

OUTDOOR UNIT

Revision R:

• INDOOR / OUTDOOR UNIT COMPATIBILITY TABLE, 4. SPECIFICATION and 9. DATA have been modified.

OBH702 REVISED EDITION-H is void.

SERVICE MANUAL



**No. OBH702
REVISED EDITION-R**

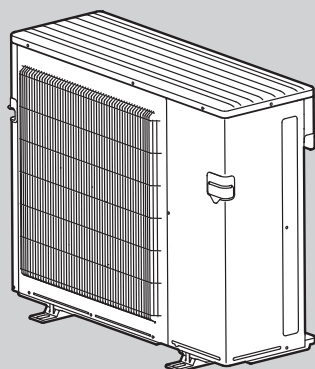
Models

MXZ-2C20NA2 - ☐ U1, ☐ U4
 MXZ-2C20NA3 - ☐ U1
 MXZ-2C20NA4 - ☐ U1
 MXZ-3C24NA
 MXZ-3C24NA2 - ☐ U1
 MXZ-3C24NA3 - ☐ U1
 MXZ-3C24NA4 - ☐ U1
 MXZ-3C30NA
 MXZ-3C30NA2 - ☐ U1
 MXZ-3C30NA3 - ☐ U1
 MXZ-3C30NA4 - ☐ U1
 MXZ-4C36NA
 MXZ-4C36NA2 - ☐ U1
 MXZ-4C36NA3 - ☐ U1
 MXZ-4C36NA4 - ☐ U1
 MXZ-5C42NA
 MXZ-5C42NA2 - ☐ U1
 MXZ-5C42NA3 - ☐ U1
 MXZ-5C42NA4 - ☐ U1

MXZ-2C20NAHZ
 MXZ-2C20NAHZ2 - ☐ U1
 MXZ-2C20NAHZ3 - ☐ U1
 MXZ-2C20NAHZ4 - ☐ U1
 MXZ-3C24NAHZ
 MXZ-3C24NAHZ2 - ☐ U1
 MXZ-3C24NAHZ3 - ☐ U1
 MXZ-3C24NAHZ4 - ☐ U1
 MXZ-3C30NAHZ
 MXZ-3C30NAHZ2 - ☐ U1
 MXZ-3C30NAHZ3 - ☐ U1
 MXZ-3C30NAHZ4 - ☐ U1

Indoor unit service manual

MSZ-FE·NA Series (OBH542)
 MSZ-FH·NA Series (OBH683)
 MSZ-GE·NA Series (OBH548)
 MSZ-GL·NA Series (OBH732)
 MSZ-EF·NA Series (OBH736)
 MSZ-FS·NA Series (OBH872)
 MFZ-KA·NA Series (OBH568)
 MFZ-KJ·NA Series (OBH752)
 SLZ-KA·NA Series (OCH487)
 SLZ-KF·NA.TH Series (OCH669)
 PLA-A·BA Series (OCH420)
 PLA-A·EA Series (OCH640)
 SEZ-KD·NA Series
 PEAD-A·AA Series
 PCA-A·KA Series (OCH455)
 MVZ-A·AA Series
 SVZ-KP·NA Series (MD-1404-K019)



MXZ-3C24NA	MXZ-3C30NA	MXZ-4C36NA
MXZ-3C24NA2	MXZ-3C30NA2	MXZ-4C36NA2
MXZ-3C24NA3	MXZ-3C30NA3	MXZ-4C36NA3
MXZ-3C24NA4	MXZ-3C30NA4	MXZ-4C36NA4

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PARTS CATALOG (OBB702)

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.

<Preparation before the repair service>

- Prepare the proper tools.
- Prepare the proper protectors.
- Provide adequate ventilation.
- After stopping the operation of the air conditioner, turn off the power-supply breaker and pull the power plug.
- Discharge the capacitor before the work involving the electric parts.

<Precautions during the repair service>

- Do not perform the work involving the electric parts with wet hands.
- Do not pour water into the electric parts.
- Do not touch the refrigerant.
- Do not touch the hot or cold areas in the refrigeration cycle.
- When the repair or the inspection of the circuit needs to be done without turning off the power, exercise great caution not to touch the live parts.

WARNING

- When the refrigeration circuit has a leak, do not execute pump down with the compressor.
- When pumping down the refrigerant, stop the compressor before disconnecting the refrigerant pipes.
The compressor may burst if air etc. get into it.
- When opening or closing the valve below freezing temperatures, refrigerant may spurt out from the gap between the valve stem and the valve body, resulting in injuries.

Revision A:

- MXZ-3C24NA, MXZ-3C30NA and MXZ-4C36NA have been added.

Revision B:

- MXZ-3C24/3C30/4C36/5C42NA2 and MXZ-2C20/3C24/3C30NAHZ2 - [U1] have been added.

Revision C:

- 4. SPECIFICATION has been changed.
- Some descriptions have been modified.

Revision D:

- Connectable indoor unit lineups have been modified.
- WIRING DIAGRAM (7.) and TEST POINT DIAGRAM AND VOLTAGE (12-7.) have been changed.

Revision E:

- Capacity and input curve have been corrected.

Revision F:

- MXZ-2C20NA2 - [U1] has been added.

Revision G:

- 5. NOISE CRITERIA CURVES has been changed.

Revision H:

- MSZ-FS·NA series have been added to INDOOR / OUTDOOR UNIT COMPATIBILITY TABLE.
- 2. SAFETY PRECAUTION has been added.
- 9-2. CAPACITY AND THE INPUT CURVES has been modified.
- 12. TROUBLESHOOTING has been modified.

Revision J:

- MXZ-2C20NA2 - [U4] has been added.

Revision K:

- MXZ-2C20/3C24/3C30/4C36/5C42NA3 - [U1] and MXZ-2C20/3C24/3C30NAHZ3 - [U1] have been added.

Revision L:

- Models of refrigeration oil for MXZ-3C24/3C30/4C36/5C42NA3 - [U1] and MXZ-2C20/3C24/3C30NAHZ3 - [U1] at 4. SPECIFICATION have been added.

Revision M:

- MXZ-2C20/3C24/3C30/4C36/5C42NA4 - [U1] and MXZ-2C20/3C24/3C30NAHZ4 - [U1] have been added.

Revision N:

- 4. SPECIFICATION and 8. REFRIGERANT SYSTEM DIAGRAM have been corrected.
Specifications of MXZ-2C20NA4/MXZ-3C24NA4/MXZ-3C30NA4 - [U1] have been corrected.
Refrigerant system diagrams of MXZ-3C24/3C30/4C36NA and MXZ-3C24/3C30/4C36NA2/NA3 - [U1] have been corrected.

Revision P:

- 1. TECHNICAL CHANGES has been corrected.
Descriptions of technical changes for MXZ-2C20/3C24/3C30/4C36/5C42NA4 - [U1] and MXZ-2C20/3C24/3C30NAHZ4 - [U1] have been corrected.
- 4. SPECIFICATION has been corrected.
“Min. circuit ampacity” of MXZ-4C36NA and MXZ-4C36NA2/NA3/NA4-U1 have been corrected.
- 9. DATA has been corrected.
“Ref. pipe length” have been corrected.
“Fan speed” and “Airflow” of MXZ-3C30NAHZ and MXZ-3C30NAHZ2/NAHZ3/NAHZ4 - [U1] have been corrected.

Revision Q:

- INDOOR / OUTDOOR UNIT COMPATIBILITY TABLE and 4. SPECIFICATION have been modified.

Revision R:

- INDOOR / OUTDOOR UNITCOMPATIBILITY TABLE, 4. SPECIFICATION and 9. DATA have been modified.

INDOOR / OUTDOOR UNIT COMPATIBILITY TABLE

<MXZ-2C20NA2-U1/U4>

Connectable indoor unit lineups (Heat pump inverter type)									
Model type	Model name	Capacity class [kBTU/h]							
		06	09	12	15	18	24	30	36
Wall mounted	MSZ-FE**NA		●	●					
	MSZ-FH**NA	●	●	●	●				
	MSZ-FH**NA2								
	MSZ-FS**NA	●	●	●	●				
	MSZ-GE**NA	●	●	●	●				
	MSZ-GL**NA-U1	●	●	●	●				
Floor standing	MSZ-EF**NA-U1		●	●	●				
	MFZ-KA**NA		●	●					
4-way cassette	MFZ-KJ**NA-U1		●	●	●				
	SLZ-KA**NA.TH		●	●					
	SLZ-KF**NA.TH		●	●					
	PLA-A**BA6								
Ceiling concealed	PLA-A**EA7								
	SEZ-KD**NA4.TH		●	●	●				
Ceiling suspended	PEAD-A**AA8		●	●					
	PCA-A**KA6.TH								
Multi-position	MVZ-A**AA4			●					
	SVZ-KP**NA			●					

<MXZ-2C20NA3-U1, MXZ-2C20NA4-U1>

Connectable indoor unit lineups (Heat pump inverter type)									
Model type	Model name	Capacity class [kBTU/h]							
		06	09	12	15	18	24	30	36
Wall mounted	MSZ-FE**NA		●	●					
	MSZ-FH**NA	●	●	●	●				
	MSZ-FH**NA2								
	MSZ-FS**NA	●	●	●	●				
	MSZ-GE**NA	●	●	●	●				
	MSZ-GL**NA-U1	●	●	●	●				
Floor standing	MSZ-GS**NA-U1	●	●	●	●				
	MSZ-EF**NA-U1		●	●	●				
4-way cassette	MFZ-KA**NA		●	●					
	MFZ-KJ**NA-U1		●	●	●				
1-way cassette	SLZ-KA**NA.TH		●	●					
	SLZ-KF**NA.TH		●	●					
	PLA-A**BA6								
	PLA-A**EA7								
Ceiling concealed	MLZ-KP**NA-U1		●	●					
	MLZ-KP**NA2-U1		●	●					
Ceiling suspended	MLZ-KY**NA-U1	●							
	SEZ-KD**NA4.TH		●	●	●				
Multi-position	PEAD-A**AA8		●	●					
	PCA-A**KA7.TH								
Multi-position	MVZ-A**AA4			●					
	SVZ-KP**NA			●					

<MXZ-2C20NAHZ>

Connectable indoor unit lineups (Heat pump inverter type)									
Model type	Model name	Capacity class [kBTU/h]							
		06	09	12	15	18	24	30	36
Wall mounted	MSZ-FE**NA		●	●					
	MSZ-FH**NA		●	●	●				
	MSZ-FH**NA2								
	MSZ-FS**NA								
	MSZ-GE**NA	●	●	●	●				
	MSZ-GL**NA-U1	●	●	●	●				
Floor standing	MSZ-EF**NA-U1		●	●	●				
	MFZ-KA**NA		●	●					
4-way cassette	MFZ-KJ**NA-U1		●	●					
	SLZ-KA**NA.TH		●	●					
	SLZ-KF**NA.TH		●	●					
	PLA-A**BA6								
Ceiling concealed	PLA-A**EA7								
	SEZ-KD**NA4.TH		●	●	●				
Ceiling suspended	PEAD-A**AA8		●	●					
	PCA-A**KA6.TH								
Multi-position	MVZ-A**AA4			●					
	SVZ-KP**NA			●					

<MXZ-2C20NAHZ2-U1>

Connectable indoor unit lineups (Heat pump inverter type)									
Model type	Model name	Capacity class [kBTU/h]							
		06	09	12	15	18	24	30	36
Wall mounted	MSZ-FE**NA		●	●					
	MSZ-FH**NA	●	●	●	●				
	MSZ-FH**NA2								
	MSZ-FS**NA	●	●	●	●				
	MSZ-GE**NA	●	●	●	●				
	MSZ-GL**NA-U1	●	●	●	●				
Floor standing	MSZ-EF**NA-U1		●	●	●				
	MFZ-KA**NA		●	●					
4-way cassette	MFZ-KJ**NA-U1		●	●	●				
	SLZ-KA**NA.TH		●	●					
	SLZ-KF**NA.TH		●	●					
	PLA-A**BA6								
Ceiling concealed	PLA-A**EA7								
	SEZ-KD**NA4.TH		●	●	●				
Ceiling suspended	PEAD-A**AA8		●	●					
	PCA-A**KA6.TH								
Multi-position	MVZ-A**AA4			●					
	SVZ-KP**NA			●					

<MXZ-2C20NAHZ3-U1, MXZ-2C20NAHZ4-U1>

Connectable indoor unit lineups (Heat pump inverter type)									
Model type	Model name	Capacity class [kBTU/h]							
		06	09	12	15	18	24	30	36
Wall mounted	MSZ-FE**NA		●	●					
	MSZ-FH**NA	●	●	●	●				
	MSZ-FH**NA2								
	MSZ-FS**NA	●	●	●	●				
	MSZ-GE**NA	●	●	●	●				
	MSZ-GL**NA-U1	●	●	●	●				
Floor standing	MSZ-GS**NA-U1	●	●	●	●				
	MSZ-EF**NA-U1		●	●	●				
4-way cassette	MFZ-KA**NA		●	●					
	MFZ-KJ**NA-U1		●	●	●				
1-way cassette	SLZ-KA**NA.TH		●	●					
	SLZ-KF**NA.TH		●	●					
	PLA-A**BA6								
	PLA-A**EA7								
Ceiling concealed	MLZ-KP**NA-U1		●	●					
	MLZ-KP**NA2-U1		●	●					
Ceiling suspended	MLZ-KY**NA-U1	●							
	SEZ-KD**NA4.TH		●	●	●				
Multi-position	PEAD-A**AA8		●	●					
	PCA-A**KA7.TH								
Multi-position	MVZ-A**AA4			●					
	SVZ-KP**NA			●					

<MXZ-3C24NA>

Connectable indoor unit lineups (Heat pump inverter type)									
Model type	Model name	Capacity class [kBTU/h]							
		06	09	12	15	18	24	30	36
Wall mounted	MSZ-FE**NA		●	●					
	MSZ-FH**NA		●	●	●	●			
	MSZ-FH**NA2								
	MSZ-FS**NA								
	MSZ-GE**NA	●	●	●	●	●			
	MSZ-GL**NA-U1	●	●	●	●	●			
Floor standing	MSZ-EF**NA-U1		●	●	●	●			
	MFZ-KA**NA		●	●					
4-way cassette	MFZ-KJ**NA-U1		●	●	●				
	SLZ-KA**NA.TH		●	●	●				
	SLZ-KF**NA.TH		●	●	●				
	PLA-A**BA6						●		
Ceiling concealed	PLA-A**EA7						●		
	SEZ-KD**NA4.TH		●	●	●	●			
Ceiling suspended	PEAD-A**AA8		●	●	●				
	PCA-A**KA6.TH								
Multi-position	MVZ-A**AA4			●		●			
	SVZ-KP**NA			●		●			

<MXZ-3C24NA2-U1>

Connectable indoor unit lineups (Heat pump inverter type)									
Model type	Model name	Capacity class [kBTU/h]							
		06	09	12	15	18	24	30	36
Wall mounted	MSZ-FE**NA		●	●					
	MSZ-FH**NA	●	●	●	●	●			
	MSZ-FH**NA2								
	MSZ-FS**NA	●	●	●	●	●			
	MSZ-GE**NA	●	●	●	●	●			
	MSZ-GL**NA-U1	●	●	●	●	●			
Floor standing	MFZ-KA**NA		●	●		●			
	MFZ-KJ**NA-U1		●	●	●	●			
4-way cassette	SLZ-KA**NA.TH		●	●	●				
	SLZ-KF**NA.TH		●	●	●				
	PLA-A**BA6					●			
	PLA-A**EA7					●			
Ceiling concealed	SEZ-KD**NA4.TH		●	●	●	●			
	PEAD-A**AA8		●	●	●	●			
Ceiling suspended	PCA-A**KA6.TH								
Multi-position	MVZ-A**AA4			●		●			
	SVZ-KP**NA			●		●			

<MXZ-3C24NA3-U1, MXZ-3C24NA4-U1>

Connectable indoor unit lineups (Heat pump inverter type)									
Model type	Model name	Capacity class [kBTU/h]							
		06	09	12	15	18	24	30	36
Wall mounted	MSZ-FE**NA		●	●					
	MSZ-FH**NA	●	●	●	●	●			
	MSZ-FH**NA2					●			
	MSZ-FS**NA	●	●	●	●	●			
	MSZ-GE**NA	●	●	●	●	●			
	MSZ-GL**NA-U1	●	●	●	●	●			
	MSZ-GS**NA-U1	●	●	●	●	●			
Floor standing	MFZ-KA**NA		●	●		●			
	MFZ-KJ**NA-U1		●	●	●	●			
4-way cassette	SLZ-KA**NA.TH		●	●	●				
	SLZ-KF**NA.TH		●	●	●				
	PLA-A**BA6					●			
	PLA-A**EA7					●			
1-way cassette	MLZ-KP**NA-U1		●	●		●			
	MLZ-KP**NA2-U1		●	●		●			
	MLZ-KY**NA-U1	●							
Ceiling concealed	SEZ-KD**NA4.TH		●	●	●	●			
	PEAD-A**AA8		●	●	●	●			
Ceiling suspended	PCA-A**KA7.TH								
Multi-position	MVZ-A**AA4			●		●			
	SVZ-KP**NA			●		●			
	PAA-A**					●			

<MXZ-3C24NAHZ>

Connectable indoor unit lineups (Heat pump inverter type)									
Model type	Model name	Capacity class [kBTU/h]							
		06	09	12	15	18	24	30	36
Wall mounted	MSZ-FE**NA		●	●					
	MSZ-FH**NA		●	●	●	●			
	MSZ-FH**NA2								
	MSZ-FS**NA								
	MSZ-GE**NA	●	●	●	●	●			
	MSZ-GL**NA-U1	●	●	●	●	●			
Floor standing	MFZ-KA**NA		●	●		●			
	MFZ-KJ**NA-U1		●	●	●	●			
4-way cassette	SLZ-KA**NA.TH		●	●	●				
	SLZ-KF**NA.TH								
	PLA-A**BA6					●			
	PLA-A**EA7					●			
Ceiling concealed	SEZ-KD**NA4.TH		●	●	●	●			
	PEAD-A**AA8								
Ceiling suspended	PCA-A**KA6.TH								
Multi-position	MVZ-A**AA4			●		●			
	SVZ-KP**NA								

<MXZ-3C24NAHZ2-U1>

Connectable indoor unit lineups (Heat pump inverter type)									
Model type	Model name	Capacity class [kBTU/h]							
		06	09	12	15	18	24	30	36
Wall mounted	MSZ-FE**NA		●	●					
	MSZ-FH**NA	●	●	●	●	●			
	MSZ-FH**NA2								
	MSZ-FS**NA	●	●	●	●	●			
	MSZ-GE**NA	●	●	●	●	●			
	MSZ-GL**NA-U1	●	●	●	●	●			
Floor standing	MFZ-KA**NA		●	●		●			
	MFZ-KJ**NA-U1		●	●	●	●			
4-way cassette	SLZ-KA**NA.TH		●	●	●				
	SLZ-KF**NA.TH		●	●	●				
	PLA-A**BA6					●			
	PLA-A**EA7					●			
Ceiling concealed	SEZ-KD**NA4.TH		●	●	●	●			
	PEAD-A**AA8		●	●	●	●			
Ceiling suspended	PCA-A**KA6.TH								
Multi-position	MVZ-A**AA4			●		●			
	SVZ-KP**NA			●		●			

<MXZ-3C24NAHZ3-U1, MXZ-3C24NAHZ4-U1>

Connectable indoor unit lineups (Heat pump inverter type)									
Model type	Model name	Capacity class [kBTU/h]							
		06	09	12	15	18	24	30	36
Wall mounted	MSZ-FE**NA		●	●					
	MSZ-FH**NA	●	●	●	●	●			
	MSZ-FH**NA2					●			
	MSZ-FS**NA	●	●	●	●	●			
	MSZ-GE**NA	●	●	●	●	●			
	MSZ-GL**NA-U1	●	●	●	●	●			
	MSZ-GS**NA-U1	●	●	●	●	●			
Floor standing	MFZ-KA**NA		●	●		●			
	MFZ-KJ**NA-U1		●	●	●	●			
4-way cassette	SLZ-KA**NA.TH		●	●	●				
	SLZ-KF**NA.TH		●	●	●				
	PLA-A**BA6					●			
	PLA-A**EA7					●			
1-way cassette	MLZ-KP**NA-U1		●	●		●			
	MLZ-KP**NA2-U1		●	●		●			
	MLZ-KY**NA-U1	●							
Ceiling concealed	SEZ-KD**NA4.TH		●	●	●	●			
	PEAD-A**AA8		●	●	●	●			
Ceiling suspended	PCA-A**KA7.TH								
Multi-position	MVZ-A**AA4			●		●			
	SVZ-KP**NA			●		●			
	PAA-A**					●			

<MXZ-3C30NA>

Connectable indoor unit lineups (Heat pump inverter type)									
Model type	Model name	Capacity class [kBTU/h]							
		06	09	12	15	18	24	30	36
Wall mounted	MSZ-FE**NA		●	●					
	MSZ-FH**NA		●	●	●	●			
	MSZ-FH**NA2								
	MSZ-FS**NA								
	MSZ-GE**NA	●	●	●	●	●	●		
	MSZ-GL**NA-U1	●	●	●	●	●	●		
Floor standing	MFZ-KA**NA		●	●		●			
	MFZ-KJ**NA-U1		●	●	●	●			
4-way cassette	SLZ-KA**NA.TH		●	●	●				
	SLZ-KF**NA.TH								
	PLA-A**BA6					●	●		
	PLA-A**EA7					●			
Ceiling concealed	SEZ-KD**NA4.TH		●	●	●	●			
	PEAD-A**AA8								
Ceiling suspended	PCA-A**KA6.TH						●		
Multi-position	MVZ-A**AA4			●		●	●		
	SVZ-KP**NA								

<MXZ-3C30NA2-U1>

Connectable indoor unit lineups (Heat pump inverter type)									
Model type	Model name	Capacity class [kBTU/h]							
		06	09	12	15	18	24	30	36
Wall mounted	MSZ-FE**NA		●	●					
	MSZ-FH**NA	●	●	●	●	●			
	MSZ-FH**NA2								
	MSZ-FS**NA	●	●	●	●	●			
	MSZ-GE**NA	●	●	●	●	●	●		
	MSZ-GL**NA-U1	●	●	●	●	●	●		
Floor standing	MSZ-EF**NA-U1		●	●	●	●			
	MFZ-KA**NA		●	●		●			
4-way cassette	MFZ-KJ**NA-U1		●	●	●	●			
	SLZ-KA**NA.TH		●	●	●				
	SLZ-KF**NA.TH		●	●	●				
	PLA-A**BA6					●	●		
Ceiling concealed	PLA-A**EA7					●			
	SEZ-KD**NA4.TH		●	●	●	●			
Ceiling suspended	PEAD-A**AA8		●	●	●	●	●		
	PCA-A**KA6.TH						●		
Multi-position	MVZ-A**AA4			●		●	●		
	SVZ-KP**NA			●		●	●		

<MXZ-3C30NAHZ2-U1>

Connectable indoor unit lineups (Heat pump inverter type)									
Model type	Model name	Capacity class [kBTU/h]							
		06	09	12	15	18	24	30	36
Wall mounted	MSZ-FE**NA		●	●					
	MSZ-FH**NA	●	●	●	●	●			
	MSZ-FH**NA2								
	MSZ-FS**NA	●	●	●	●	●			
	MSZ-GE**NA	●	●	●	●	●	●		
	MSZ-GL**NA-U1	●	●	●	●	●	●		
Floor standing	MSZ-EF**NA-U1		●	●	●	●			
	MFZ-KA**NA		●	●		●			
4-way cassette	MFZ-KJ**NA-U1		●	●	●	●			
	SLZ-KA**NA.TH		●	●	●				
	SLZ-KF**NA.TH		●	●	●				
	PLA-A**BA6					●	●		
Ceiling concealed	PLA-A**EA7					●			
	SEZ-KD**NA4.TH		●	●	●	●			
Ceiling suspended	PEAD-A**AA8		●	●	●	●	●		
	PCA-A**KA6.TH						●		
Multi-position	MVZ-A**AA4			●		●	●		
	SVZ-KP**NA			●		●	●		

<MXZ-3C30NA3-U1, MXZ-3C30NA4-U1>

Connectable indoor unit lineups (Heat pump inverter type)									
Model type	Model name	Capacity class [kBTU/h]							
		06	09	12	15	18	24	30	36
Wall mounted	MSZ-FE**NA		●	●					
	MSZ-FH**NA	●	●	●	●	●			
	MSZ-FH**NA2					●			
	MSZ-FS**NA	●	●	●	●	●			
	MSZ-GE**NA	●	●	●	●	●	●		
	MSZ-GL**NA-U1	●	●	●	●	●	●		
Floor standing	MSZ-GS**NA-U1	●	●	●	●	●	●		
	MSZ-EF**NA-U1		●	●	●	●			
4-way cassette	MFZ-KA**NA		●	●		●			
	MFZ-KJ**NA-U1		●	●	●	●			
	SLZ-KA**NA.TH		●	●	●				
	SLZ-KF**NA.TH		●	●	●				
1-way cassette	PLA-A**BA6					●	●		
	PLA-A**EA7					●			
	MLZ-KP**NA-U1		●	●		●			
Ceiling concealed	MLZ-KP**NA2-U1		●	●		●			
	MLZ-KY**NA-U1	●							
Ceiling suspended	SEZ-KD**NA4.TH		●	●	●	●			
	PEAD-A**AA8		●	●	●	●	●		
Multi-position	PCA-A**KA7.TH						●		
	MVZ-A**AA4			●		●	●		
Multi-position	SVZ-KP**NA			●		●	●		
	PAA-A**					●	●		

<MXZ-3C30NAHZ3-U1, MXZ-3C30NAHZ4-U1>

Connectable indoor unit lineups (Heat pump inverter type)									
Model type	Model name	Capacity class [kBTU/h]							
		06	09	12	15	18	24	30	36
Wall mounted	MSZ-FE**NA		●	●					
	MSZ-FH**NA	●	●	●	●	●			
	MSZ-FH**NA2					●			
	MSZ-FS**NA	●	●	●	●	●			
	MSZ-GE**NA	●	●	●	●	●	●		
	MSZ-GL**NA-U1	●	●	●	●	●	●		
Floor standing	MSZ-GS**NA-U1	●	●	●	●	●	●		
	MSZ-EF**NA-U1		●	●	●	●			
4-way cassette	MFZ-KA**NA		●	●		●			
	MFZ-KJ**NA-U1		●	●	●	●			
	SLZ-KA**NA.TH		●	●	●				
	SLZ-KF**NA.TH		●	●	●				
1-way cassette	PLA-A**BA6					●	●		
	PLA-A**EA7					●			
	MLZ-KP**NA-U1		●	●		●			
Ceiling concealed	MLZ-KP**NA2-U1		●	●		●			
	MLZ-KY**NA-U1	●							
Ceiling suspended	SEZ-KD**NA4.TH		●	●	●	●			
	PEAD-A**AA8		●	●	●	●	●		
Multi-position	PCA-A**KA7.TH						●		
	MVZ-A**AA4			●		●	●		
Multi-position	SVZ-KP**NA			●		●	●		
	PAA-A**					●	●		

<MXZ-3C30NAHZ>

Connectable indoor unit lineups (Heat pump inverter type)									
Model type	Model name	Capacity class [kBTU/h]							
		06	09	12	15	18	24	30	36
Wall mounted	MSZ-FE**NA		●	●					
	MSZ-FH**NA		●	●	●	●			
	MSZ-FH**NA2								
	MSZ-FS**NA								
	MSZ-GE**NA	●	●	●	●	●	●		
	MSZ-GL**NA-U1	●	●	●	●	●	●		
Floor standing	MSZ-EF**NA-U1		●	●		●			
	MFZ-KA**NA		●	●		●			
4-way cassette	MFZ-KJ**NA-U1		●	●	●	●			
	SLZ-KA**NA.TH		●	●	●				
	SLZ-KF**NA.TH		●	●	●				
	PLA-A**BA6					●	●		
Ceiling concealed	PLA-A**EA7					●			
	SEZ-KD**NA4.TH		●	●	●	●			
Ceiling suspended	PEAD-A**AA8						●		
	PCA-A**KA6.TH						●		
Multi-position	MVZ-A**AA4			●		●	●		
	SVZ-KP**NA			●		●	●		

<MXZ-4C36NA>

Connectable indoor unit lineups (Heat pump inverter type)									
Model type	Model name	Capacity class [kBTU/h]							
		06	09	12	15	18	24	30	36
Wall mounted	MSZ-FE**NA		●	●					
	MSZ-FH**NA		●	●	●	●			
	MSZ-FH**NA2								
	MSZ-FS**NA								
	MSZ-GE**NA	●	●	●	●	●	●		
	MSZ-GL**NA-U1	●	●	●	●	●	●		
Floor standing	MSZ-EF**NA-U1		●	●		●			
	MFZ-KA**NA		●	●		●			
4-way cassette	MFZ-KJ**NA-U1		●	●	●	●			
	SLZ-KA**NA.TH		●	●	●				
	SLZ-KF**NA.TH		●	●	●				
	PLA-A**BA6					●	●		
Ceiling concealed	PLA-A**EA7					●			
	SEZ-KD**NA4.TH		●	●	●	●			
Ceiling suspended	PEAD-A**AA8						●		
	PCA-A**KA6.TH						●		
Multi-position	MVZ-A**AA4			●		●	●		
	SVZ-KP**NA			●		●	●		

<MXZ-4C36NA2-U1>

Connectable indoor unit lineups (Heat pump inverter type)									
Model type	Model name	Capacity class [kBTU/h]							
		06	09	12	15	18	24	30	36
Wall mounted	MSZ-FE**NA		●	●					
	MSZ-FH**NA	●	●	●	●	●			
	MSZ-FH**NA2								
	MSZ-FS**NA	●	●	●	●	●			
	MSZ-GE**NA	●	●	●	●	●			
	MSZ-GL**NA-U1	●	●	●	●	●	●		
	MSZ-EF**NA-U1		●	●	●	●			
Floor standing	MFZ-KA**NA		●	●		●			
	MFZ-KJ**NA-U1		●	●	●	●			
4-way cassette	SLZ-KA**NA.TH		●	●	●				
	SLZ-KF**NA.TH		●	●	●				
	PLA-A**BA6					●	●		
	PLA-A**EA7					●			
Ceiling concealed	SEZ-KD**NA4.TH		●	●	●	●			
	PEAD-A**AA8		●	●	●	●	●		
Ceiling suspended	PCA-A**KA6.TH						●		
Multi-position	MVZ-A**AA4			●		●	●		
	SVZ-KP**NA		●			●	●		

<MXZ-4C36NA3-U1, MXZ-4C36NA4-U1>

Connectable indoor unit lineups (Heat pump inverter type)									
Model type	Model name	Capacity class [kBTU/h]							
		06	09	12	15	18	24	30	36
Wall mounted	MSZ-FE**NA		●	●					
	MSZ-FH**NA	●	●	●	●	●			
	MSZ-FH**NA2					●			
	MSZ-FS**NA	●	●	●	●	●			
	MSZ-GE**NA	●	●	●	●	●	●		
	MSZ-GL**NA-U1	●	●	●	●	●	●		
	MSZ-GS**NA-U1	●	●	●	●	●	●		
Floor standing	MFZ-KA**NA		●	●		●			
	MFZ-KJ**NA-U1		●	●	●	●			
4-way cassette	SLZ-KA**NA.TH		●	●	●				
	SLZ-KF**NA.TH		●	●	●				
	PLA-A**BA6					●	●		
	PLA-A**EA7					●			
1-way cassette	MLZ-KP**NA-U1		●	●		●			
	MLZ-KP**NA2-U1		●	●		●			
	MLZ-KY**NA-U1	●							
Ceiling concealed	SEZ-KD**NA4.TH		●	●	●	●			
	PEAD-A**AA8		●	●	●	●	●		
Ceiling suspended	PCA-A**KA7.TH						●		
Multi-position	MVZ-A**AA4			●		●	●		
	SVZ-KP**NA			●		●	●		
	PAA-A**					●	●		

<MXZ-5C42NA>

Connectable indoor unit lineups (Heat pump inverter type)									
Model type	Model name	Capacity class [kBTU/h]							
		06	09	12	15	18	24	30	36
Wall mounted	MSZ-FE**NA		●	●					
	MSZ-FH**NA	●	●	●	●	●			
	MSZ-FH**NA2								
	MSZ-FS**NA								
	MSZ-GE**NA	●	●	●	●	●	●		
	MSZ-GL**NA-U1	●	●	●	●	●	●		
	MSZ-EF**NA-U1		●	●	●	●			
Floor standing	MFZ-KA**NA		●	●		●			
	MFZ-KJ**NA-U1		●	●	●	●			
4-way cassette	SLZ-KA**NA.TH		●	●	●				
	SLZ-KF**NA.TH		●	●	●				
	PLA-A**BA6					●	●		
	PLA-A**EA7					●			
Ceiling concealed	SEZ-KD**NA4.TH		●	●	●	●			
	PEAD-A**AA8		●	●	●	●	●		
Ceiling suspended	PCA-A**KA6.TH						●		
Multi-position	MVZ-A**AA4			●		●	●		
	SVZ-KP**NA			●		●	●		

<MXZ-5C42NA2-U1>

Connectable indoor unit lineups (Heat pump inverter type)									
Model type	Model name	Capacity class [kBTU/h]							
		06	09	12	15	18	24	30	36
Wall mounted	MSZ-FE**NA		●	●					
	MSZ-FH**NA	●	●	●	●	●			
	MSZ-FH**NA2					●			
	MSZ-FS**NA	●	●	●	●	●			
	MSZ-GE**NA	●	●	●	●	●	●		
	MSZ-GL**NA-U1	●	●	●	●	●	●		
	MSZ-EF**NA-U1		●	●	●	●			
Floor standing	MFZ-KA**NA		●	●		●			
	MFZ-KJ**NA-U1		●	●	●	●			
4-way cassette	SLZ-KA**NA.TH		●	●	●				
	SLZ-KF**NA.TH		●	●	●				
	PLA-A**BA6					●	●		
	PLA-A**EA7					●			
Ceiling concealed	SEZ-KD**NA4.TH		●	●	●	●			
	PEAD-A**AA8		●	●	●	●	●		
Ceiling suspended	PCA-A**KA6.TH						●		
Multi-position	MVZ-A**AA4			●		●	●		
	SVZ-KP**NA			●		●	●		

<MXZ-5C42NA3-U1, MXZ-5C42NA4-U1>

Connectable indoor unit lineups (Heat pump inverter type)									
Model type	Model name	Capacity class [kBTU/h]							
		06	09	12	15	18	24	30	36
Wall mounted	MSZ-FE**NA		●	●					
	MSZ-FH**NA	●	●	●	●	●			
	MSZ-FH**NA2					●			
	MSZ-FS**NA	●	●	●	●	●			
	MSZ-GE**NA	●	●	●	●	●	●		
	MSZ-GL**NA-U1	●	●	●	●	●	●		
	MSZ-GS**NA-U1	●	●	●	●	●	●		
Floor standing	MFZ-KA**NA		●	●		●			
	MFZ-KJ**NA-U1		●	●	●	●			
4-way cassette	SLZ-KA**NA.TH		●	●	●				
	SLZ-KF**NA.TH		●	●	●				
	PLA-A**BA6					●	●		
	PLA-A**EA7					●			
1-way cassette	MLZ-KP**NA-U1		●	●		●			
	MLZ-KP**NA2-U1		●	●		●			
	MLZ-KY**NA-U1	●							
Ceiling concealed	SEZ-KD**NA4.TH		●	●	●	●			
	PEAD-A**AA8		●	●	●	●	●		
Ceiling suspended	PCA-A**KA7.TH						●		
Multi-position	MVZ-A**AA4			●		●	●		
	SVZ-KP**NA			●		●	●		
	PAA-A**					●	●		

See the table below for connection restrictions.

No.	NA/HZ	NA2/HZ2	NA3/HZ3	NA4/HZ4
(1)	—	—	—	○
(2)	○	○	○	○
(3)	○	○	○	○
(4)	○	○	○	—

(1) : Up to two SVZ/MVZ units can be connected. (The total maximum number of connections is two when connected two SVZ/MVZ units.)

When you connect one SVZ/MVZ unit, there is no limit on the total number of connections.

(2) : SVZ/MVZ unit and PEAD unit cannot be connected in the same system.

(3) : Maximum of two PEAD units can be connected.

(4) : Only one SVZ/MVZ unit can be connected.

MXZ-5C42NA
MXZ-2C20NAHZ
MXZ-3C24NAHZ
MXZ-3C30NAHZ

1. New model

MXZ-3C24NA
MXZ-3C30NA
MXZ-4C36NA

1. New model

MXZ-3C24NA → MXZ-3C24NA2 - [U1]
MXZ-3C30NA → MXZ-3C30NA2 - [U1]
MXZ-4C36NA → MXZ-4C36NA2 - [U1]
MXZ-5C42NA → MXZ-5C42NA2 - [U1]

1. Outdoor control P.C. board has been changed.

MXZ-2C20NA2 - [U1]

1. New model

MXZ-2C20NA2 - [U1] → MXZ-2C20NA2 - [U4]

1. Outdoor fan motor has been changed.

2. Outdoor control P.C. board has been changed.

MXZ-2C20NA2 - [U4] → MXZ-2C20NA3 - [U1]
MXZ-3C24NA2 - [U1] → MXZ-3C24NA3 - [U1]
MXZ-3C30NA2 - [U1] → MXZ-3C30NA3 - [U1]
MXZ-4C36NA2 - [U1] → MXZ-4C36NA3 - [U1]
MXZ-5C42NA2 - [U1] → MXZ-5C42NA3 - [U1]

1. Outdoor fan motor has been changed.

2. Outdoor control P.C. board has been changed.

MXZ-2C20NA3 - [U1] → MXZ-2C20NA4 - [U1]
MXZ-3C24NA3 - [U1] → MXZ-3C24NA4 - [U1]
MXZ-3C30NA3 - [U1] → MXZ-3C30NA4 - [U1]
MXZ-4C36NA3 - [U1] → MXZ-4C36NA4 - [U1]
MXZ-5C42NA3 - [U1] → MXZ-5C42NA4 - [U1]

1. Outdoor control P.C. board has been changed.

MXZ-2C20NAHZ → MXZ-2C20NAHZ2 - [U1]

MXZ-3C24NAHZ → MXZ-3C24NAHZ2 - [U1]

MXZ-3C30NAHZ → MXZ-3C30NAHZ2 - [U1]

MXZ-2C20NAHZ2 - [U1] → MXZ-2C20NAHZ3 - [U1]

MXZ-3C24NAHZ2 - [U1] → MXZ-3C24NAHZ3 - [U1]

MXZ-3C30NAHZ2 - [U1] → MXZ-3C30NAHZ3 - [U1]

MXZ-2C20NAHZ3 - [U1] → MXZ-2C20NAHZ4 - [U1]

MXZ-3C24NAHZ3 - [U1] → MXZ-3C24NAHZ4 - [U1]

MXZ-3C30NAHZ3 - [U1] → MXZ-3C30NAHZ4 - [U1]

2-1. ALWAYS OBSERVE FOR SAFETY

Before obtaining access to terminal, all supply circuit must be disconnected.

Preparation before the repair service

- Prepare the proper tools.
- Prepare the proper protectors.
- Provide adequate ventilation.
- After stopping the operation of the air conditioner, turn off the power-supply breaker.
- Discharge the condenser before the work involving the electric parts.

Precautions during the repair service

- Do not perform the work involving the electric parts with wet hands.
- Do not pour water into electric parts.
- Do not touch the refrigerant.
- Do not touch the hot or cold areas in the refrigerating cycle.
- When the repair or the inspection of the circuit needs to be done without turning off the power, exercise great caution not to touch the live parts.
- When opening or closing the valve below freezing temperatures, refrigerant may spurt out from the gap between the valve stem and the valve body, resulting in injuries.

2-2. CAUTIONS RELATED TO R410A REFRIGERANT

Caution for units utilizing refrigerant R410A

Make sure that the inside and outside of refrigerant piping is clean and it has no contaminants such as sulfur, oxides, dirt, shaving particles, etc., which are hazard to refrigerant cycle. In addition, use pipes with specified thickness.

Contamination inside refrigerant piping can cause deterioration of refrigerant oil, etc.

Store the piping indoors, and keep both ends of the piping sealed until just before brazing. (Leave elbow joints, etc. in their packaging.)

If dirt, dust or moisture enters into refrigerant cycle, that can cause deterioration of refrigerant oil or malfunction of compressor.

The refrigerant oil applied to flare and flange connections must be ester oil, ether oil or alkylbenzene oil in a small amount.

If large amount of mineral oil enters, that can cause deterioration of refrigerant oil, etc.

Charge refrigerant from liquid phase of gas cylinder.

If the refrigerant is charged from gas phase, composition change may occur in refrigerant and the efficiency will be lowered.

Do not use refrigerant other than R410A.

If other refrigerant (R22, etc.) is used, chlorine in refrigerant can cause deterioration of refrigerant oil, etc.

Use a vacuum pump with a reverse flow check valve.

Vacuum pump oil may flow back into refrigerant cycle and that can cause deterioration of refrigerant oil, etc.

Use the following tools specifically designed for use with R410A refrigerant.

The following tools are necessary to use R410A refrigerant.

Tools for R410A	
Gauge manifold	Flare tool
Charge hose	Size adjustment gauge
Gas leak detector	Vacuum pump adaptor
Torque wrench	Electronic refrigerant charging scale

Handle tools with care.

If dirt, dust or moisture enters into refrigerant cycle, that can cause deterioration of refrigerant oil or malfunction of compressor.

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.

Do not use a charging cylinder.

If a charging cylinder is used, the composition of refrigerant will change and the efficiency will be lowered.

Ventilate the room if refrigerant leaks during operation. If refrigerant comes into contact with a flame, poisonous gases will be released.

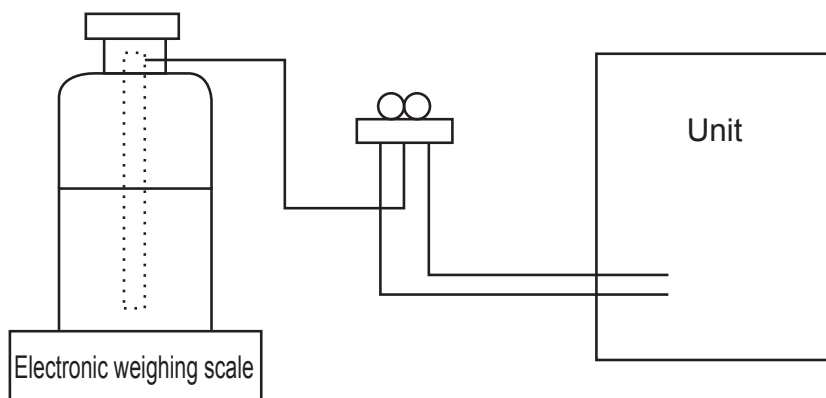
[1] Cautions for service

- (1) Perform service after recovering the refrigerant left in unit completely.
- (2) Do not release refrigerant in the air.
- (3) After completing service, charge the cycle with specified amount of refrigerant.
- (4) If moisture or foreign matter might have entered the refrigerant piping during service, ensure to remove them.

[2] Additional refrigerant charge

When charging directly from cylinder

- (1) Check that cylinder for R410A on the market is a siphon type.
- (2) Charging should be performed with the cylinder of siphon stood vertically. (Refrigerant is charged from liquid phase.)



[3] Service tools

- (1) Use the below service tools as exclusive tools for R410A refrigerant.

No.	Tool name	Specifications
1	Gauge manifold	·Only for R410A ·Use the existing fitting specifications. (UNF1/2) ·Use high-tension side pressure of 768.7 PSIG [5.3 MPaG] or over.
2	Charge hose	·Only for R410A ·Use pressure performance of 738.2 PSIG [5.09MPaG] or over.
3	Electronic weighing scale	—
4	Gas leak detector	·Use the detector for R134a, R407C or R410A.
5	Adaptor for reverse flow check	·Attach on vacuum pump.
6	Refrigerant charge base	—
7	Refrigerant cylinder	·Only for R410A ·Top of cylinder (Pink) ·Cylinder with siphon
8	Refrigerant recovery equipment	—

2-3. Cautions for refrigerant piping work

Refrigerant R410A is adopted for replacement inverter series. Although the refrigerant piping work for R410A is the same as for R22, exclusive tools are necessary so as not to mix with different kind of refrigerant. Furthermore as the working pressure of R410A is 1.6 times higher than that of R22, their sizes of flared sections and flare nuts are different.

① Thickness of pipes

Since the working pressure of R410A is higher compared to R22, be sure to use refrigerant piping with thickness shown below. (Never use pipes of 7/256 in [0.7 mm] or below.)

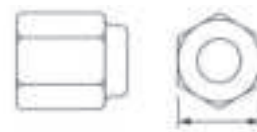
Diagram below: Piping diameter and thickness

Nominal dimensions (inch)	Outside diameter (mm)	Thickness: in [mm]	
		R410A	R22
1/4	6.35	1/32 [0.8]	1/32 [0.8]
3/8	9.52	1/32 [0.8]	1/32 [0.8]
1/2	12.70	1/32 [0.8]	1/32 [0.8]
5/8	15.88	5/128 [1.0]	5/128 [1.0]
3/4	19.05	—	5/128 [1.0]

② Dimensions of flare cutting and flare nut

The component molecules in HFC refrigerant are smaller compared to conventional refrigerants. In addition to that, R410A is a refrigerant, which has higher risk of leakage because its working pressure is higher than that of other refrigerants. Therefore, to enhance airtightness and strength, flare cutting dimension of copper pipe for R410A has been specified separately from the dimensions for other refrigerants as shown below. The dimension B of flare nut for R410A also has partly been changed to increase strength as shown below. Set copper pipe correctly referring to copper pipe flaring dimensions for R410A below. For 1/2 and 5/8 inch pipes, the dimension B changes.

Use torque wrench corresponding to each dimension.



Flare cutting dimensions

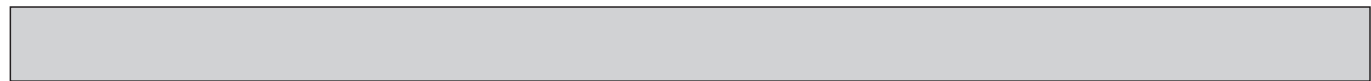
Unit: in [mm]

Nominal dimensions (in)	Outside diameter (mm)	Dimension A ^(+0/-0.4)	
		R410A	R22
1/4	6.35	11/32-23/64 [9.1]	9.0
3/8	9.52	1/2-33/64 [13.2]	13.0
1/2	12.70	41/64-21/32 [16.6]	16.2
5/8	15.88	49/64-25/32 [19.7]	19.4
3/4	19.05	—	23.3

Flare nut dimensions

Unit: in [mm]

Nominal dimensions (in)	Outside diameter (mm)	Dimension B	
		R410A	R22
1/4	6.35	43/64 [17.0]	17.0
3/8	9.52	7/8 [22.0]	22.0
1/2	12.70	1-3/64 [26.0]	24.0
5/8	15.88	1-9/64 [29.0]	27.0
3/4	19.05	—	36.0



③ **Tools for R410A (The following table shows whether conventional tools can be used or not.)**

Tools and materials	Use	R410A tools	Can R22 tools be used?	Can R407C tools be used?
Gauge manifold	Air purge, refrigerant charge and operation check	Tool exclusive for R410A	×	×
Charge hose		Tool exclusive for R410A	×	×
Gas leak detector	Gas leak check	Tool for HFC refrigerant	×	○
Refrigerant recovery equipment	Refrigerant recovery	Tool exclusive for R410A	×	×
Refrigerant cylinder	Refrigerant charge	Tool exclusive for R410A	×	×
Applied oil	Apply to flared section	Ester oil, ether oil and alkylbenzene oil (minimum amount)	×	Ester oil, ether oil: ○ Alkylbenzene oil: minimum amount
Safety charger	Prevent compressor malfunction when charging refrigerant by spraying liquid refrigerant	Tool exclusive for R410A	×	×
Charge valve	Prevent gas from blowing out when detaching charge hose	Tool exclusive for R410A	×	×
Vacuum pump	Vacuum drying and air purge	Tools for other refrigerants can be used if equipped with adopter for reverse flow check	△(Usable if equipped with adopter for reverse flow)	△(Usable if equipped with adopter for reverse flow)
Flare tool	Flaring work of piping	Tools for other refrigerants can be used by adjusting flaring dimension	△(Usable by adjusting flaring dimension)	△(Usable by adjusting flaring dimension)
Bender	Bend the pipes	Tools for other refrigerants can be used	○	○
Pipe cutter	Cut the pipes	Tools for other refrigerants can be used	○	○
Welder and nitrogen gas cylinder	Weld the pipes	Tools for other refrigerants can be used	○	○
Refrigerant charging scale	Refrigerant charge	Tools for other refrigerants can be used	○	○
Vacuum gauge or thermistor vacuum gauge and vacuum valve	Check the degree of vacuum. (Vacuum valve prevents back flow of oil and refrigerant to thermistor vacuum gauge)	Tools for other refrigerants can be used	○	○
Charging cylinder	Refrigerant charge	Tool exclusive for R410A	×	—

×: **Prepare a new tool. (Use the new tool as the tool exclusive for R410A.)**

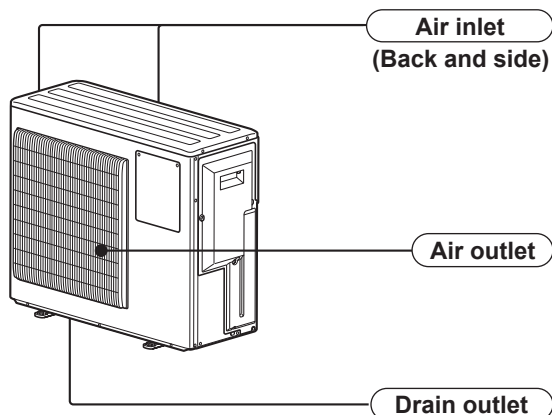
△: **Tools for other refrigerants can be used under certain conditions.**

○: **Tools for other refrigerants can be used.**

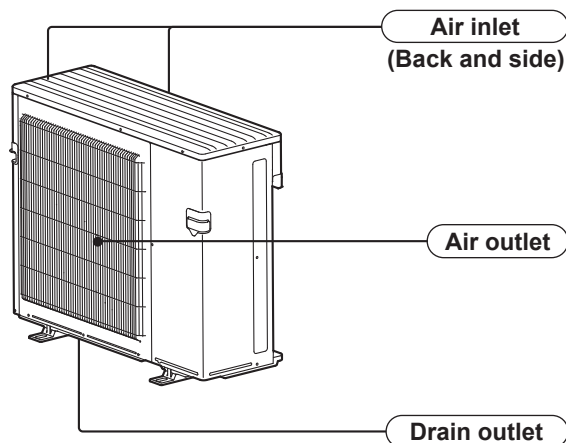
3

PART NAMES AND FUNCTIONS

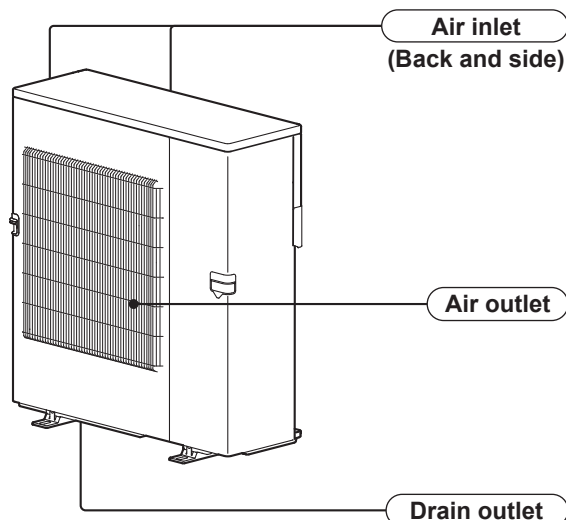
MXZ-2C20NA2 MXZ-2C20NA3 MXZ-2C20NA4



MXZ-3C24NA MXZ-3C24NA2 MXZ-3C24NA3 MXZ-3C24NA4
MXZ-3C30NA MXZ-3C30NA2 MXZ-3C30NA3 MXZ-3C30NA4
MXZ-4C36NA MXZ-4C36NA2 MXZ-4C36NA3 MXZ-4C36NA4



MXZ-5C42NA MXZ-5C42NA2 MXZ-5C42NA3 MXZ-5C42NA4
MXZ-2C20NAHZ MXZ-2C20NAHZ2 MXZ-2C20NAHZ3 MXZ-2C20NAHZ4
MXZ-3C24NAHZ MXZ-3C24NAHZ2 MXZ-3C24NAHZ3 MXZ-3C24NAHZ4
MXZ-3C30NAHZ MXZ-3C30NAHZ2 MXZ-3C30NAHZ3 MXZ-3C30NAHZ4



Item			Outdoor model	MXZ-2C20NA2 MXZ-2C20NA3	
			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	15,500	14,500
Power consumption	Cooling	*1	W	1,417	2,000
	Heating 47	*1	W	1,641	1,771
	Heating 17	*2	W	1,750	1,810
EER	Cooling			12.7	10.0
SEER	Cooling			20.0	16.0
HSPF IV(V)	Heating			10.0	9.3
COP	Heating			3.93	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	17.2		
Fan motor		F.L.A	1.77		
Compressor	Model		SNB140FQUH2T		
	Winding resistance (at 68 °F)	Ω	U-V1.99 V-W 1.99 W-U 1.99		
		R.L.A	10.7		
		L.R.A	15.5		
Refrigerant control			LEV		
Sound level		dB(A)	50/54		
Defrost method			Reverse cycle		
Dimensions	W	in.	33-1/16		
	D	in.	13		
	H	in.	27-15/16		
Weight		lb.	126		
Remote controller			Wireless type	Wired 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.	3/8		
Connection method	Indoor		Flared		
	Outdoor		Flared		
Refrigerant charge (R410A)		lb.	5 lb. 15 oz.		
Refrigeration oil (Model)		fl oz. (L)	20.3 (0.6) (NEO22)		

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

Unit: °F

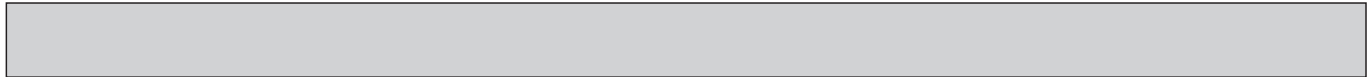
Mode	Test	Indoor air condition		Outdoor air condition	
		Dry bulb	Wet bulb	Dry bulb	Wet bulb
Cooling	*1: "A" Cooling steady state at rated compressor speed	80	67	95	(75)
	"B-2" Cooling steady state at rated compressor speed	80	67	82	(65)
	"B-1" Cooling steady state at minimum compressor speed	80	67	82	(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-2C20NA4	
		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	15,500	14,500
Power consumption	Cooling *1	W	1,417	2,000
	Heating 47 *1	W	1,641	1,771
	Heating 17 *2	W	1,750	1,810
EER	Cooling		12.7	10.0
EER2	Cooling		12.7	10.0
SEER	Cooling		20.0	16.0
SEER2	Cooling		20.0	16.0
HSPF IV(V)	Heating		10.0	9.3
HSPF2 IV(V)	Heating		9.7 (7.5)	9.1 (7.5)
COP	Heating		3.93	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	17.2	
Fan motor		F.L.A	1.77	
Compressor	Model		SNB140FQUH2T	
	Winding resistance (at 68 °F)	Ω	U-V1.99 V-W 1.99 W-U 1.99	
		R.L.A	10.7	
		L.R.A	15.5	
Refrigerant control			LEV	
Sound level		dB(A)	50/54	
Defrost method			Reverse cycle	
Dimensions	W	in.	33-1/16	
	D	in.	13	
	H	in.	27-15/16	
Weight		lb.	126	
Remote controller			Wireless type	Wired 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.	3/8	
Connection method	Indoor		Flared	
	Outdoor		Flared	
Refrigerant charge (R410A)		lb.	5 lb. 15 oz.	
Refrigeration oil (Model)		fl oz. (L)	20.3 (0.6) (NEO22)	

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

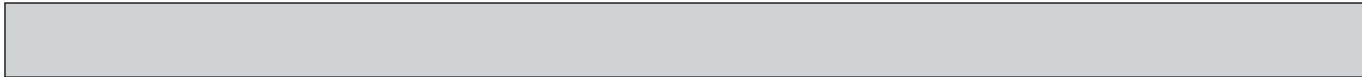
Unit: °F

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



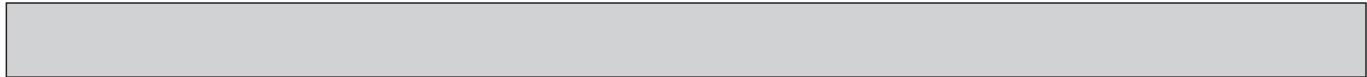
Item			Outdoor model	MXZ-3C24NA	MXZ-3C24NA2	MXZ-3C24NA3	MXZ-3C24NA3
			Indoor type	Non-Duct (06+09+09)	Duct (09+09+09)	Duct (12+12)	
Capacity	Cooling	*1	Btu/h	22,000	23,600	23,600	
	Heating	47 *1	Btu/h	25,000	24,600	24,000	
	Heating	17 *2	Btu/h	19,600	19,600	19,600	
Power consumption	Cooling	*1	W	1,620	2,100	2,195	
	Heating	47 *1	W	1,750	1,900	1,890	
	Heating	17 *2	W	2,580	2,440	2,773	
EER	Cooling			13.6	11.2	—	
EER2	Cooling			NA3: 13.6	—	10.75	
SEER	Cooling			20.0	16.0	—	
SEER2	Cooling			NA3: 20.0	—	15.0	
HSPF IV(V)	Heating			10.0 (7.6)	9.2 (7.6)	—	
HSPF2 IV(V)	Heating			NA3: 9.5 (7.4)	—	7.9 (6.6)	
COP	Heating			4.20	3.80	3.72	
External finish				Munsell 3.0Y 7.8/1.1			
Power supply			V, phase, Hz	208/230, 1, 60			
Max. fuse size (time delay)			A	25			
Min. circuit ampacity			A	22.1			
Fan motor			F.L.A	2.43			
Compressor	Model			SNB220FQGM C			
	Winding resistance (at 68 °F)		Ω	U-V 0.95 V-W 0.95 W-U 0.95			
			R.L.A	12			
			L.R.A	13.7			
Refrigerant control				LEV			
Sound level			dB(A)	51/55			
Defrost method				Reverse cycle			
Dimensions	W		in.	37-13/32			
	D		in.	13			
	H		in.	31-11/32			
Weight			lb.	NA: 135 / NA2, NA3: 137			
Remote controller				Wireless type	Wired 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.	6lb. 13oz.			
Refrigeration oil (Model)			fl oz. (L)	23.7 (0.7) NA, NA2: (FV50S) / NA3: (FV50S/FW68S)			

NOTE: Test conditions are based on AHRI 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

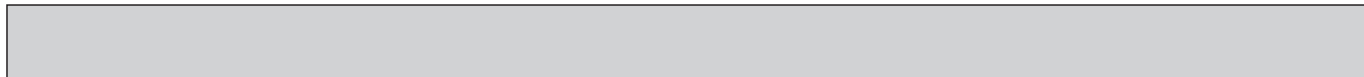


Item			Outdoor model	MXZ-3C24NA4		
			Indoor type	Non-Duct (06+09+09)	Duct(09+09+09)	Duct (12+12)
Capacity	Cooling	*1	Btu/h	22,000	23,600	23,600
	Heating	47 *1	Btu/h	25,000	24,600	24,000
	Heating	17 *2	Btu/h	21,000	19,600	21,000
Power consumption	Cooling	*1	W	1,610	2,100	2,107
	Heating	47 *1	W	1,740	1,890	1,851
	Heating	17 *2	W	2,860	2,440	2,960
EER	Cooling			13.60	11.20	—
EER2	Cooling			13.60	—	11.20
SEER	Cooling			20.00	15.80	—
SEER2	Cooling			20.00	—	16.00
HSPF IV(V)	Heating			10.00	9.20	—
HSPF2 IV(V)	Heating			10.00 (7.60)	—	8.60 (7.50)
COP	Heating			4.20	3.80	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	25		
Min. circuit ampacity			A	22.1		
Fan motor			F.L.A	2.43		
Compressor	Model			SNB220FCGMC		
	Winding resistance (at 68 °F)		Ω	U-V 0.95 V-W 0.95 W-U 0.95		
			R.L.A	12		
			L.R.A	13.7		
Refrigerant control			LEV			
Sound level			dB(A)	51/55		
Defrost method			Reverse cycle			
Dimensions	W		in.	37-13/32		
	D		in.	13		
	H		in.	31-11/32		
Weight			lb.	142		
Remote controller				Wireless type	Wired 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.	6lb. 13oz.		
Refrigeration oil (Model)			fl oz. (L)	23.7 (0.7) (FV50S/FW68S)		

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

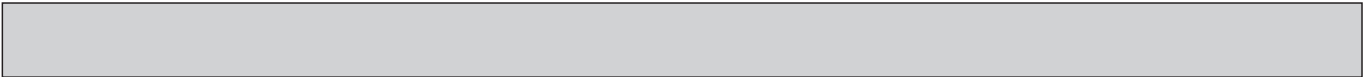
Unit: °F

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



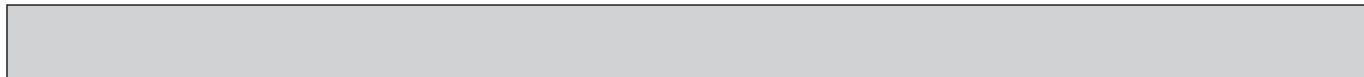
Item			Outdoor model	MXZ-3C30NA	MXZ-3C30NA2	MXZ-3C30NA3	MXZ-3C30NA3
			Indoor type	Non-Duct (09+09+12)	Duct (09+09+12)	Duct (15+15)	
Capacity	Cooling	*1	Btu/h	28,400	27,400	27,400	
	Heating	47 *1	Btu/h	28,600	27,600	27,600	
	Heating	17 *2	Btu/h	21,000	21,000	21,000	
Power consumption	Cooling	*1	W	2,680	2,840	2,840	
	Heating	47 *1	W	2,150	2,220	2,200	
	Heating	17 *2	W	2,740	2,820	3,540	
EER	Cooling			10.6	9.65	—	
EER2	Cooling			NA3: 10.6	—	9.65	
SEER	Cooling			19.0	16.2	—	
SEER2	Cooling			NA3: 19.0	—	15.4	
HSPF IV(V)	Heating			10.6 (8.0)	9.6 (8.0)	—	
HSPF2 IV(V)	Heating			NA3: 9.3 (7.4)	—	8.8 (7.0)	
COP	Heating			3.90	3.64	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	25			
Min. circuit ampacity			A	22.1			
Fan motor			F.L.A	2.43			
Compressor	Model		SNB220FQGMC				
	Winding resistance (at 68 °F)		Ω	U-V 0.95 V-W 0.95 W-U 0.95			
			R.L.A	12			
			L.R.A	13.7			
Refrigerant control			LEV				
Sound level			dB(A)	52/56			
Defrost method			Reverse cycle				
Dimensions	W		in.	37-13/32			
	D		in.	13			
	H		in.	31-11/32			
Weight			lb.	NA: 135 / NA2, NA3: 137			
Remote controller				Wireless type	Wired 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.	6lb. 13oz.			
Refrigeration oil (Model)			fl oz. (L)	23.7 (0.7) NA, NA2: (FV50S) / NA3: (FV50S/FW68S)			

NOTE: Test conditions are based on AHRI 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

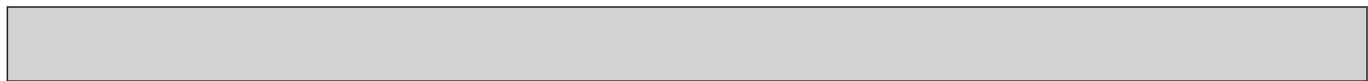


Item			Outdoor model	MXZ-3C30NA4		
			Indoor type	Non-Duct (09+09+12)	Duct(09+09+12)	Duct (18+18)
Capacity	Cooling *1	Btu/h	28,400	27,400	27,400	
	Heating 47 *1	Btu/h	28,600	27,600	27,600	
	Heating 17 *2	Btu/h	21,000	21,000	21,000	
Power consumption	Cooling *1	W	2,670	2,840	2,854	
	Heating 47 *1	W	2,149	2,220	2,247	
	Heating 17 *2	W	2,860	2,960	2,960	
EER	Cooling		10.60	9.60	—	
EER2	Cooling		10.60	—	9.60	
SEER	Cooling		19.00	16.20	—	
SEER2	Cooling		19.00	—	16.20	
HSPF IV(V)	Heating		10.60	9.60	—	
HSPF2 IV(V)	Heating		10.00 (7.90)	—	8.80 (7.00)	
COP	Heating		3.90	3.60	3.60	
External finish			Munsell 3.0Y 7.8/1.1			
Power supply		V, phase, Hz	208/230, 1, 60			
Max. fuse size (time delay)		A	25			
Min. circuit ampacity		A	22.1			
Fan motor		F.L.A	2.43			
Compressor	Model		SNB220FCGMC			
	Winding resistance (at 68 °F)		Ω	U-V 0.95 V-W 0.95 W-U 0.95		
			R.L.A	12		
			L.R.A	13.7		
Refrigerant control			LEV			
Sound level			dB(A)	52/56		
Defrost method			Reverse cycle			
Dimensions	W	in.	37-13/32			
	D	in.	13			
	H	in.	31-11/32			
Weight			lb.	142		
Remote controller			Wireless type	Wired 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.	6lb. 13oz.		
Refrigeration oil (Model)			fl oz. (L)	23.7 (0.7) (FV50S/FW68S)		

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

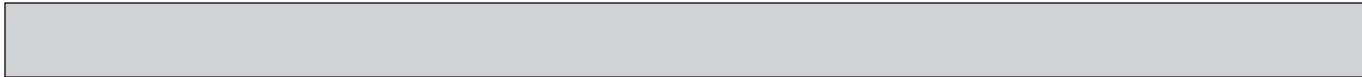
Unit: °F

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



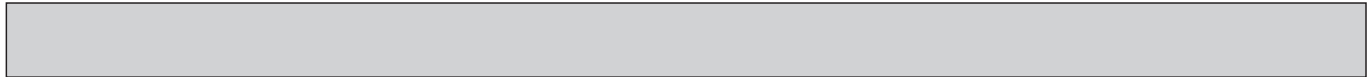
Item			Outdoor model	MXZ-4C36NA	MXZ-4C36NA2	MXZ-4C36NA3	MXZ-4C36NA3
			Indoor type	Non-Duct (09+09+09+09)		Duct (09+09+09+09)	Duct(18+18)
Capacity	Cooling	*1	Btu/h	35,400		34,400	33,400
	Heating 47	*1	Btu/h	36,000		34,400	34,400
	Heating 17	*2	Btu/h	26,600		26,600	24,400
Power consumption	Cooling	*1	W	3,760		3,940	3,839
	Heating 47	*1	W	3,020		3,100	3,100
	Heating 17	*2	W	3,440		3,540	3,540
EER	Cooling			9.4		8.7	—
EER2	Cooling			NA3: 9.4		—	8.7
SEER	Cooling			19.2		16.0	—
SEER2	Cooling			NA3: 19.2		—	14.9
HSPF IV(V)	Heating			11.0 (8.4)		9.8 (8.4)	—
HSPF2 IV(V)	Heating			NA3: 9.8 (7.8)		—	8.5(7.0)
COP	Heating			3.50		3.25	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	25			
Min. circuit ampacity			A	23.1			
Fan motor			F.L.A	2.43			
Compressor	Model			SNB220FQGMC			
	Winding resistance (at 68 °F)		Ω	U-V 0.95 V-W 0.95 W-U 0.95			
			R.L.A	12			
			L.R.A	13.7			
Refrigerant control				LEV			
Sound level			dB(A)	54/56			
Defrost method				Reverse cycle			
Dimensions	W		in.	37-13/32			
	D		in.	13			
	H		in.	31-11/32			
Weight			lb.	NA: 137 / NA2, NA3: 139			
Remote controller				Wireless type	Wired 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.	6lb. 13oz.			
Refrigeration oil (Model)			fl oz. (L)	23.7 (0.7) NA, NA2: (FV50S) / NA3: (FV50S/FW68S)			

NOTE: Test conditions are based on AHRI 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

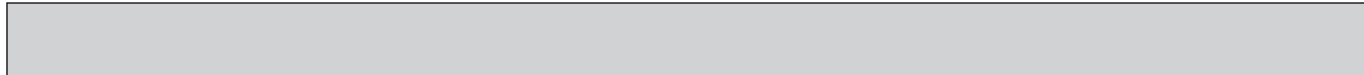


Item			Outdoor model	MXZ-4C36NA4		
			Indoor type	Non-Duct (09+09+09+09)	Duct(09+09+09+09)	Duct (18+18)
Capacity	Cooling	*1	Btu/h	35,400	34,400	33,400
	Heating	47 *1	Btu/h	36,000	34,400	34,400
	Heating	17 *2	Btu/h	26,600	26,600	26,000
Power consumption	Cooling	*1	W	3,760	3,940	3,840
	Heating	47 *1	W	3,010	3,090	3,090
	Heating	17 *2	W	3,440	3,540	3,540
EER	Cooling			9.40	8.70	—
EER2	Cooling			9.40	—	8.70
SEER	Cooling			19.20	16.00	—
SEER2	Cooling			19.20	—	16.00
HSPF IV(V)	Heating			11.00	9.80	—
HSPF2 IV(V)	Heating			9.80 (7.70)	—	8.50 (7.00)
COP	Heating			3.50	3.26	3.26
External finish			Munsell 3.0Y 7.8/1.1			
Power supply			V, phase, Hz	208/230, 1, 60		
Max. fuse size (time delay)			A	25		
Min. circuit ampacity			A	23.1		
Fan motor			F.L.A	2.43		
Compressor	Model			SNB220FCGMC		
	Winding resistance (at 68 °F)		Ω	U-V 0.95 V-W 0.95 W-U 0.95		
			R.L.A	12		
			L.R.A	13.7		
Refrigerant control			LEV			
Sound level			dB(A)	54/56		
Defrost method			Reverse cycle			
Dimensions	W		in.	37-13/32		
	D		in.	13		
	H		in.	31-11/32		
Weight			lb.	143		
Remote controller				Wireless type	Wired 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.	6lb. 13oz.		
Refrigeration oil (Model)			fl oz. (L)	23.7 (0.7) (FV50S/FW68S)		

NOTE: Test conditions are based on AHRI 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

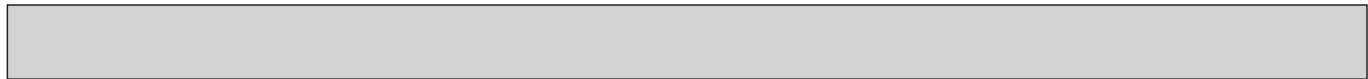


Item		Outdoor model	MXZ-5C42NA MXZ-5C42NA2 MXZ-5C42NA3	
		Indoor type	Non-Duct (06+09+09+09+09)	Duct (09+09+09+09+09)
Capacity	Cooling *1	Btu/h	40,500	NA, NA2: 37,500 / NA3: 37,400
	Heating 47 *1	Btu/h	45,000	41,000
	Heating 17 *2	Btu/h	30,500	29,100
Power consumption	Cooling *1	W	4,403	4,112
	Heating 47 *1	W	3,575	3,463
	Heating 17 *2	W	4,750	5,231
EER	Cooling		9.2	9.0
SEER	Cooling		19.7	15.2
HSPF IV(V)	Heating		10.3 (7.7)	9.1 (7.7)
COP	Heating		3.69	3.47
External finish			Munsell 3.0Y 7.8/1.1	
Power supply		V, phase, Hz	208/230, 1, 60	
Max. fuse size (time delay)		A	40	
Min. circuit ampacity		A	NA: 31.9 / NA2, NA3: 32.5	
Fan motor		F.L.A	NA: 1.9 / NA2, NA3: 2.43	
Compressor	Model		MNB33FBTMC-L	
	Winding resistance (at 68 °F)	Ω	U-V 0.30 V-W 0.30 W-U 0.30	
		R.L.A	20	
		L.R.A	28.8	
Refrigerant control			LEV	
Sound level		dB(A)	56/58	
Defrost method			Reverse cycle	
Dimensions	W	in.	37-13/32	
	D	in.	13	
	H	in.	41-11/32	
Weight		lb.	189	
Remote controller			Wireless type	Wired 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,E: 3/8	
Connection method	Indoor		Flared	
	Outdoor		Flared	
Refrigerant charge (R410A)		lb.	8 lb. 13 oz.	
Refrigeration oil (Model)		fl oz. (L)	37.2 (1.1) NA, NA2: (FV50S) / NA3: (FV50S/FVC68D)	

NOTE: Test conditions are based on AHRI 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

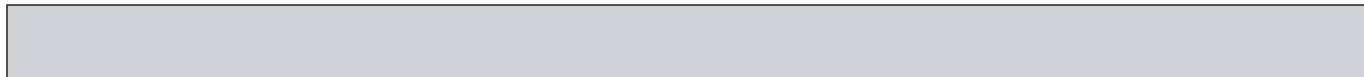


Item			Outdoor model	MXZ-5C42NA4		
			Indoor type	Non-Duct (06+09+09+09+09)	Duct(09+09+09+09+09)	Duct (24+24)
Capacity	Cooling	*1	Btu/h	40,500	37,400	36,400
	Heating 47	*1	Btu/h	45,000	41,000	41,000
	Heating 17	*2	Btu/h	30,500	29,100	29,100
Power consumption	Cooling	*1	W	4,403	4,112	4,045
	Heating 47	*1	W	3,575	3,463	4,520
	Heating 17	*2	W	4,750	5,231	5,231
EER	Cooling			9.2	9.0	—
EER2	Cooling			9.2	—	9.0
SEER	Cooling			19.7	15.2	—
SEER2	Cooling			19.7	—	15.2
HSPF IV(V)	Heating			10.3	9.1	—
HSPF2 IV(V)	Heating			9.2 (7.4)	—	8.3 (7.0)
COP	Heating			3.68	3.46	2.66
External finish			Munsell 3.0Y 7.8/1.1			
Power supply			V, phase, Hz	208/230, 1, 60		
Max. fuse size (time delay)			A	40		
Min. circuit ampacity			A	32.5		
Fan motor			F.L.A	2.43		
Compressor	Model		MNB33FBTMC-L			
	Winding resistance (at 68 °F)		Ω	U-V 0.30 V-W 0.30 W-U 0.30		
			R.L.A	20		
			L.R.A	28.8		
Refrigerant control			LEV			
Sound level			dB(A)	56/58		
Defrost method			Reverse cycle			
Dimensions	W		in.	37-13/32		
	D		in.	13		
	H		in.	41-11/32		
Weight			lb.	189		
Remote controller				Wireless type	Wired 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,E: 3/8		
Connection method	Indoor			Flared		
	Outdoor			Flared		
Refrigerant charge (R410A)			lb.	8 lb. 13 oz.		
Refrigeration oil (Model)			fl oz. (L)	37.2 (1.1) (FV50S)		

NOTE: Test conditions are based on AHRI 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

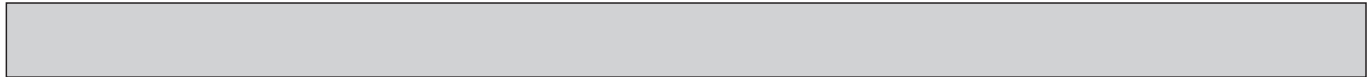


Item		Outdoor model	MXZ-2C20NAHZ MXZ-2C20NAHZ2 MXZ-2C20NAHZ3	
		Indoor type	Non-Duct (09+09)	Duct (09+12)
Capacity	Cooling *1	Btu/h	18,000	20,000
	Heating 47 *1	Btu/h	22,000	22,000
	Heating 17 *2	Btu/h	22,000	22,000
Power consumption	Cooling *1	W	1,334	1,819
	Heating 47 *1	W	1,612	1,750
	Heating 17 *2	W	3,071	3,224
EER	Cooling		13.5	11.0
SEER	Cooling		17.0	15.0
HSPF IV(V)	Heating		10.0 (7.8)	9.5 (7.8)
COP	Heating		4.00	3.69
External finish			Munsell 3.0Y 7.8/1.1	
Power supply		V, phase, Hz	208/230, 1, 60	
Max. fuse size (time delay)		A	40	
Min. circuit ampacity		A	NA: 28.9 / NA2, NA3: 29.5	
Fan motor		F.L.A	NA: 1.9 / NA2, NA3: 2.43	
Compressor	Model		MNB33FBTMC-L	
	Winding resistance (at 68 °F)	Ω	U-V 0.30 V-W 0.30 W-U 0.30	
		R.L.A	20	
		L.R.A	28.8	
Refrigerant control			LEV	
Sound level		dB(A)	54/58	
Defrost method			Reverse cycle	
Dimensions	W	in.	37-13/32	
	D	in.	13	
	H	in.	41-11/32	
Weight		lb.	187	
Remote controller			Wireless type	Wired 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.	8 lb. 13 oz.	
Refrigeration oil (Model)		fl oz. (L)	37.2 (1.1) NA, NA2: (FV50S) / NA3: (FV50S/FVC68D)	

NOTE: Test conditions are based on AHRI 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

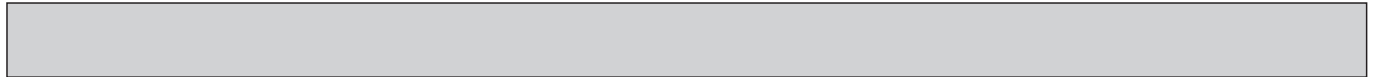


Item			Outdoor model	MXZ-2C20NAHZ4		
			Indoor type	Non-Duct (09+09)	Duct(09+12)	Duct (12+12)
Capacity	Cooling	*1	Btu/h	18,000	20,000	20,000
	Heating	47 *1	Btu/h	22,000	22,000	22,000
	Heating	17 *2	Btu/h	22,000	22,000	22,000
Power consumption	Cooling	*1	W	1,334	1,819	1,819
	Heating	47 *1	W	1,612	1,750	1,750
	Heating	17 *2	W	3,071	3,224	3,545
EER	Cooling			13.5	11.0	—
EER2	Cooling			13.5	—	11.0
SEER	Cooling			17.0	15.0	—
SEER2	Cooling			17.0	—	14.3
HSPF IV(V)	Heating			10.0	9.5	—
HSPF2 IV(V)	Heating			10.0 (8.6)	—	7.9 (6.6)
COP	Heating			4.00	3.68	3.68
External finish			Munsell 3.0Y 7.8/1.1			
Power supply			V, phase, Hz	208/230, 1, 60		
Max. fuse size (time delay)			A	40		
Min. circuit ampacity			A	26.9		
Fan motor			F.L.A	2.43		
Compressor	Model			MNB33FBTMC-L		
	Winding resistance (at 68 °F)		Ω	U-V 0.30 V-W 0.30 W-U 0.30		
			R.L.A	17.1		
			L.R.A	28.8		
Refrigerant control			LEV			
Sound level			dB(A)	54/58		
Defrost method			Reverse cycle			
Dimensions	W		in.	37-13/32		
	D		in.	13		
	H		in.	41-11/32		
Weight			lb.	187		
Remote controller				Wireless type	Wired 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.	8 lb. 13 oz.		
Refrigeration oil (Model)			fl oz. (L)	37.2 (1.1) (FV50S)		

NOTE: Test conditions are based on AHRI 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-3C24NAHZ MXZ-3C24NAHZ2 MXZ-3C24NAHZ3	
		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	25,000	24,600
Power consumption	Cooling *1	W	1,630	2,360
	Heating 47 *1	W	1,725	1,871
	Heating 17 *2	W	3,557	3,795
EER	Cooling		13.5	10.0
SEER	Cooling		19.0	15.5
HSPF IV(V)	Heating		10.0 (7.4)	9.0 (7.4)
COP	Heating		4.25	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	40	
Min. circuit ampacity		A	NA: 29.9 / NA2, NA3: 30.5	
Fan motor		F.L.A	NA: 1.9 / NA2, NA3: 2.43	
Compressor	Model		MNB33FBTMC-L	
	Winding resistance (at 68 °F)	Ω	U-V 0.30 V-W 0.30 W-U 0.30	
		R.L.A	20	
		L.R.A	28.8	
Refrigerant control			LEV	
Sound level		dB(A)	54/58	
Defrost method			Reverse cycle	
Dimensions	W	in.	37-13/32	
	D	in.	13	
	H	in.	41-11/32	
		lb.	189	
Weight				
Remote controller			Wireless type	Wired 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.	8 lb. 13 oz.	
Refrigeration oil (Model)		fl oz. (L)	37.2 (1.1) NA, NA2: (FV50S) / NA3: (FV50S/FVC68D)	

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

Unit: °F

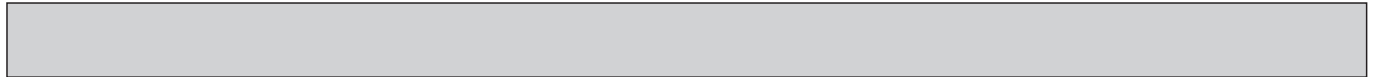
Mode	Test	Indoor air condition		Outdoor air condition	
		Dry bulb	Wet bulb	Dry bulb	Wet bulb
Cooling	*1: "A" Cooling steady state at rated compressor speed	80	67	95	(75)
	"B-2" Cooling steady state at rated compressor speed	80	67	82	(65)
	"B-1" Cooling steady state at minimum compressor speed	80	67	82	(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-3C24NAHZ4		
		Indoor type	Non-Duct (06+06+09)	Duct(09+09+09)	Duct (12+12)	
Capacity	Cooling *1	Btu/h	22,000	23,600		23,600
	Heating 47 *1	Btu/h	25,000	24,600		24,600
	Heating 17 *2	Btu/h	25,000	24,600		24,600
Power consumption	Cooling *1	W	1,630	2,360		2,360
	Heating 47 *1	W	1,725	1,871		1,950
	Heating 17 *2	W	3,557	3,795		3,795
EER	Cooling		13.5	10.0		—
EER2	Cooling		13.5	—		10.0
SEER	Cooling		19.0	15.5		—
SEER2	Cooling		19.0	—		14.4
HSPF IV(V)	Heating		10.0	9.0		—
HSPF2 IV(V)	Heating		10.0 (8.2)	—		7.9 (6.6)
COP	Heating		4.24	3.80		3.70
External finish			Munsell 3.0Y 7.8/1.1			
Power supply		V, phase, Hz	208/230, 1, 60			
Max. fuse size (time delay)		A	40			
Min. circuit ampacity		A	31.5			
Fan motor		F.L.A	2.43			
Compressor	Model	MNB33FBTMC-L				
	Winding resistance (at 68 °F)	Ω	U-V 0.30 V-W 0.30 W-U 0.30			
		R.L.A	19.2			
		L.R.A	28.8			
Refrigerant control			LEV			
Sound level			dB(A)	54/58		
Defrost method			Reverse cycle			
Dimensions	W	in.	37-13/32			
	D	in.	13			
	H	in.	41-11/32			
Weight			lb.	189		
Remote controller			Wireless type	Wired 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.	8 lb. 13 oz.		
Refrigeration oil (Model)			fl oz. (L)	37.2 (1.1) (FV50S)		

NOTE: Test conditions are based on AHRI 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

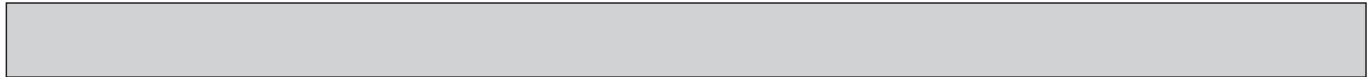


Item		Outdoor model	MXZ-3C30NAHZ MXZ-3C30NAHZ2 MXZ-3C30NAHZ3	
		Indoor type	Non-Duct (09+09+12)	Duct (09+09+12)
Capacity	Cooling *1	Btu/h	28,400	27,400
	Heating 47 *1	Btu/h	28,600	27,600
	Heating 17 *2	Btu/h	28,600	27,600
Power consumption	Cooling *1	W	2,272	2,661
	Heating 47 *1	W	2,096	2,187
	Heating 17 *2	W	4,192	4,258
EER	Cooling		12.5	10.3
SEER	Cooling		18.0	16.0
HSPF IV(V)	Heating		11.0 (8.5)	9.8 (7.7)
COP	Heating		4.00	3.70
External finish			Munsell 3.0Y 7.8/1.1	
Power supply		V, phase, Hz	208/230, 1, 60	
Max. fuse size (time delay)		A	40	
Min. circuit ampacity		A	NA: 29.9 / NA2, NA3: 30.5	
Fan motor		F.L.A	NA: 1.9 / NA2, NA3: 2.43	
Compressor	Model		MNB33FBTMC-L	
	Winding resistance (at 68 °F)	Ω	U-V 0.30 V-W 0.30 W-U 0.30	
		R.L.A	20	
		L.R.A	28.8	
Refrigerant control			LEV	
Sound level		dB(A)	54/58	
Defrost method			Reverse cycle	
Dimensions	W	in.	37-13/32	
	D	in.	13	
	H	in.	41-11/32	
		lb.	189	
Weight				
Remote controller			Wireless type	Wired 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.	8 lb. 13 oz.	
Refrigeration oil (Model)		fl oz. (L)	37.2 (1.1) NA, NA2: (FV50S) / NA3: (FV50S/FVC68D)	

NOTE: Test conditions are based on AHRI 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-3C30NAHZ4		
			Indoor type	Non-Duct (09+09+12)	Duct(09+09+12)	Duct (18+18)
Capacity	Cooling	*1	Btu/h	28,400	27,400	27,400
	Heating	47 *1	Btu/h	28,600	27,600	27,600
	Heating	17 *2	Btu/h	28,600	27,600	27,600
Power consumption	Cooling	*1	W	2,272	2,661	2,660
	Heating	47 *1	W	2,096	2,187	2,280
	Heating	17 *2	W	4,192	4,258	4,258
EER	Cooling			12.5	10.3	—
EER2	Cooling			12.5	—	10.3
SEER	Cooling			18.0	16.0	—
SEER2	Cooling			18.0	—	16.0
HSPF IV(V)	Heating			11.0	9.8	—
HSPF2 IV(V)	Heating			10.0 (7.9)	—	8.5 (7.0)
COP	Heating			4.00	3.70	3.55
External finish			Munsell 3.0Y 7.8/1.1			
Power supply			V, phase, Hz	208/230, 1, 60		
Max. fuse size (time delay)			A	40		
Min. circuit ampacity			A	31.5		
Fan motor			F.L.A	2.43		
Compressor	Model		MNB33FBTMC-L			
	Winding resistance (at 68 °F)		Ω	U-V 0.30 V-W 0.30 W-U 0.30		
			R.L.A	19.2		
			L.R.A	28.8		
Refrigerant control			LEV			
Sound level			dB(A)	54/58		
Defrost method			Reverse cycle			
Dimensions	W		in.	37-13/32		
	D		in.	13		
	H		in.	41-11/32		
Weight			lb.	189		
Remote controller				Wireless type	Wired 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.	8 lb. 13 oz.		
Refrigeration oil (Model)			fl oz. (L)	37.2 (1.1) (FV50S)		

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Unit: °F

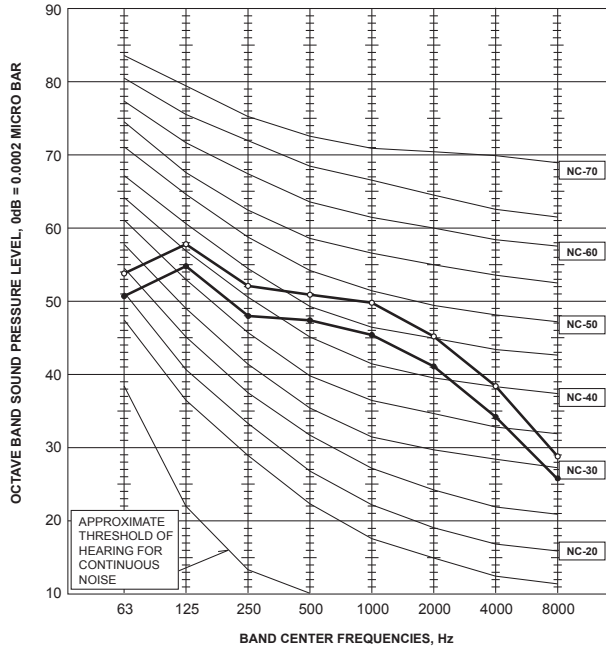
Mode	Test	Indoor air condition		Outdoor air condition	
		Dry bulb	Wet bulb	Dry bulb	Wet bulb
Cooling	*1: "A" Cooling steady state at rated compressor speed	80	67	95	(75)
	"B-2" Cooling steady state at rated compressor speed	80	67	82	(65)
	"B-1" Cooling steady state at minimum compressor speed	80	67	82	(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

5

NOISE CRITERIA CURVES

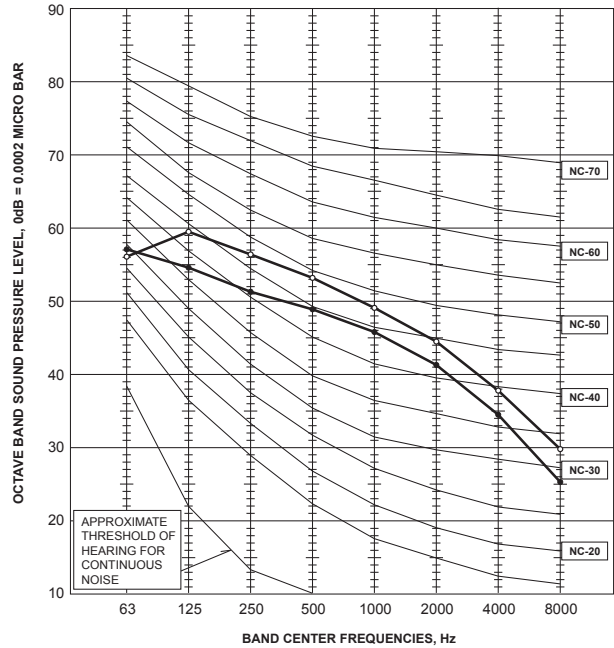
MXZ-2C20NA2
MXZ-2C20NA3
MXZ-2C20NA4

FAN SPEED	FUNCTION	SPL(dB(A))	LINE
High	Cooling	50	●—●
High	Heating	54	○—○



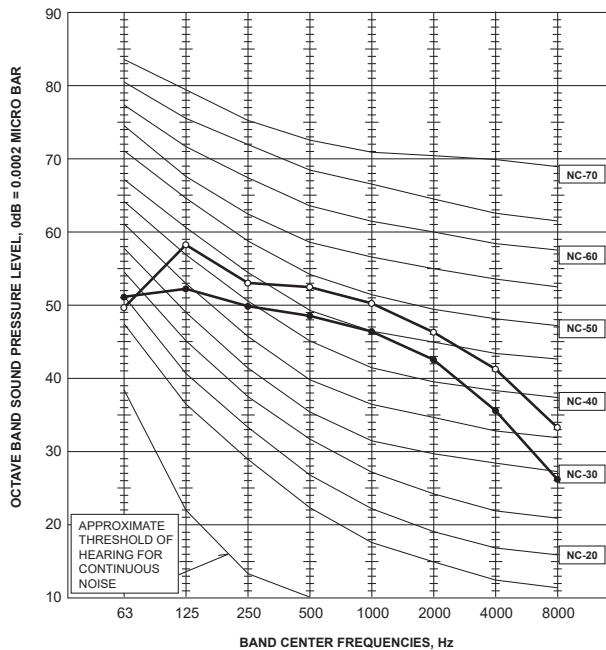
MXZ-3C24NA
MXZ-3C24NA2
MXZ-3C24NA3

FAN SPEED	FUNCTION	SPL(dB(A))	LINE
High	Cooling	51	●—●
High	Heating	55	○—○



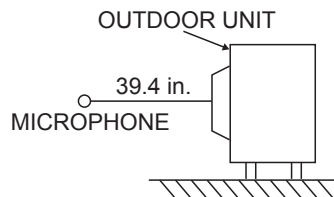
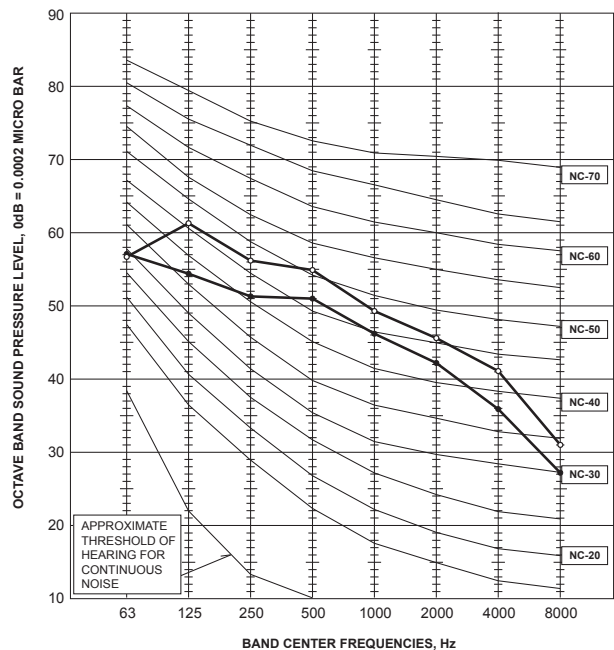
MXZ-3C24NA4

FAN SPEED	FUNCTION	SPL(dB(A))	LINE
High	Cooling	51	●—●
High	Heating	55	○—○



MXZ-3C30NA
MXZ-3C30NA2
MXZ-3C30NA3

FAN SPEED	FUNCTION	SPL(dB(A))	LINE
High	Cooling	52	●—●
High	Heating	56	○—○



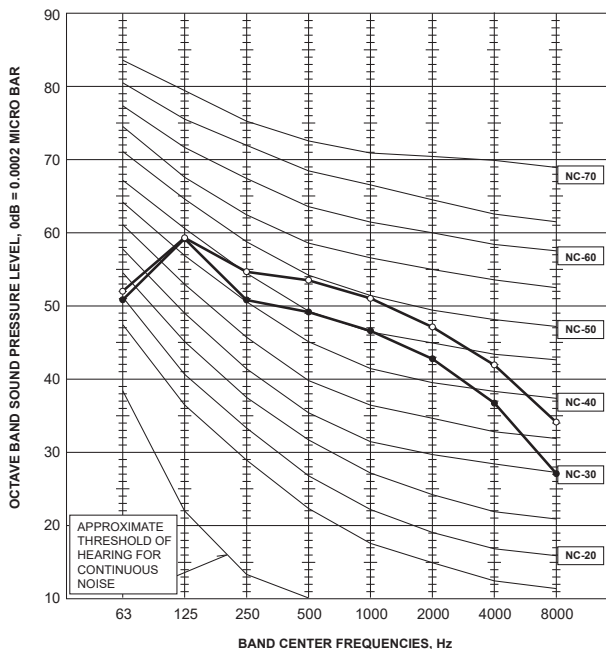
Test conditions

Cooling: Dry-bulb temperature 95°F Wet-bulb temperature 75°F
 Heating: Dry-bulb temperature 45°F Wet-bulb temperature 43°F

OBH702R

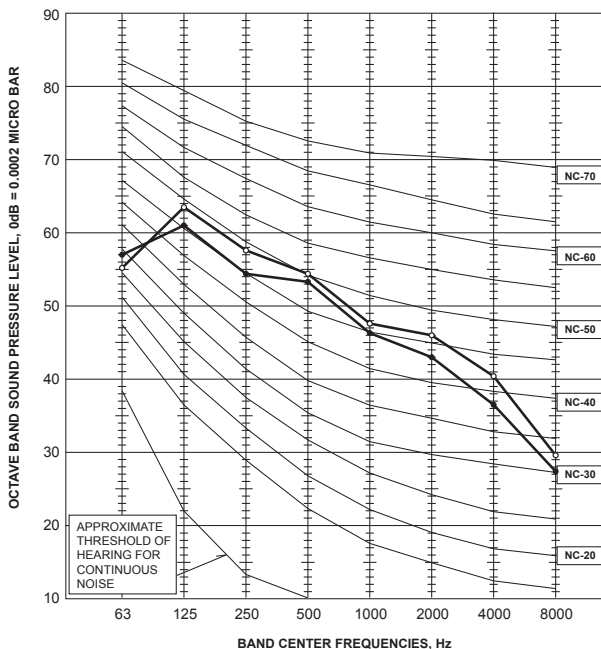
MXZ-3C30NA4

FAN SPEED	FUNCTION	SPL(dB(A))	LINE
High	Cooling	52	●—●
High	Heating	56	○—○



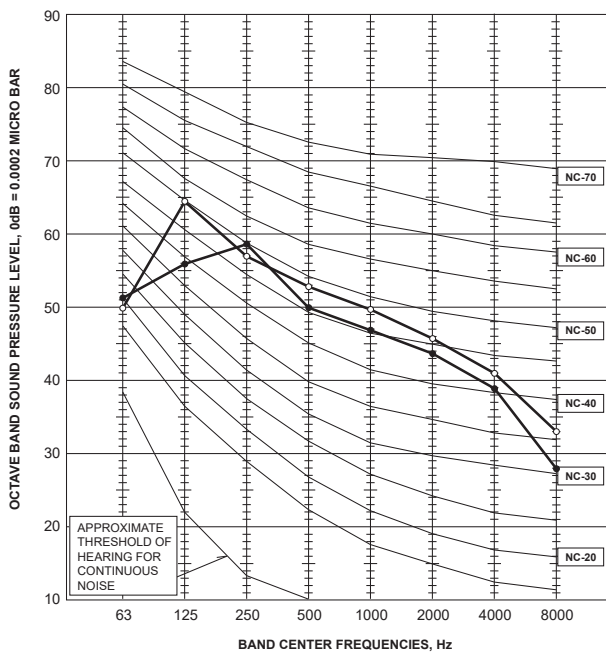
MXZ-4C36NA MXZ-4C36NA2 MXZ-4C36NA3

FAN SPEED	FUNCTION	SPL(dB(A))	LINE
High	Cooling	54	●—●
High	Heating	56	○—○



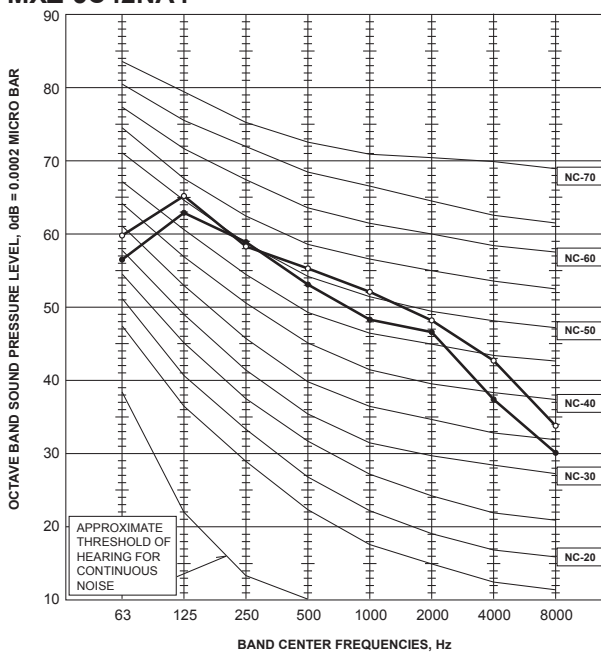
MXZ-4C36NA4

FAN SPEED	FUNCTION	SPL(dB(A))	LINE
High	Cooling	54	●—●
High	Heating	56	○—○



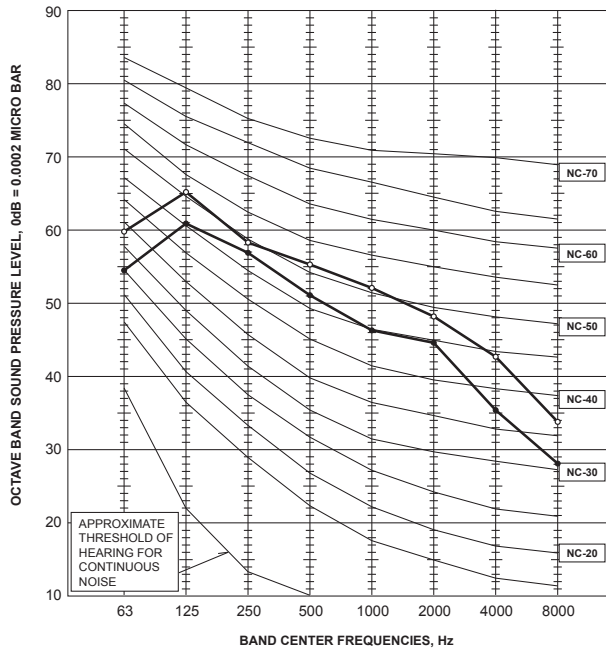
MXZ-5C42NA MXZ-5C42NA2 MXZ-5C42NA3 MXZ-5C42NA4

FAN SPEED	FUNCTION	SPL(dB(A))	LINE
High	Cooling	56	●—●
High	Heating	58	○—○



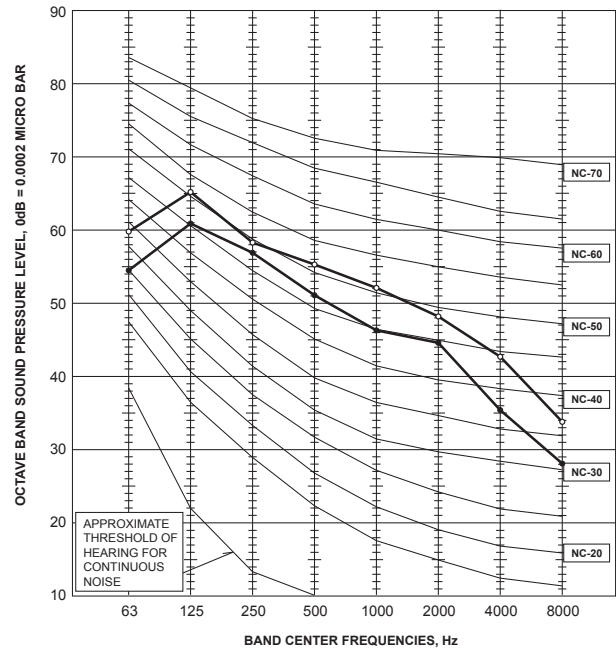
MXZ-2C20NAHZ
MXZ-2C20NAHZ2
MXZ-2C20NAHZ3
MXZ-2C20NAHZ4

FAN SPEED	FUNCTION	SPL(dB(A))	LINE
High	Cooling	54	●—●
High	Heating	58	○—○



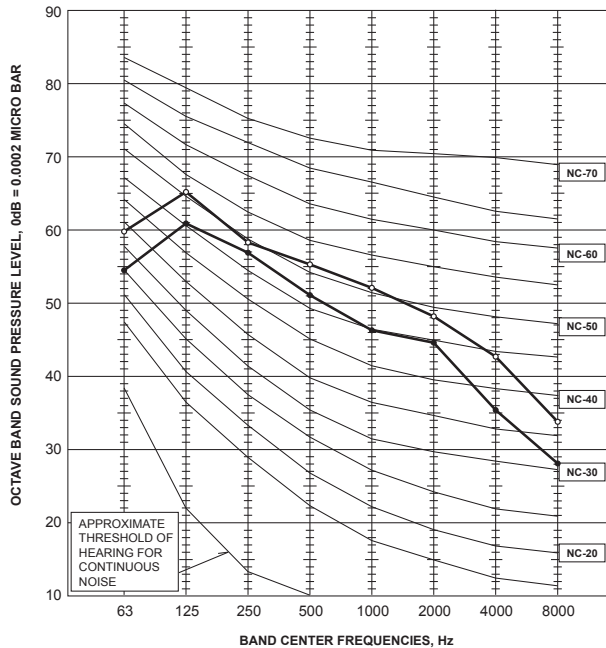
MXZ-3C24NAHZ
MXZ-3C24NAHZ2
MXZ-3C24NAHZ3
MXZ-3C24NAHZ4

FAN SPEED	FUNCTION	SPL(dB(A))	LINE
High	Cooling	54	●—●
High	Heating	58	○—○



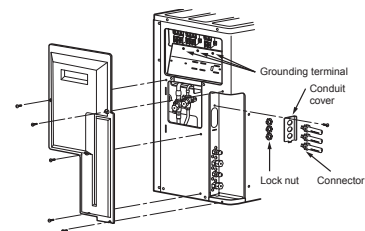
MXZ-3C30NAHZ
MXZ-3C30NAHZ2
MXZ-3C30NAHZ3
MXZ-3C30NAHZ4

FAN SPEED	FUNCTION	SPL(dB(A))	LINE
High	Cooling	54	●—●
High	Heating	58	○—○



OUTLINES AND DIMENSIONS

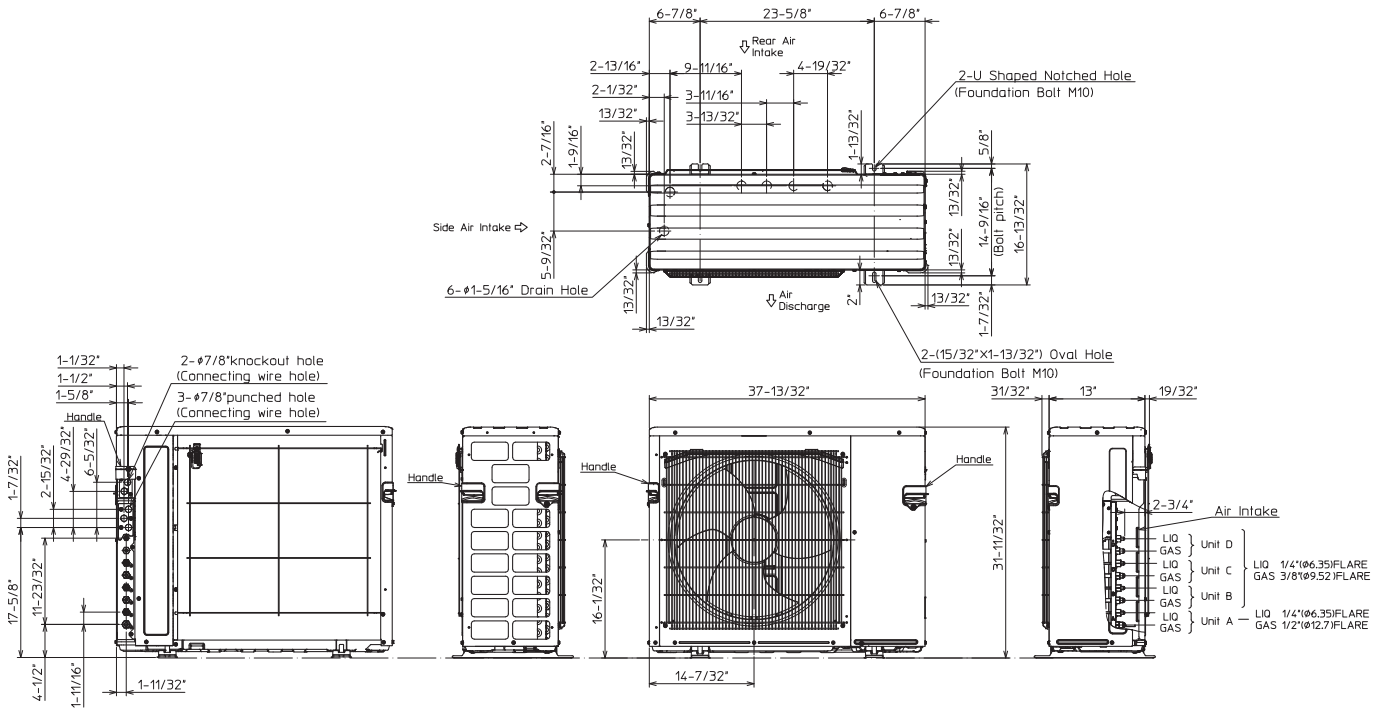
Unit: inch (mm)



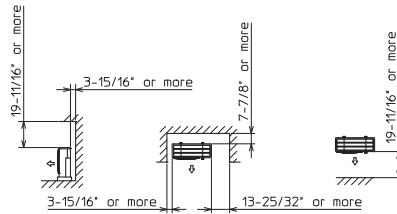
Unit: inch (mm)

MXZ-4C36NA MXZ-4C36NA2 MXZ-4C36NA3 MXZ-4C36NA4

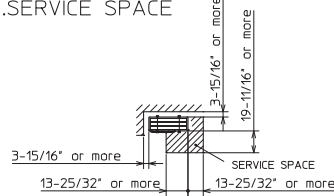
Unit: inch (mm)



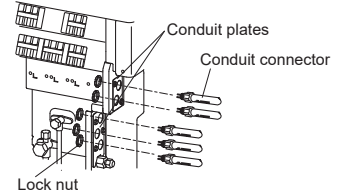
1.FREE SPACE



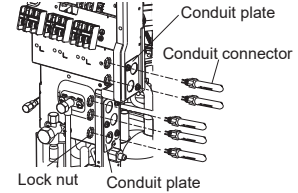
2.SERVICE SPACE



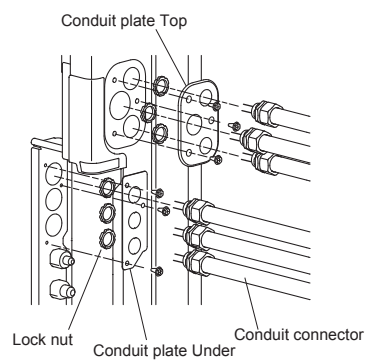
(NA, NA2, NA3)



(NA4)

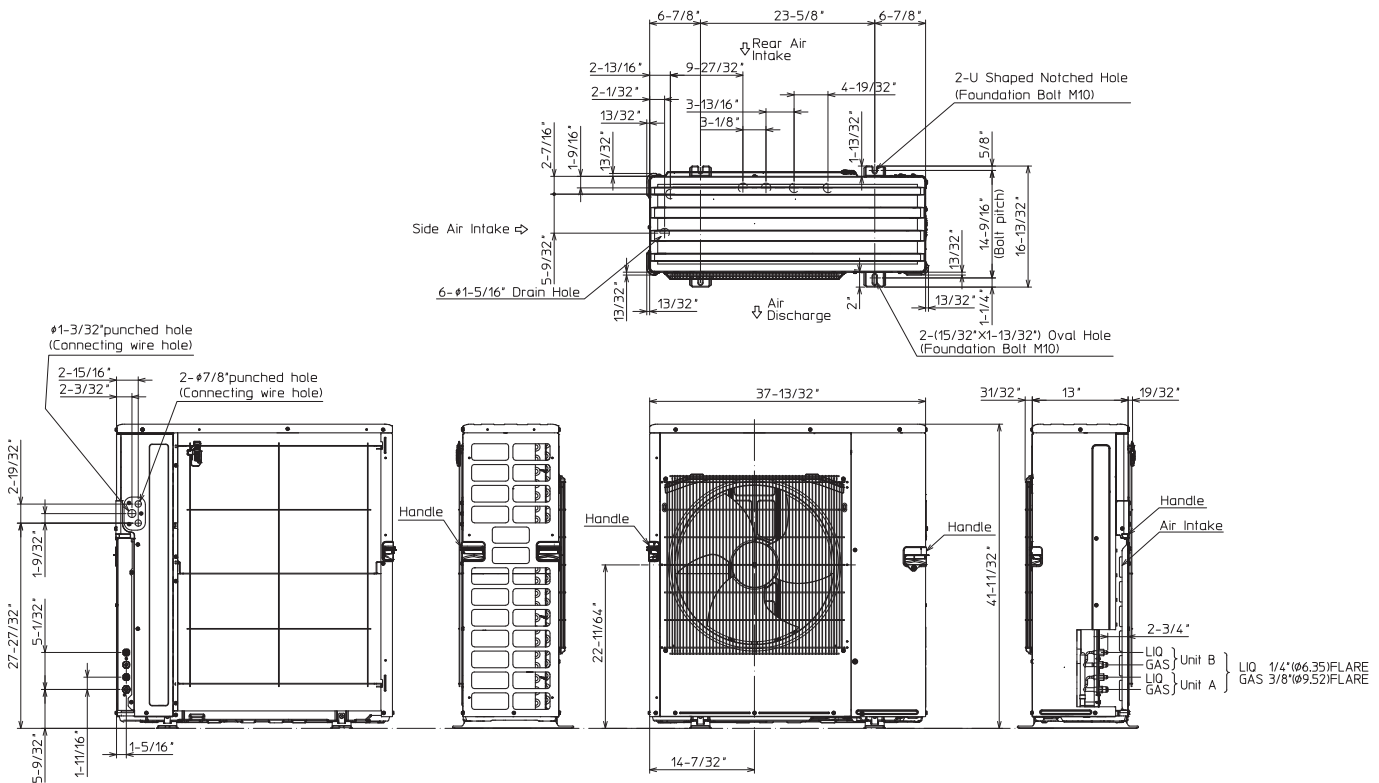


Unit: inch (mm)

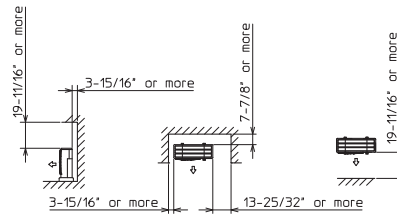


MXZ-2C20NAHZ MXZ-2C20NAHZ2 MXZ-2C20NAHZ3 MXZ-2C20NAHZ4

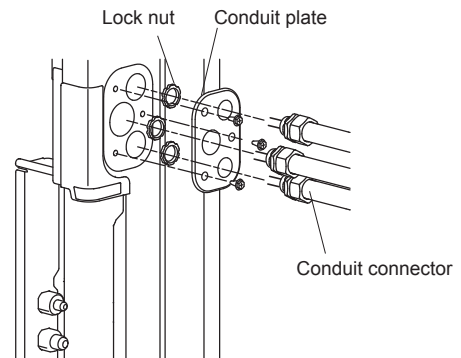
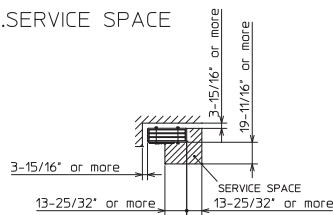
Unit: inch (mm)



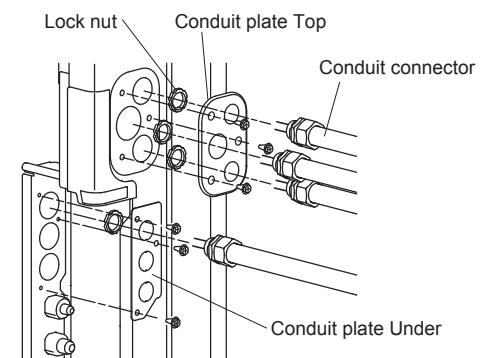
1.FREE SPACE



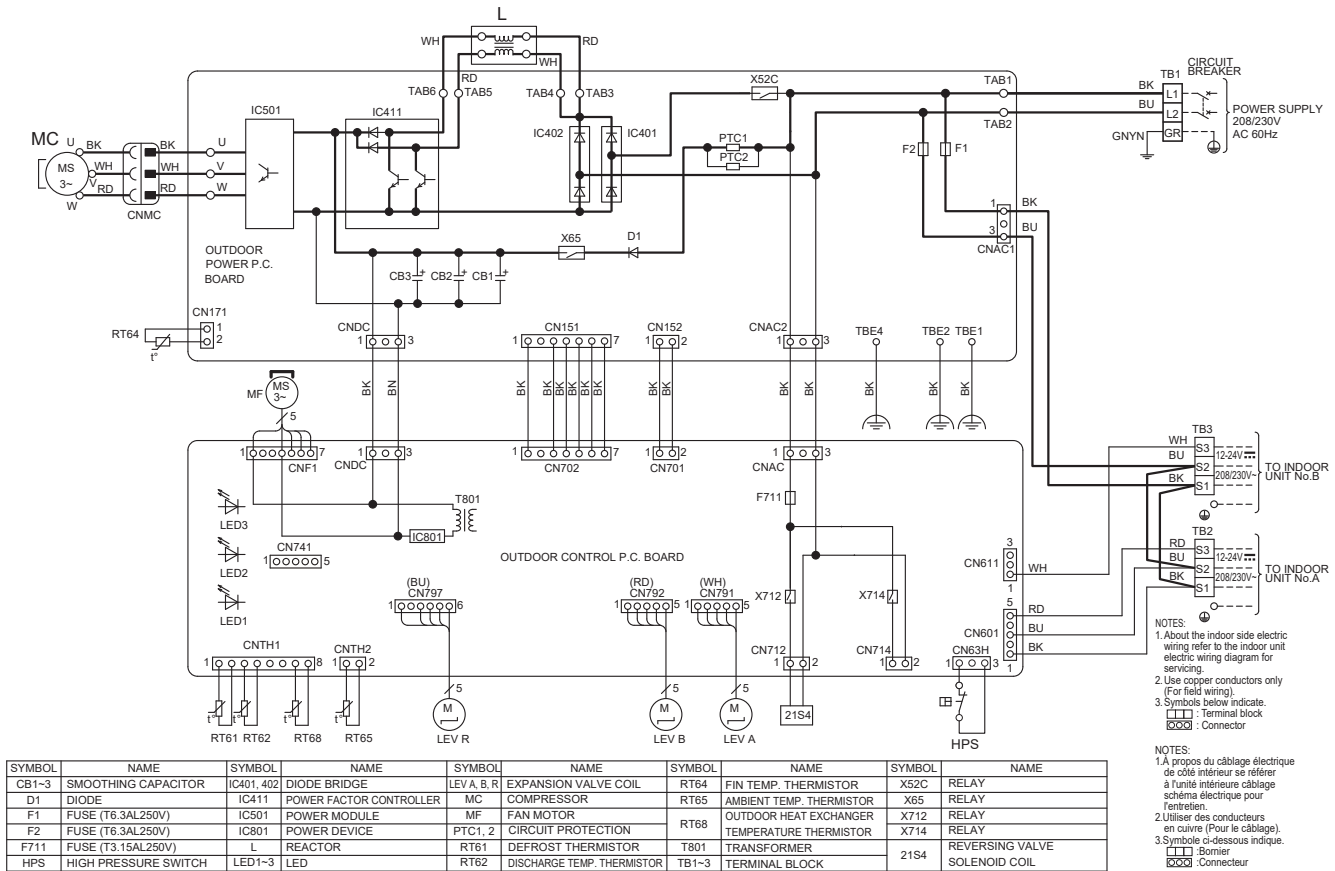
2.SERVICE SPACE



Unit: inch (mm)



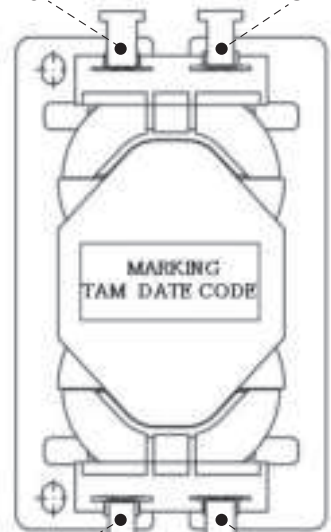
MXZ-2C20NA2



[Connection between reactor and outdoor power P.C. board]

* There are 2 types of reactors, which may have a number display.
Even if there is a number display, please wire as shown in the figure below.

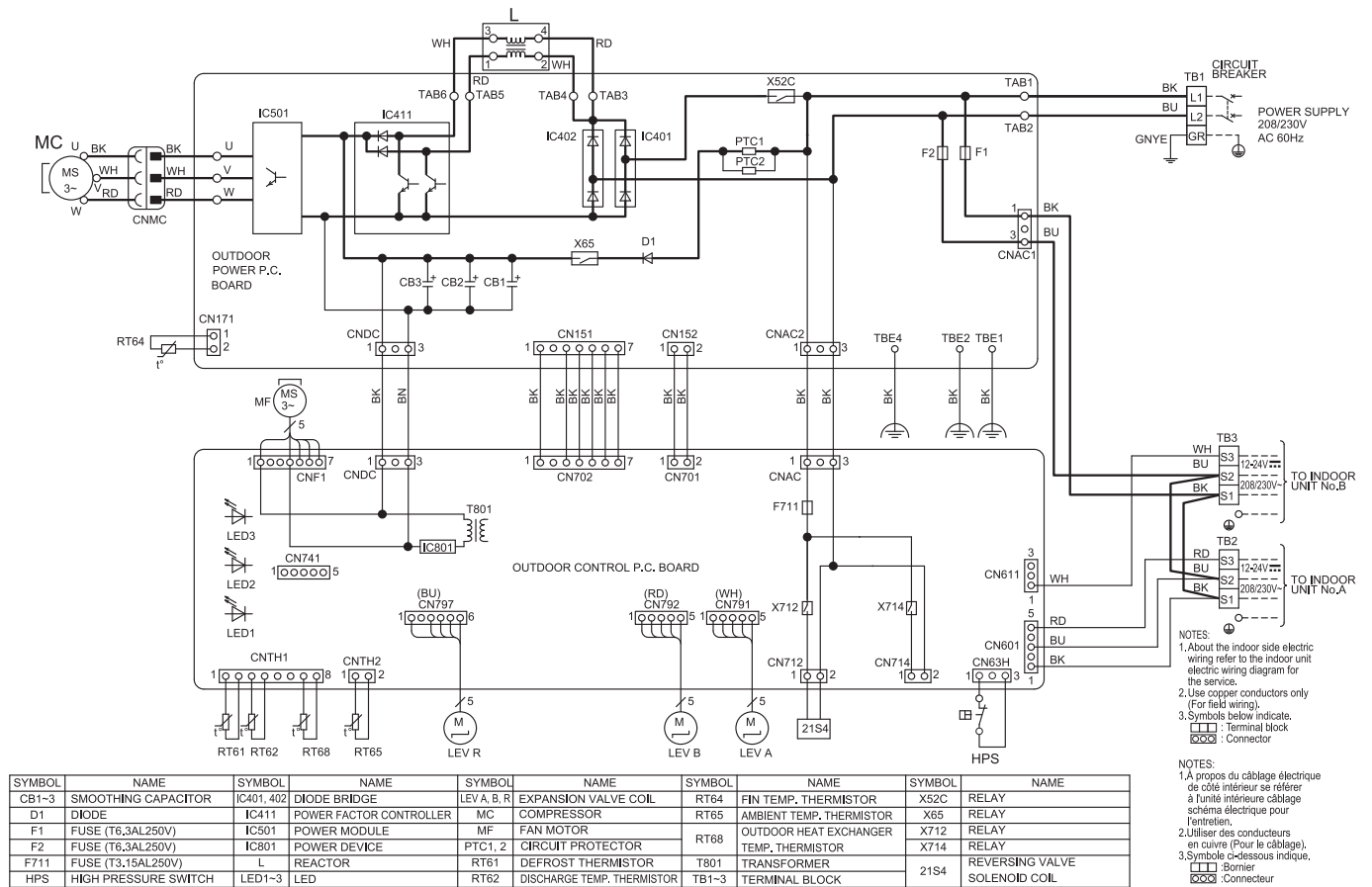
Connect to TAB3 Connect to TAB6



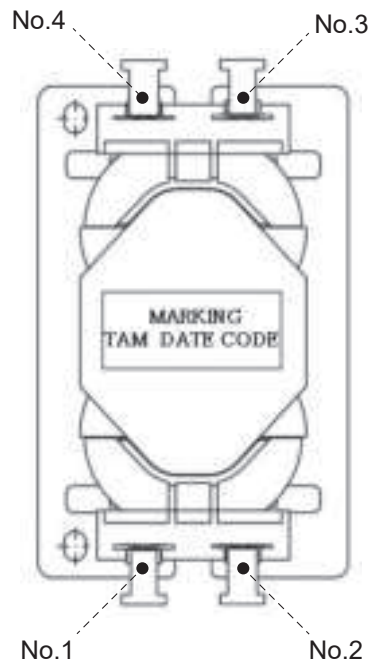
Connect to TAB5

Connect to TAB4

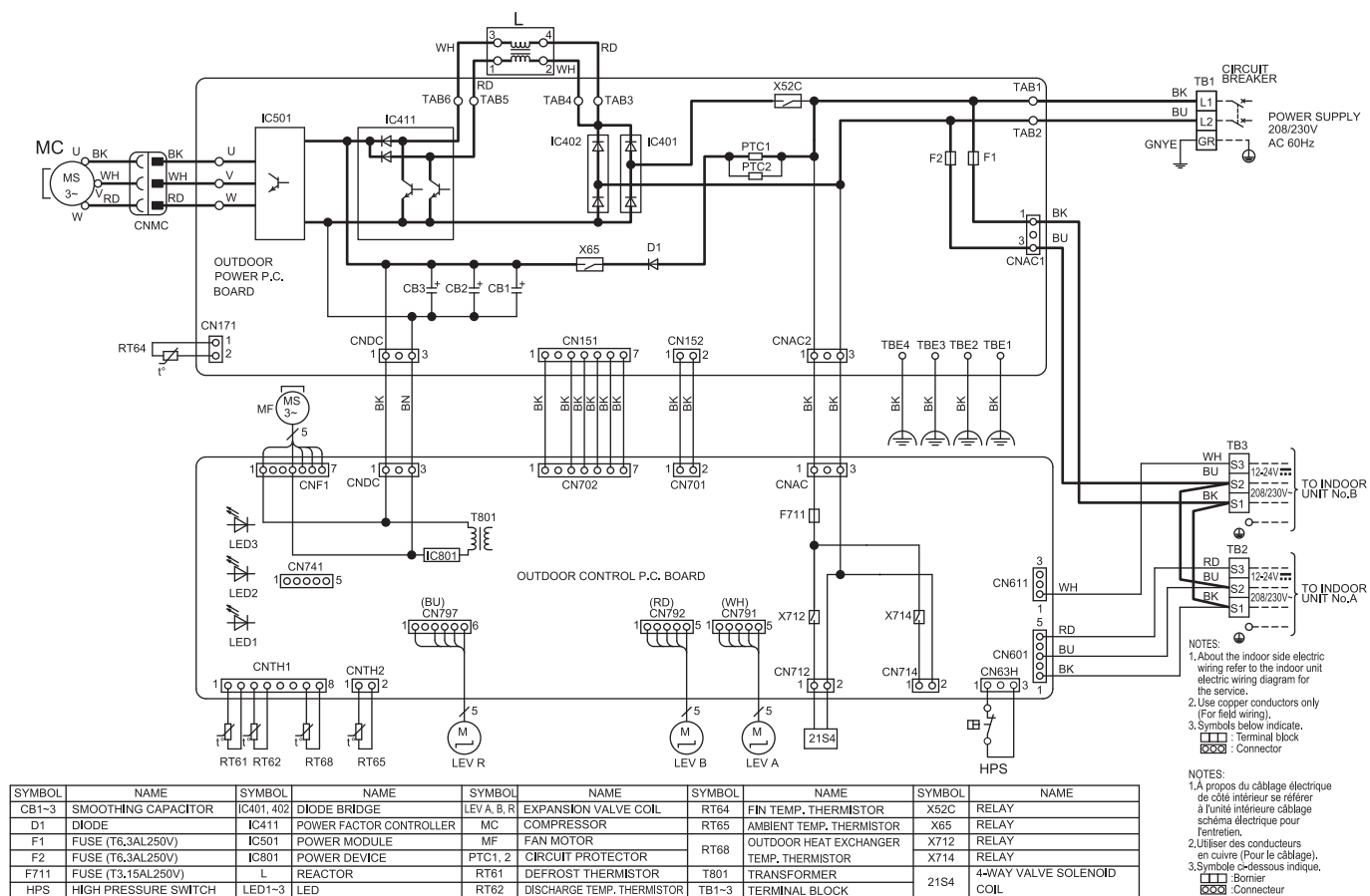
MXZ-2C20NA3



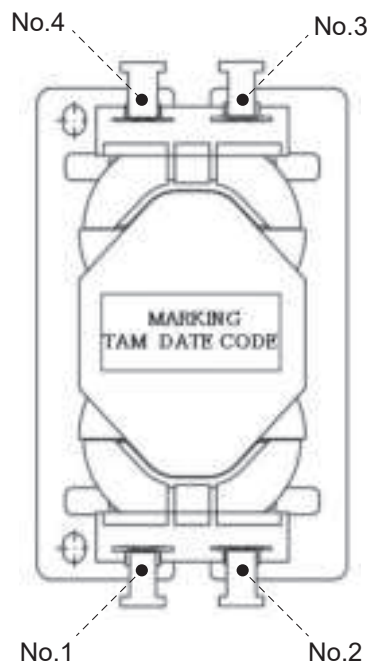
[If the reactor does not have a number display, refer to the figure below.]



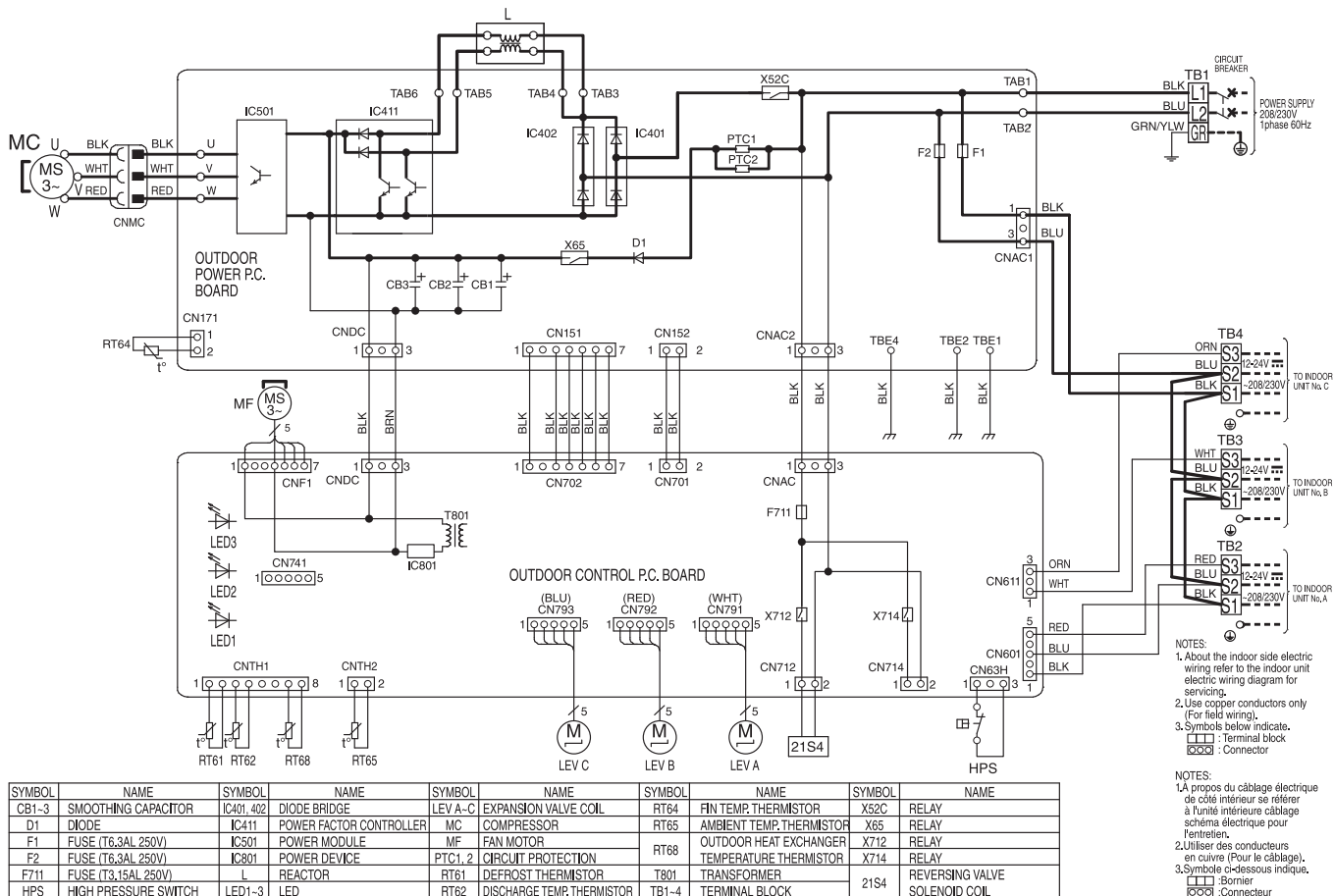
MXZ-2C20NA4



[If the reactor does not have a number display, refer to the figure below.]

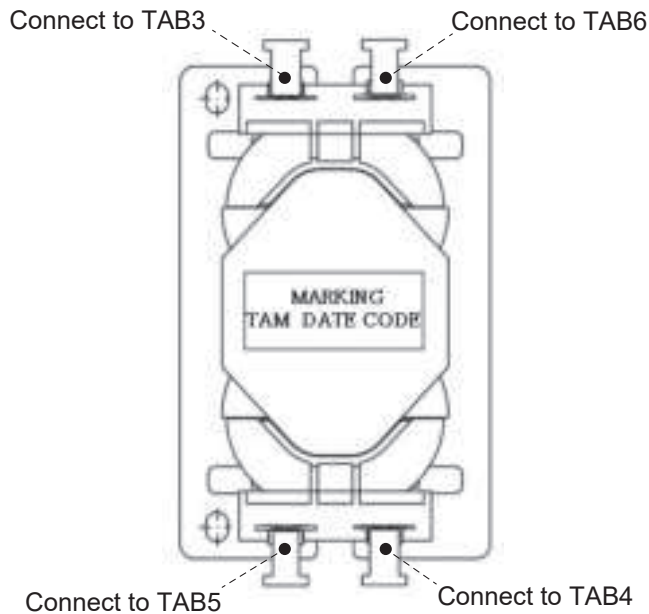


MXZ-3C24NA
MXZ-3C30NA

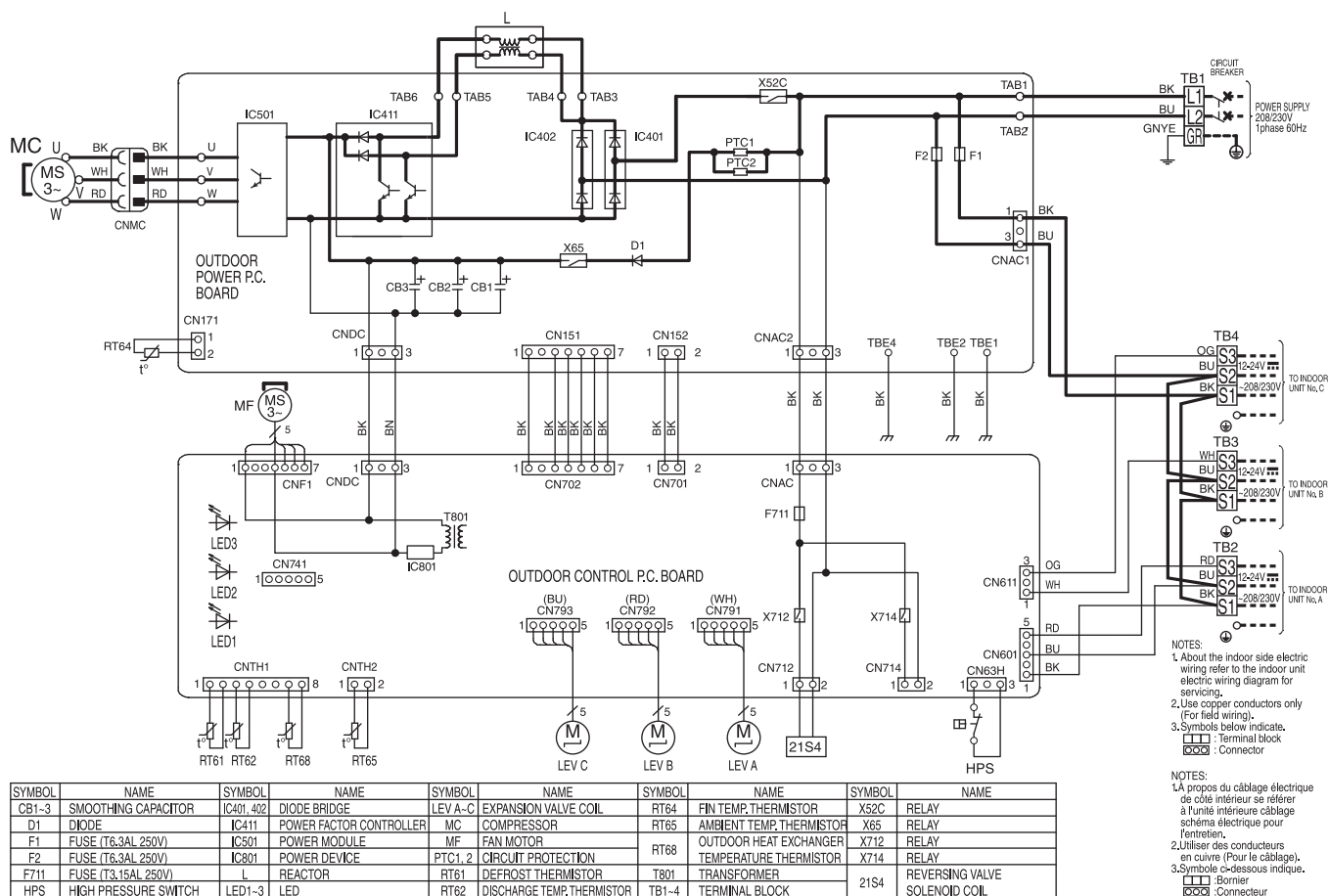


[Connection between reactor and outdoor power P.C. board]

* There are 2 types of reactors, which may have a number display.
Even if there is a number display, please wire as shown in the figure below.



MXZ-3C24NA2 MXZ-3C30NA2



[Connection between reactor and outdoor power P.C. board]

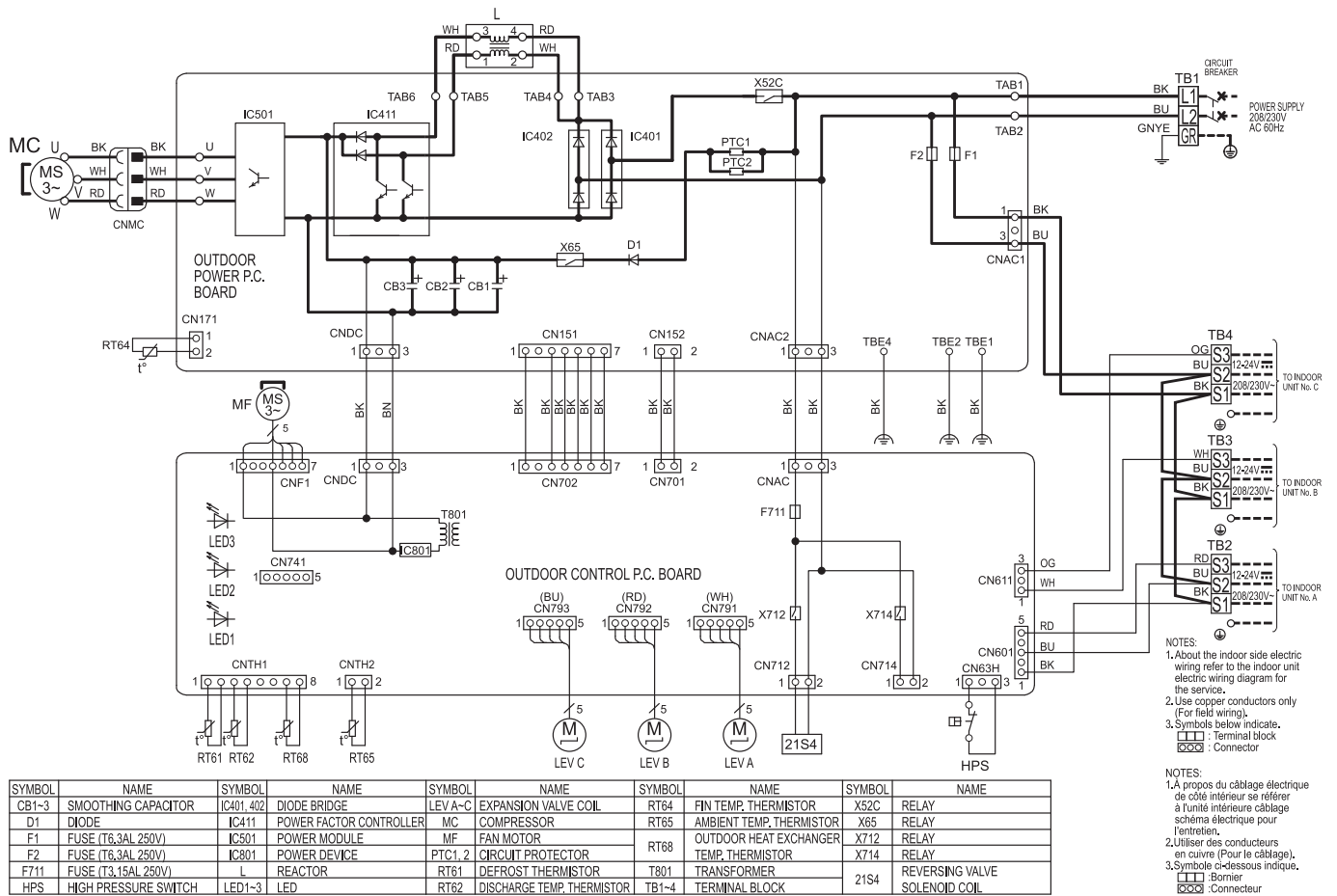
* There are 2 types of reactors, which may have a number display.
Even if there is a number display, please wire as shown in the figure below.

Connect to TAB3 Connect to TAB6



Connect to TAB5 Connect to TAB4

MXZ-3C24NA3 **MXZ-3C30NA3**



[If the reactor does not have a number display, refer to the figure below.]

