

Use the specified refrigerant only

Never use any refrigerant other than that specified.

Doing so may cause a burst, an explosion, or fire when the unit is being used, serviced, or disposed of.

Correct refrigerant is specified in the manuals and on the spec labels provided with our products.

We will not be held responsible for mechanical failure, system malfunction, unit breakdown or accidents caused by failure to follow the instructions.

Revision A:

- MXZ-2B20NA-¹ has been added.

Revision B:

- MXZ-3B24NA and MXZ-4B36NA have been added.

Revision C:

- MXZ-3B30NA has been added.

Revision D:

- MXZ-3B24NA-¹, MXZ-3B30NA-¹, and MXZ-4B36NA-¹ have been added.

Revision E:

- Errors in TROUBLESHOOTING have been corrected.

1

TECHNICAL CHANGES

MXZ-2B20NA

New model

MXZ-2B20NA → MXZ-2B20NA -¹

1. Outdoor fan motor has been changed.
2. Outdoor electronic control P.C. board has been changed.
3. LEV coil has been changed.

MXZ-3B24NA

New model

MXZ-3B30NA

New model

MXZ-3B24NA → MXZ-3B24NA -¹

1. Outdoor fan motor has been changed.
2. Outdoor electronic control P.C. board has been changed.

MXZ-3B30NA → MXZ-3B30NA -¹

1. Outdoor fan motor has been changed.
2. Outdoor electronic control P.C. board has been changed.

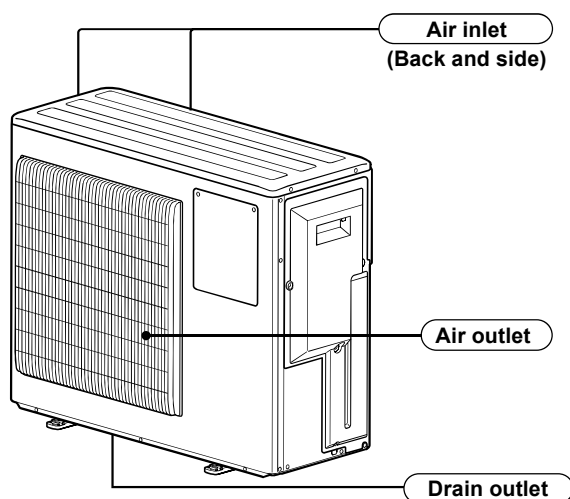
MXZ-4B36NA → MXZ-4B36NA -¹

1. Outdoor fan motor has been changed.
2. Outdoor electronic control P.C. board has been changed.

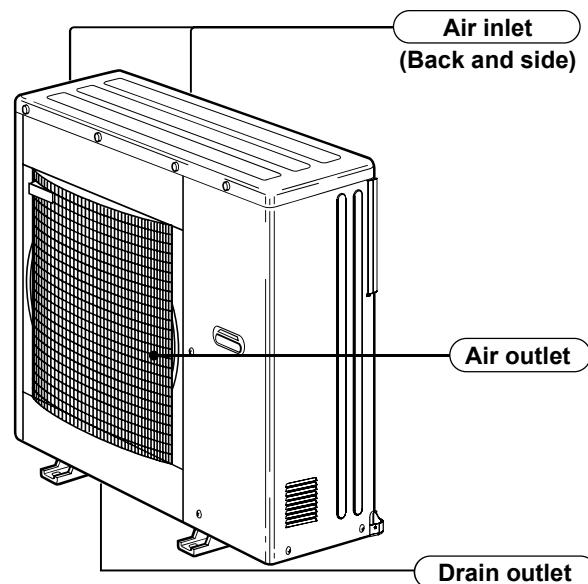
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PART NAMES AND FUNCTIONS

MXZ-2B20NA



MXZ-3B24NA MXZ-3B30NA MXZ-4B36NA



3

SPECIFICATION

Item		Outdoor model	MXZ-2B20NA, - 1	
		Indoor type	Non-Duct (09+09)	Duct (09+12)
Capacity	Cooling *1	Btu/h	18,000	20,000
	Heating 47 *1	Btu/h	22,000	22,000
	Heating 17 *2	Btu/h	14,500	12,500
Power consumption	Cooling *1	W	1,440	2,190
	Heating 47 *1	W	1,650	1,780
	Heating 17 *2	W	1,500	1,430
EER	Cooling		12.50	9.10
SEER	Cooling		18.0	15.5
HSPF IV (V)	Heating		8.9 (7.0)	8.5 (6.9)
COP	Heating		3.91	3.62
External finish			Munsell 3.0Y 7.8/1.1	
Power supply		V, phase, Hz	208/230, 1, 60	
Max. fuse size (time delay)		A	20	
Min. circuit ampacity		A	15	
Fan motor		F.L.A	0.96	
Compressor	Model		SNB130FQBH1	
	Winding resistance (at 68°F) Ω		U-V 0.98 V-W 0.98 W-U 0.98	
	R.L.A		10.1	
	L.R.A		15	
Refrigerant control			LEV	
Sound level		dB(A)	49/51	
Defrost method			Reverse cycle	
Dimensions	W	in.	33-1/16	
	D	in.	13	
	H	in.	27-15/16	
Weight		lb.	130	
Remote controller			Wireless type	
Control voltage (by built-in transformer)			12-24 V DC	
Refrigerant piping			Not supplied (optional parts)	
Valve size	Liquid	in.	1/4	
	Gas	in.	A,B: 3/8	
Connection method	Indoor		Flared	
	Outdoor		Flared	
Refrigerant charge (R410A)		lb.	5 lb. 15 oz.	
Refrigeration oil (Model)		oz.	23.7 (NEO22)	

NOTE : Test conditions are based on ARI 210/240.

Unit: °F

Mode	Test	Indoor air condition		Outdoor air condition	
		Dry bulb	Wet bulb	Dry bulb	Wet bulb
Cooling	*1: "A" Cooling steady state at rated compressor speed	80	67	95	(75)
	"B-2" Cooling steady state at rated compressor speed	80	67	82	(65)
	"B-1" Cooling steady state at minimum compressor speed	80	67	82	(65)
	Low ambient cooling steady state at minimum compressor speed	80	67	67	(53.5)
	Intermediate cooling steady state at intermediate compressor speed	80	67	87	(69)
Heating	*1: Standard rating-heating at rated compressor speed	70	60	47	43
	*2: Low temperature heating at maximum compressor speed	70	60	17	15
	Maximum temperature heating at minimum compressor speed	70	60	62	56.5
	High temperature heating at minimum compressor speed	70	60	47	43
	Frost accumulation at rated compressor speed	70	60	35	33
	Frost accumulation at intermediate compressor speed	70	60	35	33



Item		Outdoor model	MXZ-3B24NA, - 1	
		Indoor type	Non-Duct (06+06+09)	Duct (09+09+09)
Capacity	Cooling ^{*1}	Btu/h	22,000	23,600
	Heating 47 ^{*1}	Btu/h	25,000	24,600
	Heating 17 ^{*2}	Btu/h	18,800	17,000
Power consumption	Cooling ^{*1}	W	1,760	2,460
	Heating 47 ^{*1}	W	1,750	1,900
	Heating 17 ^{*2}	W	2,120	2,230
EER	Cooling		12.50	9.60
SEER	Cooling		17.5	15.0
HSPF IV (V)	Heating		9.3 (7.0)	8.5 (6.9)
COP	Heating		4.20	3.80
External finish			Munsell 3.0Y 7.8/1.1	
Power supply		V, phase, Hz	208/230, 1, 60	
Max. fuse size (time delay)		A	20	
Min. circuit ampacity		A	MXZ-3B24NA	15
			MXZ-3B24NA - 1	18
Fan motor		F.L.A	0.93	
Compressor	Model		TNB220FMCH	
	Winding resistance (at 68°F) Ω		U-V 0.61 V-W 0.61 W-U 0.61	
		R.L.A	11	
		L.R.A	15	
Refrigerant control			LEV	
Sound level		dB(A)	54/49	
Defrost method			Reverse cycle	
Dimensions	W	in.	35-7/16	
	D	in.	12-19/32	
	H	in.	35-7/16	
Weight		lb.	150	
Remote controller			Wireless type	
Control voltage (by built-in transformer)			12-24 V DC	
Refrigerant piping			Not supplied (optional parts)	
Valve size	Liquid	in.	1/4	
	Gas	in.	A: 1/2 B,C: 3/8	
Connection method	Indoor		Flared	
	Outdoor		Flared	
Refrigerant charge (R410A)		lb.	7 lb. 11 oz.	
Refrigeration oil (Model)		oz.	29.4 (NEO22)	

NOTE : Test conditions are based on ARI 210/240.

Unit: °F

Mode	Test	Indoor air condition		Outdoor air condition	
		Dry bulb	Wet bulb	Dry bulb	Wet bulb
Cooling	*1: "A" Cooling steady state at rated compressor speed	80	67	95	(75)
	"B-2" Cooling steady state at rated compressor speed	80	67	82	(65)
	"B-1" Cooling steady state at minimum compressor speed	80	67	82	(65)
	Low ambient cooling steady state at minimum compressor speed	80	67	67	(53.5)
	Intermediate cooling steady state at intermediate compressor speed	80	67	87	(69)
Heating	*1: Standard rating-heating at rated compressor speed	70	60	47	43
	*2: Low temperature heating at maximum compressor speed	70	60	17	15
	Maximum temperature heating at minimum compressor speed	70	60	62	56.5
	High temperature heating at minimum compressor speed	70	60	47	43
	Frost accumulation at rated compressor speed	70	60	35	33
	Frost accumulation at intermediate compressor speed	70	60	35	33



Item		Outdoor model	MXZ-3B30NA, -□	
		Indoor type	Non-Duct (09+09+12)	Duct (09+09+12)
Capacity	Cooling ※1	Btu/h	28,400	27,400
	Heating 47 ※1	Btu/h	28,600	27,600
	Heating 17 ※2	Btu/h	18,800	18,000
Power consumption	Cooling ※1	W	3,120	3,330
	Heating 47 ※1	W	2,150	2,220
	Heating 17 ※2	W	2,120	2,140
EER	Cooling		9.10	8.20
SEER	Cooling		17.5	14.5
HSPF IV (V)	Heating		10.5 (7.2)	9.5 (7.0)
COP	Heating		3.90	3.64
External finish			Munsell 3.0Y 7.8/1.1	
Power supply		V, phase, Hz	208/230, 1, 60	
Max. fuse size (time delay)		A	20	
Min. circuit ampacity		A	MXZ-3B30NA	15
			MXZ-3B30NA -□	18
Fan motor		F.L.A	0.93	
Compressor	Model		TNB220FMCH	
	Winding resistance (at 68°F) Ω		U-V 0.61 V-W 0.61 W-U 0.61	
		R.L.A	11	
		L.R.A	15	
Refrigerant control			LEV	
Sound level		dB(A)	49/49	
Defrost method			Reverse cycle	
Dimensions	W	in.	35-7/16	
	D	in.	12-19/32	
	H	in.	35-7/16	
Weight		lb.	150	
Remote controller			Wireless type	
Control voltage (by built-in transformer)			12-24 V DC	
Refrigerant piping			Not supplied (optional parts)	
Valve size	Liquid	in.	1/4	
	Gas	in.	A: 1/2 B,C: 3/8	
Connection method	Indoor		Flared	
	Outdoor		Flared	
Refrigerant charge (R410A)		lb.	7 lb. 11 oz.	
Refrigeration oil (Model)		oz.	29.4 (NEO22)	

NOTE : Test conditions are based on ARI 210/240.

Unit: °F

Mode	Test	Indoor air condition		Outdoor air condition	
		Dry bulb	Wet bulb	Dry bulb	Wet bulb
Cooling	※1: "A" Cooling steady state at rated compressor speed	80	67	95	(75)
	"B-2" Cooling steady state at rated compressor speed	80	67	82	(65)
	"B-1" Cooling steady state at minimum compressor speed	80	67	82	(65)
	Low ambient cooling steady state at minimum compressor speed	80	67	67	(53.5)
	Intermediate cooling steady state at intermediate compressor speed	80	67	87	(69)
Heating	※1: Standard rating-heating at rated compressor speed	70	60	47	43
	※2: Low temperature heating at maximum compressor speed	70	60	17	15
	Maximum temperature heating at minimum compressor speed	70	60	62	56.5
	High temperature heating at minimum compressor speed	70	60	47	43
	Frost accumulation at rated compressor speed	70	60	35	33
	Frost accumulation at intermediate compressor speed	70	60	35	33

Item		Outdoor model	MXZ-4B36NA, - [1]			
		Indoor type	Non-Duct (09+09+09+09)		Duct (09+09+09+09)	
Capacity	Cooling *1	Btu/h	35,400		34,400	
	Heating 47 *1	Btu/h	208 V	36,000	208 V	34,400
			230 V	36,000	230 V	34,400
	Heating 17 *2	Btu/h	24,600		25,400	
Power consumption	Cooling *1	W	3,760		3,940	
	Heating 47 *1	W	208 V	3,020	208 V	3,100
			230 V	3,020	230 V	3,100
	Heating 17 *2	W	3,340		3,450	
EER	Cooling		9.40		8.70	
SEER	Cooling		18.0		15.0	
HSPF IV (V)	Heating		9.3 (7.2)		9.0(7.0)	
COP	Heating		3.50		3.25	
External finish			Munsell 3.0Y 7.8/1.1			
Power supply		V, phase, Hz	208/230, 1, 60			
Max. fuse size (time delay)		A	MXZ-4B36NA		20	
			MXZ-4B36NA - [1]		25	
Min. circuit ampacity		A	MXZ-4B36NA		19	
			MXZ-4B36NA - [1]		23	
Fan motor		F.L.A	0.93			
Compressor	Model		TNB220FMCH			
	Winding resistance (at 68°F) Ω		U-V 0.61 V-W 0.61 W-U 0.61			
		R.L.A	14.4			
		L.R.A	15			
Refrigerant control			LEV			
Sound level		dB(A)	54/57			
Defrost method			Reverse cycle			
Dimensions	W	in.	35-7/16			
	D	in.	12-19/32			
	H	in.	35-7/16			
Weight		lb.	153			
Remote controller			Wireless type			
Control voltage (by built-in transformer)			12-24 V DC			
Refrigerant piping			Not supplied (optional parts)			
Valve size	Liquid	in.	1/4			
	Gas	in.	A: 1/2 B,C,D: 3/8			
Connection method	Indoor		Flared			
	Outdoor		Flared			
Refrigerant charge (R410A)		lb.	8 lb. 13 oz.			
Refrigeration oil (Model)		oz.	29.4 (NEO22)			

NOTE : Test conditions are based on ARI 210/240.

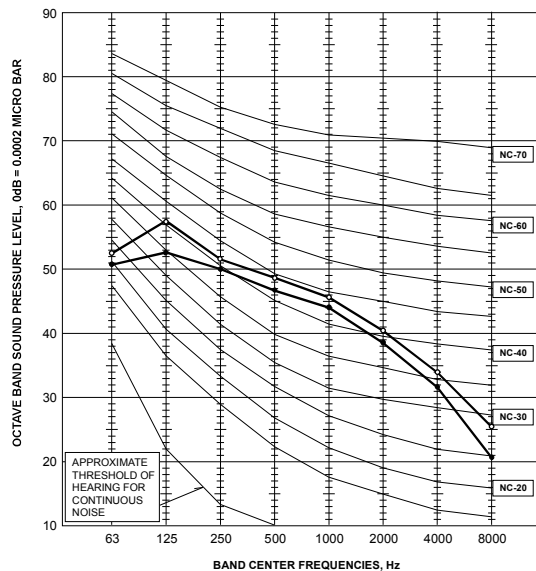
Unit: °F

Mode	Test	Indoor air condition		Outdoor air condition	
		Dry bulb	Wet bulb	Dry bulb	Wet bulb
Cooling	*1: "A" Cooling steady state at rated compressor speed	80	67	95	(75)
	"B-2" Cooling steady state at rated compressor speed	80	67	82	(65)
	"B-1" Cooling steady state at minimum compressor speed	80	67	82	(65)
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	High temperature heating at minimum compressor speed	70	60	47	43
	Frost accumulation at rated compressor speed	70	60	35	33
	Frost accumulation at intermediate compressor speed	70	60	35	33

NOISE CRITERIA CURVES

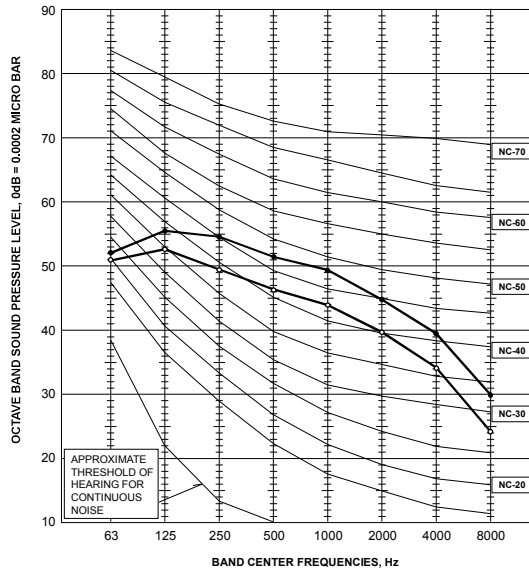
MXZ-2B20NA

FAN SPEED	FUNCTION	SPL(dB(A))	LINE
High	Cooling	49	●—●
High	Heating	51	○—○



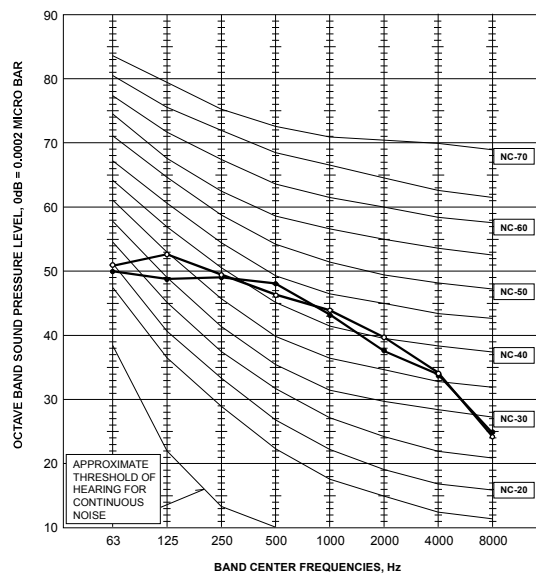
MXZ-3B24NA

FAN SPEED	FUNCTION	SPL(dB(A))	LINE
High	Cooling	54	●—●
High	Heating	49	○—○



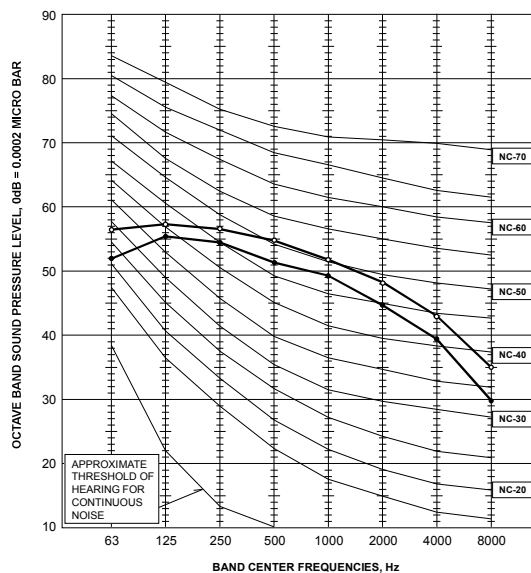
MXZ-3B30NA

FAN SPEED	FUNCTION	SPL(dB(A))	LINE
High	Cooling	49	●—●
High	Heating	49	○—○



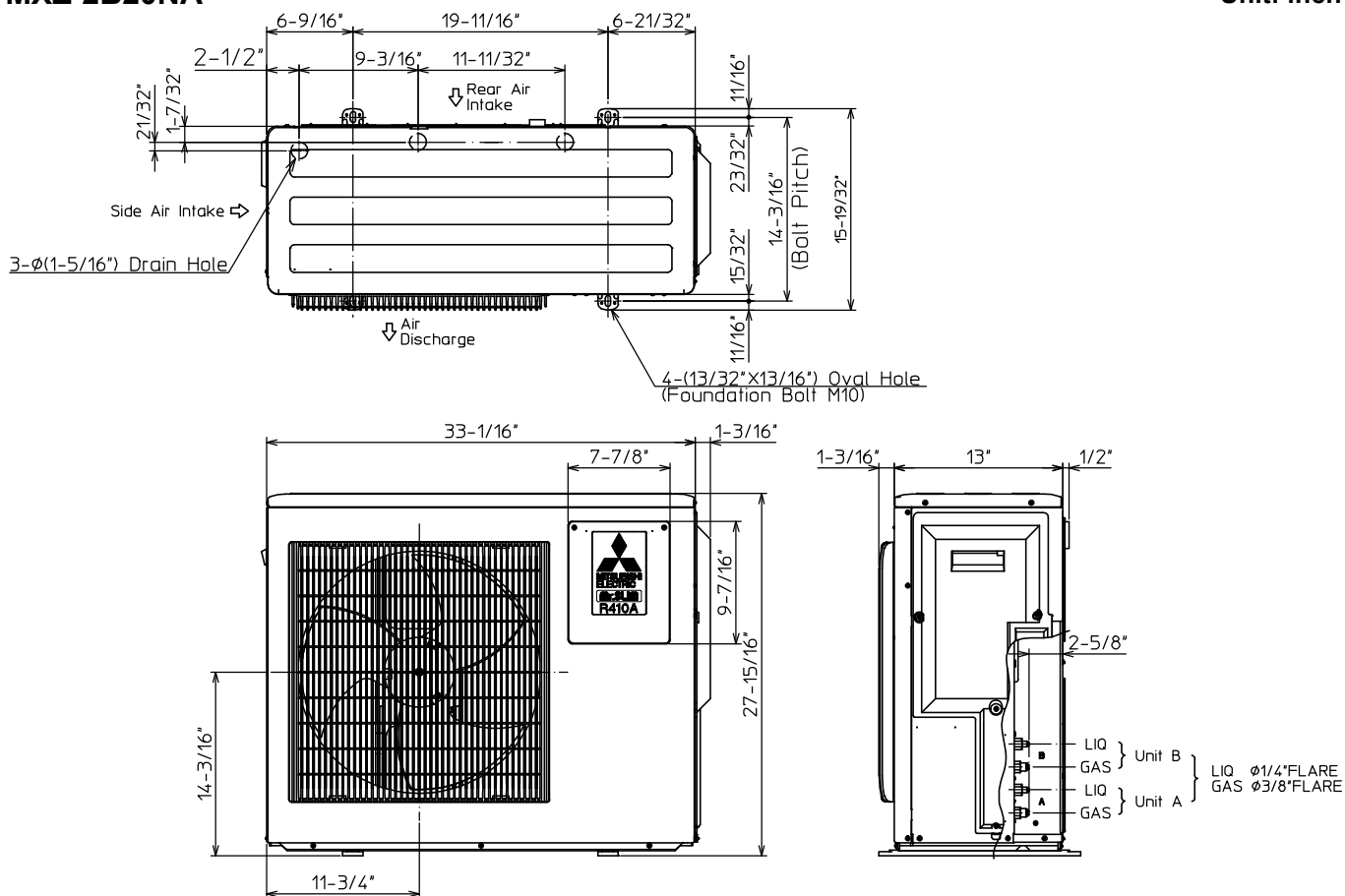
MXZ-4B36NA

FAN SPEED	FUNCTION	SPL(dB(A))	LINE
High	Cooling	54	●—●
High	Heating	57	○—○



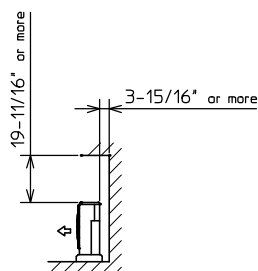
MXZ-2B20NA

Unit: inch

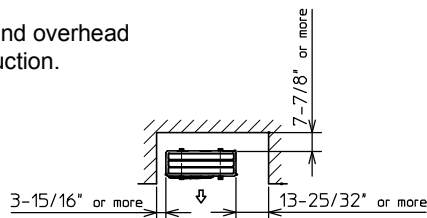


1. Installation space

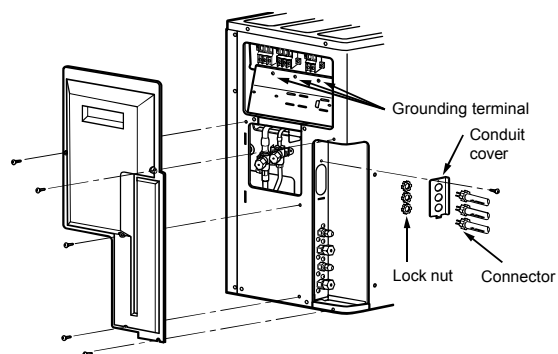
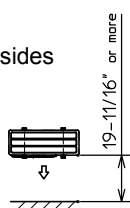
Note : Leave front and both sides free of obstruction.



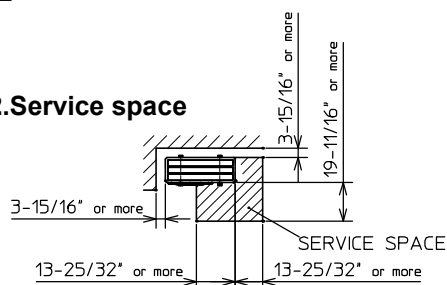
Note : Leave front and overhead free of obstruction.



Note : Leave rear, overhead and both sides free of obstruction.

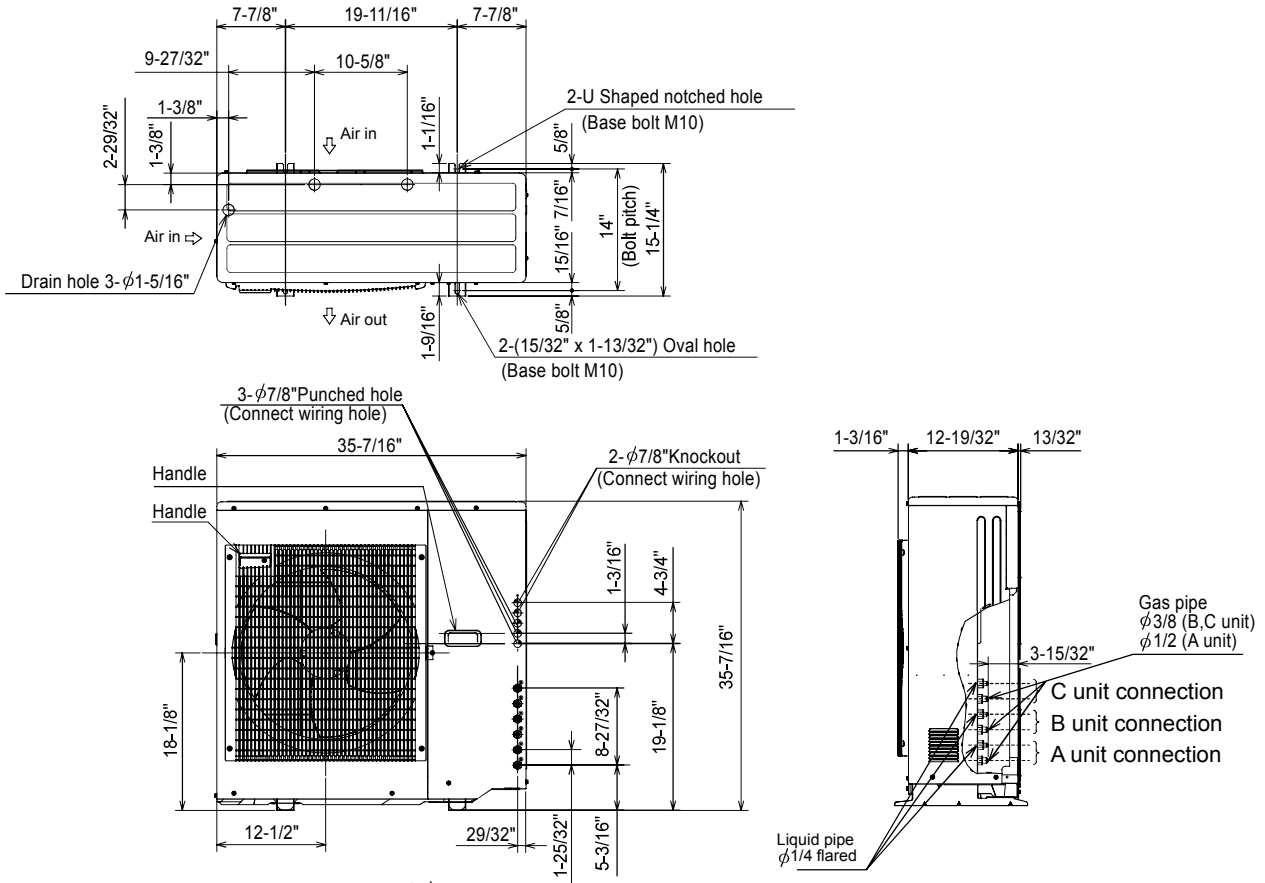


2. Service space



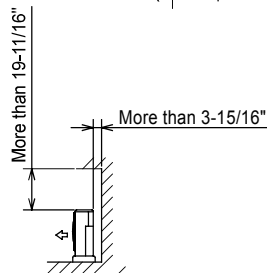
MXZ-3B24NA **MXZ-3B30NA**

Unit: inch

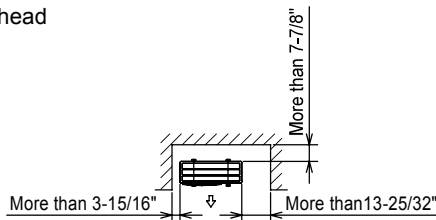


1.Installation space

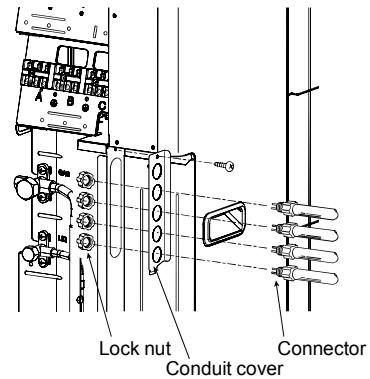
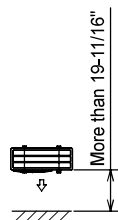
Note : Leave front and both sides free of obstruction.



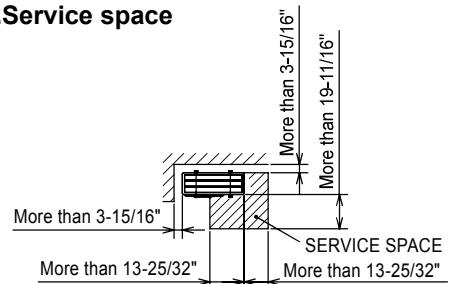
Note : Leave front and overhead free of obstruction.



Note : Leave rear, overhead and both sides free of obstruction.

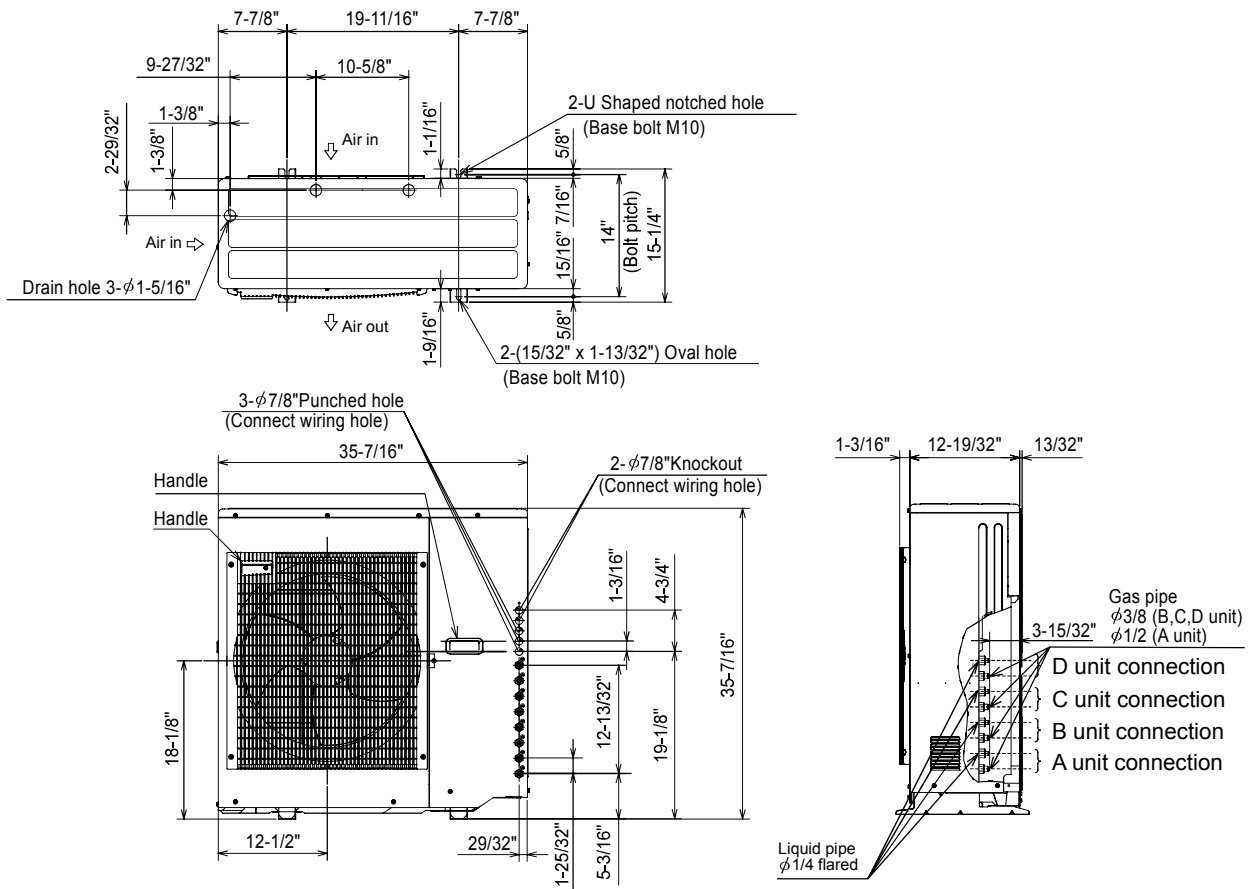


2.Service space



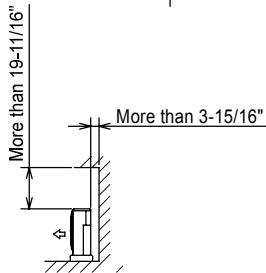
MXZ-4B36NA

Unit: inch

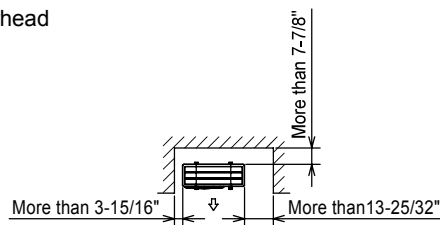


1. Installation space

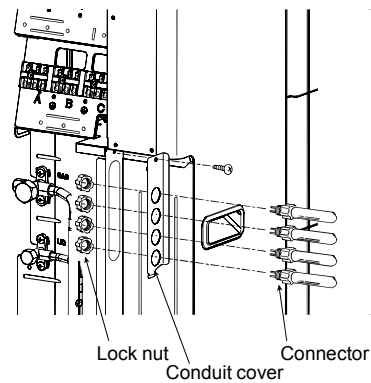
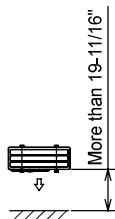
Note : Leave front and both sides free of obstruction.



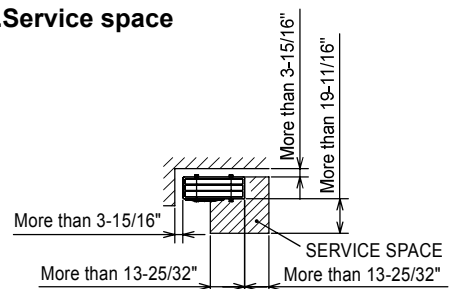
Note : Leave front and overhead free of obstruction.



Note : Leave rear, overhead and both sides free of obstruction.



2. Service space



Model				MXZ-2B20NA			
Indoor type				Non-Duct (09+09)		Duct (09+12)	
Item			Unit	Cooling	Heating	Cooling	Heating
Total	Capacity		Btu/h	18,000	22,000	20,000	22,000
	SHF		—	—	—	—	—
	Input		kW	1.44	1.65	2.19	1.78
Electrical circuit	Power supply (V,phase,Hz)			208/230, 1, 60			
	Input		kW	1.396	1.604	2.06	1.69
	Comp. current (208/230V)		A	6.08/5.87	7.25/6.80	9.81/8.87	7.98/7.22
	Fan motor current		A	0.43/0.39	0.43/0.39	0.43/0.39	0.43/0.39
Refrigerant circuit	Condensing pressure		PSIG	411	319	417	350
	Suction pressure		PSIG	141	102	130	101
	Discharge temperature		°F	169	154	174	172
	Condensing temperature		°F	114	100	120	104
	Suction temperature		°F	71	46	65	46
	Comp. shell bottom temp.		°F	163	149	185	167
	Ref. pipe length [Total pipe length for multi-system]		ft	25 [50]			
	Refrigerant charge (R410A)		—	5 lb. 15 oz.			
Outdoor unit	Intake air temperature	DB	°F	95	47	95	47
		WB	°F	—	43	—	43
	Fan speed		rpm	650	700	650	700
	Air flow		CFM	1485	1640	1485	1640

Model				MXZ-3B24NA			
Indoor type				Non-Duct (06+06+09)		Duct (09+09+09)	
Item			Unit	Cooling	Heating	Cooling	Heating
Total	Capacity		Btu/h	22,000	25,000	23,600	24,600
	SHF		—	—	—	—	—
	Input		kW	1.76	1.75	2.46	1.9
Electrical circuit	Outdoor unit			MXZ-3B24NA			
	Power supply (V,phase,Hz)			208/230, 1, 60			
	Input		kW	1.694	1.681	2.28	1.78
	Comp. current (208/230V)		A	8.00/7.23	7.94/7.18	10.90/9.86	8.43/7.62
	Fan motor current		A	0.43/0.39	0.43/0.39	0.43/0.39	0.43/0.39
Refrigerant circuit	Condensing pressure		PSIG	394	296	408	324
	Suction pressure		PSIG	158	98	139	100
	Discharge temperature		°F	173	153	167	164
	Condensing temperature		°F	115	93	117	99
	Suction temperature		°F	79	47	58	49
	Comp. shell bottom temp.		°F	159	134	153	144
	Ref. pipe length [Total pipe length for multi-system]		ft	25[75]			
	Refrigerant charge (R410A)		—	7 lb. 11 oz.			
Outdoor unit	Intake air temperature	DB	°F	95	47	95	47
		WB	°F	—	43	—	43
	Fan speed		rpm	750	600	750	600
	Air flow		CFM	2,068	1,605	2,068	1,605



Model				MXZ-3B30NA			
Indoor type				Non-Duct (09+09+12)		Duct (09+09+12)	
Item			Unit	Cooling	Heating	Cooling	Heating
Total	Capacity		Btu/h	28,400	28,600	27,400	27,600
	SHF		—	—	—	—	—
	Input		kW	3.12	2.15	3.33	2.22
Electrical circuit	Outdoor unit			MXZ-3B30NA			
	Power supply (V,phase,Hz)			208/230,1,60			
	Input		kW	3.047	2.081	3.14	2.09
	Comp. current (208/230V)		A	14.71/13.30	9.92/8.97	15.17/13.72	10.36/9.37
	Fan motor current		A	0.43/0.39	0.43/0.39	0.43/0.39	0.43/0.39
Refrigerant circuit	Condensing pressure		PSIG	489	313	496	325
	Suction pressure		PSIG	145	94	137	100
	Discharge temperature		°F	208	155	203	168
	Condensing temperature		°F	130	97	133	99
	Suction temperature		°F	77	40	63	50
	Comp. shell bottom temp.		°F	186	136	188	152
	Ref. pipe length [Total pipe length for multi-system]		ft	25[75]			
	Refrigerant charge (R410A)		—	7 lb.11 oz.			
Outdoor unit	Intake air temperature	DB	°F	95	47	95	47
		WB	°F	—	43	—	43
	Fan speed		rpm	520	600	520	600
	Air flow		CFM	1,365	1,605	1,365	1,605

Model				MXZ-4B36NA			
Indoor type				Non-Duct (09+09+09+09)		Duct (09+09+09+09)	
Item			Unit	Cooling	Heating	Cooling	Heating
Total	Capacity		Btu/h	35,400	36,000	34,400	34,400
	SHF		—	—	—	—	—
	Input		kW	3.76	3.02	3.94	3.1
Electrical circuit	Outdoor unit			MXZ-4B36NA			
	Power supply (V,phase,Hz)			208/230,1,60			
	Input		kW	3.672	2.928	3.62	2.86
	Comp. current (208/230V)		A	17.44/15.78	13.83/12.51	17.58/15.90	13.39/12.56
	Fan motor current		A	0.43/0.39	0.43/0.39	0.43/0.39	0.43/0.39
Refrigerant circuit	Condensing pressure		PSIG	485	309	455	347
	Suction pressure		PSIG	142	91	130	95
	Discharge temperature		°F	198	139	202	163
	Condensing temperature		°F	129	95	126	102
	Suction temperature		°F	66	28	65	32
	Comp. shell bottom temp.		°F	184	127	186	148
	Ref. pipe length [Total pipe length for multi-system]		ft	25[100]			
	Refrigerant charge (R410A)		—	8 lb.13 oz.			
Outdoor unit	Intake air temperature	DB	°F	95	47	95	47
		WB	°F	—	43	—	43
	Fan speed		rpm	750	750	750	750
	Air flow		CFM	2,068	2,068	2,068	2,068

8-1. OPERATING RANGE

(1) POWER SUPPLY

	Model	Rating	Guaranteed Voltage
Outdoor unit	MXZ-2B20NA MXZ-3B24NA MXZ-3B30NA MXZ-4B36NA	208/230 V 60 Hz 1 ϕ	Min. 198 V 208 V 230 V Max. 253 V ----- ----- ----- ----- -----

(2) OPERATION

Function	Condition	Intake air temperature		Indoor		Outdoor	
				DB (°F)	WB (°F)	DB (°F)	WB (°F)
Cooling	"A" Cooling steady state at rated compressor speed			80	67	95	(75)
	"B-2" Cooling steady state at rated compressor speed			80	67	82	(65)
	"B-1" Cooling steady state at minimum compressor speed			80	67	82	(65)
	Low ambient cooling steady state at minimum compressor speed			80	67	67	(53.5)
	Intermediate cooling steady state at intermediate compressor speed			80	67	87	(69)
Heating	Standard rating-heating at rated compressor speed			70	60	47	43
	Low temperature heating at rated compressor speed			70	60	17	15
	Max. temperature heating at minimum compressor speed			70	60	62	56.5
	High temperature heating at minimum compressor speed			70	60	47	43
	Frost accumulation at rated compressor speed			70	60	35	33
	Frost accumulation at intermediate compressor speed			70	60	35	33

MXZ-2B20NA MXZ-3B24NA MXZ-3B30NA MXZ-4B36NA

The standard specifications apply only to the operation of the air conditioner under normal conditions.

Since operating conditions vary according to the areas where these units are installed, the following information has been provided to clarify the operating characteristics of the air conditioner under the conditions indicated by the performance curve.

(1) GUARANTEED VOLTAGE

198 ~ 253 V 60 Hz

(2) AIR FLOW

Air flow should be set at MAX.

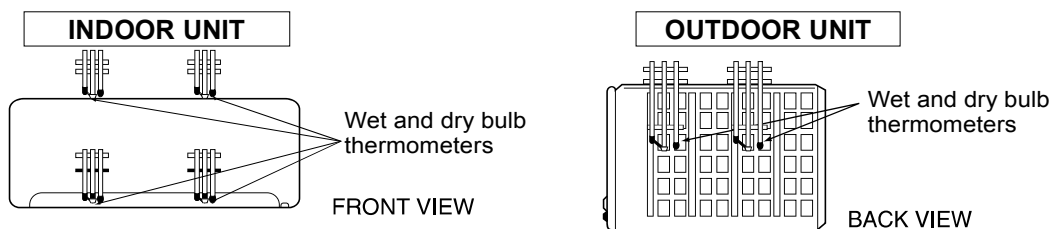
(3) MAIN READINGS

(1) Indoor intake air wet-bulb temperature :	°FWB	} Cooling
(2) Indoor outlet air wet-bulb temperature :	°FWB	
(3) Outdoor intake air dry-bulb temperature :	°FDB	
(4) Total input :	W	
(5) Indoor intake air dry-bulb temperature :	°FDB	} Heating
(6) Outdoor intake air wet-bulb temperature :	°FWB	
(7) Total input :	W	

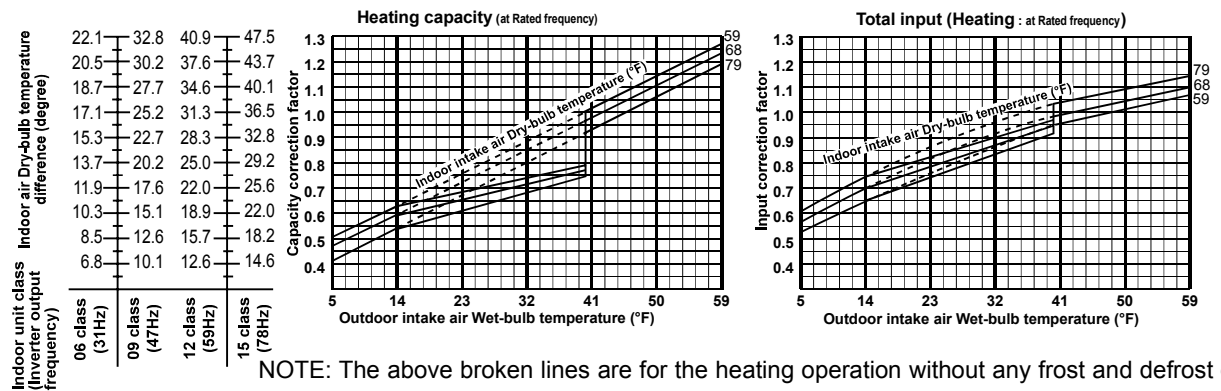
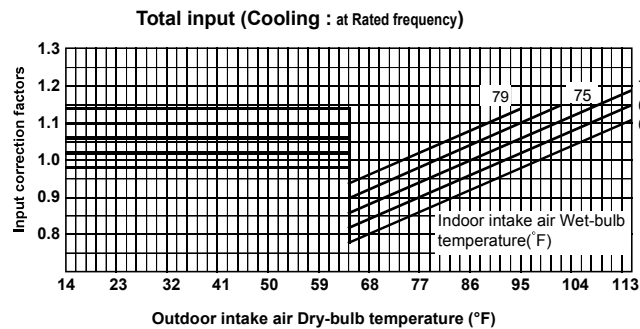
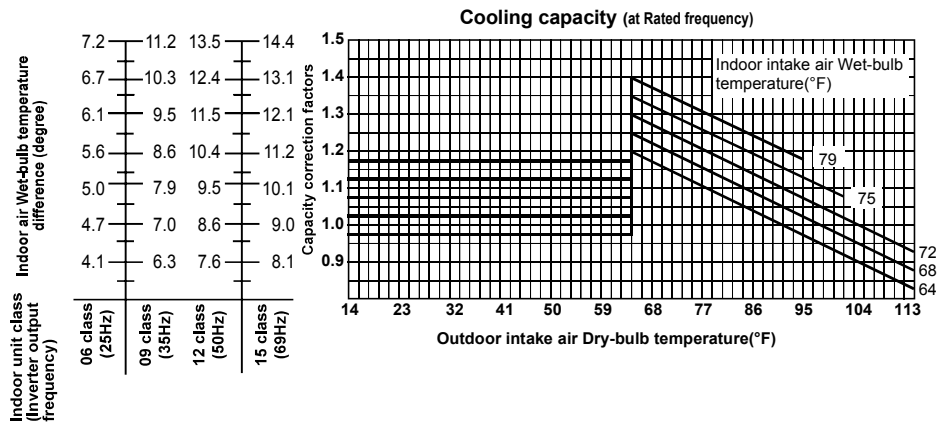
Indoor air wet and dry bulb temperature difference on the left side of the following chart shows the difference between the indoor intake air wet and dry bulb temperature and the indoor outlet air wet and dry bulb temperature for your reference at service.

How to measure the indoor air wet and dry bulb temperature difference

1. Attach at least 2 sets of wet and dry bulb thermometers to the indoor air intake as shown in the figure, and at least 2 sets of wet and dry bulb thermometers to the indoor air outlet. The thermometers must be attached to the position where air speed is high.
2. Attach at least 2 sets of wet and dry bulb thermometers to the outdoor air intake.
Cover the thermometers to prevent direct rays of the sun.
3. Check that the air filter is cleaned.
4. Open windows and doors of room.
5. Press the EMERGENCY OPERATION switch once (twice) to start the EMERGENCY COOL (HEAT) MODE.
6. Compressor starts running at 33 Hz (COOL) or 45 Hz (HEAT). The frequency at each operation mode is fixed.
7. When system stabilizes after more than 15 minutes, measure temperature and take an average temperature.
8. 10 minutes later, measure temperature again and check that the temperature does not change.

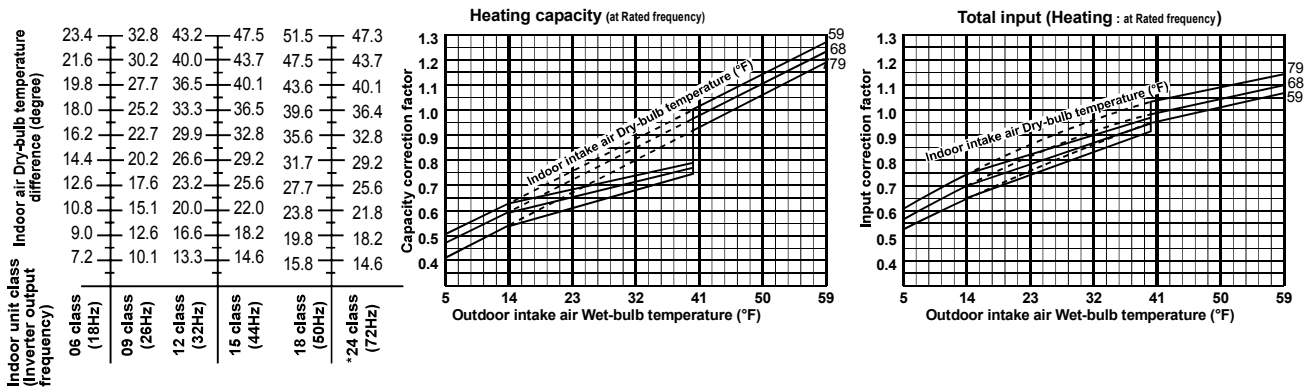
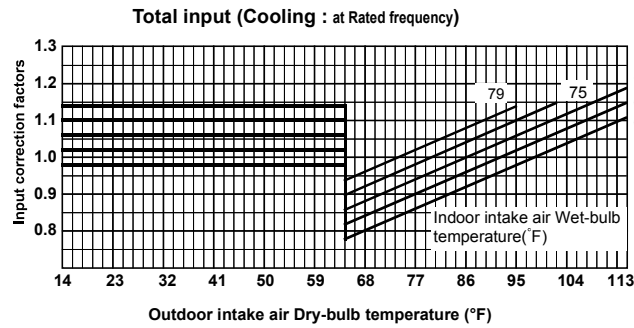
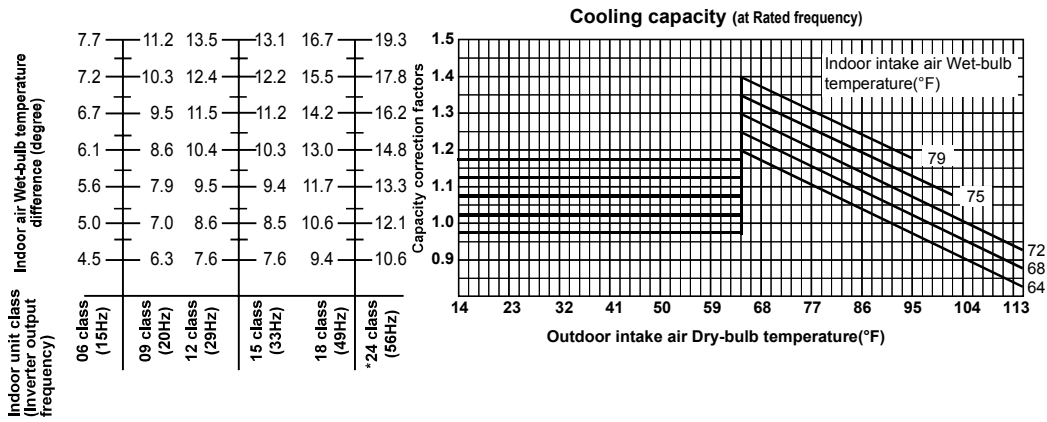


8-2. CAPACITY AND THE INPUT CURVES MXZ-2B20NA



NOTE: The above broken lines are for the heating operation without any frost and defrost operation.

MXZ-3B24NA MXZ-3B30NA MXZ-4B36NA

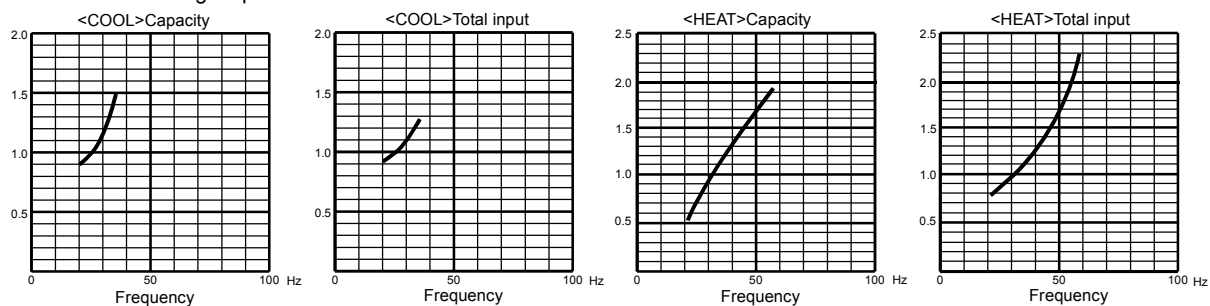


* MXZ-3B30/4B36NA only

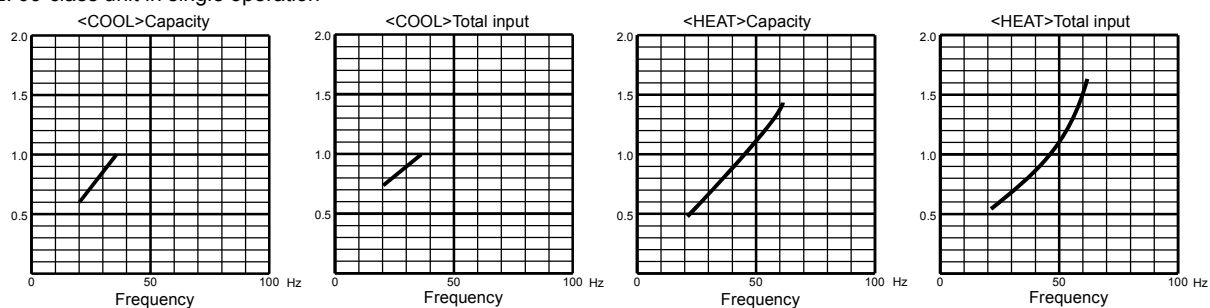
NOTE: The above broken lines are for the heating operation without any frost and defrost operation.

8-3. CAPACITY AND INPUT CORRECTION BY MEANS OF INVERTER OUTPUT FREQUENCY (OUTDOOR UNIT: MXZ-2B20NA)

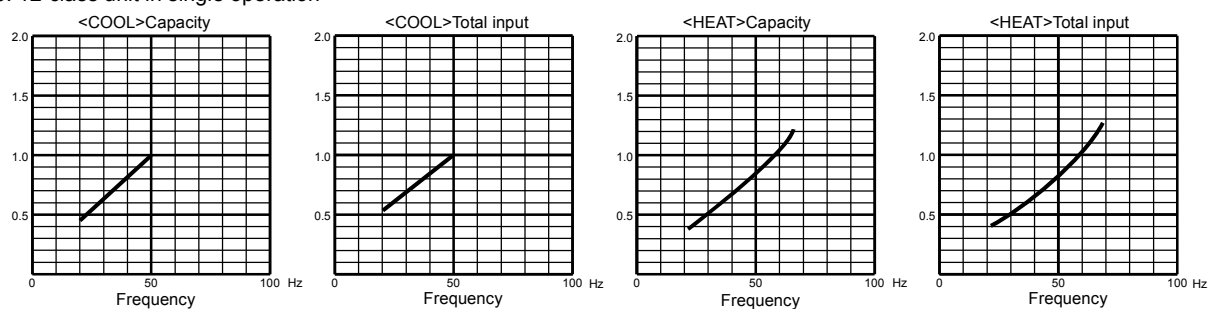
1. 06-class unit in single operation



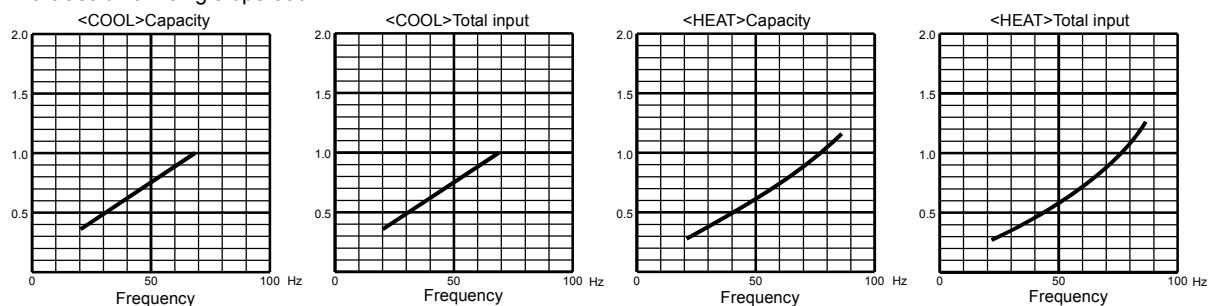
2. 09-class unit in single operation



3. 12-class unit in single operation

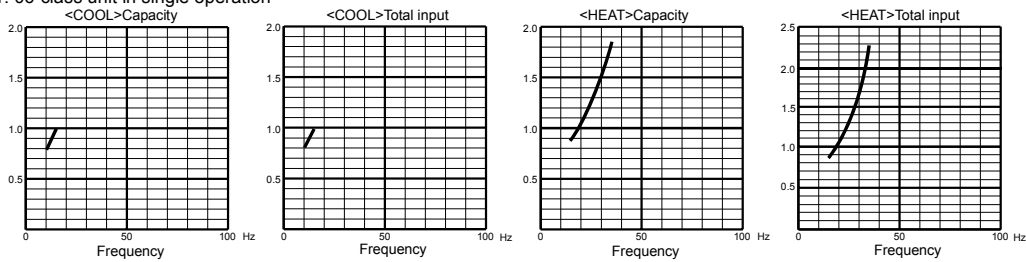


4. 15-class unit in single operation

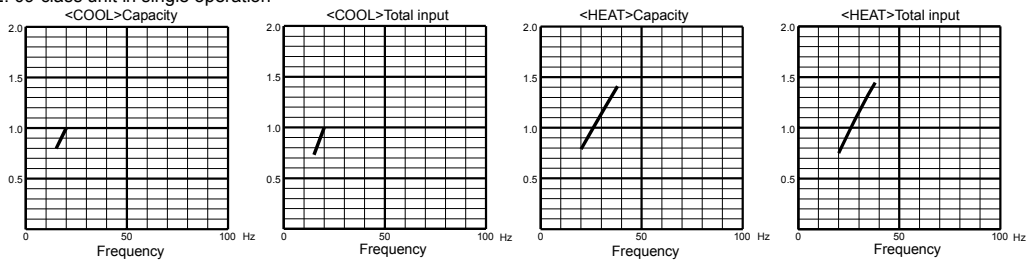


(OUTDOOR UNIT: MXZ-3B24NA MXZ-3B30NA MXZ-4B36NA)

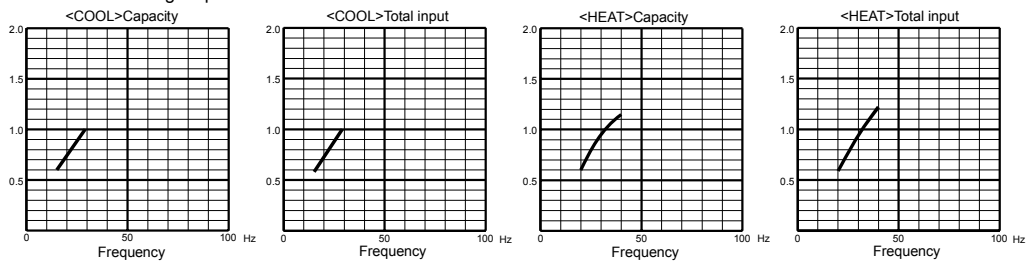
1. 06-class unit in single operation



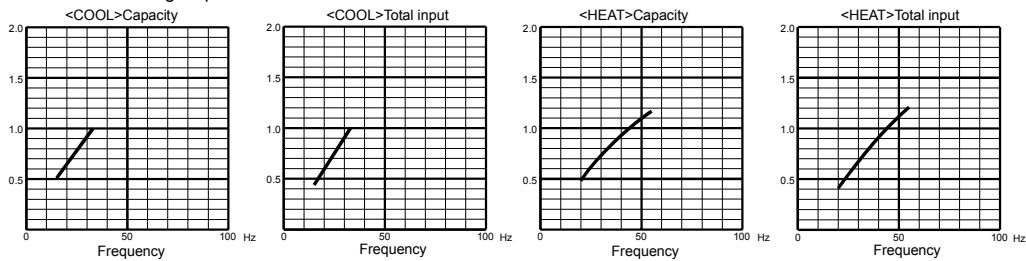
2. 09-class unit in single operation



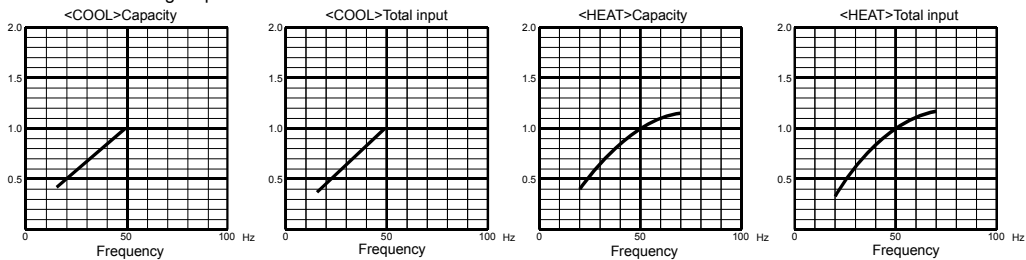
3. 12-class unit in single operation



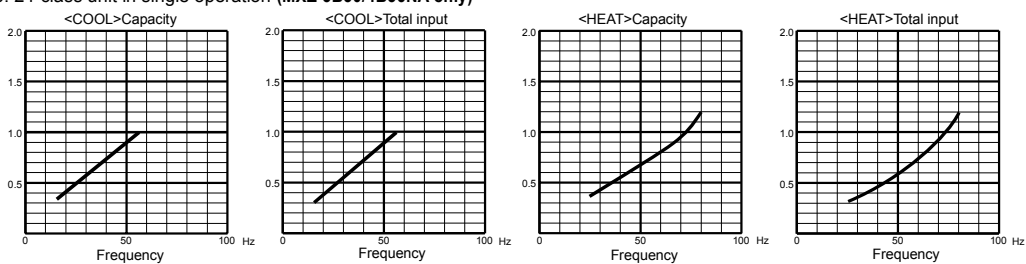
4. 15-class unit in single operation



5. 18-class unit in single operation



6. 24-class unit in single operation (MXZ-3B30/4B36NA only)



8-4. OUTDOOR LOW PRESSURE AND OUTDOOR UNIT CURRENT

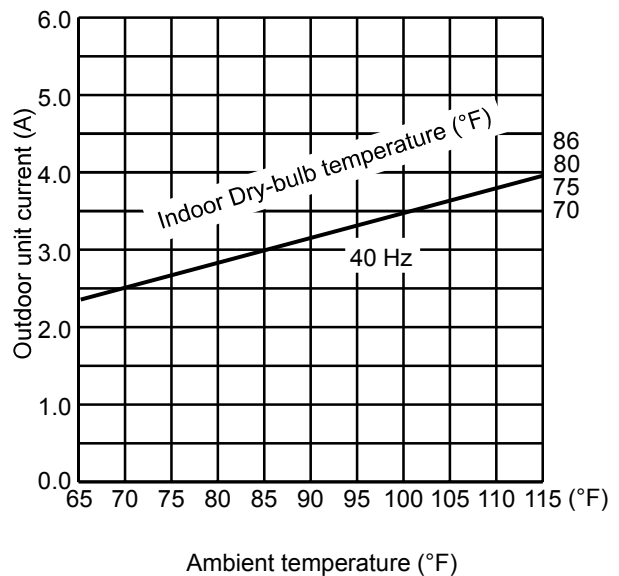
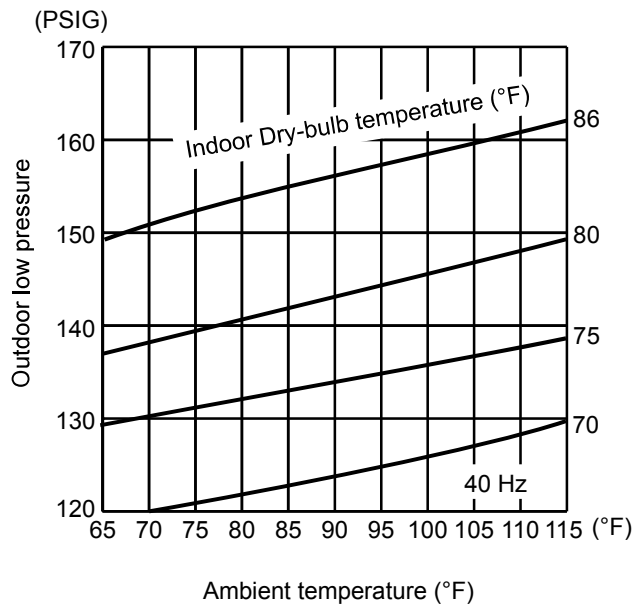
1. 06-class unit in single operation (OUTDOOR UNIT: MXZ-2B20NA)

(1) COOL operation

- ① Data is based on the condition of indoor humidity 50%
- ② Air flow speed: High
- ③ Inverter output frequency: 40 Hz

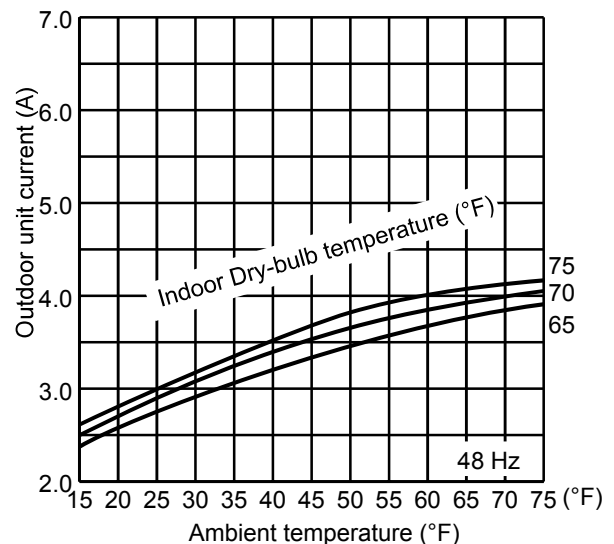
<How to work fixed-frequency operation>

1. Set emergency switch to COOL or HEAT. The switch is located on indoor unit.
2. Press emergency run ON/OFF button.
3. Compressor starts running at 40 Hz (COOL) or 48 Hz (HEAT).
4. Indoor fan runs at High speed and continues for 30 minutes.
5. To cancel this operation, press emergency run ON/OFF button or any button on remote controller.



(2) HEAT operation

- ① Data is based on the condition of indoor humidity 75%
- ② Set air flow to High speed.
- ③ Inverter output frequency is 48 Hz.



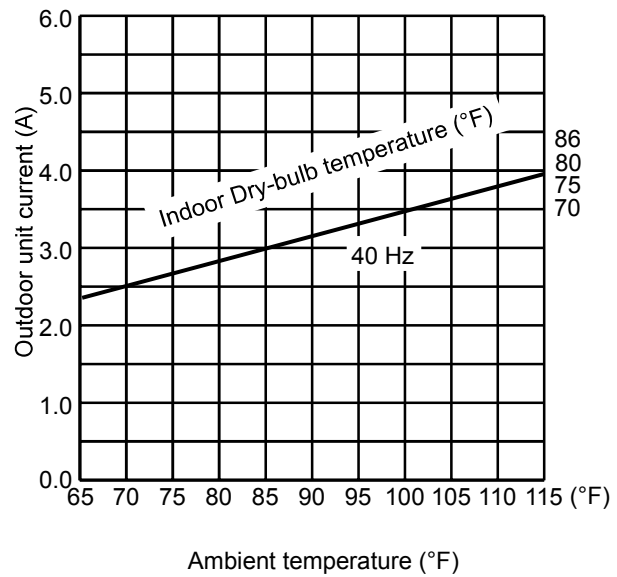
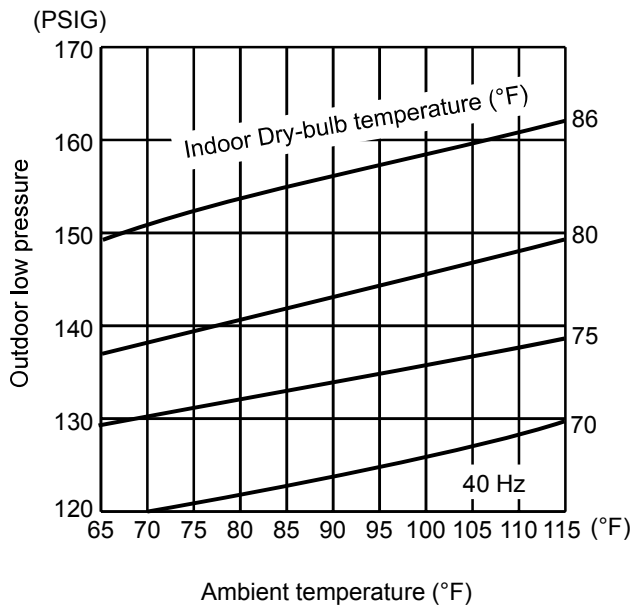
2. 09-class unit in single operation (OUTDOOR UNIT: MXZ-2B20NA)

(1) COOL operation

- ① Data is based on the condition of indoor humidity 50%
- ② Air flow speed: High
- ③ Inverter output frequency: 40 Hz

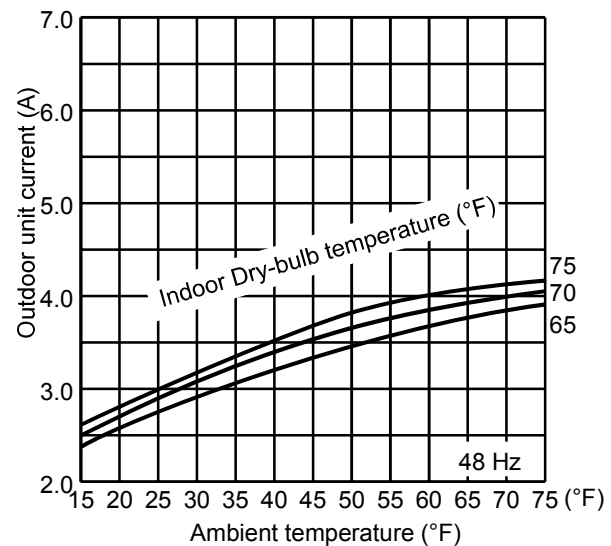
<How to work fixed-frequency operation>

1. Set emergency switch to COOL or HEAT. The switch is located on indoor unit.
2. Press emergency run ON/OFF button.
3. Compressor starts running at 40 Hz (COOL) or 48 Hz (HEAT).
4. Indoor fan runs at High speed and continues for 30 minutes.
5. To cancel this operation, press emergency run ON/OFF button or any button on remote controller.



(2) HEAT operation

- ① Data is based on the condition of indoor humidity 75%
- ② Set air flow to High speed.
- ③ Inverter output frequency is 48 Hz.



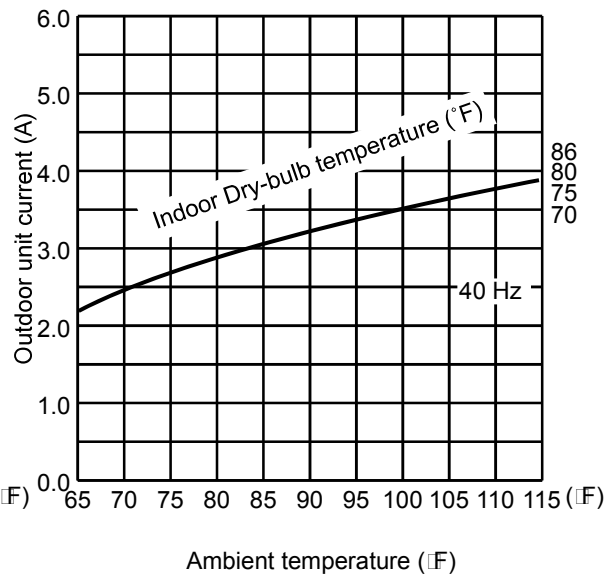
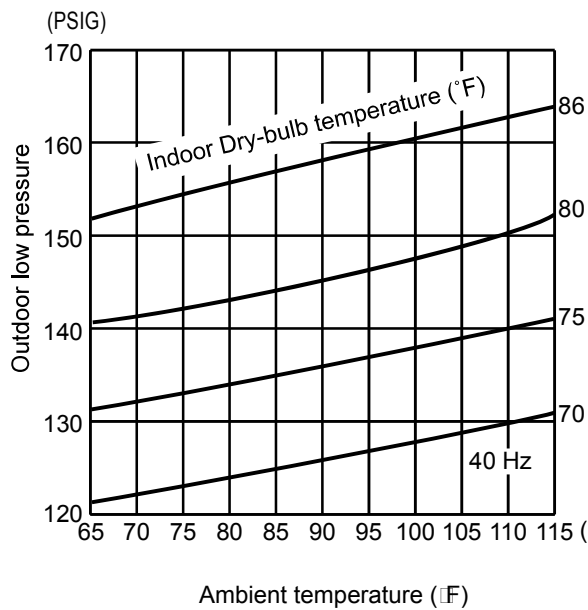
3. 12-class unit in single operation (OUTDOOR UNIT: MXZ-2B20NA)

(1) COOL operation

- ① Data is based on the condition of indoor humidity 50%
- ② Air flow speed: High
- ③ Inverter output frequency: 40 Hz

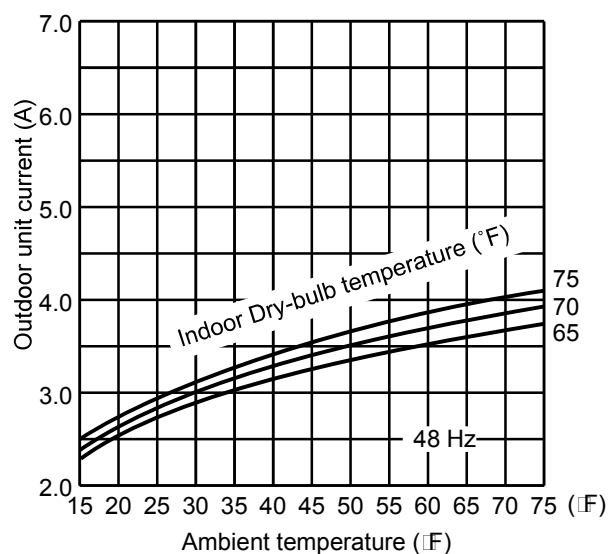
<How to work fixed-frequency operation>

1. Set emergency switch to COOL or HEAT. The switch is located on indoor unit.
2. Press emergency run ON/OFF button.
3. Compressor starts running at 40 Hz (COOL) or 48 Hz (HEAT).
4. Indoor fan runs at High speed and continues for 30 minutes.
5. To cancel this operation, press emergency run ON/OFF button or any button on remote controller.



(2) HEAT operation

- ① Data is based on the condition of indoor humidity 75%
- ② Set air flow to High speed.
- ③ Inverter output frequency is 48 Hz.



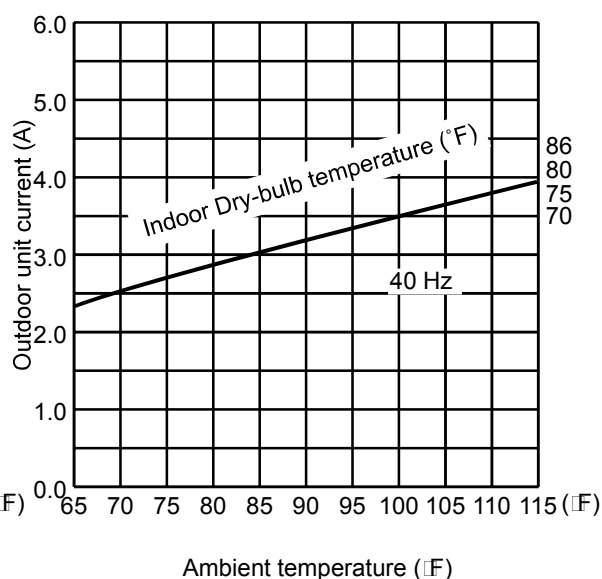
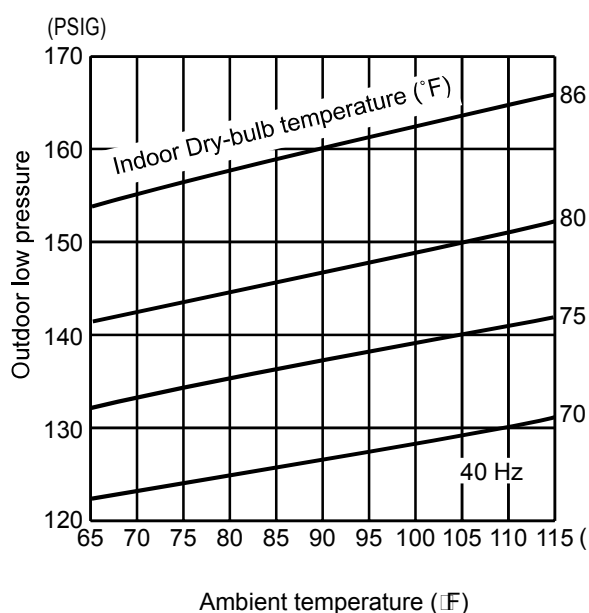
4. 15-class unit in single operation (OUTDOOR UNIT: MXZ-2B20NA)

(1) COOL operation

- ① Data is based on the condition of indoor humidity 50%
- ② Air flow speed: High
- ③ Inverter output frequency: 40 Hz

<How to work fixed-frequency operation>

1. Set emergency switch to COOL or HEAT. The switch is located on indoor unit.
2. Press emergency run ON/OFF button.
3. Compressor starts running at 40 Hz (COOL) or 48 Hz (HEAT).
4. Indoor fan runs at High speed and continues for 30 minutes.
5. To cancel this operation, press emergency run ON/OFF button or any button on remote controller.



(2) HEAT operation

- ① Data is based on the condition of indoor humidity 75%
- ② Set air flow to High speed.
- ③ Inverter output frequency is 48 Hz.

