910	1270	830	430	280	1600	860	1210	800	410	260			
70	21.1	Q(Btu/h)	23070	17740	17420	11540	5900	3840	21840	16800	16500	10930	5590	3640	20530	15790	15510	10270	5250	3410			
		W	1700	910	1280	860	430	280	1600	860	1210	800	410	270	1520	810	1150	770	390	250			
65	18.3	Q(Btu/h)	19710	15150	14890	9850	5030	3280	18660	14350	14100	9330	4770	3110	17540	13490	13250	8770	4480	2910			
		W	1750	940	1320	890	450	290	1650	890	1250	830	430	280	1570	840	1190	800	410	260			
60	15.6	Q(Btu/h)	19710	15150	14890	9850	5030	3280	18660	14350	14100	9330	4770	3110	17540	13490	13250	8770	4480	2910			
		W	1750	940	1320	890	450	290	1650	890	1250	830	430	280	1570	840	1190	800	410	260			
55	12.8	Q(Btu/h)	19710	15150	14890	9850	5030	3280	18660	14350	14100	9330	4770	3110	17540	13490	13250	8770	4480	2910			
		W	1750	940	1320	890	450	290	1650	890	1250	830	430	280	1570	840	1190	800	410	260			
50	10.0	Q(Btu/h)	19710	15150	14890	9850	5030	3280	18660	14350	14100	9330	4770	3110	17540	13490	13250	8770	4480	2910			
		W	1750	940	1320	890	450	290	1650	890	1250	830	430	280	1570	840	1190	800	410	260			
45	7.2	Q(Btu/h)	19710	15150	14890	9850	5030	3280	18660	14350	14100	9330	4770	3110	17540	13490	13250	8770	4480	2910			
		W	1750	940	1320	890	450	290	1650	890	1250	830	430	280	1570	840	1190	800	410	260			
40	4.4	Q(Btu/h)	19710	15150	14890	9850	5030	3280	18660	14350	14100	9330	4770	3110	17540	13490	13250	8770	4480	2910			
		W	1750	940	1320	890	450	290	1650	890	1250	830	430	280	1570	840	1190	800	410	260			
35	1.7	Q(Btu/h)	19710	15150	14890	9850	5030	3280	18660	14350	14100	9330	4770	3110	17540	13490	13250	8770	4480	2910			
		W	1750	940	1320	890	450	290	1650	890	1250	830	430	280	1570	840	1190	800	410	260			
30	-1.1	Q(Btu/h)	19710	15150	14890	9850	5030	3280	18660	14350	14100	9330	4770	3110	17540	13490	13250	8770	4480	2910			
		W	1750	940	1320	890	450	290	1650	890	1250	830	430	280	1570	840	1190	800	410	260			
25	-3.9	Q(Btu/h)	19710	15150	14890	9850	5030	3280	18660	14350	14100	9330	4770	3110	17540	13490	13250	8770	4480	2910			
		W	1750	940	1320	890	450	290	1650	890	1250	830	430	280	1570	840	1190	800	410	260			
20	-6.7	Q(Btu/h)	19710	15150	14890	9850	5030	3280	18660	14350	14100	9330	4770	3110	17540	13490	13250	8770	4480	2910			
		W	1750	940	1320	890	450	290	1650	890	1250	830	430	280	1570	840	1190	800	410	260			
15	-9.4	Q(Btu/h)	19710	15150	14890	9850	5030	3280	18660	14350	14100	9330	4770	3110	17540	13490	13250	8770	4480	2910			
		W	1750	940	1320	890	450	290	1650	890	1250	830	430	280	1570	840	1190	800	410	260			

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

MSY-GL18NA
MUY-GL18NA
1) COOLING

Rated
Q(Btu/h): 18000
W: 1340

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)	19860	16560	15000	9930	5050	4040	18810	15390	14200	9400	4790	3830	17670	14040	13350	8830	4500	3590
		W	2520	1540	1900	1250	620	500	2390	1490	1810	1200	610	490	2270	1420	1720	1130	560	450
110	43.3	Q(Btu/h)	20740	17280	15670	10370	5290	4230	19640	16070	14830	9820	5010	4010	18450	14720	13940	9230	4700	3760
		W	2470	1510	1860	1220	600	490	2340	1460	1770	1170	590	480	2220	1400	1680	1110	540	440
105	40.6	Q(Btu/h)	21610	18000	16320	10800	5510	4400	20460	16740	15450	10220	5220	4170	19230	15390	14530	9600	4900	3910
		W	2410	1480	1810	1200	600	480	2280	1420	1720	1150	590	470	2170	1370	1630	1090	540	430
100	37.8	Q(Btu/h)	22420	18680	16940	11210	5710	4570	21230	17370	16030	10610	5410	4330	19950	16160	15070	9970	5080	4060
		W	2340	1450	1760	1150	570	460	2220	1380	1670	1100	560	450	2110	1330	1580	1040	510	410
95	35.0	Q(Btu/h)	23230	19350	17560	11620	5920	4740	22000	18000	16620	11000	5610	4490	20670	16920	15630	10340	5270	4210
		W	2270	1410	1700	1120	550	440	2150	1340	1620	1070	540	430	2040	1280	1540	1010	490	400
90	32.2	Q(Btu/h)	24160	19980	18260	12090	6160	4930	22880	18720	17280	11440	5840	4670	21500	17550	16250	10750	5480	4380
		W	2180	1360	1640	1090	540	440	2070	1290	1560	1040	530	430	1970	1240	1480	980	480	400
85	29.4	Q(Btu/h)	25090	20610	18970	12550	6400	5120	23760	19440	17950	11880	6060	4850	22330	18180	16880	11160	5690	4550
		W	2100	1310	1590	1040	520	420	1990	1240	1510	1000	510	410	1890	1190	1430	950	470	380
80	26.7	Q(Btu/h)	26020	21330	19660	13020	6630	5310	24640	20160	18610	12320	6280	5030	23150	18900	17500	11580	5890	4720
		W	2000	1250	1510	1000	500	400	1900	1190	1440	960	490	390	1810	1130	1370	910	450	360
75	23.9	Q(Btu/h)	26950	22050	20360	13480	6870	5500	25520	20880	19270	12760	6510	5210	23980	19620	18120	11990	6110	4890
		W	1910	1190	1440	950	480	380	1810	1130	1370	910	470	370	1720	1070	1300	860	430	340
70	21.1	Q(Btu/h)	27880	22810	21070	13960	7110	5690	26400	21600	19940	13210	6740	5390	24810	20300	18750	12410	6330	5060
		W	1800	1130	1370	900	450	360	1710	1070	1300	860	440	350	1620	1010	1230	810	400	320
65	18.3	Q(Btu/h)	23810	19480	18000	11920	6080	4870	22550	18450	17030	11280	5760	4610	21190	17340	16010	10600	5410	4330
		W	2030	1270	1530	1000	500	400	1930	1200	1450	960	490	390	1830	1130	1370	900	450	360
60	15.6	Q(Btu/h)	23810	19480	18000	11920	6080	4870	22550	18450	17030	11280	5760	4610	21190	17340	16010	10600	5410	4330
		W	2030	1270	1530	1000	500	400	1930	1200	1450	960	490	390	1830	1130	1370	900	450	360
55	12.8	Q(Btu/h)	23810	19480	18000	11920	6080	4870	22550	18450	17030	11280	5760	4610	21190	17340	16010	10600	5410	4330
		W	2030	1270	1530	1000	500	400	1930	1200	1450	960	490	390	1830	1130	1370	900	450	360
50	10.0	Q(Btu/h)	23810	19480	18000	11920	6080	4870	22550	18450	17030	11280	5760	4610	21190	17340	16010	10600	5410	4330
		W	2030	1270	1530	1000	500	400	1930	1200	1450	960	490	390	1830	1130	1370	900	450	360
45	7.2	Q(Btu/h)	23810	19480	18000	11920	6080	4870	22550	18450	17030	11280	5760	4610	21190	17340	16010	10600	5410	4330
		W	2030	1270	1530	1000	500	400	1930	1200	1450	960	490	390	1830	1130	1370	900	450	360
40	4.4	Q(Btu/h)	23810	19480	18000	11920	6080	4870	22550	18450	17030	11280	5760	4610	21190	17340	16010	10600	5410	4330
		W	2030	1270	1530	1000	500	400	1930	1200	1450	960	490	390	1830	1130	1370	900	450	360
35	1.7	Q(Btu/h)	23810	19480	18000	11920	6080	4870	22550	18450	17030	11280	5760	4610	21190	17340	16010	10600	5410	4330
		W	2030	1270	1530	1000	500	400	1930	1200	1450	960	490	390	1830	1130	1370	900	450	360
30	-1.1	Q(Btu/h)	23810	19480	18000	11920	6080	4870	22550	18450	17030	11280	5760	4610	21190	17340	16010	10600	5410	4330
		W	2030	1270	1530	1000	500	400	1930	1200	1450	960	490	390	1830	1130	1370	900	450	360
25	-3.9	Q(Btu/h)	23810	19480	18000	11920	6080	4870	22550	18450	17030	11280	5760	4610	21190	17340	16010	10600	5410	4330
		W	2030	1270	1530	1000	500	400	1930	1200	1450	960	490	390	1830	1130	1370	900	450	360
20	-6.7	Q(Btu/h)	23810	19480	18000	11920	6080	4870	22550	18450	17030	11280	5760	4610	21190	17340	16010	10600	5410	4330
		W	2030	1270	1530	1000	500	400	1930	1200	1450	960	490	390	1830	1130	1370	900	450	360
15	-9.4	Q(Btu/h)	23810	19480	18000	11920	6080	4870	22550	18450	17030	11280	5760	4610	21190	17340	16010	10600	5410	4330
		W	2030	1270	1530	1000	500	400	1930	1200	1450	960	490	390	1830	1130	1370	900	450	360

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

MSY-GL24NA
MUY-GL24NA
1) COOLING

Rated
Q(Btu/h): 22500
W: 1800

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)	28360	20700	21270	14170	7090	6140	26850	19240	20140	13430	6720	5820	25240	17550	18920	12610	6310	5460
		W	4210	2070	3150	2070	1030	900	3970	2000	2980	1980	990	860	3770	1910	2820	1860	920	810
110	43.3	Q(Btu/h)	29610	21600	22210	14810	7400	6410	28030	20090	21030	14030	7020	6080	26340	18400	19760	13180	6590	5700
		W	4110	2030	3080	2020	1010	880	3880	1960	2910	1930	970	840	3690	1880	2760	1810	910	790
105	40.6	Q(Btu/h)	30840	22500	23130	15410	7700	6670	29200	20930	21900	14600	7300	6330	27440	19240	20580	13710	6850	5940
		W	4020	1990	3000	1980	980	860	3790	1910	2840	1890	940	820	3600	1840	2690	1780	880	770
100	37.8	Q(Btu/h)	32010	23350	24000	15990	8000	6930	30300	21720	22730	15150	7580	6570	28480	20200	21360	14230	7110	6160
		W	3910	1940	2930	1930	960	830	3690	1860	2770	1840	920	790	3510	1780	2620	1730	860	740
95	35.0	Q(Btu/h)	33170	24190	24870	16570	8280	7170	31400	22500	23550	15700	7850	6800	29510	21150	22130	14740	7370	6380
		W	3790	1890	2830	1860	930	810	3580	1800	2680	1780	890	770	3400	1720	2540	1670	830	720
90	32.2	Q(Btu/h)	34500	24980	25860	17240	8620	7470	32660	23400	24490	16330	8170	7080	30700	21940	23010	15340	7670	6640
		W	3660	1830	2740	1810	900	780	3450	1740	2590	1730	870	750	3280	1660	2450	1630	810	700
85	29.4	Q(Btu/h)	35820	25760	26850	17900	8940	7750	33910	24300	25430	16960	8480	7350	31870	22730	23890	15930	7960	6890
		W	3510	1760	2620	1740	860	750	3310	1670	2480	1660	830	720	3150	1590	2350	1560	780	680
80	26.7	Q(Btu/h)	37150	26660	27860	18550	9270	8030	35170	25200	26380	17580	8790	7620	33060	23630	24790	16510	8250	7150
		W	3350	1680	2510	1650	820	720	3160	1590	2370	1580	790	690	3000	1520	2240	1490	740	650
75	23.9	Q(Btu/h)	38470	27560	28850	19230	9620	8330	36420	26100	27320	18220	9120	7900	34230	24530	25670	17110	8560	7410
		W	3190	1600	2390	1580	790	690	3010	1510	2260	1510	760	660	2860	1440	2140	1420	710	620
70	21.1	Q(Btu/h)	39800	28510	29840	19870	9940	8600	37680	27000	28260	18830	9420	8160	35410	25380	26550	17680	8840	7650
		W	3030	1530	2260	1500	750	650	2860	1440	2140	1430	720	620	2720	1370	2030	1340	670	580
65	18.3	Q(Btu/h)	34000	24360	25490	16980	8480	7350	32190	23070	24140	16090	8040	6970	30250	21690	22680	15110	7540	6530
		W	3420	1720	2570	1710	850	740	3230	1620	2430	1630	820	710	3070	1540	2310	1530	760	660
60	15.6	Q(Btu/h)	34000	24360	25490	16980	8480	7350	32190	23070	24140	16090	8040	6970	30250	21690	22680	15110	7540	6530
		W	3420	1720	2570	1710	850	740	3230	1620	2430	1630	820	710	3070	1540	2310	1530	760	660
55	12.8	Q(Btu/h)	34000	24360	25490	16980	8480	7350	32190	23070	24140	16090	8040	6970	30250	21690	22680	15110	7540	6530
		W	3420	1720	2570	1710	850	740	3230	1620	2430	1630	820	710	3070	1540	2310	1530	760	660
50	10.0	Q(Btu/h)	34000	24360	25490	16980	8480	7350	32190	23070	24140	16090	8040	6970	30250	21690	22680	15110	7540	6530
		W	3420	1720	2570	1710	850	740	3230	1620	2430	1630	820	710	3070	1540	2310	1530	760	660
45	7.2	Q(Btu/h)	34000	24360	25490	16980	8480	7350	32190	23070	24140	16090	8040	6970	30250	21690	22680	15110	7540	6530
		W	3420	1720	2570	1710	850	740	3230	1620	2430	1630	820	710	3070	1540	2310	1530	760	660
40	4.4	Q(Btu/h)	34000	24360	25490	16980	8480	7350	32190	23070	24140	16090	8040	6970	30250	21690	22680	15110	7540	6530
		W	3420	1720	2570	1710	850	740	3230	1620	2430	1630	820	710	3070	1540	2310	1530	760	660
35	1.7	Q(Btu/h)	34000	24360	25490	16980	8480	7350	32190	23070	24140	16090	8040	6970	30250	21690	22680	15110	7540	6530
		W	3420	1720	2570	1710	850	740	3230	1620	2430	1630	820	710	3070	1540	2310	1530	760	660
30	-1.1	Q(Btu/h)	34000	24360	25490	16980	8480	7350	32190	23070	24140	16090	8040	6970	30250	21690	22680	15110	7540	6530
		W	3420	1720	2570	1710	850	740	3230	1620	2430	1630	820	710	3070	1540	2310	1530	760	660
25	-3.9	Q(Btu/h)	34000	24360	25490	16980	8480	7350	32190	23070	24140	16090	8040	6970	30250	21690	22680	15110	7540	6530
		W	3420	1720	2570	1710	850	740	3230	1620	2430	1630	820	710	3070	1540	2310	1530	760	660
20	-6.7	Q(Btu/h)	34000	24360	25490	16980	8480	7350	32190	23070	24140	16090	8040	6970	30250	21690	22680	15110	7540	6530
		W	3420	1720	2570	1710	850	740	3230	1620	2430	1630	820	710	3070	1540	2310	1530	760	660
15	-9.4	Q(Btu/h)	34000	24360	25490	16980	8480	7350	32190	23070	24140	16090	8040	6970	30250	21690	22680	15110	7540	6530
		W	3420	1720	2570	1710	850	740	3230	1620	2430	1630	820	710	3070	1540	2310	1530	760	660

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

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