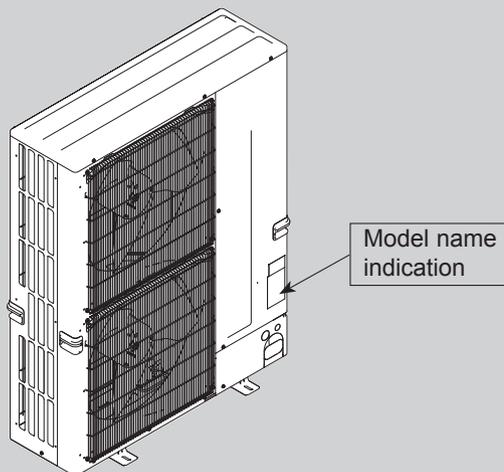
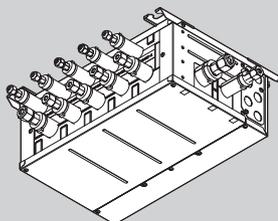


TECHNICAL DATA

[Model Name]	[Service Ref.]
<Outdoor unit>	
MXZ-8C48NA2	MXZ-8C48NA2-U1
MXZ-8C60NA2	MXZ-8C60NA2-U1
MXZ-4C36NAHZ2	MXZ-4C36NAHZ2-U1
MXZ-5C42NAHZ2	MXZ-5C42NAHZ2-U1
MXZ-8C48NAHZ2	MXZ-8C48NAHZ2-U1
<Branch box>	
PAC-MKA32BC	PAC-MKA32BC
PAC-MKA52BC	PAC-MKA52BC



OUTDOOR UNIT: MXZ-4C36NAHZ2-U1



BRANCH BOX: PAC-MKA52BC

CONTENTS

1. REFRIGERANT PIPE 2
2. POSITION OF THE CENTER OF GRAVITY... 4
3. PART LOAD CAPACITY CHART..... 5

1

REFRIGERANT PIPE

MXZ-8C48NA2-U1 MXZ-8C60NA2-U1

Operating Range

		Indoor intake air temp.		Outdoor intake air temp.
		M series	S, P series	
Cooling	Maximum	90 °FDB, 73 °FWB 32 °CDB, 23 °CWB	95 °FDB, 71 °FWB 35 °CDB, 22 °CWB	115 °FDB 46 °CDB
	Minimum	67 °FDB, 57 °FWB 19 °CDB, 14 °CWB	67 °FDB, 57 °FWB 19 °CDB, 14 °CWB	23 °FDB* ¹ -5 °CDB
Heating	Maximum	80 °FDB, 67 °FWB 27 °CDB, 19 °CWB	80 °FDB, 67 °FWB 27 °CDB, 19 °CWB	70 °FDB, 59 °FWB 21 °CDB, 15 °CWB
	Minimum	70 °FDB, 60 °FWB 21 °CDB, 16 °CWB	70 °FDB, 60 °FWB 21 °CDB, 16 °CWB	-4 °FWB -20 °CWB

*¹ When the temperature is below D.B. 50°F, noise could potentially occur.

MXZ-4C36NAHZ2-U1 MXZ-5C42NAHZ2-U1 MXZ-8C48NAHZ2-U1

Operating Range

		Indoor intake air temp.		Outdoor intake air temp.
		M series	S, P series	
Cooling	Maximum	90 °FDB, 73 °FWB 32 °CDB, 23 °CWB	95 °FDB, 71 °FWB 35 °CDB, 22 °CWB	115 °FDB 46 °CDB
	Minimum	67 °FDB, 57 °FWB 19 °CDB, 14 °CWB	67 °FDB, 57 °FWB 19 °CDB, 14 °CWB	23 °FDB* ¹ -5 °CDB
Heating	Maximum	80 °FDB, 67 °FWB 27 °CDB, 19 °CWB	80 °FDB, 67 °FWB 27 °CDB, 19 °CWB	70 °FDB, 59 °FWB 21 °CDB, 15 °CWB
	Minimum	70 °FDB, 60 °FWB 21 °CDB, 16 °CWB	70 °FDB, 60 °FWB 21 °CDB, 16 °CWB	-13 °FWB -25 °CWB

*¹ When the temperature is below D.B. 50°F, noise could potentially occur.

Installing the refrigerant piping

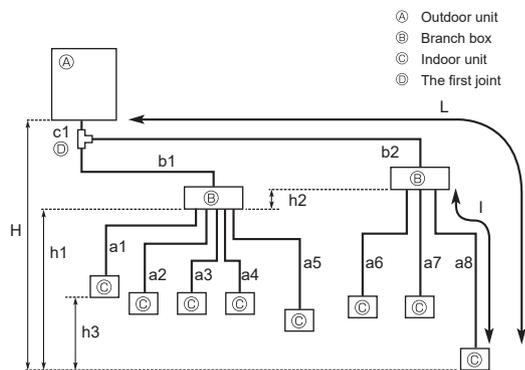


Fig. 1-1

Permissible length (one-way)	Total piping length	$c1 + b1 + b2 + a1 + a2 + a3 + a4 + a5 + a6 + a7 + a8 \leq 150 \text{ m (492 ft.)}$
	Farthest piping length (L)	$c1 + b2 + a8 \leq 80 \text{ m (262 ft.)}$
	Piping length between outdoor unit and branch boxes	$c1 + b1 + b2 \leq 55 \text{ m (180 ft.)}$
	Farthest branch box from the first joint (b2)	$b2 \leq 30 \text{ m (98 ft.)}$
	Farthest piping length after branch box (l)	$a8 \leq 25 \text{ m (82 ft.)}$
Permissible height difference (one-way)	Total piping length between branch boxes and indoor units	$a1 + a2 + a3 + a4 + a5 + a6 + a7 + a8 \leq 95 \text{ m (311 ft.)}$
	In indoor/outdoor section (H) * ¹	$H \leq 50 \text{ m (164 ft.)}$ (In case of outdoor unit is set higher than indoor unit) $H \leq 40 \text{ m (131 ft.)}$ (In case of outdoor unit is set lower than indoor unit)
	In branch box/indoor unit section (h1)	$h1 + h2 \leq 15 \text{ m (49 ft.)}$
	In each branch unit (h2)	$h2 \leq 15 \text{ m (49 ft.)}$
Number of bends	In each indoor unit (h3)	$h3 \leq 12 \text{ m (39 ft.)}$
		$ c1 + b1 + a1 , c1 + b1 + a2 , c1 + b1 + a3 , c1 + b1 + a4 , c1 + b1 + a5 , c1 + b2 + a6 , c1 + b2 + a7 , c1 + b2 + a8 \leq 15$

*¹ Branch box should be placed within the level between the outdoor unit and indoor units.

Pipe length and height difference

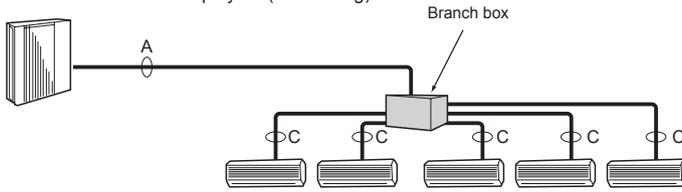
Flared connections

- This unit has flared connections on each indoor unit and branch box and outdoor unit sides.
- Remove the valve cover of the outdoor unit, then connect the pipe.
- Refrigerant pipes are used to connect the branch box and outdoor unit.

SIMPLIFIED PIPING SYSTEM

Piping connection size

- In the case of using 1-branch box
Flare connection employed. (No brazing)



- In the case of using 2-branch boxes

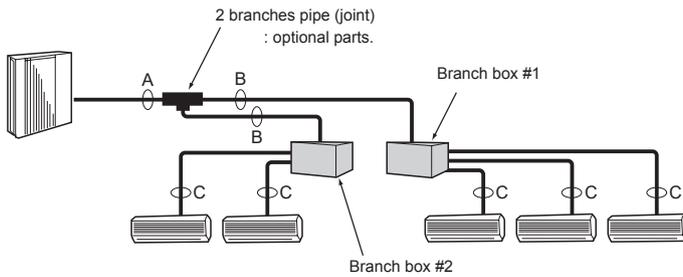


Fig. 1-2

	To indoor unit					To outdoor unit
	A	B	C	D	E	
Liquid pipe	ø6.35 (1/4)	ø6.35 (1/4)	ø6.35 (1/4)	ø6.35 (1/4)	ø6.35 (1/4)	ø9.52 (3/8)
Gas pipe	ø9.52 (3/8)	ø9.52 (3/8)	ø9.52 (3/8)	ø9.52 (3/8)	ø12.7 (1/2)	ø15.88 (5/8)

* 3-branch type : only A, B, C

Conversion formula

1/4 F	ø6.35 (1/4)
3/8 F	ø9.52 (3/8)
1/2 F	ø12.7 (1/2)
5/8 F	ø15.88 (5/8)
3/4 F	ø19.05 (3/4)

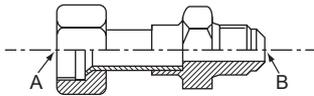


Fig. 1-3

Pipe size (Fig. 1-2)

A

	Liquid pipe	Gas pipe
4C36	ø9.52 (3/8)	ø15.88 (5/8)
5C42		
8C48		
8C60		ø19.05 (3/4)

B

	Liquid pipe	Gas pipe
• 4C36/5C42/8C48	ø9.52 (3/8)	ø15.88 (5/8)

• 8C60

Total capacity of indoor units	Liquid pipe	Gas pipe
- 54 kBtu/h	ø9.52 (3/8)	ø15.88 (5/8)
54 kBtu/h -	ø9.52 (3/8)	ø19.05 (3/4)

C

The piping connection size differs according to the type and capacity of indoor units. Match the piping connection size of branch box with indoor unit. If the piping connection size of branch box does not match the piping connection size of indoor unit, use optional different-diameter (deformed) joints to the branch box side. (Connect deformed joint directly to the branch box side.)

■ Pipe size (Branch box-Indoor unit) *Case of M series or S series Indoor unit

Indoor unit type	(Btu/h)	06	09	12	15	18	24	30	36
Pipe size (mm (inch))	Liquid	ø6.35 (1/4)	ø9.52 (3/8)	ø9.52 (3/8)	ø9.52 (3/8)				
	Gas	ø9.52 (3/8)	ø9.52 (3/8)	ø9.52 (3/8)	ø12.7 (1/2)	ø12.7 (1/2)	ø15.88 (5/8)	ø15.88 (5/8)	ø15.88 (5/8)

■ Pipe size (Branch box-Indoor unit) *Case of P series indoor unit

Indoor unit type	(Btu/h)	09	12	15	18	24	30	36
Pipe size (mm (inch))	Liquid	ø6.35 (1/4)	ø6.35 (1/4)	ø6.35 (1/4)	ø6.35 (1/4)	ø9.52 (3/8)	ø9.52 (3/8)	ø9.52 (3/8)
	Gas	ø9.52 (3/8)	ø12.7 (1/2)	ø12.7 (1/2)	ø12.7 (1/2)	ø15.88 (5/8)	ø15.88 (5/8)	ø15.88 (5/8)

The lineup of a connectable indoor unit depends on a district/areas/country.

Different-diameter joint (optional parts) (Fig. 1-3)

Model name	Connected pipes diameter	Diameter A	Diameter B
	mm (inch)	mm (inch)	mm (inch)
MAC-A454JP-E	ø9.52 (3/8) → ø12.7 (1/2)	ø9.52 (3/8)	ø12.7 (1/2)
MAC-A455JP-E	ø12.7 (1/2) → ø9.52 (3/8)	ø12.7 (1/2)	ø9.52 (3/8)
MAC-A456JP-E	ø12.7 (1/2) → ø15.88 (5/8)	ø12.7 (1/2)	ø15.88 (5/8)
PAC-493PI	ø6.35 (1/4) → ø9.52 (3/8)	ø6.35 (1/4)	ø9.52 (3/8)
PAC-SG76RJ-E	ø9.52 (3/8) → ø15.88 (5/8)	ø9.52 (3/8)	ø15.88 (5/8)
PAC-SG75RJ-E	ø15.88 (5/8) → ø19.05 (3/4)	ø15.88 (5/8)	ø19.05 (3/4)

Piping preparation

① Table below shows the specifications of pipes commercially available.

Outside diameter	Insulation thickness	Insulation material
6.35 (1/4)	8 (5/16)	Heat resisting foam plastic 0.045 specific gravity
9.52 (3/8)	8 (5/16)	
12.7 (1/2)	8 (5/16)	
15.88 (5/8)	8 (5/16)	
19.05 (3/4)	8 (5/16)	

- ② Ensure that the 2 refrigerant pipes are insulated to prevent condensation.
- ③ Refrigerant pipe bending radius must be 4" (100 mm) or more.

⚠ Caution:

Be sure to use the insulation of specified thickness. Excessive thickness may cause incorrect installation of the indoor unit and branch box, and lack of thickness may cause dew drippage.

2-branch pipe (Joint): Optional parts (According to the connection method, you can choose the favorite one.)

Model name	Connection method
MSDD-50AR-E	flare
MSDD-50BR-E	brazing

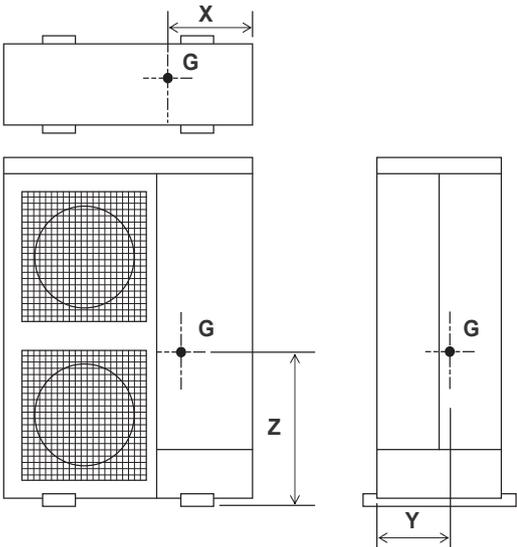
■ Installation procedure (2 branches pipe (Joint))

Refer to the installation manuals of MSDD-50AR-E and MSDD-50BR-E.

2

POSITION OF THE CENTER OF GRAVITY

Unit: inch (mm)



Model name	X	Y	Z
MXZ-4C36NAHZ2-U1 MXZ-5C42NAHZ2-U1 MXZ-8C48NAHZ2-U1	15 (380)	6-1/2 (165)	22-41/64 (575)
MXZ-8C48NA2-U1	14-9/16 (370)	6-19/64 (160)	22-7/32 (565)
MXZ-8C60NA2-U1	16-9/64 (410)	6-57/64 (175)	22-3/64 (560)

PART LOAD CAPACITY CHART

MXZ-4C36NAHZ2-U1

Rated
Q(Btu/h): 36,000
W: 2,570

1) COOLING

Indoor W.B.		72°F / 22.2°C					67°F / 19.4°C					64°F / 17.8°C					61°F / 16.1°C									
Outdoor D.B.		Max.	Rated	75%	50%	Min.	Max.	Rated	75%	50%	Min.	Max.	Rated	75%	50%	Min.	Max.	Rated	75%	50%	Min.					
(°F)	(°C)																									
115	46.1	Q(Btu/h)	24,494	24,494	18,371	12,247	-	8,289	22,680	22,680	17,010	11,340	-	7,675	20,639	20,639	15,479	10,319	-	6,984	18,598	18,598	13,948	9,299	-	6,293
		W	1,234	1,234	1,086	851	-	652	1,285	1,285	1,131	887	-	680	1,278	1,278	1,125	882	-	676	1,337	1,337	1,177	923	-	707
110	43.3	Q(Btu/h)	29,160	29,160	21,870	14,580	-	8,594	27,000	27,000	20,250	13,500	-	7,957	24,570	24,570	18,428	12,285	-	7,241	22,140	22,140	16,605	11,070	-	6,525
		W	1,645	1,645	1,447	1,135	-	611	1,748	1,748	1,538	1,206	-	649	1,752	1,752	1,542	1,209	-	651	1,775	1,775	1,562	1,225	-	659
106	41.1	Q(Btu/h)	33,048	33,048	24,786	16,524	-	8,837	30,600	30,600	22,950	15,300	-	8,182	27,846	27,846	20,885	13,923	-	7,446	25,092	25,092	18,819	12,546	-	6,709
		W	1,902	1,902	1,674	1,312	-	571	2,082	2,082	1,832	1,436	-	625	2,133	2,133	1,877	1,472	-	640	1,520	1,520	1,338	1,049	-	456
102	38.9	Q(Btu/h)	36,158	36,158	27,119	18,079	-	9,081	33,480	33,480	25,110	16,740	-	8,409	30,467	30,467	22,850	15,233	-	7,652	27,454	27,454	20,590	13,727	-	6,895
		W	2,210	2,210	1,945	1,525	-	561	2,364	2,364	2,081	1,631	-	600	2,559	2,559	2,252	1,766	-	650	1,459	1,459	1,284	1,007	-	370
98	36.7	Q(Btu/h)	38,491	38,491	28,868	19,246	-	9,321	35,640	35,640	26,730	17,820	-	8,631	32,432	32,432	24,324	16,216	-	7,854	29,225	29,225	21,919	14,612	-	7,077
		W	2,570	2,570	2,262	1,773	-	559	2,647	2,647	2,329	1,826	-	576	2,406	2,406	2,117	1,660	-	524	1,398	1,398	1,230	965	-	304
94	34.4	Q(Btu/h)	38,880	38,880	29,160	19,440	-	9,560	36,000	36,000	27,000	18,000	-	8,852	32,760	32,760	24,570	16,380	-	8,055	29,520	29,520	22,140	14,760	-	7,259
		W	2,647	2,647	2,329	1,826	-	574	2,544	2,544	2,239	1,756	-	552	2,261	2,261	1,990	1,560	-	491	1,326	1,326	1,167	915	-	288
90	32.2	Q(Btu/h)	39,074	39,074	29,306	19,537	-	9,798	36,180	36,180	27,135	18,090	-	9,072	32,924	32,924	24,693	16,462	-	8,255	29,668	29,668	22,251	14,834	-	7,439
		W	2,570	2,570	2,262	1,773	-	556	2,442	2,442	2,149	1,685	-	528	2,141	2,141	1,884	1,477	-	463	1,258	1,258	1,107	868	-	272
86	30.0	Q(Btu/h)	39,074	39,074	29,306	19,537	-	10,034	36,180	36,180	27,135	18,090	-	9,291	32,924	32,924	24,693	16,462	-	8,454	29,668	29,668	22,251	14,834	-	7,618
		W	2,519	2,519	2,216	1,738	-	543	2,339	2,339	2,058	1,614	-	504	2,021	2,021	1,778	1,394	-	436	1,190	1,190	1,047	821	-	257
82	27.8	Q(Btu/h)	39,074	39,074	29,306	19,537	-	10,269	36,180	36,180	27,135	18,090	-	9,508	32,924	32,924	24,693	16,462	-	8,652	29,668	29,668	22,251	14,834	-	7,797
		W	2,467	2,467	2,171	1,702	-	524	2,262	2,262	1,990	1,561	-	481	1,901	1,901	1,673	1,312	-	404	1,122	1,122	988	774	-	239
78	25.6	Q(Btu/h)	39,580	39,580	29,685	19,790	-	10,502	36,648	36,648	27,486	18,324	-	9,724	33,350	33,350	25,012	16,675	-	8,849	30,051	30,051	22,539	15,026	-	7,974
		W	2,364	2,364	2,081	1,631	-	501	2,159	2,159	1,900	1,490	-	457	1,781	1,781	1,567	1,229	-	377	1,054	1,054	928	728	-	223
74	23.3	Q(Btu/h)	39,580	39,580	29,685	19,790	-	10,735	36,648	36,648	27,486	18,324	-	9,939	33,350	33,350	25,012	16,675	-	9,045	30,051	30,051	22,539	15,026	-	8,150
		W	2,313	2,313	2,035	1,596	-	488	2,056	2,056	1,809	1,419	-	434	1,660	1,660	1,461	1,146	-	350	986	986	868	681	-	208
70	21.1	Q(Btu/h)	39,619	39,619	29,714	19,809	-	10,966	36,684	36,684	27,513	18,342	-	10,153	33,382	33,382	25,037	16,691	-	9,240	30,081	30,081	22,561	15,040	-	8,326
		W	2,262	2,262	1,990	1,561	-	475	1,953	1,953	1,719	1,348	-	410	1,540	1,540	1,355	1,063	-	323	919	919	808	634	-	193
66	18.9	Q(Btu/h)	39,658	39,658	29,743	19,829	-	11,080	36,720	36,720	27,540	18,360	-	10,259	33,415	33,415	25,061	16,708	-	9,336	30,110	30,110	22,583	15,055	-	8,412
		W	2,262	2,262	1,990	1,561	-	421	1,902	1,902	1,674	1,312	-	354	1,479	1,479	1,301	1,020	-	275	883	883	777	609	-	164
62	16.7	Q(Btu/h)	39,658	39,658	29,743	19,829	-	11,308	36,720	36,720	27,540	18,360	-	10,470	33,415	33,415	25,061	16,708	-	9,528	30,110	30,110	22,583	15,055	-	8,586
		W	2,262	2,262	1,990	1,561	-	394	1,902	1,902	1,674	1,312	-	331	1,476	1,476	1,299	1,018	-	257	880	880	774	607	-	153
58	14.4	Q(Btu/h)	39,658	39,658	29,743	19,829	-	11,428	36,720	36,720	27,540	18,360	-	10,582	33,415	33,415	25,061	16,708	-	9,629	30,110	30,110	22,583	15,055	-	8,677
		W	2,262	2,262	1,990	1,561	-	359	1,902	1,902	1,674	1,312	-	302	1,473	1,473	1,296	1,016	-	234	877	877	771	605	-	139
54	12.2	Q(Btu/h)	39,658	39,658	29,743	19,829	-	11,654	36,720	36,720	27,540	18,360	-	10,791	33,415	33,415	25,061	16,708	-	9,820	30,110	30,110	22,583	15,055	-	8,848
		W	2,262	2,262	1,990	1,561	-	332	1,902	1,902	1,674	1,312	-	279	1,470	1,470	1,294	1,014	-	216	873	873	769	603	-	128
50	10.0	Q(Btu/h)	39,658	39,658	29,743	19,829	-	11,402	36,720	36,720	27,540	18,360	-	10,557	33,415	33,415	25,061	16,708	-	9,607	30,110	30,110	22,583	15,055	-	8,657
		W	2,262	2,262	1,990	1,561	-	358	1,902	1,902	1,674	1,312	-	301	1,467	1,467	1,291	1,013	-	232	870	870	766	601	-	138
46	7.8	Q(Btu/h)	39,658	39,658	29,743	19,829	-	11,260	36,720	36,720	27,540	18,360	-	10,426	33,415	33,415	25,061	16,708	-	9,488	30,110	30,110	22,583	15,055	-	8,549
		W	2,262	2,262	1,990	1,561	-	371	1,902	1,902	1,674	1,312	-	312	1,465	1,465	1,289	1,011	-	240	867	867	763	598	-	142
42	5.6	Q(Btu/h)	39,658	39,658	29,743	19,829	-	11,481	36,720	36,720	27,540	18,360	-	10,630	33,415	33,415	25,061	16,708	-	9,674	30,110	30,110	22,583	15,055	-	8,717
		W	2,262	2,262	1,990	1,561	-	345	1,902	1,902	1,674	1,312	-	290	1,462	1,462	1,286	1,009	-	223	864	864	760	596	-	132
38	3.3	Q(Btu/h)	39,658	39,658	29,743	19,829	-	11,702	36,720	36,720	27,540	18,360	-	10,835	33,415	33,415	25,061	16,708	-	9,860	30,110	30,110	22,583	15,055	-	8,885
		W	2,262	2,262	1,990	1,561	-	344	1,902	1,902	1,674	1,312	-	289	1,459	1,459	1,284	1,007	-	222	861	861	757	594	-	131
34	1.1	Q(Btu/h)	39,658	39,658	29,743	19,829	-	11,922	36,720	36,720	27,540	18,360	-	11,039	33,415	33,415	25,061	16,708	-	10,046	30,110	30,110	22,583	15,055	-	9,052
		W	2,262	2,262	1,990	1,561	-	344	1,902	1,902	1,674	1,312	-	289	1,456	1,456	1,281	1,005	-	221	858	858	755	592	-	130
30	-1.1	Q(Btu/h)	39,658	39,658	29,743	19,829	-	12,143	36,720	36,720	27,540	18,360	-	11,244	33,415	33,415	25,061	16,708	-	10,232	30,1					

MXZ-4C36NAHZ2-U1
2) HEATING

Rated
Q(Btu/h): 45,000
W: 3,340

Indoor D.B. Outdoor W.B. (°F) (°C)			80°F / 26.7°C						70°F / 21.1°C						60°F / 15.6°C					
			Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.
60	15.6	Q(Btu/h)	35,100	35,100	25,974	16,848	-	12,142	45,000	45,000	33,300	21,600	-	15,566	54,450	54,450	40,293	26,136	-	18,835
		W	2,004	2,004	1,663	1,263	-	527	2,338	2,338	1,941	1,473	-	615	1,670	1,670	1,386	1,052	-	439
55	12.8	Q(Btu/h)	35,100	35,100	25,974	16,848	-	11,460	45,000	45,000	33,300	21,600	-	14,693	54,450	54,450	40,293	26,136	-	17,778
		W	2,338	2,338	1,941	1,473	-	559	2,589	2,589	2,148	1,631	-	619	1,837	1,837	1,525	1,157	-	439
50	10.0	Q(Btu/h)	35,100	35,100	25,974	16,848	-	10,786	45,000	45,000	33,300	21,600	-	13,829	54,450	54,450	40,293	26,136	-	16,733
		W	2,505	2,505	2,079	1,578	-	548	2,839	2,839	2,356	1,789	-	621	2,004	2,004	1,663	1,263	-	438
47	8.3	Q(Btu/h)	35,100	35,100	25,974	16,848	-	10,384	45,000	45,000	33,300	21,600	-	13,313	54,450	54,450	40,293	26,136	-	16,109
		W	2,756	2,756	2,287	1,736	-	569	3,006	3,006	2,495	1,894	-	620	2,171	2,171	1,802	1,368	-	448
42	5.6	Q(Btu/h)	35,582	35,582	26,331	17,079	-	9,748	45,618	45,618	33,757	21,897	-	12,498	55,198	55,198	40,846	26,495	-	15,122
		W	3,006	3,006	2,495	1,894	-	556	3,340	3,340	2,772	2,104	-	617	2,338	2,338	1,941	1,473	-	432
35	1.7	Q(Btu/h)	39,538	39,538	29,258	18,978	-	9,668	50,689	50,689	37,510	24,331	-	12,395	61,334	61,334	45,387	29,440	-	14,998
		W	3,340	3,340	2,772	2,104	-	787	3,607	3,607	2,994	2,273	-	849	2,672	2,672	2,218	1,683	-	629
32	0.0	Q(Btu/h)	40,036	40,036	29,626	19,217	9,609	9,144	51,328	51,328	37,983	24,637	12,319	11,723	62,107	62,107	45,959	29,811	14,906	14,185
		W	3,507	3,507	2,911	2,209	1,473	800	3,674	3,674	3,049	2,315	1,543	838	2,756	2,756	2,287	1,736	1,157	629
27	-2.8	Q(Btu/h)	39,325	39,325	29,100	18,876	9,438	8,417	50,416	50,416	37,308	24,200	12,100	10,791	61,004	61,004	45,143	29,282	14,641	13,057
		W	3,607	3,607	2,994	2,273	1,515	740	3,941	3,941	3,271	2,483	1,655	808	2,923	2,923	2,426	1,841	1,227	599
22	-5.6	Q(Btu/h)	38,893	38,893	28,781	18,669	9,334	8,093	49,863	49,863	36,898	23,934	11,967	10,376	60,334	60,334	44,647	28,960	14,480	12,555
		W	3,941	3,941	3,271	2,483	1,655	713	4,259	4,259	3,535	2,683	1,789	770	3,173	3,173	2,634	1,999	1,333	574
17	-8.3	Q(Btu/h)	38,358	38,358	28,385	18,412	9,206	7,558	49,177	49,177	36,391	23,605	11,802	9,690	59,504	59,504	44,033	28,562	14,281	11,725
		W	4,092	4,092	3,396	2,578	1,718	646	4,593	4,593	3,812	2,893	1,929	726	3,540	3,540	2,939	2,230	1,487	559
12	-11.1	Q(Btu/h)	37,784	37,784	27,960	18,136	9,068	6,562	48,441	48,441	35,846	23,252	11,626	8,412	58,614	58,614	43,374	28,135	14,067	10,179
		W	4,175	4,175	3,465	2,630	1,754	559	5,010	5,010	4,158	3,156	2,104	671	4,092	4,092	3,396	2,578	1,718	548
5	-15.0	Q(Btu/h)	36,947	36,947	27,341	17,735	8,867	5,216	47,368	47,368	35,053	22,737	11,368	6,687	57,316	57,316	42,414	27,512	13,756	8,092
		W	4,259	4,259	3,535	2,683	1,789	462	5,361	5,361	4,449	3,377	2,251	582	4,760	4,760	3,950	2,998	1,999	516
2	-16.7	Q(Btu/h)	35,408	35,408	26,202	16,996	8,498	4,645	45,395	45,395	33,592	21,789	10,895	5,955	54,928	54,928	40,646	26,365	13,183	7,206
		W	4,008	4,008	3,327	2,525	1,683	403	5,344	5,344	4,436	3,367	2,244	537	5,010	5,010	4,158	3,156	2,104	503
-3	-19.4	Q(Btu/h)	32,842	32,842	24,303	15,764	7,882	4,001	42,105	42,105	31,158	20,211	10,105	5,129	50,947	50,947	37,701	24,455	12,227	6,206
		W	3,674	3,674	3,049	2,315	1,543	348	5,094	5,094	4,228	3,209	2,139	482	5,261	5,261	4,366	3,314	2,209	498
-8	-22.2	Q(Btu/h)	30,276	30,276	22,404	14,533	7,266	3,047	38,816	38,816	28,724	18,632	9,316	3,907	46,967	46,967	34,756	22,544	11,272	4,727
		W	3,257	3,257	2,703	2,052	1,368	258	4,843	4,843	4,020	3,051	2,034	384	5,595	5,595	4,643	3,525	2,350	444
-13	-25.0	Q(Btu/h)	27,711	27,711	20,506	13,301	6,651	2,118	35,526	35,526	26,289	17,053	8,526	2,716	42,987	42,987	31,810	20,634	10,317	3,286
		W	2,839	2,839	2,356	1,789	1,192	167	4,676	4,676	3,881	2,946	1,964	275	5,344	5,344	4,436	3,367	2,244	315

* Above data is for heating operation without any frost.

MXZ-5C42NAHZ2-U1
1) COOLING

Rated
Q(Btu/h): 42,000
W: 3,130

Indoor W.B.			72°F / 22.2°C					67°F / 19.4°C					64°F / 17.8°C					61°F / 16.1°C										
Outdoor D.B.			Max.	Rated	75%	50%	25%	Min.	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)	28,577	28,577	21,433	14,288	-	9,670	26,460	26,460	19,845	13,230	-	8,954	24,079	24,079	18,059	12,039	-	8,148	21,697	21,697	16,273	10,849	-	7,342		
		W	1,502	1,502	1,172	871	-	795	1,565	1,565	1,221	908	-	828	1,557	1,557	1,214	903	-	823	1,629	1,629	1,271	945	-	861		
110	43.3	Q(Btu/h)	34,020	34,020	25,515	17,010	-	10,026	31,500	31,500	23,625	15,750	-	9,283	28,665	28,665	21,499	14,333	-	8,448	25,830	25,830	19,373	12,915	-	7,612		
		W	2,003	2,003	1,562	1,162	-	744	2,128	2,128	1,660	1,234	-	791	2,134	2,134	1,664	1,238	-	793	2,161	2,161	1,686	1,254	-	803		
106	41.1	Q(Btu/h)	38,556	38,556	28,917	19,278	-	10,310	35,700	35,700	26,775	17,850	-	9,546	32,487	32,487	24,365	16,244	-	8,687	29,274	29,274	21,956	14,637	-	7,828		
		W	2,316	2,316	1,807	1,343	-	695	2,535	2,535	1,978	1,470	-	761	2,598	2,598	2,026	1,507	-	780	1,851	1,851	1,444	1,074	-	556		
102	38.9	Q(Btu/h)	42,185	42,185	31,639	21,092	-	10,595	39,060	39,060	29,295	19,530	-	9,810	35,545	35,545	26,658	17,772	-	8,927	32,029	32,029	24,022	16,015	-	8,044		
		W	2,692	2,692	2,100	1,561	-	683	2,880	2,880	2,246	1,670	-	731	3,117	3,117	2,431	1,808	-	791	1,777	1,777	1,386	1,030	-	451		
98	36.7	Q(Btu/h)	44,906	44,906	33,680	22,453	-	10,875	41,580	41,580	31,185	20,790	-	10,069	37,838	37,838	28,378	18,919	-	9,163	34,096	34,096	25,572	17,048	-	8,257		
		W	3,130	3,130	2,441	1,815	-	681	3,224	3,224	2,515	1,870	-	702	2,930	2,930	2,286	1,700	-	638	1,703	1,703	1,328	988	-	371		
94	34.4	Q(Btu/h)	45,360	45,360	34,020	22,680	-	11,154	42,000	42,000	31,500	21,000	-	10,327	38,220	38,220	28,665	19,110	-	9,398	34,440	34,440	25,830	17,220	-	8,468		
		W	3,224	3,224	2,515	1,870	-	700	3,099	3,099	2,417	1,797	-	672	2,754	2,754	2,148	1,597	-	598	1,615	1,615	1,260	937	-	350		
90	32.2	Q(Btu/h)	45,587	45,587	34,190	22,793	-	11,431	42,210	42,210	31,658	21,105	-	10,584	38,411	38,411	28,808	19,206	-	9,631	34,612	34,612	25,959	17,306	-	8,679		
		W	3,130	3,130	2,441	1,815	-	677	2,974	2,974	2,319	1,725	-	643	2,608	2,608	2,034	1,512	-	564	1,532	1,532	1,195	889	-	332		
86	30.0	Q(Btu/h)	45,587	45,587	34,190	22,793	-	11,706	42,210	42,210	31,658	21,105	-	10,839	38,411	38,411	28,808	19,206	-	9,863	34,612	34,612	25,959	17,306	-	8,888		
		W	3,067	3,067	2,393	1,779	-	662	2,848	2,848	2,222	1,652	-	614	2,461	2,461	1,920	1,428	-	531	1,450	1,450	1,131	841	-	313		
82	27.8	Q(Btu/h)	45,587	45,587	34,190	22,793	-	11,980	42,210	42,210	31,658	21,105	-	11,093	38,411	38,411	28,808	19,206	-	10,094	34,612	34,612	25,959	17,306	-	9,096		
		W	3,005	3,005	2,344	1,743	-	639	2,754	2,754	2,148	1,598	-	585	2,315	2,315	1,806	1,343	-	492	1,367	1,367	1,066	793	-	291		
78	25.6	Q(Btu/h)	46,176	46,176	34,632	23,088	-	12,253	42,756	42,756	32,067	21,378	-	11,345	38,908	38,908	29,181	19,454	-	10,324	35,060	35,060	26,295	17,530	-	9,303		
		W	2,880	2,880	2,246	1,670	-	610	2,629	2,629	2,051	1,525	-	557	2,169	2,169	1,691	1,258	-	459	1,284	1,284	1,002	745	-	272		
74	23.3	Q(Btu/h)	46,176	46,176	34,632	23,088	-	12,524	42,756	42,756	32,067	21,378	-	11,596	38,908	38,908	29,181	19,454	-	10,552	35,060	35,060	26,295	17,530	-	9,509		
		W	2,817	2,817	2,197	1,634	-	594	2,504	2,504	1,953	1,452	-	528	2,022	2,022	1,577	1,173	-	426	1,201	1,201	937	697	-	253		
70	21.1	Q(Btu/h)	46,222	46,222	34,666	23,111	-	12,793	42,798	42,798	32,099	21,399	-	11,846	38,946	38,946	29,210	19,473	-	10,779	35,094	35,094	26,321	17,547	-	9,713		
		W	2,754	2,754	2,148	1,598	-	578	2,379	2,379	1,855	1,380	-	500	1,876	1,876	1,463	1,088	-	394	1,119	1,119	873	649	-	235		
66	18.9	Q(Btu/h)	46,267	46,267	34,700	23,134	-	12,926	42,840	42,840	32,130	21,420	-	11,969	38,984	38,984	29,238	19,492	-	10,892	35,129	35,129	26,347	17,564	-	9,814		
		W	2,754	2,754	2,148	1,598	-	513	2,316	2,316	1,807	1,343	-	431	1,801	1,801	1,405	1,045	-	335	1,075	1,075	839	624	-	200		
62	16.7	Q(Btu/h)	46,267	46,267	34,700	23,134	-	13,193	42,840	42,840	32,130	21,420	-	12,215	38,984	38,984	29,238	19,492	-	11,116	35,129	35,129	26,347	17,564	-	10,017		
		W	2,754	2,754	2,148	1,598	-	479	2,316	2,316	1,807	1,343	-	403	1,798	1,798	1,402	1,043	-	313	1,072	1,072	836	622	-	187		
58	14.4	Q(Btu/h)	46,267	46,267	34,700	23,134	-	13,333	42,840	42,840	32,130	21,420	-	12,345	38,984	38,984	29,238	19,492	-	11,234	35,129	35,129	26,347	17,564	-	10,123		
		W	2,754	2,754	2,148	1,598	-	438	2,316	2,316	1,807	1,343	-	368	1,794	1,794	1,399	1,041	-	285	1,068	1,068	833	619	-	170		
54	12.2	Q(Btu/h)	46,267	46,267	34,700	23,134	-	13,596	42,840	42,840	32,130	21,420	-	12,589	38,984	38,984	29,238	19,492	-	11,456	35,129	35,129	26,347	17,564	-	10,323		
		W	2,754	2,754	2,148	1,598	-	404	2,316	2,316	1,807	1,343	-	340	1,791	1,791	1,397	1,039	-	263	1,064	1,064	830	617	-	156		
50	10.0	Q(Btu/h)	46,267	46,267	34,700	23,134	-	13,302	42,840	42,840	32,130	21,420	-	12,317	38,984	38,984	29,238	19,492	-	11,208	35,129	35,129	26,347	17,564	-	10,100		
		W	2,754	2,754	2,148	1,598	-	436	2,316	2,316	1,807	1,343	-	367	1,787	1,787	1,394	1,037	-	283	1,060	1,060	827	615	-	168		
46	7.8	Q(Btu/h)	46,267	46,267	34,700	23,134	-	13,137	42,840	42,840	32,130	21,420	-	12,164	38,984	38,984	29,238	19,492	-	11,069	35,129	35,129	26,347	17,564	-	9,974		
		W	2,754	2,754	2,148	1,598	-	452	2,316	2,316	1,807	1,343	-	380	1,784	1,784	1,391	1,035	-	293	1,056	1,056	824	613	-	173		
42	5.6	Q(Btu/h)	46,267	46,267	34,700	23,134	-	13,394	42,840	42,840	32,130	21,420	-	12,402	38,984	38,984	29,238	19,492	-	11,286	35,129	35,129	26,347	17,564	-	10,170		
		W	2,754	2,754	2,148	1,598	-	420	2,316	2,316	1,807	1,343	-	353	1,780	1,780	1,389	1,033	-	271	1,052	1,052	821	610	-	160		
38	3.3	Q(Btu/h)	46,267	46,267	34,700	23,134	-	13,652	42,840	42,840	32,130	21,420	-	12,641	38,984	38,984	29,238	19,492	-	11,503	35,129	35,129	26,347	17,564	-	10,365		
		W	2,754	2,754	2,148	1,598	-	419	2,316	2,316	1,807	1,343	-	352	1,777	1,777	1,386	1,031	-	270	1,048	1,048	818	608	-	159		
34	1.1	Q(Btu/h)	46,267	46,267	34,700	23,134	-	13,909	42,840	42,840	32,130	21,420	-	12,879	38,984	38,984	29,238	19,492	-	11,720	35,129	35,129	26,347	17,564	-	10,561		
		W	2,754	2,754	2,148	1,598	-	419	2,316	2,316	1,807	1,343	-	352	1,773	1,773	1,383	1,029	-	270	1,044	1,044	815	606	-	159		
30	-1.1	Q(Btu/h)	46,267	46,267	34,700	23,134	-	14,167	42,840	42,840	32,130	21,420	-	13,118	38,984	38,984	29,238	19,492										

MXZ-5C42NAHZ2-U1
2) HEATING

Rated
Q(Btu/h): 48,000
W: 3,430

Indoor D.B. Outdoor W.B. (°F) (°C)			80°F / 26.7°C						70°F / 21.1°C						60°F / 15.6°C					
			Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.
60	15.6	Q(Btu/h)	37,440	37,440	28,454	18,346	-	12,951	48,000	48,000	36,480	23,520	-	16,604	58,080	58,080	44,141	28,459	-	20,091
		W	2,058	2,058	1,646	1,194	-	541	2,401	2,401	1,921	1,393	-	631	1,715	1,715	1,372	995	-	451
55	12.8	Q(Btu/h)	37,440	37,440	28,454	18,346	-	12,224	48,000	48,000	36,480	23,520	-	15,672	58,080	58,080	44,141	28,459	-	18,963
		W	2,401	2,401	1,921	1,393	-	574	2,658	2,658	2,127	1,542	-	636	1,887	1,887	1,509	1,094	-	451
50	10.0	Q(Btu/h)	37,440	37,440	28,454	18,346	-	11,505	48,000	48,000	36,480	23,520	-	14,750	58,080	58,080	44,141	28,459	-	17,848
		W	2,573	2,573	2,058	1,492	-	562	2,916	2,916	2,332	1,691	-	637	2,058	2,058	1,646	1,194	-	450
47	8.3	Q(Btu/h)	37,440	37,440	28,454	18,346	-	11,077	48,000	48,000	36,480	23,520	-	14,201	58,080	58,080	44,141	28,459	-	17,183
		W	2,830	2,830	2,264	1,641	-	584	3,087	3,087	2,470	1,790	-	637	2,230	2,230	1,784	1,293	-	460
42	5.6	Q(Btu/h)	37,954	37,954	28,845	18,598	-	10,398	48,659	48,659	36,981	23,843	-	13,331	58,878	58,878	44,747	28,850	-	16,130
		W	3,087	3,087	2,470	1,790	-	571	3,430	3,430	2,744	1,989	-	634	2,401	2,401	1,921	1,393	-	444
35	1.7	Q(Btu/h)	42,174	42,174	32,052	20,665	-	10,312	54,069	54,069	41,092	26,494	-	13,221	65,423	65,423	49,722	32,057	-	15,997
		W	3,430	3,430	2,744	1,989	-	808	3,704	3,704	2,964	2,149	-	872	2,744	2,744	2,195	1,592	-	646
32	0.0	Q(Btu/h)	42,705	42,705	32,456	20,925	10,249	9,754	54,750	54,750	41,610	26,827	13,140	12,505	66,247	66,247	50,348	32,461	15,899	15,131
		W	3,602	3,602	2,881	2,089	1,369	822	3,773	3,773	3,018	2,188	1,434	861	2,830	2,830	2,264	1,641	1,075	646
27	-2.8	Q(Btu/h)	41,946	41,946	31,879	20,554	10,067	8,978	53,777	53,777	40,871	26,351	12,907	11,510	65,070	65,070	49,454	31,885	15,617	13,927
		W	3,704	3,704	2,964	2,149	1,408	759	4,047	4,047	3,238	2,347	1,538	830	3,001	3,001	2,401	1,741	1,140	615
22	-5.6	Q(Btu/h)	41,486	41,486	31,529	20,328	9,957	8,633	53,187	53,187	40,422	26,062	12,765	11,068	64,356	64,356	48,911	31,535	15,445	13,392
		W	4,047	4,047	3,238	2,347	1,538	732	4,373	4,373	3,499	2,536	1,662	791	3,259	3,259	2,607	1,890	1,238	589
17	-8.3	Q(Btu/h)	40,915	40,915	31,095	20,048	9,820	8,062	52,455	52,455	39,866	25,703	12,589	10,336	63,471	63,471	48,238	31,101	15,233	12,507
		W	4,202	4,202	3,361	2,437	1,597	664	4,716	4,716	3,773	2,735	1,792	745	3,636	3,636	2,909	2,109	1,382	574
12	-11.1	Q(Btu/h)	40,303	40,303	30,630	19,748	9,673	6,999	51,670	51,670	39,270	25,319	12,401	8,973	62,521	62,521	47,516	30,635	15,005	10,858
		W	4,288	4,288	3,430	2,487	1,629	575	5,145	5,145	4,116	2,984	1,955	689	4,202	4,202	3,361	2,437	1,597	563
5	-15.0	Q(Btu/h)	39,411	39,411	29,952	19,311	9,459	5,564	50,526	50,526	38,400	24,758	12,126	7,133	61,137	61,137	46,464	29,957	14,673	8,631
		W	4,373	4,373	3,499	2,536	1,662	474	5,505	5,505	4,404	3,193	2,092	597	4,888	4,888	3,910	2,835	1,857	530
2	-16.7	Q(Btu/h)	37,768	37,768	28,704	18,507	9,064	4,955	48,421	48,421	36,800	23,726	11,621	6,352	58,589	58,589	44,528	28,709	14,061	7,686
		W	4,116	4,116	3,293	2,387	1,564	414	5,488	5,488	4,390	3,183	2,085	551	5,145	5,145	4,116	2,984	1,955	517
-3	-19.4	Q(Btu/h)	35,032	35,032	26,624	17,165	8,408	4,267	44,912	44,912	34,133	22,007	10,779	5,471	54,344	54,344	41,301	26,628	13,043	6,620
		W	3,773	3,773	3,018	2,188	1,434	357	5,231	5,231	4,185	3,034	1,988	495	5,402	5,402	4,322	3,133	2,053	511
-8	-22.2	Q(Btu/h)	32,295	32,295	24,544	15,824	7,751	3,250	41,404	41,404	31,467	20,288	9,937	4,167	50,098	50,098	38,075	24,548	12,024	5,042
		W	3,344	3,344	2,675	1,940	1,271	265	4,974	4,974	3,979	2,885	1,890	394	5,745	5,745	4,596	3,332	2,183	456
-13	-25.0	Q(Btu/h)	29,558	29,558	22,464	14,483	7,094	2,259	37,895	37,895	28,800	18,568	9,095	2,897	45,853	45,853	34,848	22,468	11,005	3,505
		W	2,916	2,916	2,332	1,691	1,108	172	4,802	4,802	3,842	2,785	1,825	283	5,488	5,488	4,390	3,183	2,085	323

* Above data is for heating operation without any frost.

MXZ-8C48NAHZ2-U1

1) COOLING

Rated
Q(Btu/h): 48,000
W: 3,930

Indoor W.B.		72°F / 22.2°C						67°F / 19.4°C						64°F / 17.8°C						61°F / 16.1°C						
Outdoor D.B.		Max.	Rated	75%	50%	25%	Min.	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)	32,659	32,659	24,494	16,330	-	11,052	30,240	30,240	22,680	15,120	-	10,233	27,518	27,518	20,639	13,759	-	9,312	24,797	24,797	18,598	12,398	-	8,391
		W	1,886	1,886	1,509	1,094	-	1,015	1,965	1,965	1,572	1,140	-	1,058	1,955	1,955	1,564	1,134	-	1,052	2,045	2,045	1,636	1,186	-	1,101
110	43.3	Q(Btu/h)	38,880	38,880	29,160	19,440	-	11,458	36,000	36,000	27,000	18,000	-	10,609	32,760	32,760	24,570	16,380	-	9,655	29,520	29,520	22,140	14,760	-	8,700
		W	2,515	2,515	2,012	1,459	-	951	2,672	2,672	2,138	1,550	-	1,010	2,679	2,679	2,144	1,554	-	1,013	2,714	2,714	2,171	1,574	-	1,026
106	41.1	Q(Btu/h)	44,064	44,064	33,048	22,032	-	11,782	40,800	40,800	30,600	20,400	-	10,910	37,128	37,128	27,846	18,564	-	9,928	33,456	33,456	25,092	16,728	-	8,946
		W	2,908	2,908	2,327	1,687	-	888	3,183	3,183	2,547	1,846	-	972	3,262	3,262	2,609	1,892	-	996	2,325	2,325	1,860	1,348	-	710
102	38.9	Q(Btu/h)	48,211	48,211	36,158	24,106	-	12,109	44,640	44,640	33,480	22,320	-	11,212	40,622	40,622	30,467	20,311	-	10,203	36,605	36,605	27,454	18,302	-	9,194
		W	3,380	3,380	2,704	1,960	-	873	3,616	3,616	2,892	2,097	-	934	3,913	3,913	3,131	2,270	-	1,011	2,231	2,231	1,785	1,294	-	576
98	36.7	Q(Btu/h)	51,322	51,322	38,491	25,661	-	12,429	47,520	47,520	35,640	23,760	-	11,508	43,243	43,243	32,432	21,622	-	10,472	38,966	38,966	29,225	19,483	-	9,436
		W	3,930	3,930	3,144	2,279	-	871	4,048	4,048	3,238	2,348	-	897	3,679	3,679	2,943	2,134	-	815	2,138	2,138	1,710	1,240	-	474
94	34.4	Q(Btu/h)	51,840	51,840	38,880	25,920	-	12,747	48,000	48,000	36,000	24,000	-	11,803	43,680	43,680	32,760	21,840	-	10,740	39,360	39,360	29,520	19,680	-	9,678
		W	4,048	4,048	3,238	2,348	-	894	3,891	3,891	3,113	2,257	-	859	3,458	3,458	2,766	2,006	-	764	2,028	2,028	1,622	1,176	-	448
90	32.2	Q(Btu/h)	52,099	52,099	39,074	26,050	-	13,064	48,240	48,240	36,180	24,120	-	12,096	43,898	43,898	32,924	21,949	-	11,007	39,557	39,557	29,668	19,778	-	9,919
		W	3,930	3,930	3,144	2,279	-	865	3,734	3,734	2,987	2,165	-	822	3,274	3,274	2,619	1,899	-	721	1,924	1,924	1,539	1,116	-	424
86	30.0	Q(Btu/h)	52,099	52,099	39,074	26,050	-	13,378	48,240	48,240	36,180	24,120	-	12,387	43,898	43,898	32,924	21,949	-	11,272	39,557	39,557	29,668	19,778	-	10,158
		W	3,851	3,851	3,081	2,234	-	845	3,576	3,576	2,861	2,074	-	785	3,090	3,090	2,472	1,792	-	678	1,820	1,820	1,456	1,056	-	400
82	27.8	Q(Btu/h)	52,099	52,099	39,074	26,050	-	13,692	48,240	48,240	36,180	24,120	-	12,678	43,898	43,898	32,924	21,949	-	11,537	39,557	39,557	29,668	19,778	-	10,396
		W	3,773	3,773	3,018	2,188	-	816	3,458	3,458	2,767	2,006	-	748	2,907	2,907	2,325	1,686	-	629	1,716	1,716	1,373	995	-	371
78	25.6	Q(Btu/h)	52,773	52,773	39,580	26,387	-	14,003	48,864	48,864	36,648	24,432	-	12,966	44,466	44,466	33,350	22,233	-	11,799	40,068	40,068	30,051	20,034	-	10,632
		W	3,616	3,616	2,892	2,097	-	779	3,301	3,301	2,641	1,915	-	711	2,723	2,723	2,178	1,579	-	587	1,612	1,612	1,290	935	-	347
74	23.3	Q(Btu/h)	52,773	52,773	39,580	26,387	-	14,313	48,864	48,864	36,648	24,432	-	13,253	44,466	44,466	33,350	22,233	-	12,060	40,068	40,068	30,051	20,034	-	10,867
		W	3,537	3,537	2,830	2,051	-	759	3,144	3,144	2,515	1,824	-	675	2,539	2,539	2,031	1,473	-	545	1,509	1,509	1,207	875	-	324
70	21.1	Q(Btu/h)	52,825	52,825	39,619	26,412	-	14,621	48,912	48,912	36,684	24,456	-	13,538	44,510	44,510	33,382	22,255	-	12,319	40,108	40,108	30,081	20,054	-	11,101
		W	3,458	3,458	2,767	2,006	-	739	2,987	2,987	2,389	1,732	-	638	2,355	2,355	1,884	1,366	-	503	1,405	1,405	1,124	815	-	300
66	18.9	Q(Btu/h)	52,877	52,877	39,658	26,438	-	14,773	48,960	48,960	36,720	24,480	-	13,679	44,554	44,554	33,415	22,277	-	12,448	40,147	40,147	30,110	20,074	-	11,217
		W	3,458	3,458	2,767	2,006	-	656	2,908	2,908	2,327	1,687	-	551	2,261	2,261	1,809	1,312	-	429	1,350	1,350	1,080	783	-	256
62	16.7	Q(Btu/h)	52,877	52,877	39,658	26,438	-	15,077	48,960	48,960	36,720	24,480	-	13,960	44,554	44,554	33,415	22,277	-	12,704	40,147	40,147	30,110	20,074	-	11,448
		W	3,458	3,458	2,767	2,006	-	613	2,908	2,908	2,327	1,687	-	515	2,257	2,257	1,806	1,309	-	400	1,345	1,345	1,076	780	-	238
58	14.4	Q(Btu/h)	52,877	52,877	39,658	26,438	-	15,238	48,960	48,960	36,720	24,480	-	14,109	44,554	44,554	33,415	22,277	-	12,839	40,147	40,147	30,110	20,074	-	11,569
		W	3,458	3,458	2,767	2,006	-	559	2,908	2,908	2,327	1,687	-	470	2,253	2,253	1,802	1,307	-	364	1,341	1,341	1,072	778	-	217
54	12.2	Q(Btu/h)	52,877	52,877	39,658	26,438	-	15,539	48,960	48,960	36,720	24,480	-	14,388	44,554	44,554	33,415	22,277	-	13,093	40,147	40,147	30,110	20,074	-	11,798
		W	3,458	3,458	2,767	2,006	-	517	2,908	2,908	2,327	1,687	-	434	2,248	2,248	1,799	1,304	-	336	1,336	1,336	1,069	775	-	200
50	10.0	Q(Btu/h)	52,877	52,877	39,658	26,438	-	15,203	48,960	48,960	36,720	24,480	-	14,077	44,554	44,554	33,415	22,277	-	12,810	40,147	40,147	30,110	20,074	-	11,543
		W	3,458	3,458	2,767	2,006	-	557	2,908	2,908	2,327	1,687	-	468	2,244	2,244	1,795	1,302	-	361	1,331	1,331	1,065	772	-	214
46	7.8	Q(Btu/h)	52,877	52,877	39,658	26,438	-	15,013	48,960	48,960	36,720	24,480	-	13,901	44,554	44,554	33,415	22,277	-	12,650	40,147	40,147	30,110	20,074	-	11,399
		W	3,458	3,458	2,767	2,006	-	578	2,908	2,908	2,327	1,687	-	486	2,240	2,240	1,792	1,299	-	374	1,326	1,326	1,061	769	-	222
42	5.6	Q(Btu/h)	52,877	52,877	39,658	26,438	-	15,308	48,960	48,960	36,720	24,480	-	14,174	44,554	44,554	33,415	22,277	-	12,898	40,147	40,147	30,110	20,074	-	11,622
		W	3,458	3,458	2,767	2,006	-	536	2,908	2,908	2,327	1,687	-	451	2,235	2,235	1,788	1,297	-	347	1,321	1,321	1,057	766	-	205
38	3.3	Q(Btu/h)	52,877	52,877	39,658	26,438	-	15,602	48,960	48,960	36,720	24,480	-	14,446	44,554	44,554	33,415	22,277	-	13,146	40,147	40,147	30,110	20,074	-	11,846
		W	3,458	3,458	2,767	2,006	-	535	2,908	2,908	2,327	1,687	-	450	2,231	2,231	1,785	1,294	-	345	1,316	1,316	1,053	763	-	204
34	1.1	Q(Btu/h)	52,877	52,877	39,658	26,438	-	15,896	48,960	48,960	36,720	24,480	-	14,719	44,554	44,554	33,415	22,277	-	13,394	40,147	40,147	30,110	20,074	-	12,070
		W	3,458	3,458	2,767	2,006	-	535	2,908	2,908	2,327	1,687	-	450	2,227	2,227	1,781	1,291	-	345	1,311	1,311	1,049	761	-	203
30	-1.1	Q(Btu/h)	52,877	52,877	39,658	26,438	-	16,191	48,960	48,																

MXZ-8C48NAHZ2-U1
2) HEATING

Rated
Q(Btu/h): 54,000
W: 4,220

Indoor D.B. Outdoor W.B. (°F) (°C)			80°F / 26.7°C						70°F / 21.1°C						60°F / 15.6°C					
			Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.
60	15.6	Q(Btu/h)	42,120	42,120	31,590	21,060	-	14,570	54,000	54,000	40,500	27,000	-	18,680	65,340	65,340	49,005	32,670	-	22,602
		W	2,532	2,532	2,026	1,469	-	666	2,954	2,954	2,363	1,713	-	777	2,110	2,110	1,688	1,224	-	555
55	12.8	Q(Btu/h)	42,120	42,120	31,590	21,060	-	13,752	54,000	54,000	40,500	27,000	-	17,631	65,340	65,340	49,005	32,670	-	21,334
		W	2,954	2,954	2,363	1,713	-	706	3,271	3,271	2,616	1,897	-	782	2,321	2,321	1,857	1,346	-	555
50	10.0	Q(Btu/h)	42,120	42,120	31,590	21,060	-	12,943	54,000	54,000	40,500	27,000	-	16,594	65,340	65,340	49,005	32,670	-	20,079
		W	3,165	3,165	2,532	1,836	-	692	3,587	3,587	2,870	2,080	-	784	2,532	2,532	2,026	1,469	-	553
47	8.3	Q(Btu/h)	42,120	42,120	31,590	21,060	-	12,461	54,000	54,000	40,500	27,000	-	15,976	65,340	65,340	49,005	32,670	-	19,331
		W	3,482	3,482	2,785	2,019	-	718	3,798	3,798	3,038	2,203	-	784	2,743	2,743	2,194	1,591	-	566
42	5.6	Q(Btu/h)	42,698	42,698	32,024	21,349	-	11,698	54,742	54,742	41,056	27,371	-	14,997	66,237	66,237	49,678	33,119	-	18,147
		W	3,798	3,798	3,038	2,203	-	702	4,220	4,220	3,376	2,448	-	780	2,954	2,954	2,363	1,713	-	546
35	1.7	Q(Btu/h)	47,445	47,445	35,584	23,723	11,861	11,601	60,827	60,827	45,621	30,414	15,207	14,874	73,601	73,601	55,201	36,801	18,400	17,997
		W	4,220	4,220	3,376	2,448	1,604	994	4,558	4,558	3,646	2,643	1,732	1,073	3,376	3,376	2,701	1,958	1,283	795
32	0.0	Q(Btu/h)	48,043	48,043	36,032	24,021	12,011	10,973	61,593	61,593	46,195	30,797	15,398	14,068	74,528	74,528	55,896	37,264	18,632	17,022
		W	4,431	4,431	3,545	2,570	1,684	1,011	4,642	4,642	3,714	2,692	1,764	1,059	3,482	3,482	2,785	2,019	1,323	794
27	-2.8	Q(Btu/h)	47,190	47,190	35,392	23,595	11,797	10,100	60,499	60,499	45,375	30,250	15,125	12,949	73,204	73,204	54,903	36,602	18,301	15,668
		W	4,558	4,558	3,646	2,643	1,732	934	4,980	4,980	3,984	2,888	1,892	1,021	3,693	3,693	2,954	2,142	1,403	757
22	-5.6	Q(Btu/h)	46,672	46,672	35,004	23,336	11,668	9,712	59,835	59,835	44,876	29,918	14,959	12,451	72,401	72,401	54,301	36,200	18,100	15,066
		W	4,980	4,980	3,984	2,888	1,892	900	5,381	5,381	4,304	3,121	2,045	973	4,009	4,009	3,207	2,325	1,523	725
17	-8.3	Q(Btu/h)	46,029	46,029	34,522	23,015	11,507	9,070	59,012	59,012	44,259	29,506	14,753	11,628	71,404	71,404	53,553	35,702	17,851	14,070
		W	5,170	5,170	4,136	2,998	1,964	817	5,803	5,803	4,642	3,365	2,205	917	4,473	4,473	3,579	2,594	1,700	707
12	-11.1	Q(Btu/h)	45,341	45,341	34,006	22,670	11,335	7,874	58,129	58,129	43,597	29,065	14,532	10,095	70,336	70,336	52,752	35,168	17,584	12,215
		W	5,275	5,275	4,220	3,060	2,005	707	6,330	6,330	5,064	3,671	2,405	848	5,170	5,170	4,136	2,998	1,964	693
5	-15.0	Q(Btu/h)	44,337	44,337	33,253	22,168	11,084	6,259	56,842	56,842	42,632	28,421	14,211	8,025	68,779	68,779	51,584	34,389	17,195	9,710
		W	5,381	5,381	4,304	3,121	2,045	584	6,773	6,773	5,418	3,928	2,574	735	6,014	6,014	4,811	3,488	2,285	652
2	-16.7	Q(Btu/h)	42,489	42,489	31,867	21,245	10,622	5,574	54,474	54,474	40,855	27,237	13,618	7,146	65,913	65,913	49,435	32,957	16,478	8,647
		W	5,064	5,064	4,051	2,937	1,924	509	6,752	6,752	5,402	3,916	2,566	679	6,330	6,330	5,064	3,671	2,405	636
-3	-19.4	Q(Btu/h)	39,411	39,411	29,558	19,705	9,853	4,801	50,526	50,526	37,895	25,263	12,632	6,155	61,137	61,137	45,853	30,568	15,284	7,447
		W	4,642	4,642	3,714	2,692	1,764	440	6,436	6,436	5,148	3,733	2,445	609	6,647	6,647	5,317	3,855	2,526	629
-8	-22.2	Q(Btu/h)	36,332	36,332	27,249	18,166	9,083	3,657	46,579	46,579	34,934	23,289	11,645	4,688	56,361	56,361	42,270	28,180	14,090	5,673
		W	4,115	4,115	3,292	2,386	1,564	326	6,119	6,119	4,895	3,549	2,325	485	7,069	7,069	5,655	4,100	2,686	561
-13	-25.0	Q(Btu/h)	33,253	33,253	24,939	16,626	8,313	2,542	42,632	42,632	31,974	21,316	10,658	3,259	51,584	51,584	38,688	25,792	12,896	3,943
		W	3,587	3,587	2,870	2,080	1,363	211	5,908	5,908	4,726	3,427	2,245	348	6,752	6,752	5,402	3,916	2,566	398

* Above data is for heating operation without any frost.

MXZ-8C48NA2-U1

1) COOLING

Rated
Q(Btu/h): 48,000
W: 3,930

Indoor W.B.		72°F / 22.2°C						67°F / 19.4°C						64°F / 17.8°C						61°F / 16.1°C						
Outdoor D.B.		Max.	Rated	75%	50%	25%	Min.	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)	32,659	32,659	24,494	16,330	-	11,052	30,240	30,240	22,680	15,120	-	10,233	27,518	27,518	20,639	13,759	-	9,312	24,797	24,797	18,598	12,398	-	8,391
		W	1,886	1,886	1,509	1,094	-	1,015	1,965	1,965	1,572	1,140	-	1,058	1,955	1,955	1,564	1,134	-	1,052	2,045	2,045	1,636	1,186	-	1,101
110	43.3	Q(Btu/h)	38,880	38,880	29,160	19,440	-	11,458	36,000	36,000	27,000	18,000	-	10,609	32,760	32,760	24,570	16,380	-	9,655	29,520	29,520	22,140	14,760	-	8,700
		W	2,515	2,515	2,012	1,459	-	951	2,672	2,672	2,138	1,550	-	1,010	2,679	2,679	2,144	1,554	-	1,013	2,714	2,714	2,171	1,574	-	1,026
106	41.1	Q(Btu/h)	44,064	44,064	33,048	22,032	-	11,782	40,800	40,800	30,600	20,400	-	10,910	37,128	37,128	27,846	18,564	-	9,928	33,456	33,456	25,092	16,728	-	8,946
		W	2,908	2,908	2,327	1,687	-	888	3,183	3,183	2,547	1,846	-	972	3,262	3,262	2,609	1,892	-	996	2,325	2,325	1,860	1,348	-	710
102	38.9	Q(Btu/h)	48,211	48,211	36,158	24,106	-	12,109	44,640	44,640	33,480	22,320	-	11,212	40,622	40,622	30,467	20,311	-	10,203	36,605	36,605	27,454	18,302	-	9,194
		W	3,380	3,380	2,704	1,960	-	873	3,616	3,616	2,892	2,097	-	934	3,913	3,913	3,131	2,270	-	1,011	2,231	2,231	1,785	1,294	-	576
98	36.7	Q(Btu/h)	51,322	51,322	38,491	25,661	-	12,429	47,520	47,520	35,640	23,760	-	11,508	43,243	43,243	32,432	21,622	-	10,472	38,966	38,966	29,225	19,483	-	9,436
		W	3,930	3,930	3,144	2,279	-	871	4,048	4,048	3,238	2,348	-	897	3,679	3,679	2,943	2,134	-	815	2,138	2,138	1,710	1,240	-	474
94	34.4	Q(Btu/h)	51,840	51,840	38,880	25,920	-	12,747	48,000	48,000	36,000	24,000	-	11,803	43,680	43,680	32,760	21,840	-	10,740	39,360	39,360	29,520	19,680	-	9,678
		W	4,048	4,048	3,238	2,348	-	894	3,891	3,891	3,113	2,257	-	859	3,458	3,458	2,766	2,006	-	764	2,028	2,028	1,622	1,176	-	448
90	32.2	Q(Btu/h)	52,099	52,099	39,074	26,050	-	13,064	48,240	48,240	36,180	24,120	-	12,096	43,898	43,898	32,924	21,949	-	11,007	39,557	39,557	29,668	19,778	-	9,919
		W	3,930	3,930	3,144	2,279	-	865	3,734	3,734	2,987	2,165	-	822	3,274	3,274	2,619	1,899	-	721	1,924	1,924	1,539	1,116	-	424
86	30.0	Q(Btu/h)	52,099	52,099	39,074	26,050	-	13,378	48,240	48,240	36,180	24,120	-	12,387	43,898	43,898	32,924	21,949	-	11,272	39,557	39,557	29,668	19,778	-	10,158
		W	3,851	3,851	3,081	2,234	-	845	3,576	3,576	2,861	2,074	-	785	3,090	3,090	2,472	1,792	-	678	1,820	1,820	1,456	1,056	-	400
82	27.8	Q(Btu/h)	52,099	52,099	39,074	26,050	-	13,692	48,240	48,240	36,180	24,120	-	12,678	43,898	43,898	32,924	21,949	-	11,537	39,557	39,557	29,668	19,778	-	10,396
		W	3,773	3,773	3,018	2,188	-	816	3,458	3,458	2,767	2,006	-	748	2,907	2,907	2,325	1,686	-	629	1,716	1,716	1,373	995	-	371
78	25.6	Q(Btu/h)	52,773	52,773	39,580	26,387	-	14,003	48,864	48,864	36,648	24,432	-	12,966	44,466	44,466	33,350	22,233	-	11,799	40,068	40,068	30,051	20,034	-	10,632
		W	3,616	3,616	2,892	2,097	-	779	3,301	3,301	2,641	1,915	-	711	2,723	2,723	2,178	1,579	-	587	1,612	1,612	1,290	935	-	347
74	23.3	Q(Btu/h)	52,773	52,773	39,580	26,387	-	14,313	48,864	48,864	36,648	24,432	-	13,253	44,466	44,466	33,350	22,233	-	12,060	40,068	40,068	30,051	20,034	-	10,867
		W	3,537	3,537	2,830	2,051	-	759	3,144	3,144	2,515	1,824	-	675	2,539	2,539	2,031	1,473	-	545	1,509	1,509	1,207	875	-	324
70	21.1	Q(Btu/h)	52,825	52,825	39,619	26,412	-	14,621	48,912	48,912	36,684	24,456	-	13,538	44,510	44,510	33,382	22,255	-	12,319	40,108	40,108	30,081	20,054	-	11,101
		W	3,458	3,458	2,767	2,006	-	739	2,987	2,987	2,389	1,732	-	638	2,355	2,355	1,884	1,366	-	503	1,405	1,405	1,124	815	-	300
66	18.9	Q(Btu/h)	52,877	52,877	39,658	26,438	-	14,773	48,960	48,960	36,720	24,480	-	13,679	44,554	44,554	33,415	22,277	-	12,448	40,147	40,147	30,110	20,074	-	11,217
		W	3,458	3,458	2,767	2,006	-	656	2,908	2,908	2,327	1,687	-	551	2,261	2,261	1,809	1,312	-	429	1,350	1,350	1,080	783	-	256
62	16.7	Q(Btu/h)	52,877	52,877	39,658	26,438	-	15,077	48,960	48,960	36,720	24,480	-	13,960	44,554	44,554	33,415	22,277	-	12,704	40,147	40,147	30,110	20,074	-	11,448
		W	3,458	3,458	2,767	2,006	-	613	2,908	2,908	2,327	1,687	-	515	2,257	2,257	1,806	1,309	-	400	1,345	1,345	1,076	780	-	238
58	14.4	Q(Btu/h)	52,877	52,877	39,658	26,438	-	15,238	48,960	48,960	36,720	24,480	-	14,109	44,554	44,554	33,415	22,277	-	12,839	40,147	40,147	30,110	20,074	-	11,569
		W	3,458	3,458	2,767	2,006	-	559	2,908	2,908	2,327	1,687	-	470	2,253	2,253	1,802	1,307	-	364	1,341	1,341	1,072	778	-	217
54	12.2	Q(Btu/h)	52,877	52,877	39,658	26,438	-	15,539	48,960	48,960	36,720	24,480	-	14,388	44,554	44,554	33,415	22,277	-	13,093	40,147	40,147	30,110	20,074	-	11,798
		W	3,458	3,458	2,767	2,006	-	517	2,908	2,908	2,327	1,687	-	434	2,248	2,248	1,799	1,304	-	336	1,336	1,336	1,069	775	-	200
50	10.0	Q(Btu/h)	52,877	52,877	39,658	26,438	-	15,203	48,960	48,960	36,720	24,480	-	14,077	44,554	44,554	33,415	22,277	-	12,810	40,147	40,147	30,110	20,074	-	11,543
		W	3,458	3,458	2,767	2,006	-	557	2,908	2,908	2,327	1,687	-	468	2,244	2,244	1,795	1,302	-	361	1,331	1,331	1,065	772	-	214
46	7.8	Q(Btu/h)	52,877	52,877	39,658	26,438	-	15,013	48,960	48,960	36,720	24,480	-	13,901	44,554	44,554	33,415	22,277	-	12,650	40,147	40,147	30,110	20,074	-	11,399
		W	3,458	3,458	2,767	2,006	-	578	2,908	2,908	2,327	1,687	-	486	2,240	2,240	1,792	1,299	-	374	1,326	1,326	1,061	769	-	222
42	5.6	Q(Btu/h)	52,877	52,877	39,658	26,438	-	15,308	48,960	48,960	36,720	24,480	-	14,174	44,554	44,554	33,415	22,277	-	12,898	40,147	40,147	30,110	20,074	-	11,622
		W	3,458	3,458	2,767	2,006	-	536	2,908	2,908	2,327	1,687	-	451	2,235	2,235	1,788	1,297	-	347	1,321	1,321	1,057	766	-	205
38	3.3	Q(Btu/h)	52,877	52,877	39,658	26,438	-	15,602	48,960	48,960	36,720	24,480	-	14,446	44,554	44,554	33,415	22,277	-	13,146	40,147	40,147	30,110	20,074	-	11,846
		W	3,458	3,458	2,767	2,006	-	535	2,908	2,908	2,327	1,687	-	450	2,231	2,231	1,785	1,294	-	345	1,316	1,316	1,053	763	-	204
34	1.1	Q(Btu/h)	52,877	52,877	39,658	26,438	-	15,896	48,960	48,960	36,720	24,480	-	14,719	44,554	44,554	33,415	22,277	-	13,394	40,147	40,147	30,110	20,074	-	12,070
		W	3,458	3,458	2,767	2,006	-	535	2,908	2,908	2,327	1,687	-	450	2,227	2,227	1,781	1,291	-	345	1,311	1,311	1,049	761	-	203
30	-1.1	Q(Btu/h)	52,877	52,877	39,658	26,438	-	16,191	48,960	4																

MXZ-8C48NA2-U1
2) HEATING

Rated
 Q(Btu/h): 54,000
 W: 4,220

Indoor D.B.			80°F / 26.7°C						70°F / 21.1°C						60°F / 15.6°C					
Outdoor W.B.			Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.
(°F)	(°C)																			
60	15.6	Q(Btu/h)	42,120	42,120	31,590	21,060	-	14,570	54,000	54,000	40,500	27,000	-	18,680	65,340	65,340	49,005	32,670	-	22,602
		W	2,110	2,110	1,688	1,224	-	571	2,870	2,870	2,296	1,664	-	777	2,532	2,532	2,026	1,469	-	685
55	12.8	Q(Btu/h)	42,120	42,120	31,590	21,060	-	13,752	54,000	54,000	40,500	27,000	-	17,631	65,340	65,340	49,005	32,670	-	21,334
		W	2,363	2,363	1,891	1,371	-	576	3,207	3,207	2,566	1,860	-	782	2,701	2,701	2,161	1,566	-	659
50	10.0	Q(Btu/h)	42,120	42,120	31,590	21,060	-	12,943	54,000	54,000	40,500	27,000	-	16,594	65,340	65,340	49,005	32,670	-	20,079
		W	2,616	2,616	2,093	1,518	-	579	3,545	3,545	2,836	2,056	-	784	2,954	2,954	2,363	1,713	-	653
47	8.3	Q(Btu/h)	42,120	42,120	31,590	21,060	-	12,461	54,000	54,000	40,500	27,000	-	15,976	65,340	65,340	49,005	32,670	-	19,331
		W	2,785	2,785	2,228	1,615	-	575	3,798	3,798	3,038	2,203	-	784	3,207	3,207	2,566	1,860	-	662
42	5.6	Q(Btu/h)	42,120	42,120	31,590	21,060	-	11,698	54,000	54,000	40,500	27,000	-	14,997	65,340	65,340	49,005	32,670	-	18,147
		W	3,038	3,038	2,431	1,762	-	540	4,389	4,389	3,511	2,546	-	780	3,587	3,587	2,870	2,080	-	638
35	1.7	Q(Btu/h)	42,120	42,120	31,590	21,060	-	11,601	54,000	54,000	40,500	27,000	-	14,874	65,340	65,340	49,005	32,670	-	17,997
		W	3,714	3,714	2,971	2,154	-	774	5,148	5,148	4,119	2,986	-	1,073	4,473	4,473	3,579	2,594	-	932
32	0.0	Q(Btu/h)	41,699	41,699	31,274	20,849	-	10,973	53,460	53,460	40,095	26,730	-	14,068	64,687	64,687	48,515	32,343	-	17,022
		W	4,051	4,051	3,241	2,350	-	807	5,317	5,317	4,254	3,084	-	1,059	4,642	4,642	3,714	2,692	-	925
27	-2.8	Q(Btu/h)	37,908	37,908	28,431	18,954	-	10,100	48,600	48,600	36,450	24,300	-	12,949	55,890	55,890	41,918	27,945	-	15,668
		W	4,473	4,473	3,579	2,594	-	933	4,895	4,895	3,916	2,839	-	1,021	4,220	4,220	3,376	2,448	-	880
22	-5.6	Q(Btu/h)	34,117	34,117	25,588	17,059	-	9,712	43,740	43,740	32,805	21,870	-	12,451	52,925	52,925	39,694	26,463	-	15,066
		W	4,980	4,980	3,984	2,888	-	1,063	4,558	4,558	3,646	2,643	-	973	3,798	3,798	3,038	2,203	-	811
17	-8.3	Q(Btu/h)	30,326	30,326	22,745	15,163	-	9,070	38,880	38,880	29,160	19,440	-	11,628	47,045	47,045	35,284	23,522	-	14,070
		W	4,811	4,811	3,849	2,790	-	1,066	4,136	4,136	3,308	2,399	-	917	3,292	3,292	2,633	1,909	-	730
12	-11.1	Q(Btu/h)	27,799	27,799	20,849	13,900	-	7,874	35,640	35,640	26,730	17,820	-	10,095	43,124	43,124	32,343	21,562	-	12,215
		W	4,473	4,473	3,579	2,594	-	1,022	3,714	3,714	2,971	2,154	-	848	2,870	2,870	2,296	1,664	-	655
5	-15.0	Q(Btu/h)	25,272	25,272	18,954	12,636	6,318	6,259	32,400	32,400	24,300	16,200	8,100	8,025	39,204	39,204	29,403	19,602	9,801	9,710
		W	3,882	3,882	3,106	2,252	1,475	939	3,038	3,038	2,431	1,762	1,155	735	2,194	2,194	1,756	1,273	834	531
2	-16.7	Q(Btu/h)	24,219	24,219	18,164	12,110	6,055	5,574	31,050	31,050	23,288	15,525	7,763	7,146	37,571	37,571	28,178	18,785	9,393	8,647
		W	3,629	3,629	2,903	2,105	1,379	884	2,785	2,785	2,228	1,615	1,058	679	1,899	1,899	1,519	1,101	722	463
-3	-19.4	Q(Btu/h)	22,745	22,745	17,059	11,372	5,686	4,801	29,160	29,160	21,870	14,580	7,290	6,155	35,284	35,284	26,463	17,642	8,821	7,447
		W	3,292	3,292	2,633	1,909	1,251	849	2,363	2,363	1,891	1,371	898	609	1,435	1,435	1,148	832	545	370
-8	-22.2	Q(Btu/h)	21,060	21,060	15,795	10,530	5,265	3,657	27,000	27,000	20,250	13,500	6,750	4,688	32,670	32,670	24,503	16,335	8,168	5,673
		W	2,870	2,870	2,296	1,664	1,090	717	1,941	1,941	1,553	1,126	738	485	928	928	743	538	353	232
-13	-25.0	Q(Btu/h)	19,375	19,375	14,531	9,688	4,844	2,542	24,840	24,840	18,630	12,420	6,210	3,259	30,056	30,056	22,542	15,028	7,514	3,943
		W	2,490	2,490	1,992	1,444	946	570	1,519	1,519	1,215	881	577	348	506	506	405	294	192	116

* Above data is for heating operation without any frost.

MXZ-8C60NA2-U1
1) COOLING

Rated
Q(Btu/h): 60,000
W: 4,800

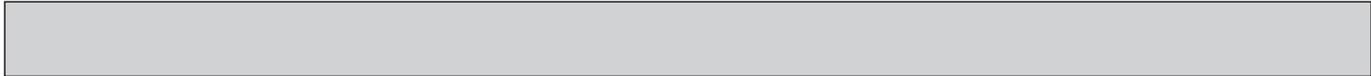
Indoor W.B.		72°F / 22.2°C					67°F / 19.4°C					64°F / 17.8°C					61°F / 16.1°C									
Outdoor D.B.		Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.	
(°F)	(°C)																									
115	46.1	Q(Btu/h)	40,824	40,824	30,618	20,412	-	13,815	37,800	37,800	28,350	18,900	-	12,791	34,398	34,398	25,799	17,199	-	11,640	30,996	30,996	23,247	15,498	-	10,489
		W	2,304	2,304	2,028	1,498	-	1,219	2,400	2,400	2,112	1,560	-	1,269	2,387	2,387	2,101	1,552	-	1,263	2,498	2,498	2,198	1,624	-	1,321
110	43.3	Q(Btu/h)	48,600	48,600	36,450	24,300	-	14,323	45,000	45,000	33,750	22,500	-	13,262	40,950	40,950	30,713	20,475	-	12,068	36,900	36,900	27,675	18,450	-	10,875
		W	3,072	3,072	2,703	1,997	-	1,141	3,264	3,264	2,872	2,122	-	1,212	3,273	3,273	2,880	2,127	-	1,216	3,315	3,315	2,917	2,155	-	1,231
106	41.1	Q(Btu/h)	55,080	55,080	41,310	27,540	-	14,728	51,000	51,000	38,250	25,500	-	13,637	46,410	46,410	34,808	23,205	-	12,410	41,820	41,820	31,365	20,910	-	11,182
		W	3,552	3,552	3,126	2,309	-	1,066	3,888	3,888	3,421	2,527	-	1,167	3,984	3,984	3,506	2,589	-	1,196	2,839	2,839	2,499	1,846	-	852
102	38.9	Q(Btu/h)	60,264	60,264	45,198	30,132	-	15,136	55,800	55,800	41,850	27,900	-	14,015	50,778	50,778	38,084	25,389	-	12,753	45,756	45,756	34,317	22,878	-	11,492
		W	4,128	4,128	3,633	2,683	-	1,048	4,416	4,416	3,886	2,870	-	1,121	4,779	4,779	4,206	3,107	-	1,213	2,724	2,724	2,398	1,771	-	692
98	36.7	Q(Btu/h)	64,152	64,152	48,114	32,076	-	15,536	59,400	59,400	44,550	29,700	-	14,385	54,054	54,054	40,541	27,027	-	13,090	48,708	48,708	36,531	24,354	-	11,796
		W	4,800	4,800	4,224	3,120	-	1,045	4,944	4,944	4,351	3,214	-	1,076	4,494	4,494	3,955	2,921	-	978	2,611	2,611	2,298	1,697	-	568
94	34.4	Q(Btu/h)	64,800	64,800	48,600	32,400	-	15,934	60,000	60,000	45,000	30,000	-	14,753	54,600	54,600	40,950	27,300	-	13,426	49,200	49,200	36,900	24,600	-	12,098
		W	4,944	4,944	4,351	3,214	-	1,073	4,752	4,752	4,182	3,089	-	1,031	4,223	4,223	3,717	2,745	-	917	2,477	2,477	2,180	1,610	-	537
90	32.2	Q(Btu/h)	65,124	65,124	48,843	32,562	-	16,330	60,300	60,300	45,225	30,150	-	15,120	54,873	54,873	41,155	27,437	-	13,759	49,446	49,446	37,085	24,723	-	12,398
		W	4,800	4,800	4,224	3,120	-	1,038	4,560	4,560	4,013	2,964	-	987	3,999	3,999	3,519	2,599	-	865	2,350	2,350	2,068	1,527	-	508
86	30.0	Q(Btu/h)	65,124	65,124	48,843	32,562	-	16,723	60,300	60,300	45,225	30,150	-	15,484	54,873	54,873	41,155	27,437	-	14,091	49,446	49,446	37,085	24,723	-	12,697
		W	4,704	4,704	4,140	3,058	-	1,015	4,368	4,368	3,844	2,839	-	942	3,775	3,775	3,322	2,453	-	814	2,223	2,223	1,956	1,445	-	479
82	27.8	Q(Btu/h)	65,124	65,124	48,843	32,562	-	17,115	60,300	60,300	45,225	30,150	-	15,847	54,873	54,873	41,155	27,437	-	14,421	49,446	49,446	37,085	24,723	-	12,994
		W	4,608	4,608	4,055	2,995	-	979	4,224	4,224	3,717	2,746	-	898	3,550	3,550	3,124	2,308	-	755	2,096	2,096	1,845	1,363	-	446
78	25.6	Q(Btu/h)	65,966	65,966	49,475	32,983	-	17,504	61,080	61,080	45,810	30,540	-	16,207	55,583	55,583	41,687	27,791	-	14,749	50,086	50,086	37,564	25,043	-	13,290
		W	4,416	4,416	3,886	2,870	-	935	4,032	4,032	3,548	2,621	-	854	3,326	3,326	2,927	2,162	-	704	1,969	1,969	1,733	1,280	-	417
74	23.3	Q(Btu/h)	65,966	65,966	49,475	32,983	-	17,891	61,080	61,080	45,810	30,540	-	16,566	55,583	55,583	41,687	27,791	-	15,075	50,086	50,086	37,564	25,043	-	13,584
		W	4,320	4,320	3,802	2,808	-	911	3,840	3,840	3,379	2,496	-	810	3,101	3,101	2,729	2,016	-	654	1,842	1,842	1,621	1,198	-	389
70	21.1	Q(Btu/h)	66,031	66,031	49,523	33,016	-	18,276	61,140	61,140	45,855	30,570	-	16,922	55,637	55,637	41,728	27,819	-	15,399	50,135	50,135	37,601	25,067	-	13,876
		W	4,224	4,224	3,717	2,746	-	887	3,648	3,648	3,210	2,371	-	766	2,877	2,877	2,532	1,870	-	604	1,716	1,716	1,510	1,115	-	360
66	18.9	Q(Btu/h)	66,096	66,096	49,572	33,048	-	18,466	61,200	61,200	45,900	30,600	-	17,098	55,692	55,692	41,769	27,846	-	15,559	50,184	50,184	37,638	25,092	-	14,021
		W	4,224	4,224	3,717	2,746	-	787	3,552	3,552	3,126	2,309	-	662	2,762	2,762	2,430	1,795	-	514	1,649	1,649	1,451	1,072	-	307
62	16.7	Q(Btu/h)	66,096	66,096	49,572	33,048	-	18,847	61,200	61,200	45,900	30,600	-	17,451	55,692	55,692	41,769	27,846	-	15,880	50,184	50,184	37,638	25,092	-	14,309
		W	4,224	4,224	3,717	2,746	-	735	3,552	3,552	3,126	2,309	-	618	2,757	2,757	2,426	1,792	-	480	1,643	1,643	1,446	1,068	-	286
58	14.4	Q(Btu/h)	66,096	66,096	49,572	33,048	-	19,047	61,200	61,200	45,900	30,600	-	17,636	55,692	55,692	41,769	27,846	-	16,049	50,184	50,184	37,638	25,092	-	14,462
		W	4,224	4,224	3,717	2,746	-	671	3,552	3,552	3,126	2,309	-	564	2,751	2,751	2,421	1,788	-	437	1,637	1,637	1,441	1,064	-	260
54	12.2	Q(Btu/h)	66,096	66,096	49,572	33,048	-	19,423	61,200	61,200	45,900	30,600	-	17,985	55,692	55,692	41,769	27,846	-	16,366	50,184	50,184	37,638	25,092	-	14,747
		W	4,224	4,224	3,717	2,746	-	620	3,552	3,552	3,126	2,309	-	521	2,746	2,746	2,417	1,785	-	403	1,631	1,631	1,436	1,060	-	239
50	10.0	Q(Btu/h)	66,096	66,096	49,572	33,048	-	19,003	61,200	61,200	45,900	30,600	-	17,596	55,692	55,692	41,769	27,846	-	16,012	50,184	50,184	37,638	25,092	-	14,428
		W	4,224	4,224	3,717	2,746	-	668	3,552	3,552	3,126	2,309	-	562	2,741	2,741	2,412	1,781	-	434	1,625	1,625	1,430	1,057	-	257
46	7.8	Q(Btu/h)	66,096	66,096	49,572	33,048	-	18,767	61,200	61,200	45,900	30,600	-	17,377	55,692	55,692	41,769	27,846	-	15,813	50,184	50,184	37,638	25,092	-	14,249
		W	4,224	4,224	3,717	2,746	-	693	3,552	3,552	3,126	2,309	-	583	2,735	2,735	2,407	1,778	-	449	1,620	1,620	1,425	1,053	-	266
42	5.6	Q(Btu/h)	66,096	66,096	49,572	33,048	-	19,135	61,200	61,200	45,900	30,600	-	17,717	55,692	55,692	41,769	27,846	-	16,123	50,184	50,184	37,638	25,092	-	14,528
		W	4,224	4,224	3,717	2,746	-	643	3,552	3,552	3,126	2,309	-	541	2,730	2,730	2,403	1,775	-	416	1,614	1,614	1,420	1,049	-	246
38	3.3	Q(Btu/h)	66,096	66,096	49,572	33,048	-	19,503	61,200	61,200	45,900	30,600	-	18,058	55,692	55,692	41,769	27,846	-	16,433	50,184	50,184	37,638	25,092	-	14,808
		W	4,224	4,224	3,717	2,746	-	642	3,552	3,552	3,126	2,309	-	540	2,725	2,725	2,398	1,771	-	414	1,608	1,608	1,415	1,045	-	244
34	1.1	Q(Btu/h)	66,096	66,096	49,572	33,048	-	19,871	61,200	61,200	45,900	30,600	-	18,399	55,692	55,692	41,769	27,846	-	16,743	50,184	50,184	37,638	25,092	-	15,087
		W	4,224	4,224	3,717	2,746	-	642	3,552	3,552	3,126	2,309	-	540	2,720	2,720	2,393	1,768	-	413	1,602	1,602	1,410	1,041	-	244
30	-1.1	Q(Btu/h)	66,096	66,096	49,572	33,048	-	20																		

MXZ-8C60NA2-U1
2) HEATING

Rated
Q(Btu/h): 66,000
W: 5,530

Indoor D.B. Outdoor W.B. (°F) (°C)			80°F / 26.7°C						70°F / 21.1°C						60°F / 15.6°C					
			Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.	Max.	Rated	75%	50%	25%	Min.
60	15.6	Q(Btu/h)	51,480	51,480	38,610	25,740	-	17,808	66,000	66,000	49,500	33,000	-	22,831	79,860	79,860	59,895	39,930	-	27,625
		W	2,765	2,765	2,212	1,438	-	748	3,760	3,760	3,008	1,955	-	1,018	3,318	3,318	2,654	1,725	-	898
55	12.8	Q(Btu/h)	51,480	51,480	38,610	25,740	-	16,808	66,000	66,000	49,500	33,000	-	21,549	79,860	79,860	59,895	39,930	-	26,075
		W	3,097	3,097	2,477	1,610	-	755	4,203	4,203	3,362	2,185	-	1,025	3,539	3,539	2,831	1,840	-	863
50	10.0	Q(Btu/h)	51,480	51,480	38,610	25,740	-	15,820	66,000	66,000	49,500	33,000	-	20,282	79,860	79,860	59,895	39,930	-	24,541
		W	3,429	3,429	2,743	1,783	-	758	4,645	4,645	3,716	2,416	-	1,028	3,871	3,871	3,097	2,013	-	856
47	8.3	Q(Btu/h)	51,480	51,480	38,610	25,740	-	15,230	66,000	66,000	49,500	33,000	-	19,526	79,860	79,860	59,895	39,930	-	23,626
		W	3,650	3,650	2,920	1,898	-	753	4,977	4,977	3,982	2,588	-	1,027	4,203	4,203	3,362	2,185	-	867
42	5.6	Q(Btu/h)	51,480	51,480	38,610	25,740	-	14,297	66,000	66,000	49,500	33,000	-	18,330	79,860	79,860	59,895	39,930	-	22,179
		W	3,982	3,982	3,185	2,070	-	708	5,751	5,751	4,601	2,991	-	1,022	4,701	4,701	3,760	2,444	-	836
35	1.7	Q(Btu/h)	51,480	51,480	38,610	25,740	-	14,180	66,000	66,000	49,500	33,000	-	18,179	79,860	79,860	59,895	39,930	-	21,996
		W	4,866	4,866	3,893	2,531	-	1,014	6,747	6,747	5,397	3,508	-	1,406	5,862	5,862	4,689	3,048	-	1,222
32	0.0	Q(Btu/h)	50,965	50,965	38,224	25,483	-	13,411	65,340	65,340	49,005	32,670	-	17,194	79,061	79,061	59,296	39,531	-	20,805
		W	5,309	5,309	4,247	2,761	-	1,058	6,968	6,968	5,574	3,623	-	1,388	6,083	6,083	4,866	3,163	-	1,212
27	-2.8	Q(Btu/h)	46,332	46,332	34,749	23,166	-	12,345	59,400	59,400	44,550	29,700	-	15,826	68,310	68,310	51,233	34,155	-	19,150
		W	5,862	5,862	4,689	3,048	-	1,223	6,415	6,415	5,132	3,336	-	1,338	5,530	5,530	4,424	2,876	-	1,153
22	-5.6	Q(Btu/h)	41,699	41,699	31,274	20,849	-	11,870	53,460	53,460	40,095	26,730	-	15,218	64,687	64,687	48,515	32,343	-	18,414
		W	6,525	6,525	5,220	3,393	-	1,393	5,972	5,972	4,778	3,106	-	1,275	4,977	4,977	3,982	2,588	-	1,062
17	-8.3	Q(Btu/h)	37,066	37,066	27,799	18,533	-	11,086	47,520	47,520	35,640	23,760	-	14,212	57,499	57,499	43,124	28,750	-	17,197
		W	6,304	6,304	5,043	3,278	-	1,397	5,419	5,419	4,336	2,818	-	1,201	4,313	4,313	3,451	2,243	-	956
12	-11.1	Q(Btu/h)	33,977	33,977	25,483	16,988	-	9,624	43,560	43,560	32,670	21,780	-	12,338	52,708	52,708	39,531	26,354	-	14,929
		W	5,862	5,862	4,689	3,048	-	1,339	4,866	4,866	3,893	2,531	-	1,112	3,760	3,760	3,008	1,955	-	859
5	-15.0	Q(Btu/h)	30,888	30,888	23,166	15,444	7,722	7,650	39,600	39,600	29,700	19,800	9,900	9,808	47,916	47,916	35,937	23,958	11,979	11,868
		W	5,088	5,088	4,070	2,646	1,526	1,230	3,982	3,982	3,185	2,070	1,194	963	2,876	2,876	2,300	1,495	863	695
2	-16.7	Q(Btu/h)	29,601	29,601	22,201	14,801	7,400	6,812	37,950	37,950	28,463	18,975	9,488	8,734	45,920	45,920	34,440	22,960	11,480	10,568
		W	4,756	4,756	3,805	2,473	1,427	1,159	3,650	3,650	2,920	1,898	1,095	889	2,489	2,489	1,991	1,294	747	606
-3	-19.4	Q(Btu/h)	27,799	27,799	20,849	13,900	6,950	5,868	35,640	35,640	26,730	17,820	8,910	7,523	43,124	43,124	32,343	21,562	10,781	9,102
		W	4,313	4,313	3,451	2,243	1,294	1,112	3,097	3,097	2,477	1,610	929	798	1,880	1,880	1,504	978	564	485
-8	-22.2	Q(Btu/h)	25,740	25,740	19,305	12,870	6,435	4,469	33,000	33,000	24,750	16,500	8,250	5,730	39,930	39,930	29,948	19,965	9,983	6,933
		W	3,760	3,760	3,008	1,955	1,128	940	2,544	2,544	2,035	1,323	763	636	1,217	1,217	973	633	365	304
-13	-25.0	Q(Btu/h)	23,681	23,681	17,761	11,840	5,920	3,107	30,360	30,360	22,770	15,180	7,590	3,983	36,736	36,736	27,552	18,368	9,184	4,819
		W	3,263	3,263	2,610	1,697	979	747	1,991	1,991	1,593	1,035	597	456	664	664	531	345	199	152

* Above data is for heating operation without any frost.



mitsubishi electric corporation

HEAD OFFICE: TOKYO BUILDING, 2-7-3, MARUNOUCHI, CHIYODA-KU, TOKYO 100-8,310, JAPAN
