

SUBMITTAL DATA: MXZ-3A30NA
MULTI-INDOOR INVERTER HEAT-PUMP SYSTEM

Job Name:	Location:	Date:
Purchaser:	Engineer:	
Submitted to:	For ☐ Reference ☐ Approval ☐ Construction	
Unit Designation:	Schedule No.:	

GENERAL FEATURES

- Compact side discharge outdoor unit
- Wireless or wired remote controller, depending on the indoor units used
- Quiet operation—both indoor and outdoor units
- Automatic fan speed control
- Auto restart following a power outage
- Self-check function—integrated diagnostics
- Advanced microprocessor control
- Limited warranty: five years on parts and defects and seven years on compressors



Outdoor Unit: MXZ-3A30NA

OPTIONAL OUTDOOR UNIT ACCESSORY

- Air Outlet Guide (MAC-855SG)

Cooling*

Rated Capacity (Non-ducted/Ducted) . . . 28,400 Btu/h / 27,400 Btu/h
Minimum Capacity (Non-ducted/Ducted) . . 12,600 Btu/h / 12,600 Btu/h
Total Input (Non-ducted/Ducted) 3,250 W / 3,300 W

Heating at 47°F*

Rated Capacity (Non-ducted/Ducted) . . . 28,600 Btu/h / 27,600 Btu/h
Minimum Capacity (Non-ducted/Ducted) . . 11,400 Btu/h / 11,400 Btu/h
Total Input (Non-ducted/Ducted) 2,180 W / 2,220 W

Heating at 17°F*

Rated Capacity (Non-ducted/Ducted) . . . 16,000 Btu/h / 15,100 Btu/h
Total Input (Non-ducted/Ducted) 1,690 W / 1,590 W

* Rating Conditions (Cooling) - Indoor: 80°F (27°C) DB / 67°F (19°C) WB.

Outdoor: 95°F (35°C) DB / 75°F (24°C) WB.

(Heating) - Indoor: 70°F (21°C) DB / 60°F (16°C) WB. Outdoor: 47°F (8°C) DB / 43°F (6°C) WB.

(Heating at 17°F) - Indoor: 70°F (21°C) DB / 60°F (16°C) WB. Outdoor: 17°F (-8°C) DB / 15°F (-9°C) WB.

(For data on specific indoor units [all ducted, all non-ducted, and both ducted and non-ducted] combinations, see the MXZ Technical and Service Manual.)

Electrical Requirements

Power Supply 208 / 230V, 1-Phase, 60 Hz
Breaker Size 20 A
MCA 15 A

Voltage

Indoor - Outdoor S1-S2 AC 208 / 230V
Indoor - Outdoor S2-S3 DC 12 - 24V

OPERATING RANGE

		Indoor Intake Air Temp.	Outdoor Intake Air Temp.
Cooling	Maximum	95°F (35°C) DB, 71°F (22°C) WB	115°F (46°C) DB
	Minimum	67°F (19°C) DB, 57°F (14°C) WB	14°F (-10°C) DB
Heating	Maximum	80°F (27°C) DB, 67°F (19°C) WB	75°F (24°C) DB, 65°F (18°C) WB
	Minimum	70°F (21°C) DB, 60°F (16°C) WB	14°F (-10°C) DB, 12°F (-11°C) WB

Compressor DC Inverter-driven Twin Rotary
Fan Motor 0.93 F.L.A.

Sound Pressure Level

Cooling 49 dB(A)
Heating 49 dB(A)

DIMENSIONS	INCHES / MM
W	35-7/16 / 900
D	12-5/8 / 320
H	35-7/16 / 900

Weight 148 lbs. / 67 kg
Refrigerant Type R410A

Refrigerant Pipe Size O.D. — Three Ports

Gas Side A: 1/2 / 12.7 mm; B, C: 3/8" / 9.52 mm
Liquid Side 1/4" / 6.35 mm

Max. Refrigerant Pipe Length 230' / 70 m

Max. Refrigerant Pipe Height Difference

If Indoor Unit is Above Outdoor Unit 49' / 15 m

If Indoor Unit is Below Outdoor Unit 33' / 10 m

Connection Method Flared

COMPATIBLE INDOOR UNITS AND ASSOCIATED REMOTE CONTROLLERS
Horizontal-ducted Indoor Units: SEZ-KD09, 12, 15, 18NA


Remote Controller PAR-21MAA -
Packaged with SEZ

Wall-mounted Indoor Units: MSZ-A09, 12, 15, 17, 24NA

Wall-mounted Indoor Units: MSZ-FD09, 12NA


Wireless Remote Controller -
Packaged with MSZ-A and MSZ-FD
(Optional Wired PAR-21MAA Remote
Controller)

MXZ-3A30NA ENERGY EFFICIENCIES

Indoor Unit Type	SEER	HSPF
Non-ducted	16	10
Ducted and Non-ducted	15.2	9.7
Ducted	14.5	9.5

SYSTEM COMPONENTS

Outdoor Unit MXZ-3A30NA

Indoor Unit Two (minimum) or Three Indoor Units Necessary
(Select Style as Installation Requires)

Refer to the separate submittal forms for the SEZ and MSZ Indoor Units.



MXZ-3A30NA COMBINATIONS* (with wall-mounted and/or ducted indoor units)

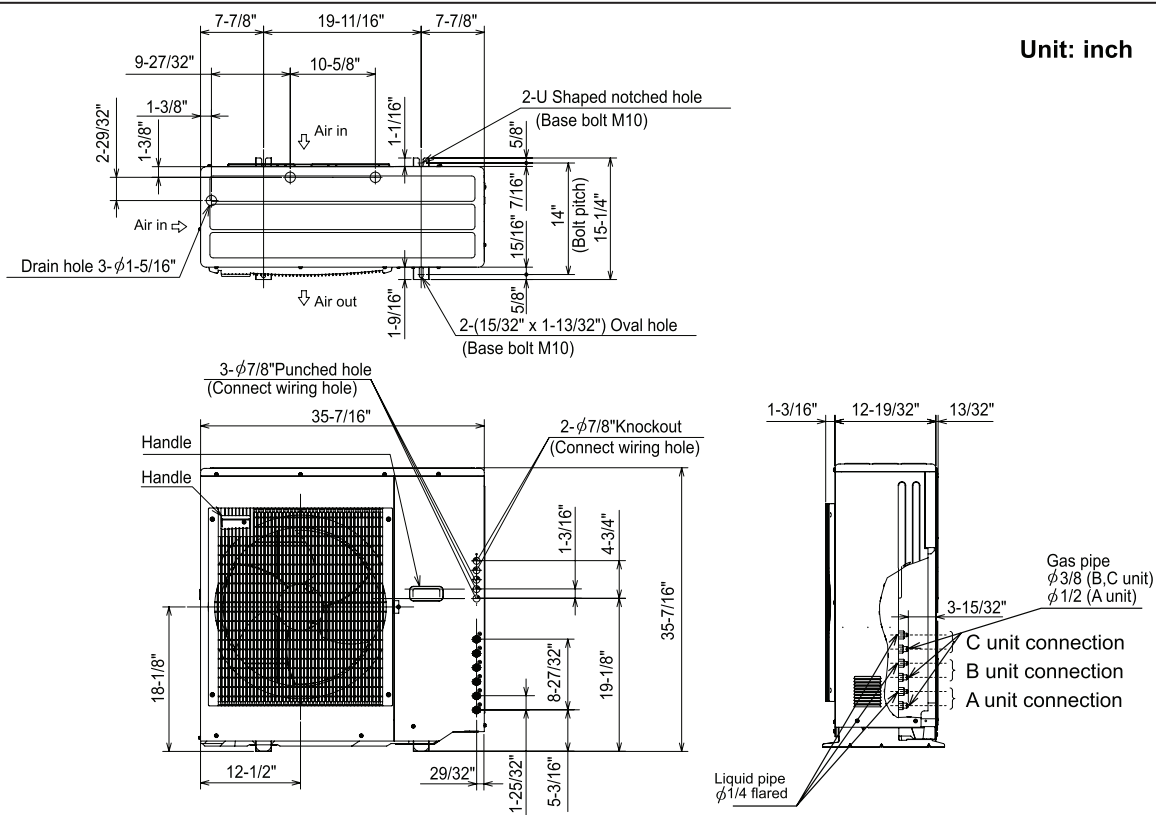
Indoor Unit (Unit A + Unit B + Unit C) Combinations **	Cooling Capacity (Btu/h)				Power Usage (W)
	Heating Capacity (Btu/h)				
	Unit A	Unit B	Unit C	Total	
9 + 9	9,000	9,000	-	18,000	1,800 - 1,840
	10,900	10,900	-	21,800	1,700
9 + 12	9,000	12,000	-	21,000	2,000 - 2,040
	10,900	13,600	-	24,500	1,980
9 + 15	9,000	15,000	-	24,000	2,500 - 2,540
	10,100	16,900	-	27,000	2,200
9 + 17	9,000	16,200	-	25,200	2,700 - 2,720
	9,300	17,700	-	27,000	2,200
9 + 18	8,900	17,100	-	26,000	2,820 - 2,840
	9,000	18,000	-	27,000	2,200
9 + 24	7,600	20,400	-	28,000	3,200 - 3,220
	7,300	19,700	-	27,000	1,980
12 + 12	12,000	12,000	-	24,000	2,500 - 2,540
	13,500	13,500	-	27,000	2,200
12 + 15	11,500	14,500	-	26,000 27,000	2,800 - 2,840
	12,000	15,000	-		2,160
12 + 17	10,800	15,200	-		2,800 - 2,820
	11,200	15,800	-		2,140
12 + 18	10,400	15,600	-		2,820 - 2,840
	10,800	16,200	-		2,140
15 + 15	13,000	13,000	-		2,800 - 2,840
	13,500	13,500	-		2,120
15 + 17	12,200	13,800	-		2,800 - 2,820
	12,700	14,300	-		2,110
15 + 18	11,800	14,200	-		2,820 - 2,840
	12,300	14,700	-		2,110
17 + 17	13,000	13,000	-		2,800
	13,500	13,500	-		2,100
17 + 18	12,600	13,400	-		2,820
	13,100	13,900	-		2,100
18 + 18	13,000	13,000	-		2,840
	13,500	13,500	-		2,100
9 + 9 + 9	Wall: 9,000 Ducted: 8,500	Wall: 9,000 Ducted: 8,500	Wall: 9,000 Ducted: 8,500	27,000 (All Wall-mounted MSZ) 25,500 (All Ducted SEZ) 26,500 - 26,000 (Combination)	2,860 - 2,950
	Wall: 9,500 Ducted: 9,000	Wall: 9,500 Ducted: 9,000	Wall: 9,500 Ducted: 9,000	28,500 (All Wall-mounted MSZ) 27,000 (All Ducted SEZ) 28,000 - 27,500 (Combination)	2,180 - 2,240
9 + 9 + 12	Wall: 8,500 Ducted: 8,000	Wall: 8,500 Ducted: 8,000	11,400	28,400 (All Wall-mounted MSZ) 27,400 (All Ducted SEZ) 28,400 - 27,400 (Combination)	3,250 - 3,330
	Wall: 8,600 Ducted: 8,100	Wall: 8,600 Ducted: 8,100	11,400	28,600 (All Wall-mounted MSZ) 27,600 (All Ducted SEZ) 28,600 - 27,600 (Combination)	2,180 - 2,220
9 + 9 + 15	Wall: 7,750 Ducted: 7,250	Wall: 7,750 Ducted: 7,250	12,900	28,400 (All Wall-mounted MSZ) 27,400 (All Ducted SEZ) 28,400 - 27,400 (Combination)	3,250 - 3,330
	Wall: 7,800 Ducted: 7,300	Wall: 7,800 Ducted: 7,300	13,000	28,600 (All Wall-mounted MSZ) 27,600 (All Ducted SEZ) 28,600 - 27,600 (Combination)	2,180 - 2,200
9 + 9 + 17	Wall: 7,300 Ducted: 6,800	Wall: 7,300 Ducted: 6,800	13,800	28,400 (All Wall-mounted MSZ) 27,400 (All Ducted SEZ) 27,900 (Combination)	3,250 - 3,310
	Wall: 7,350 Ducted: 6,850	Wall: 7,350 Ducted: 6,850	13,900	28,600 (All Wall-mounted MSZ) 27,600 (All Ducted SEZ) 28,100 (Combination)	2,180 - 2,220
9 + 9 + 18	Wall: 7,100 Ducted: 6,600	Wall: 7,100 Ducted: 6,600	14,200	28,400 (All Wall-mounted MSZ) 27,400 (All Ducted SEZ) 27,900 (Combination)	3,270 - 3,330
	Wall: 7,200 Ducted: 6,700	Wall: 7,200 Ducted: 6,700	14,200	28,600 (All Wall-mounted MSZ) 27,600 (All Ducted SEZ) 28,100 (Combination)	2,180 - 2,220

* Information provided at 208/230V. Refer to MXZ Outdoor Unit Service Manual for detail specification and additional information per indoor unit combination

** Sizes 17 and 24 only available in MSZ-A17 and MSZ-A24 wall-mounted indoor unit style, respectively. Size 18 only available in SEZ-KD18 ducted indoor unit style.

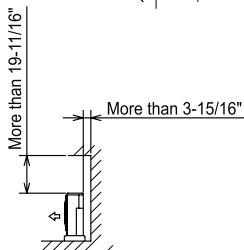
DIMENSIONS: MXZ-3A30NA

Unit: inch

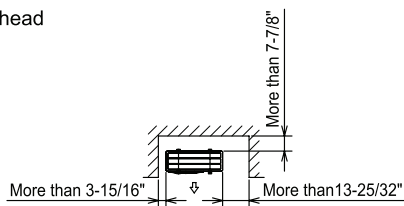


1. Installation space

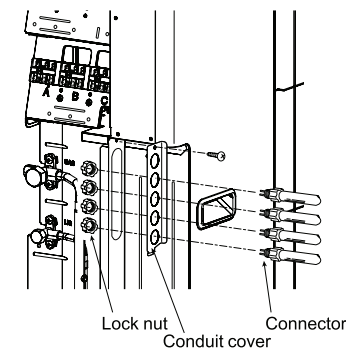
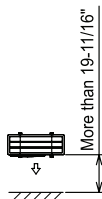
Note : Leave front and both sides clearance fully.



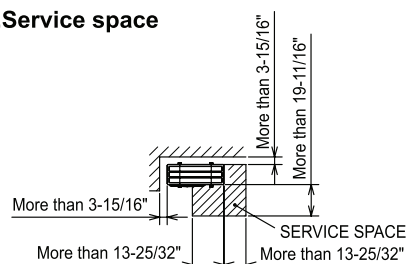
Note : Leave front and overhead clearance fully.



Note : Leave rear, overhead and both sides clearance fully.



2. Service space



HVAC Advanced Products Division

3400 Lawrenceville Suwanee Rd
Suwanee, GA 30024

Tele: 678-376-2900 • Fax: 800-889-9904

Toll Free: 800-433-4822 (#3)

www.mehvac.com

Specifications are subject to change without notice.

SUBMITTAL DATA: MSZ-A09NA

9,000 BTU/H WALL-MOUNTED INDOOR UNIT FOR MXZ MULTI-ZONE HEAT-PUMP SYSTEMS

Job Name:	Location:	Date:
Purchaser:	Engineer:	
Submitted to:	For ☐ Reference ☐ Approval ☐ Construction	
System Designation:	Schedule No.:	

GENERAL FEATURES

- Wall-mounted indoor unit for residential and small commercial applications
- Standard Hybrid Catechin Prefilter is included with indoor unit
- Quiet operation
- "Powerful Mode" function permits system to temporarily run at a lower/higher temperature with an increased fan speed, which quickly brings the room to the optimum comfort level
- Wireless remote controller is included; PAR-21MAA wired remote controller can be installed as an option
- Indoor unit powered from outdoor unit using A-Control
- Automatic fan speed control
- Auto restart following a power outage
- Limited warranty: one year on parts and defects

OPTIONAL ACCESSORIES

- M-NET Control Adapter (MAC-399IF)
- MA Contact Terminal Interface (MAC-397IF)
- Wired Remote Controller (PAR-21MAA; requires MAC-397IF)
- Condensate Pump (230V; SI3100-230)
- Anti-allergy Enzyme Filter (Two pieces per set; MAC-1415FT)
- Three-pole Disconnect Switch (TAZ-MS303)

Cooling*

Rated Capacity 9,000 Btu/h
Input 16 W

Heating*

Rated Capacity 10,900 Btu/h
Input 16 W

* Rating Conditions (Cooling) - Indoor: 80°F (27°C) DB, 67°F (19°C) WB; Outdoor: 95°F (35°C) DB, 75°F (24°C) WB.
(Heating at 47°F) - Indoor: 70°F (21°C) DB, 60°F (16°C) WB; Outdoor: 47°F (8°C) DB, 43°F (6°C) WB.
(For data on specific indoor units [all ducted, all non-ducted, and both ducted and non-ducted] combinations, see the MXZ Technical and Service Manual.)

Electrical Requirements

Power Supply 208 / 230V, 1-Phase, 60 Hz
MCA 1 A



Indoor Unit: MSZ-A09NA



Wireless Remote Controller

Voltage

Indoor - Outdoor S1-S2 AC 208 / 230V
Indoor - Outdoor S2-S3 DC 12-24V
Indoor - Remote Controller Wireless
(Optional Wired Controller: DC 12V)

Fan Motor 0.76 F.L.A.

Airflow (Lo - Med - Hi - Powerful)

Cooling (Lo - Med - Hi - Powerful) 152 - 229 - 307 - 338 Dry CFM
134 - 205 - 275 - 303 Wet CFM
Heating (Lo - Med - Hi - Powerful) 159 - 222 - 307 - 321 CFM

Sound Pressure Level (Lo - Med - Hi - Powerful)

Cooling 22 - 33 - 38 - 41 dB(A)
Heating 22 - 33 - 38 - 39 dB(A)

DIMENSIONS	UNIT INCHES / MM
W	30-11/16 / 780
D	8-1/4 / 210
H	11-3/4 / 298

Weight 23 lbs. / 10 kg

External Finish Munsell No. 1.0Y 9.2 / 0.2
Field Drainpipe Size O.D. 5/8" / 15.88 mm

Refrigerant Type R410A
Refrigerant Pipe Size O.D.

Gas Side 3/8" / 9.52 mm
Liquid Side 1/4" / 6.35 mm

Connection Method Flared

MXZ-SERIES HEAT-PUMP OUTDOOR UNITS


Outdoor Unit: MXZ-3A30NA

MXZ MULTI-ZONE SYSTEMS CAN INCLUDE:

- All Horizontal-ducted Indoor Units:
SEZ-KD09, 12, 15, 18NA
 - Select Wall-mounted Indoor Units:
MSZ-A09, 12, 15, 17, 24NA
and
MSZ-FD09, 12NA
 - A combination of both Horizontal-ducted and Wall-mounted Indoor Units
- Refer to the separate submittal forms for the MSZ-FD and SEZ-KD Indoor Units and MXZ Outdoor Units.



Indoor Unit: MSZ-A09, 12, 15, 17, 24NA



Wall-mounted Indoor Unit: MSZ-FD-NA


Wireless Remote Controller -
Packaged with MSZ-A and MSZ-FD
(Optional Wired Remote Controller
PAR-21MAA)


Indoor Unit: SEZ-KD-NA

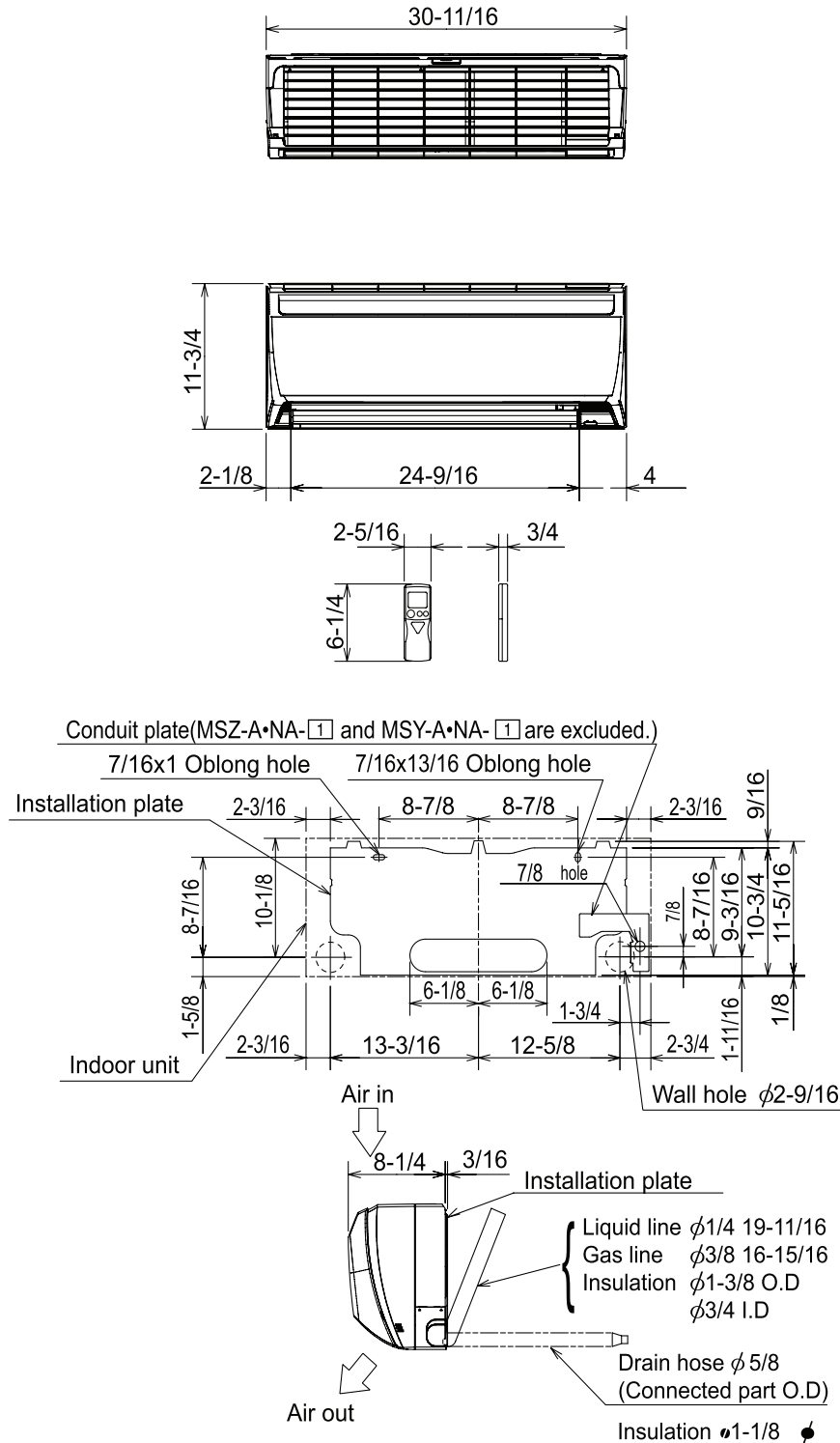


Remote Controller PAR-21MAA


INVERTER

DIMENSIONS: MSZ-A09NA

Unit : inch



HVAC Advanced Products Division
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Suwanee, GA 30024
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www.mehvac.com
Specifications are subject to change without notice.

SUBMITTAL DATA: MSZ-A12NA

12,000 BTU/H WALL-MOUNTED INDOOR UNIT FOR MXZ MULTI-ZONE HEAT-PUMP SYSTEMS

Job Name: _____	Location: _____	Date: _____
Purchaser: _____	Engineer: _____	
Submitted to: _____	For ☐ Reference ☐ Approval ☐ Construction	
System Designation: _____	Schedule No.: _____	

GENERAL FEATURES

- Wall-mounted indoor unit for residential and small commercial applications
- Standard Hybrid Catechin Prefilter is included with indoor unit
- Quiet operation
- "Powerful Mode" function permits system to temporarily run at a lower/higher temperature with an increased fan speed, which quickly brings the room to the optimum comfort level
- Wireless remote controller is included; PAR-21MAA wired remote controller can be installed as an option
- Indoor unit powered from outdoor unit using A-Control
- Automatic fan speed control
- Auto restart following a power outage
- Limited warranty: one year on parts and defects

OPTIONAL ACCESSORIES

- M-NET Control Adapter (MAC-399IF)
- MA Contact Terminal Interface (MAC-397IF)
- Wired Remote Controller (PAR-21MAA; Requires MAC-397IF)
- Condensate Pump (230V; SI3100-230)
- Anti-allergy Enzyme Filter (Two pieces per set; MAC-1415FT)
- Three-pole Disconnect Switch (TAZ-MS303)

Cooling*

Rated Capacity 12,000 Btu/h
Input 21 W

Heating*

Rated Capacity 13,600 Btu/h
Input 21 W

* Rating Conditions (Cooling) - Indoor: 80°F (27°C) DB, 67°F (19°C) WB; Outdoor: 95°F (35°C) DB, 75°F (24°C) WB.
(Heating at 47°F) - Indoor: 70°F (21°C) DB, 60°F (16°C) WB; Outdoor: 47°F (8°C) DB, 43°F (6°C) WB.
(For data on specific indoor units [all ducted, all non-ducted, and both ducted and non-ducted] combinations, see the MXZ Technical and Service Manual.)

Electrical Requirements

Power Supply 208 / 230V, 1-Phase, 60 Hz
MCA 1 A



Indoor Unit: MSZ-A12NA



Wireless Remote Controller

Voltage

Indoor - Outdoor S1-S2 AC 208 / 230V
Indoor - Outdoor S2-S3 DC 12-24V
Indoor - Remote Controller Wireless
(Optional Wired Controller: DC 12V)

Fan Motor 0.76 F.L.A.

Airflow (Lo - Med - Hi - Powerful)

Cooling (Lo - Med - Hi - Powerful) 152 - 240 - 353 - 388 Dry CFM
134 - 215 - 318 - 349 Wet CFM
Heating (Lo - Med - Hi - Powerful) 159 - 240 - 353 - 353 CFM

Sound Pressure Level (Lo - Med - Hi - Powerful)

Cooling 22 - 34 - 42 - 44 dB(A)
Heating 22 - 34 - 42 - 42 dB(A)

DIMENSIONS	UNIT INCHES / MM
W	30-11/16 / 780
D	8-1/4 / 210
H	11-3/4 / 298

Weight 23 lbs. / 10 kg

External Finish Munsell No. 1.0Y 9.2 / 0.2
Field Drainpipe Size O.D. 5/8" / 15.88 mm

Refrigerant Type R410A
Refrigerant Pipe Size O.D.

Gas Side 3/8" / 9.52 mm
Liquid Side 1/4" / 6.35 mm

Connection Method Flared

MXZ-SERIES HEAT-PUMP OUTDOOR UNITS


Outdoor Unit: MXZ-3A30NA

MXZ MULTI-ZONE SYSTEMS CAN INCLUDE:

- All Horizontal-ducted Indoor Units:
SEZ-KD09, 12, 15, 18NA
 - Select Wall-mounted Indoor Units:
MSZ-A09, 12, 15, 17, 24NA
and
MSZ-FD09, 12NA
 - A combination of both Horizontal-ducted and Wall-mounted Indoor Units
- Refer to the separate submittal forms for the MSZ-FD and SEZ-KD Indoor Units and MXZ Outdoor Units.



Indoor Unit: MSZ-A09, 12, 15, 17, 24NA



Wall-mounted Indoor Unit: MSZ-FD-NA


Wireless Remote Controller -
Packaged with MSZ-A and MSZ-FD
(Optional Wired Remote Controller
PAR-21MAA)


Indoor Unit: SEZ-KD-NA

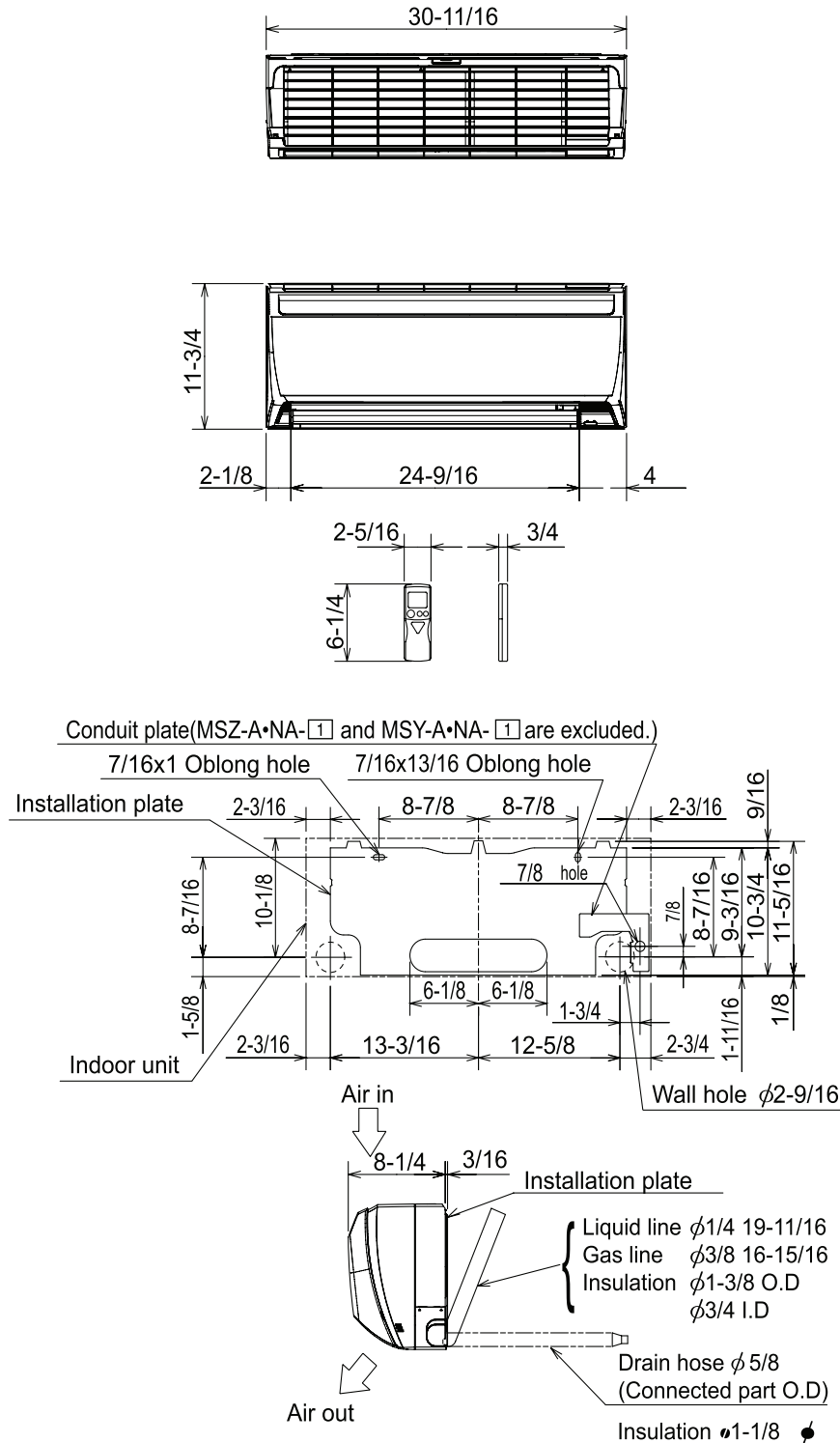


Remote Controller PAR-21MAA


INVERTER

DIMENSIONS: MSZ-A12NA

Unit : inch



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SUBMITTAL DATA: MSZ-A15NA

15,000 BTU/H WALL-MOUNTED INDOOR UNIT FOR MXZ MULTI-ZONE HEAT-PUMP SYSTEMS

Job Name:	Location:	Date:
Purchaser:	Engineer:	
Submitted to:	For ☐ Reference ☐ Approval ☐ Construction	
System Designation:	Schedule No.:	

GENERAL FEATURES

- Wall-mounted indoor unit for residential and small commercial applications
- Standard Hybrid Catechin Prefilter is included with indoor unit
- Quiet operation
- "Powerful Mode" function permits system to temporarily run at a lower/higher temperature with an increased fan speed, which quickly brings the room to the optimum comfort level
- Wireless remote controller is included; PAR-21MAA wired remote controller can be installed as an option
- Indoor unit powered from outdoor unit using A-Control
- Automatic fan speed control
- Auto restart following a power outage
- Limited warranty: one year on parts and defects

OPTIONAL ACCESSORIES

- M-NET Control Adapter (MAC-399IF)
- MA Contact Terminal Interface (MAC-397IF)
- Wired Remote Controller (PAR-21MAA; Requires MAC-397IF)
- Condensate Pump (230V; SI3100-230)
- Anti-allergy Enzyme Filter (Two pieces per set; MAC-1415FT)
- Three-pole Disconnect Switch (TAZ-MS303)

Cooling*

Rated Capacity 15,000 Btu/h
Input 30 W

Heating*

Rated Capacity 18,000 Btu/h
Input 30 W

* Rating Conditions (Cooling) - Indoor: 80°F (27°C) DB, 67°F (19°C) WB; Outdoor: 95°F (35°C) DB, 75°F (24°C) WB.
(Heating at 47°F) - Indoor: 70°F (21°C) DB, 60°F (16°C) WB; Outdoor: 47°F (8°C) DB, 43°F (6°C) WB.
(For data on specific indoor units [all ducted, all non-ducted, and both ducted and non-ducted] combinations, see the MXZ Technical and Service Manual.)

Electrical Requirements

Power Supply 208 / 230V, 1-Phase, 60 Hz
MCA 1 A



Indoor Unit: MSZ-A15NA



Wireless Remote Controller

Voltage

Indoor - Outdoor S1-S2 AC 208 / 230V
Indoor - Outdoor S2-S3 DC 12-24V
Indoor - Remote Controller Wireless
(Optional Wired Controller: DC 12V)

Fan Motor 0.76 F.L.A.

Airflow (Lo - Med - Hi - Powerful)

Cooling (Lo - Med - Hi - Powerful) 268 - 328 - 381 - 419 Dry CFM
240 - 293 - 342 - 376 Wet CFM
Heating (Lo - Med - Hi - Powerful) 254 - 314 - 381 - 381 CFM

Sound Pressure Level (Lo - Med - Hi - Powerful)

Cooling 34 - 40 - 45 - 47 dB(A)
Heating 34 - 38 - 44 - 44 dB(A)

DIMENSIONS	UNIT INCHES / MM
W	30-11/16 / 780
D	8-1/4 / 210
H	11-3/4 / 298

Weight 23 lbs. / 10 kg

External Finish Munsell No. 1.0Y 9.2 / 0.2
Field Drainpipe Size O.D. 5/8" / 15.88 mm

Refrigerant Type R410A
Refrigerant Pipe Size O.D.

Gas Side 1/2" / 12.7 mm

Liquid Side 1/4" / 6.35 mm

Connection Method Flared

MXZ-SERIES HEAT-PUMP OUTDOOR UNITS


Outdoor Unit: MXZ-3A30NA

MXZ MULTI-ZONE SYSTEMS CAN INCLUDE:

- All Horizontal-ducted Indoor Units:
SEZ-KD09, 12, 15, 18NA
 - Select Wall-mounted Indoor Units:
MSZ-A09, 12, 15, 17, 24NA
and
MSZ-FD09, 12NA
 - A combination of both Horizontal-ducted and Wall-mounted Indoor Units
- Refer to the separate submittal forms for the MSZ-FD and SEZ-KD Indoor Units and MXZ Outdoor Units.



Indoor Unit: MSZ-A09, 12, 15, 17, 24NA



Wall-mounted Indoor Unit: MSZ-FD-NA


Wireless Remote Controller -
Packaged with MSZ-A and MSZ-FD
(Optional Wired Remote Controller
PAR-21MAA)


Indoor Unit: SEZ-KD-NA

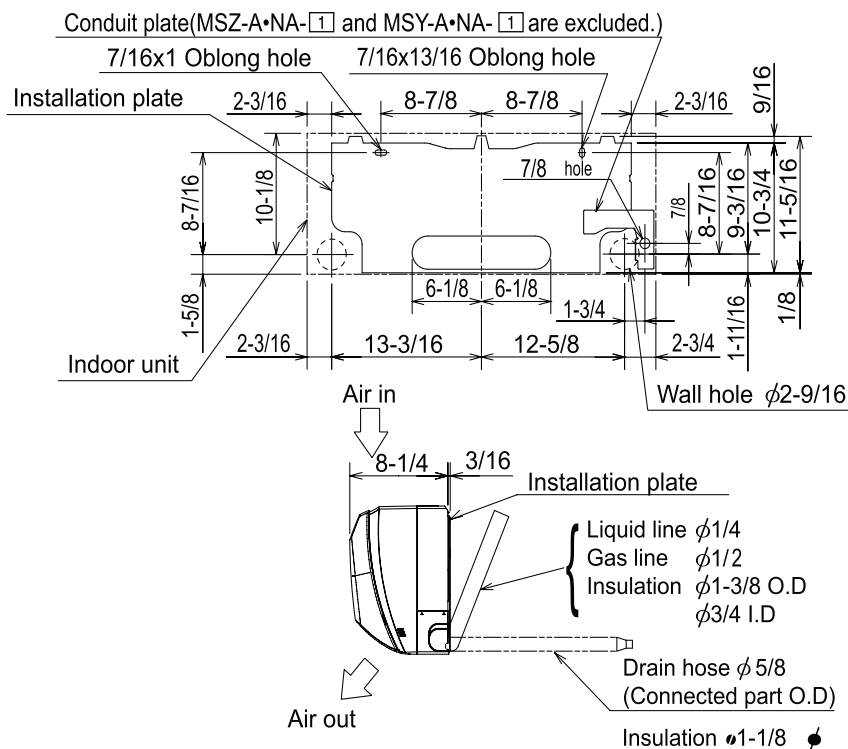
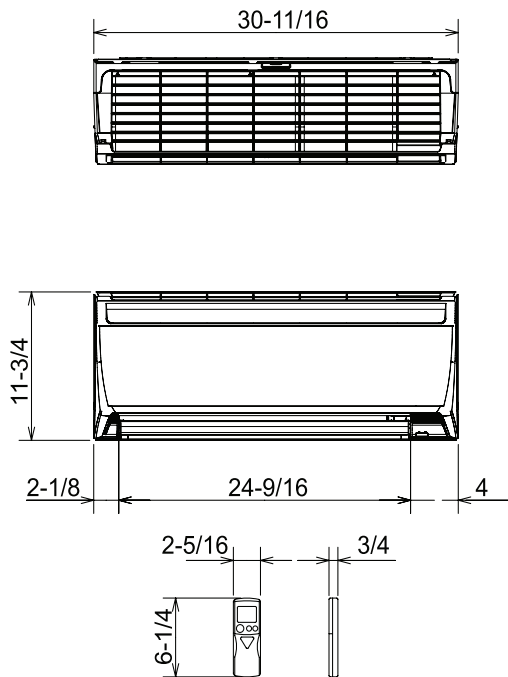


Remote Controller PAR-21MAA


INVERTER

DIMENSIONS: MSZ-A15NA

Unit : inch



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SUBMITTAL DATA: MSZ-A17NA

17,000 BTU/H WALL-MOUNTED INDOOR UNIT FOR MXZ MULTI-ZONE HEAT-PUMP SYSTEMS

Job Name: _____	Location: _____	Date: _____
Purchaser: _____	Engineer: _____	
Submitted to: _____	For ☐ Reference ☐ Approval ☐ Construction	
System Designation: _____	Schedule No.: _____	

GENERAL FEATURES

- Wall-mounted indoor unit for residential and small commercial applications
- Standard Hybrid Catechin Prefilter is included with indoor unit
- Quiet operation
- "Powerful Mode" function permits system to temporarily run at a lower/higher temperature with an increased fan speed, which quickly brings the room to the optimum comfort level
- Wireless remote controller is included; PAR-21MAA wired remote controller can be installed as an option
- Indoor unit powered from outdoor unit using A-Control
- Automatic fan speed control
- Auto restart following a power outage
- Limited warranty: one year on parts and defects

OPTIONAL ACCESSORIES

- M-NET Control Adapter (MAC-399IF)
- MA Contact Terminal Interface (MAC-397IF)
- Wired Remote Controller (PAR-21MAA; Requires MAC-397IF)
- Condensate Pump (230V; SI3100-230)
- Anti-allergy Enzyme Filter (Two pieces per set; MAC-1415FT)
- Three-pole Disconnect Switch (TAZ-MS303)

Cooling*

Rated Capacity 16,200 Btu/h
Input 30 W

Heating*

Rated Capacity 20,100 Btu/h
Input 30 W

* Rating Conditions (Cooling) - Indoor: 80°F (27°C) DB, 67°F (19°C) WB; Outdoor: 95°F (35°C) DB, 75°F (24°C) WB.
(Heating at 47°F) - Indoor: 70°F (21°C) DB, 60°F (16°C) WB; Outdoor: 47°F (8°C) DB, 43°F (6°C) WB.
(For data on specific indoor units [all ducted, all non-ducted, and both ducted and non-ducted] combinations, see the MXZ Technical and Service Manual.)

Electrical Requirements

Power Supply 208 / 230V, 1-Phase, 60 Hz
MCA 1 A



Indoor Unit: MSZ-A17NA



Wireless Remote Controller

Voltage

Indoor - Outdoor S1-S2 AC 208 / 230V
Indoor - Outdoor S2-S3 DC 12-24V
Indoor - Remote Controller Wireless
(Optional Wired Controller: DC 12V)

Fan Motor 0.76 F.L.A.

Airflow (Lo - Med - Hi - Powerful)

Cooling (Lo - Med - Hi - Powerful) 268 - 328 - 381 - 419 Dry CFM
240 - 293 - 342 - 376 Wet CFM
Heating (Lo - Med - Hi - Powerful) 254 - 314 - 381 - 381 CFM

Sound Pressure Level (Lo - Med - Hi - Powerful)

Cooling 34 - 40 - 46 - 48 dB(A)
Heating 34 - 38 - 44 - 44 dB(A)

DIMENSIONS	UNIT INCHES / MM
W	30-11/16 / 780
D	8-1/4 / 210
H	11-3/4 / 298

Weight 23 lbs. / 10 kg

External Finish Munsell No. 1.0Y 9.2 / 0.2
Field Drainpipe Size O.D. 5/8" / 15.88 mm

Refrigerant Type R410A
Refrigerant Pipe Size O.D.

Gas Side 1/2" / 12.7 mm
Liquid Side 1/4" / 6.35 mm

Connection Method Flared

MXZ-SERIES HEAT-PUMP OUTDOOR UNITS


Outdoor Unit: MXZ-3A30NA

MXZ MULTI-ZONE SYSTEMS CAN INCLUDE:

- All Horizontal-ducted Indoor Units:
SEZ-KD09, 12, 15, 18NA
 - Select Wall-mounted Indoor Units:
MSZ-A09, 12, 15, 17, 24NA
and
MSZ-FD09, 12NA
 - A combination of both Horizontal-ducted and Wall-mounted Indoor Units
- Refer to the separate submittal forms for the MSZ-FD and SEZ-KD Indoor Units and MXZ Outdoor Units.



Indoor Unit: MSZ-A09, 12, 15, 17, 24NA



Wall-mounted Indoor Unit: MSZ-FD-NA


Wireless Remote Controller -
Packaged with MSZ-A and MSZ-FD
(Optional Wired Remote Controller
PAR-21MAA)


Indoor Unit: SEZ-KD-NA

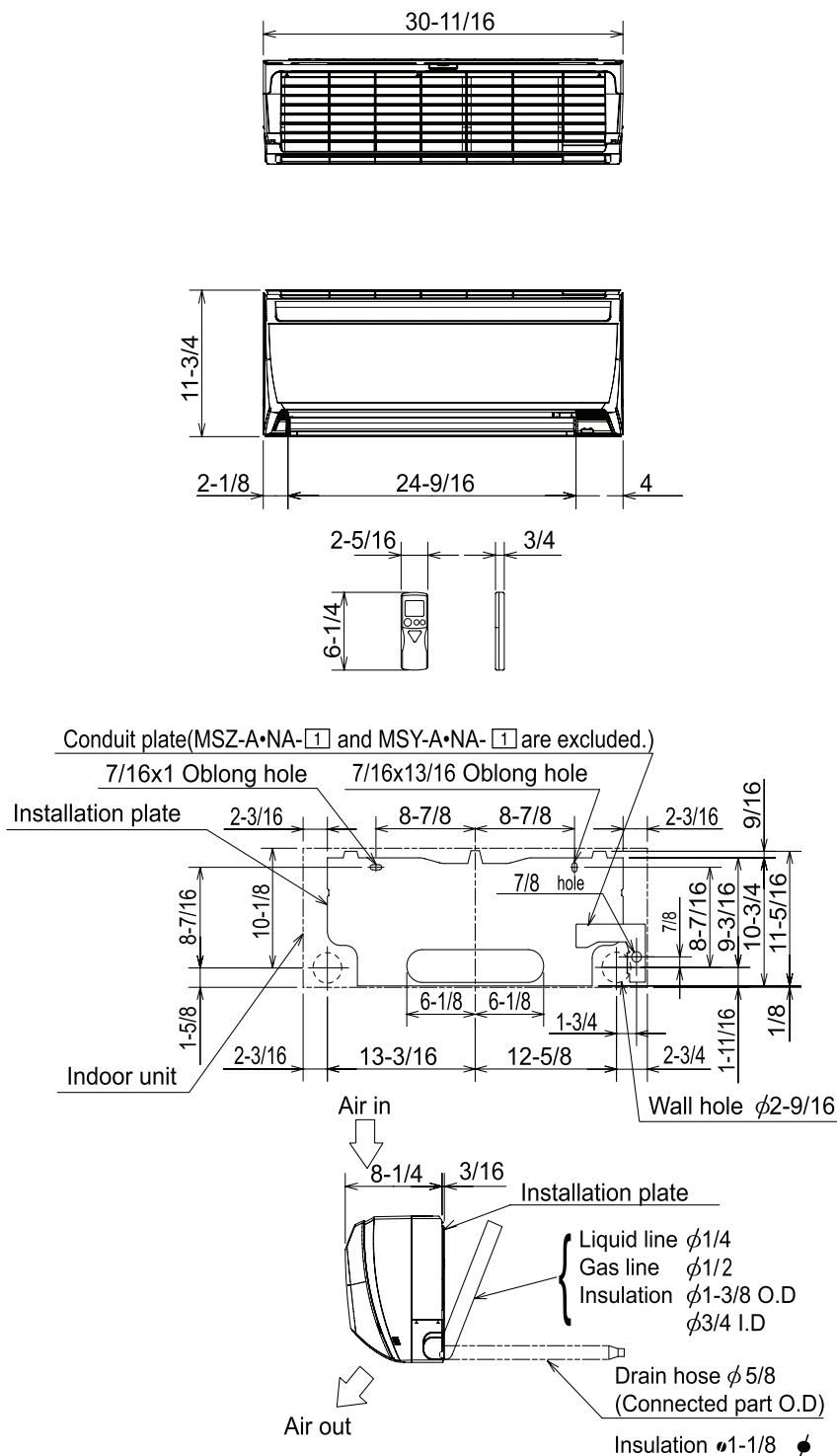


Remote Controller PAR-21MAA


INVERTER

DIMENSIONS: MSZ-A17NA

Unit : inch



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SUBMITTAL DATA: MSZ-A24NA

24,000 BTU/H WALL-MOUNTED INDOOR UNIT FOR MXZ MULTI-ZONE HEAT-PUMP SYSTEMS

Job Name:	Location:	Date:
Purchaser:	Engineer:	
Submitted to:	For ☐ Reference ☐ Approval ☐ Construction	
System Designation:	Schedule No.:	

GENERAL FEATURES

- Wall-mounted indoor unit for residential and small commercial applications
- Standard Hybrid Catechin Prefilter is included with indoor unit
- Quiet operation
- "Powerful Mode" function permits system to temporarily run at a lower/higher temperature with an increased fan speed, which quickly brings the room to the optimum comfort level
- Wireless remote controller is included; PAR-21MAA wired remote controller can be installed as an option
- Indoor unit powered from outdoor unit using A-Control
- Automatic fan speed control
- Auto restart following a power outage
- Limited warranty: one year on parts and defects

OPTIONAL ACCESSORIES

- M-NET Control Adapter (MAC-399IF)
- MA Contact Terminal Interface (MAC-397IF)
- Wired Remote Controller (PAR-21MAA; Requires MAC-397IF)
- Condensate Pump (230V; SI3100-230)
- Anti-allergy Enzyme Filter (Two pieces per set; MAC-2300FT)
- Three-pole Disconnect Switch (TAZ-MS303)

Cooling*

Rated Capacity 22,000 Btu/h
 Input 53 W

Heating*

Rated Capacity 23,200 Btu/h
 Input 53 W

* Rating Conditions (Cooling) - Indoor: 80°F (27°C) DB, 67°F (19°C) WB; Outdoor: 95°F (35°C) DB, 75°F (24°C) WB.
 (Heating at 47°F) - Indoor: 70°F (21°C) DB, 60°F (16°C) WB; Outdoor: 47°F (8°C) DB, 43°F (6°C) WB.
 (For data on specific indoor units [all ducted, all non-ducted, and both ducted and non-ducted] combinations, see the MXZ Technical and Service Manual.)

Electrical Requirements

Power Supply 208 / 230V, 1-Phase, 60 Hz
 MCA 1 A


Voltage

Indoor - Outdoor S1-S2 AC 208 / 230V
 Indoor - Outdoor S2-S3 DC 12-24V
 Indoor - Remote Controller Wireless
 (Optional Wired Controller: DC 12V)

Fan Motor 0.76 F.L.A.

Airflow (Lo - Med - Hi - Powerful)
 Cooling (Lo - Med - Hi - Powerful) 296 - 431 - 568 - 624 Dry CFM
 265 - 385 - 508 - 558 Wet CFM
 Heating (Lo - Med - Hi - Powerful) 296 - 486 - 568 - 590 CFM

Sound Pressure Level (Lo - Med - Hi - Powerful)
 Cooling 34 - 40 - 49 - 51 dB(A)
 Heating 34 - 40 - 48 - 49 dB(A)

DIMENSIONS	UNIT INCHES / MM
W	43-5/16 / 1,100
D	10-1/4 / 260
H	12-13/16 / 325

Weight 37 lbs. / 17 kg

External Finish Munsell No. 1.0Y 9.2 / 0.2
 Field Drainpipe Size O.D. 5/8" / 15.88 mm

Refrigerant Type R410A
 Refrigerant Pipe Size O.D.
 Gas Side 5/8" / 15.88 mm
 Liquid Side 1/4" / 6.35 mm
 Connection Method Flared

MXZ-SERIES HEAT-PUMP OUTDOOR UNITS


Outdoor Unit: MXZ-3A30NA

MXZ MULTI-ZONE SYSTEMS CAN INCLUDE:

- All Horizontal-ducted Indoor Units:
SEZ-KD09, 12, 15, 18NA
 - Select Wall-mounted Indoor Units:
MSZ-A09, 12, 15, 17, 24NA
 and
MSZ-FD09, 12NA
 - A combination of both Horizontal-ducted and Wall-mounted Indoor Units
- Refer to the separate submittal forms for the MSZ-FD and SEZ-KD Indoor Units and MXZ Outdoor Units.



Indoor Unit: MSZ-A09, 12, 15, 17, 24NA



Wall-mounted Indoor Unit: MSZ-FD-NA


 Wireless Remote Controller -
 Packaged with MSZ-A and MSZ-FD
 (Optional Wired Remote Controller
 PAR-21MAA)


Indoor Unit: SEZ-KD-NA

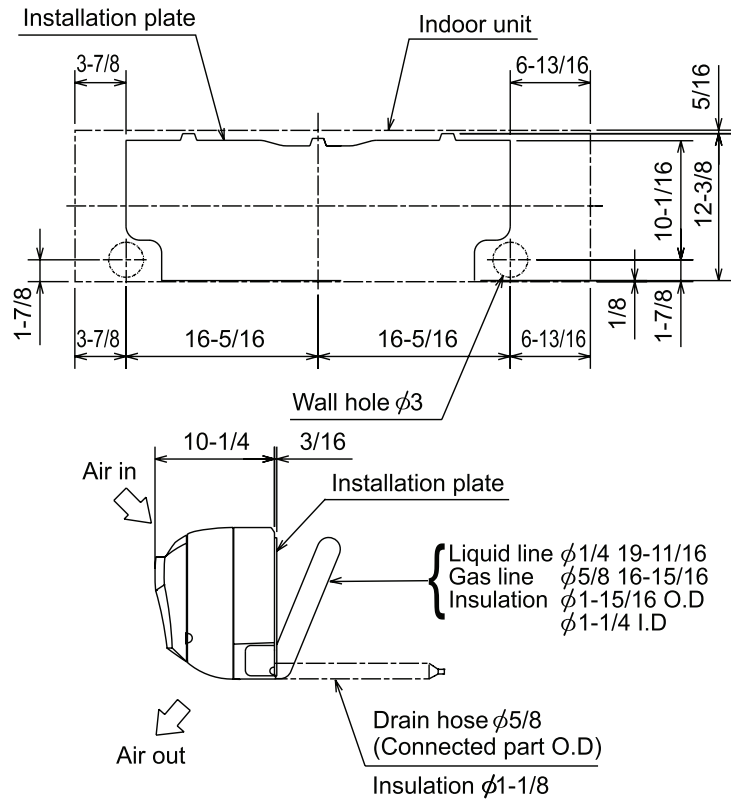
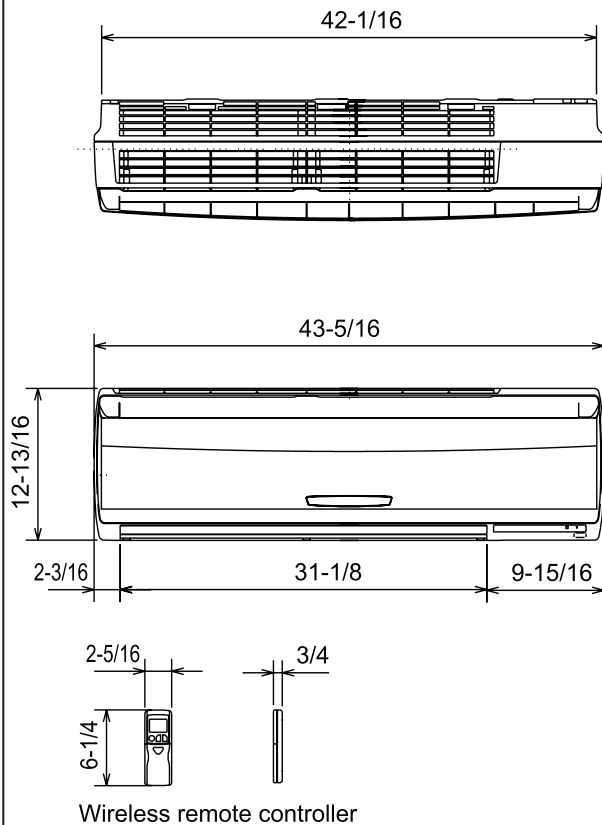


Remote Controller PAR-21MAA


INVERTER

DIMENSIONS: MSZ-A24NA

Unit: inch



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SUBMITTAL DATA: MSZ-FD09NA

9,000 BTU/H WALL-MOUNTED INDOOR UNIT FOR MXZ MULTI-ZONE HEAT-PUMP SYSTEMS

Job Name:	Location:	Date:
Purchaser:	Engineer:	
Submitted to:	For ☐ Reference ☐ Approval ☐ Construction	
System Designation:	Schedule No.:	

GENERAL FEATURES

- Highly energy-efficient system with quiet operation
- Updated sleek, compact indoor unit design
- Includes Standard, Platinum Deodorizing, and Anti-allergy Enzyme Filters for a complete air purifying system
- "Powerful Mode" function permits system to temporarily run at a lower/higher temperature with an increased fan speed, which quickly brings the room to the optimum comfort level
- Integrated i-see sensor automatically detects room air temperature
- Autochangeover for cooling and heating
- Wireless remote controller
- Limited warranty: one year on parts and defects

OPTIONAL ACCESSORIES

- M-NET Control Adapter (MAC-399IF)
- MA Contact Terminal Interface (MAC-397IF)
- Wired Remote Controller (PAR-21MAA; Requires MAC-397IF)
- Condensate Pump (SI3100-230; 230V)
- Replacement Platinum Deodorizing Filter (MAC-308FT)
- Replacement Anti-allergy Enzyme Filter (MAC-418FT; MERV 8)

Cooling*
Rated Capacity 9,000 Btu/h
Input 18 W

Heating*
Rated Capacity 10,900 Btu/h
Input 24 W

* Rating Conditions (Cooling) - Indoor: 80°F (27°C) DB, 67°F (19°C) WB; Outdoor: 95°F (35°C) DB, 75°F (24°C) WB.

(Heating at 47°F) - Indoor: 70°F (21°C) DB, 60°F (16°C) WB; Outdoor: 47°F (8°C) DB, 43°F (6°C) WB.
(For data on specific indoor units [all ducted, all non-ducted, and both ducted and non-ducted] combinations, see the MXZ Technical and Service Manual.)

Electrical Requirements

Power Supply 208 / 230V, 1-Phase, 60 Hz
MCA 1 A



Indoor Unit: MSZ-FD09NA



Wireless Remote Controller

Voltage

Indoor - Outdoor S1-S2 AC 208 / 230V
Indoor - Outdoor S2-S3 DC 12-24V
Indoor - Remote Controller Wireless

Fan Motor 0.76 F.L.A.

Airflow

Cooling (Lo - Med - Hi - Powerful) 162 - 226 - 339 - 381 Dry CFM
144 - 202 - 307 - 343 Wet CFM
Heating (Lo - Med - Hi - Powerful) 166 - 240 - 367 - 381 Dry CFM
Sound Pressure Level (Lo - Med - Hi - Powerful)
Cooling 22 - 31 - 39 - 42 dB(A)
Heating 22 - 31 - 40 - 42 dB(A)

DIMENSIONS	UNIT INCHES / MM
W	31-7/16 / 799
D	10-1/8 / 257
H	11-5/8 / 295

Weight 27 lbs. / 12 kg

External Finish Munsell No. 1.0Y 9.2 / 0.2
Field Drainpipe Size O.D. 5/8" / 15.88 mm

Refrigerant Type R410A

Refrigerant Pipe Size O.D.

Gas Side 3/8" / 9.52 mm

Liquid Side 1/4" / 6.35 mm

Connection Method Flared

MXZ MULTI-ZONE HEAT-PUMP OUTDOOR UNITS


Outdoor Unit: MXZ-3A30NA

MXZ MULTI-ZONE SYSTEMS CAN INCLUDE:

- All Horizontal-ducted Indoor Units:
SEZ-KD09, 12, 15, 18NA
 - Select Wall-mounted Indoor Units:
MSZ-A09, 12, 15, 17, 24NA
and
MSZ-FD09, 12NA
 - A combination of both Horizontal-ducted and Wall-mounted Indoor Units
- Refer to the separate submittal forms for the MSZ-A and MSZ-FD Indoor Units and MXZ Outdoor Units.

MXZ COMPATIBLE INDOOR UNITS AND REMOTE CONTROLLERS


Wall-mounted Indoor Unit: MSZ-A09, 12, 15, 17, 24NA



Wall-mounted Indoor Unit: MSZ-FD-NA

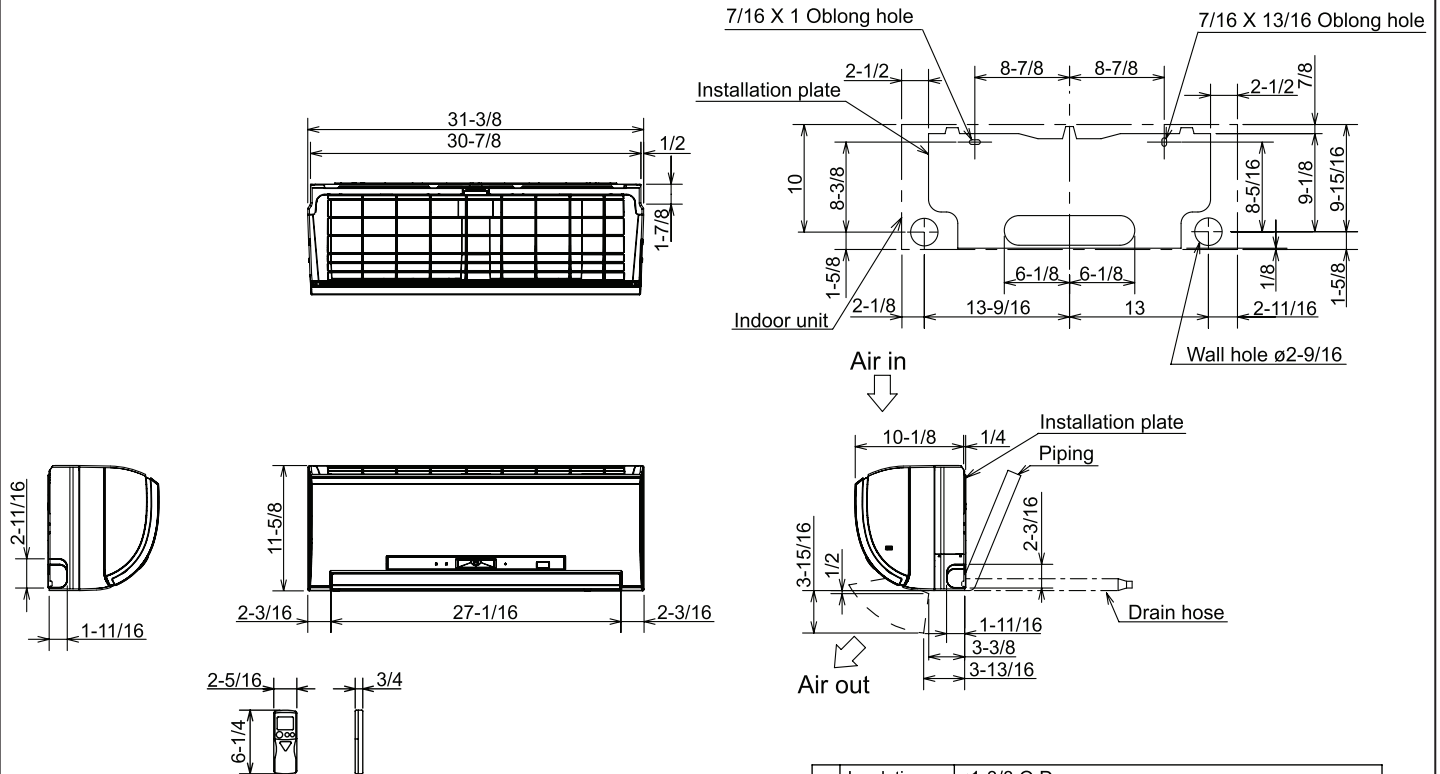

Wireless Remote Controller -
Packaged with MSZ-A and MSZ-FD
(Optional Wired Remote Controller
PAR-21MAA)


Horizontal-ducted Indoor Unit: SEZ-KD-NA


Remote Controller
PAR-21MAA -
Packaged with SEZ

INVERTER

DIMENSIONS: MSZ-FD09NA



Unit : inch

Piping	Insulation	$\varnothing 1-3/8$ O.D
	Liquid line	$\varnothing 1/4$ 19-11/16 (Flared connection $\varnothing 1/4$)
	Gas line	$\varnothing 3/8$ 16-15/16 (Flared connection $\varnothing 3/8$)
Drain hose		Insulation $\varnothing 1-1/8$ O.D Connected part $\varnothing 5/8$ O.D



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SUBMITTAL DATA: MSZ-FD12NA

12,000 BTU/H WALL-MOUNTED INDOOR UNIT FOR MXZ MULTI-ZONE HEAT-PUMP SYSTEMS

Job Name:	Location:	Date:
Purchaser:	Engineer:	
Submitted to:	For ☐ Reference ☐ Approval ☐ Construction	
System Designation:	Schedule No.:	

GENERAL FEATURES

- Highly energy-efficient system with quiet operation
- Updated sleek, compact indoor unit design
- Includes Standard, Platinum Deodorizing, and Anti-allergy Enzyme Filters for a complete air purifying system
- "Powerful Mode" function permits system to temporarily run at a lower/higher temperature with an increased fan speed, which quickly brings the room to the optimum comfort level
- Integrated i-see sensor automatically detects room air temperature
- Autochangeover for cooling and heating
- Wireless remote controller
- Limited warranty: one year on parts and defects

OPTIONAL ACCESSORIES

- M-NET Control Adapter (MAC-399IF)
- MA Contact Terminal Interface (MAC-397IF)
- Wired Remote Controller (PAR-21MAA; Requires MAC-3971F)
- Condensate Pump (SI3100-230; 230V)
- Replacement Platinum Deodorizing Filter (MAC-308FT)
- Replacement Anti-allergy Enzyme Filter (MAC-418FT; MERV 8)

Cooling*

Rated Capacity 12,000 Btu/h
Input 24 W

Heating*

Rated Capacity 13,600 Btu/h
Input 30 W

* Rating Conditions (Cooling) - Indoor: 80°F (27°C) DB, 67°F (19°C) WB; Outdoor: 95°F (35°C) DB, 75°F (24°C) WB.
(Heating at 47°F) - Indoor: 70°F (21°C) DB, 60°F (16°C) WB; Outdoor: 47°F (8°C) DB, 43°F (6°C) WB.
(For data on specific indoor units [all ducted, all non-ducted, and both ducted and non-ducted] combinations, see the MXZ Technical and Service Manual.)

Electrical Requirements

Power Supply 208 / 230V, 1-Phase, 60 Hz
MCA 1 A



Indoor Unit: MSZ-FD12NA



Wireless Remote Controller

Voltage

Indoor - Outdoor S1-S2 AC 208 / 230V
Indoor - Outdoor S2-S3 DC 12-24V
Indoor - Remote Controller Wireless

Fan Motor 0.76 F.L.A.

Airflow

Cooling (Lo - Med - Hi - Powerful) 162 - 226 - 381 - 410 Dry CFM
144 - 202 - 350 - 367 Wet CFM
Heating (Lo - Med - Hi - Powerful) 166 - 240 - 399 - 420 Dry CFM
Sound Pressure Level (Lo - Med - Hi - Powerful)
Cooling 22 - 33 - 43 - 45 dB(A)
Heating 22 - 33 - 43 - 44 dB(A)

DIMENSIONS	UNIT INCHES / MM
W	31-7/16 / 799
D	10-1/8 / 257
H	11-5/8 / 295

Weight 27 lbs. / 12 kg

External Finish Munsell No. 1.0Y 9.2 / 0.2
Field Drainpipe Size O.D. 5/8" / 15.88 mm

Refrigerant Type R410A

Refrigerant Pipe Size O.D.

Gas Side 3/8" / 9.52 mm

Liquid Side 1/4" / 6.35 mm

Connection Method Flared

MXZ MULTI-ZONE HEAT-PUMP OUTDOOR UNITS


Outdoor Unit: MXZ-3A30NA

MXZ MULTI-ZONE SYSTEMS CAN INCLUDE:

- All Horizontal-ducted Indoor Units:
SEZ-KD09, 12, 15, 18NA
 - Select Wall-mounted Indoor Units:
MSZ-A09, 12, 15, 17, 24NA
and
MSZ-FD09, 12NA
 - A combination of both Horizontal-ducted and Wall-mounted Indoor Units
- Refer to the separate submittal forms for the MSZ-A and MSZ-FD Indoor Units and MXZ Outdoor Units.

MXZ COMPATIBLE INDOOR UNITS AND REMOTE CONTROLLERS


Wall-mounted Indoor Unit: MSZ-A09, 12, 15, 17, 24NA



Wall-mounted Indoor Unit: MSZ-FD-NA

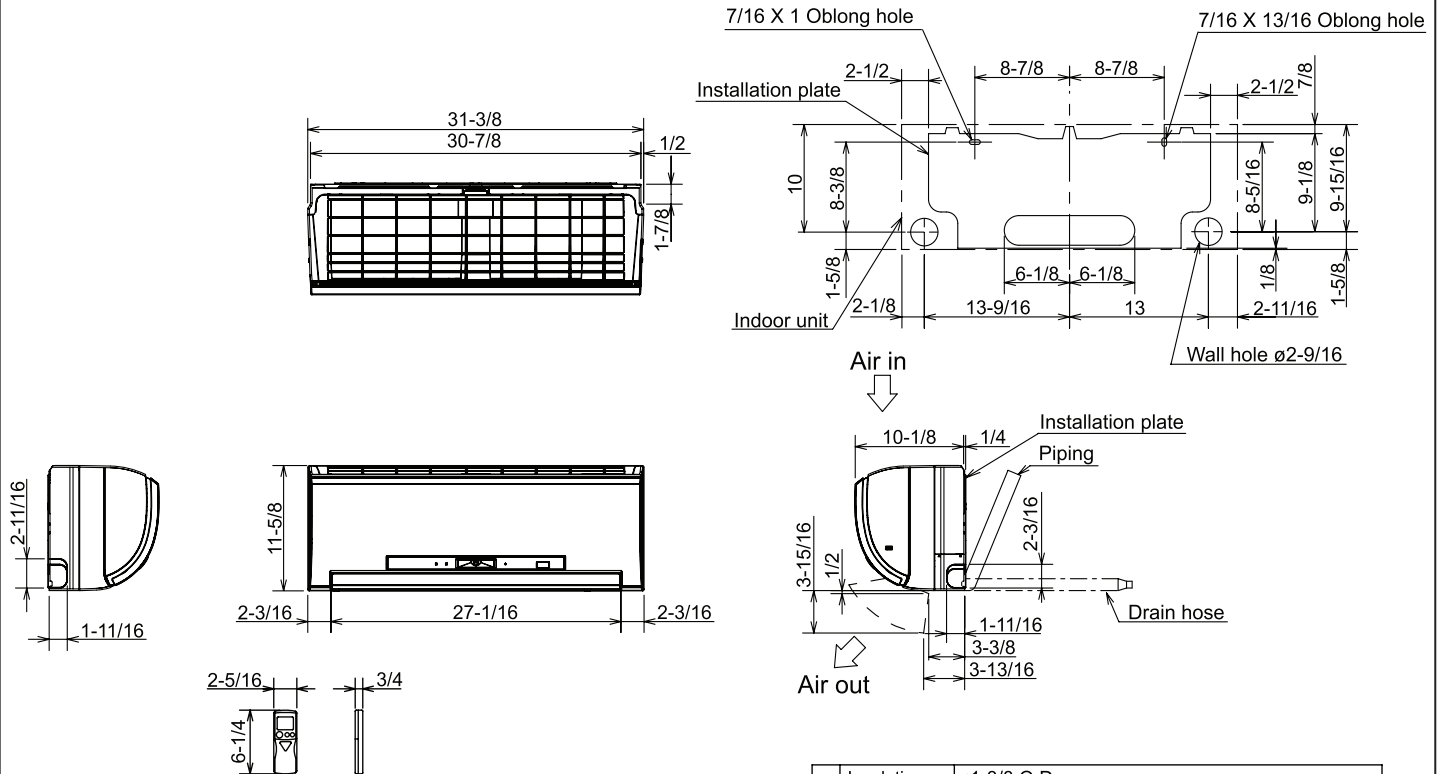

Wireless Remote Controller -
Packaged with MSZ-A and MSZ-FD
(Optional Wired Remote Controller
PAR-21MAA)


Horizontal-ducted Indoor Unit: SEZ-KD-NA


Remote Controller
PAR-21MAA -
Packaged with SEZ

INVERTER

DIMENSIONS: MSZ-FD12NA



Piping	Insulation	$\varnothing 1-3/8$ O.D
	Liquid line	$\varnothing 1/4$ 19-11/16 (Flared connection $\varnothing 1/4$)
	Gas line	$\varnothing 3/8$ 16-15/16 (Flared connection $\varnothing 3/8$)
Drain hose		Insulation $\varnothing 1-1/8$ O.D Connected part $\varnothing 5/8$ O.D



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SUBMITTAL DATA: SEZ-KD09NA

9,000 BTU/H HORIZONTAL-DUCTED INDOOR UNIT FOR MXZ MULTI-ZONE HEAT-PUMP SYSTEMS

Job Name:	Location:	Date:
Purchaser:	Engineer:	
Submitted to:	For ☐ Reference ☐ Approval ☐ Construction	
System Designation:	Schedule No.:	

GENERAL FEATURES

- Ceiling-concealed ducted indoor unit for residential applications
- Ultra thin body: 7-7/8" high
- Built-in drain mechanism for condensate removal; lifts to 21-11/16"
- Air filter is included with indoor unit
- Quiet operation — as low as 23 dBA
- PAR-21MAA wired remote controller is included
- Indoor unit powered from outdoor unit using A-Control
- Automatic fan speed control
- Auto restart following a power outage
- Limited warranty: one year on parts and defects

OPTIONAL ACCESSORIES

- M-NET Control Adapter (MAC-399IF)
- External Heat Adapter (PAC-YU25HT)
- CN24 Relay Kit (CN24RELAY-KIT-CM)
- Three-pole Disconnect Switch (TAZ-MS303)

Cooling*

Rated Capacity 9,000 Btu/h
Total Input 60 W
Current 0.51 A

Heating*

Rated Capacity 10,900 Btu/h
Total Input 40 W
Current 0.39 A

* Rating Conditions (Cooling) - Indoor: 80°F (27°C) DB / 67°F (19°C) WB.
Outdoor: 95°F (35°C) DB / 75°F (24°C) WB.

(Heating) - Indoor: 70°F (21°C) DB / 60°F (16°C) WB. Outdoor: 47°F (8°C) DB / 43°F (6°C) WB.

(For data on specific indoor units [all ducted, all non-ducted, and both ducted and non-ducted] combinations, see the MXZ Technical and Service Manual.)

Electrical Requirements

Power Supply 208 / 230V, 1-Phase, 60 Hz
MCA 1 A

Voltage

Indoor - Outdoor S1-S2 AC 208 / 230V
Indoor - Outdoor S2-S3 DC 24V



Indoor Unit: SEZ-KD09NA



Remote Controller: PAR-21MAA

Fan

Type x Quantity Sirocco Fan x 2
Motor Direct-driven DC Brushless Motor
Motor Output 96 W
Airflow (Lo - Med - Hi) 194 - 247 - 317 CFM
Air Filter Polypropylene Honeycomb
External Static Pressure 0.02 - 0.06 - 0.14 - 0.20" WG
Sound Pressure Level (Lo - Med - Hi) 23 - 26 - 30 dB(A)

DIMENSIONS	UNIT INCHES / MM
W	31-1/8 / 790
D	27-9/16 / 700
H	7-7/8 / 200

Weight 40 lbs. / 18 kg

Field Drainpipe Size O.D. 1-1/4" / 32 mm
Wall-mounted Remote Controller PAR-21MAA
(See Data Submittal Sheet)

Refrigerant Type R410A
Refrigerant Pipe Size O.D.
Gas Side 3/8" / 9.52 mm
Liquid Side 1/4" / 6.35 mm
Connection Method Flared

MXZ MULTI-ZONE HEAT-PUMP OUTDOOR UNITS


Outdoor Unit: MXZ-3A30NA

MXZ MULTI-ZONE SYSTEMS CAN INCLUDE:

- All Horizontal-ducted Indoor Units:
SEZ-KD09, 12, 15, 18NA
 - Select Wall-mounted Indoor Units:
MSZ-A09, 12, 15, 17, 24NA
and
MSZ-FD09, 12NA
 - A combination of both Horizontal-ducted and Wall-mounted Indoor Units
- Refer to the separate submittal forms for the MSZ-A and MSZ-FD Indoor Units and MXZ Outdoor Units.

MXZ COMPATIBLE INDOOR UNITS AND REMOTE CONTROLLERS


Wall-mounted Indoor Unit: MSZ-A09, 12, 15, 17, 24NA



Wall-mounted Indoor Unit: MSZ-FD-NA


Wireless Remote Controller -
Packaged with MSZ-A and MSZ-FD
(Optional Wired Remote Controller
PAR-21MAA)


Horizontal-ducted Indoor Unit: SEZ-KD-NA

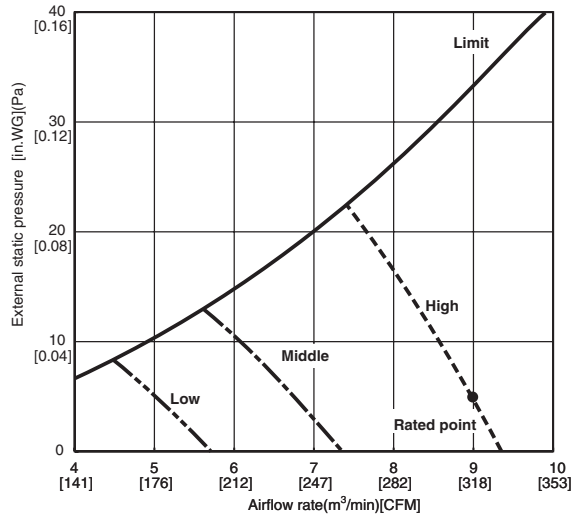

Remote Controller
PAR-21MAA -
Packaged with SEZ

INVERTER

SEZ-KD09NA INDOOR FAN PERFORMANCE AND CORRECTED AIR FLOW CHARTS

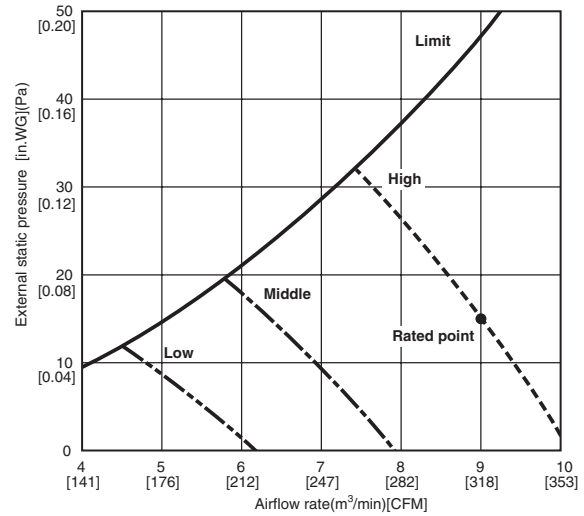
SEZ-KD09NA

(External static pressure 0.02[in.WG](5Pa)) 208/230V 60Hz



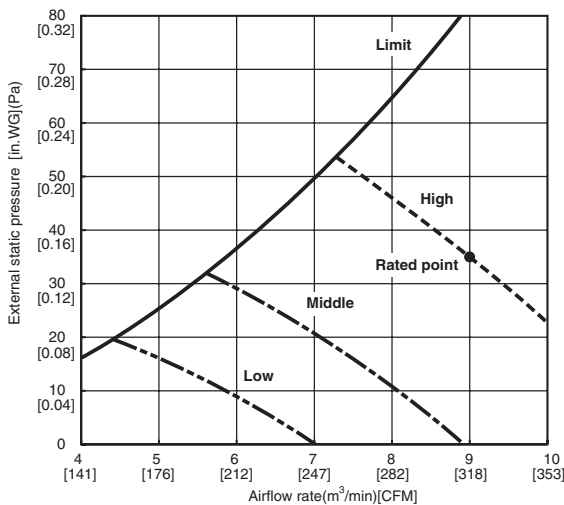
SEZ-KD09NA

(External static pressure 0.06[in.WG](15Pa)) 208/230V 60Hz



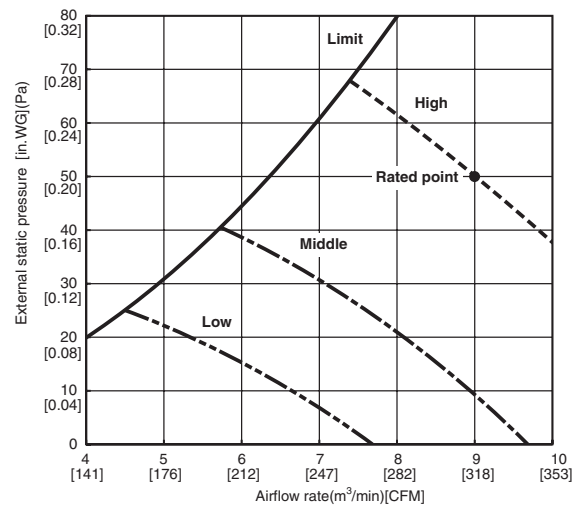
SEZ-KD09NA

(External static pressure 0.14[in.WG](35Pa)) 208/230V 60Hz



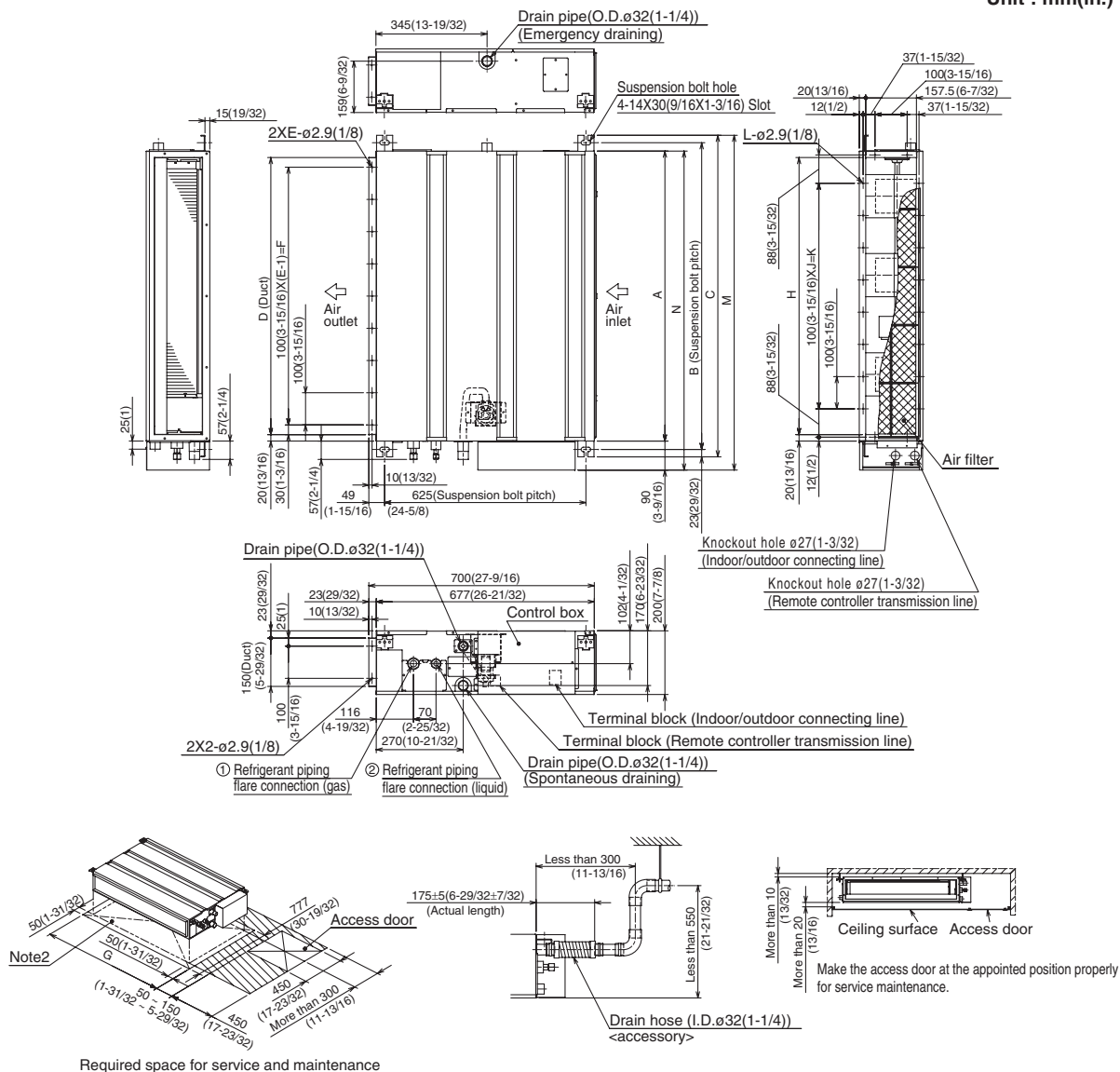
SEZ-KD09NA

(External static pressure 0.20[in.WG](50Pa)) 208/230V 60Hz



DIMENSIONS: SEZ-KD09NA

Unit : mm(in.)



mm(in.)

Model	A	B	C	D	E	F	G	H	J	K	L	M	N	① Gas pipe	② Liquid pipe
SEZ-KD09NA	700 (27-9/16)	752 (29-3/8)	798 (31-7/16)	660 (26)	7	600 (23-5/8)	800 (31-1/2)	660 (26)	5	500 (19-11/16)	16	839 (33-1/8)	790 (31-1/8)	ø9.52(3/8)	ø6.35(1/4)
SEZ-KD12NA	900 (35-7/16)	952 (37-1/2)	998 (39-5/16)	860 (33-7/8)	9	800 (31-1/2)	1000 (39-3/8)	860 (33-7/8)	7	700 (27-9/16)	20	1039 (40-29/32)	990 (39)		
SEZ-KD15NA	1100 (43-5/16)	1152 (45-3/8)	1198 (47-3/16)	1060 (41-3/4)	11	1000 (39-3/8)	1200 (47-1/4)	1060 (41-3/4)	9	900 (35-7/16)	24	1239 (48-25/32)	1190 (46-7/8)		

- Note1. Use M10 screw for the suspension bolt (field supply).
 Note2. Keep the service space for the maintenance at the bottom.
 Note3. This chart indicates for SEZ-KD15NA model, which has 3 fans.
 SEZ-KD09, 12NA models have 2 fans.
 SEZ-KD18NA models have 4 fans.
 Note4. In case an inlet duct is used, remove the air filter (supply with the unit), then install the filter (field supply) at suction side.



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SUBMITTAL DATA: SEZ-KD12NA

12,000 BTU/H HORIZONTAL-DUCTED INDOOR UNIT FOR MXZ MULTI-ZONE HEAT-PUMP SYSTEMS

Job Name:	Location:	Date:
Purchaser:	Engineer:	
Submitted to:	For ☐ Reference ☐ Approval ☐ Construction	
System Designation:	Schedule No.:	

GENERAL FEATURES

- Ceiling-concealed ducted indoor unit for residential applications
- Ultra thin body: 7-7/8" high
- Built-in drain mechanism for condensate removal; lifts to 21-11/16"
- Air filter is included with indoor unit
- Quiet operation — as low as 23 dBA
- PAR-21MAA wired remote controller is included
- Indoor unit powered from outdoor unit using A-Control
- Automatic fan speed control
- Auto restart following a power outage
- Limited warranty: one year on parts and defects

OPTIONAL ACCESSORIES

- M-NET Control Adapter (MAC-399IF)
- External Heat Adapter (PAC-YU25HT)
- CN24 Relay Kit (CN24RELAY-KIT-CM)
- Three-pole Disconnect Switch (TAZ-MS303)

Cooling*

Rated Capacity.....12,000 Btu/h
Total Input......70 W
Current......0.57 A

Heating*

Rated Capacity.....13,600 Btu/h
Total Input......50 W
Current......0.46 A

* Rating Conditions (Cooling) - Indoor: 80°F (27°C) DB / 67°F (19°C) WB.
Outdoor: 95°F (35°C) DB / 75°F (24°C) WB.
(Heating) - Indoor: 70°F (21°C) DB / 60°F (16°C) WB. Outdoor: 47°F (8°C) DB / 43°F (6°C) WB.

(For data on specific indoor units [all ducted, all non-ducted, and both ducted and non-ducted] combinations, see the MXZ Technical and Service Manual.)

Electrical Requirements

Power Supply.....208 / 230V, 1-Phase, 60 Hz
MCA......1 A

Voltage

Indoor - Outdoor S1-S2.....AC 208 / 230V
Indoor - Outdoor S2-S3.....DC 24V



Indoor Unit: SEZ-KD12NA



Remote Controller: PAR-21MAA

Fan

Type x Quantity.....Sirocco Fan x 2
Motor.....Direct-driven DC Brushless Motor
Motor Output......96 W
Airflow (Lo - Med - Hi).....247 - 317 - 388 CFM
Air Filter.....Polypropylene Honeycomb
External Static Pressure.....0.02 - 0.06 - 0.14 - 0.20" WG
Sound Pressure Level (Lo - Med - Hi)......23 - 28 - 33 dB(A)

DIMENSIONS	UNIT INCHES / MM
W	39 / 990
D	27-9/16 / 700
H	7-7/8 / 200

Weight.....46 lbs. / 21 kg

Field Drainpipe Size O.D.....1-1/4" / 32 mm

Wall-mounted Remote Controller.....PAR-21MAA
(See Data Submittal Sheet)

Refrigerant Type.....R410A

Refrigerant Pipe Size O.D.

Gas Side.....3/8" / 9.52 mm

Liquid Side.....1/4" / 6.35 mm

Connection Method.....Flared

MXZ MULTI-ZONE HEAT-PUMP OUTDOOR UNITS


Outdoor Unit: MXZ-3A30NA

MXZ MULTI-ZONE SYSTEMS CAN INCLUDE:

- All Horizontal-ducted Indoor Units:
SEZ-KD09, 12, 15, 18NA
 - Select Wall-mounted Indoor Units:
MSZ-A09, 12, 15, 17, 24NA
and
MSZ-FD09, 12NA
 - A combination of both Horizontal-ducted and Wall-mounted Indoor Units
- Refer to the separate submittal forms for the MSZ-A and MSZ-FD Indoor Units and MXZ Outdoor Units.

MXZ COMPATIBLE INDOOR UNITS AND REMOTE CONTROLLERS


Wall-mounted Indoor Unit: MSZ-A09, 12, 15, 17, 24NA



Wall-mounted Indoor Unit: MSZ-FD-NA


Wireless Remote Controller -
Packaged with MSZ-A and MSZ-FD
(Optional Wired Remote Controller
PAR-21MAA)


Horizontal-ducted Indoor Unit: SEZ-KD-NA

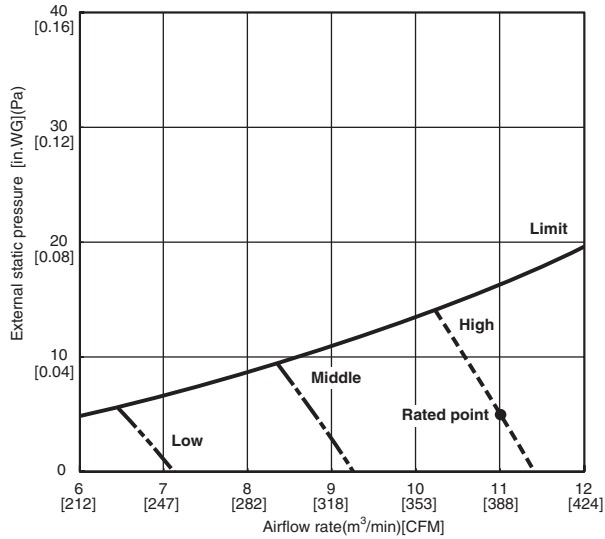

Remote Controller
PAR-21MAA -
Packaged with SEZ

INVERTER

SEZ-KD12NA INDOOR FAN PERFORMANCE AND CORRECTED AIR FLOW CHARTS

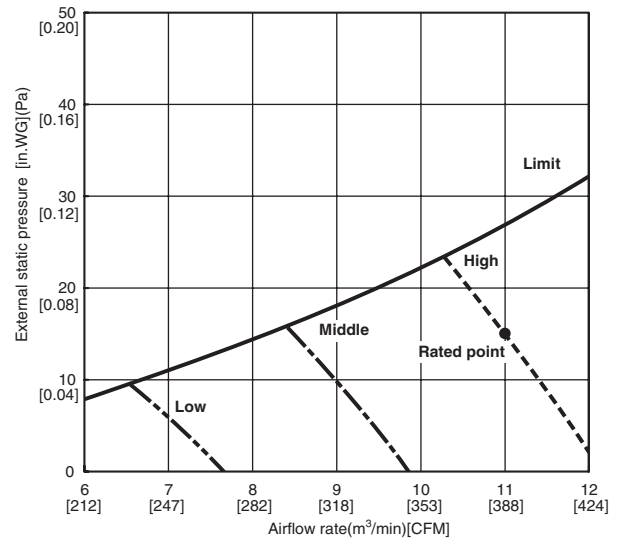
SEZ-KD12NA

(External static pressure 0.02[in.WG](5Pa)) 208/230V 60Hz



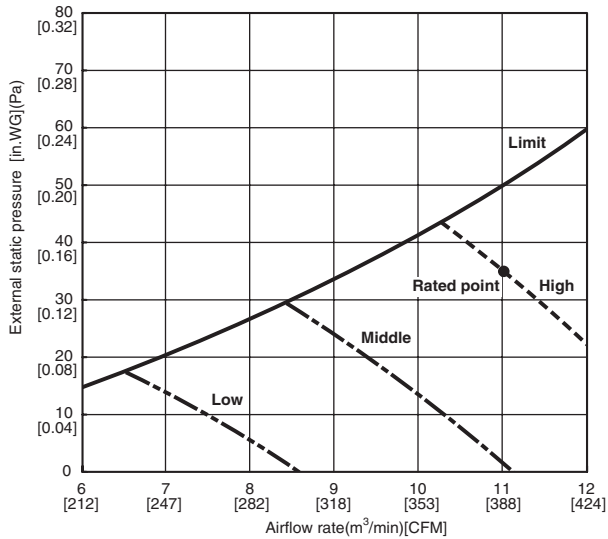
SEZ-KD12NA

(External static pressure 0.06[in.WG](15Pa)) 208/230V 60Hz



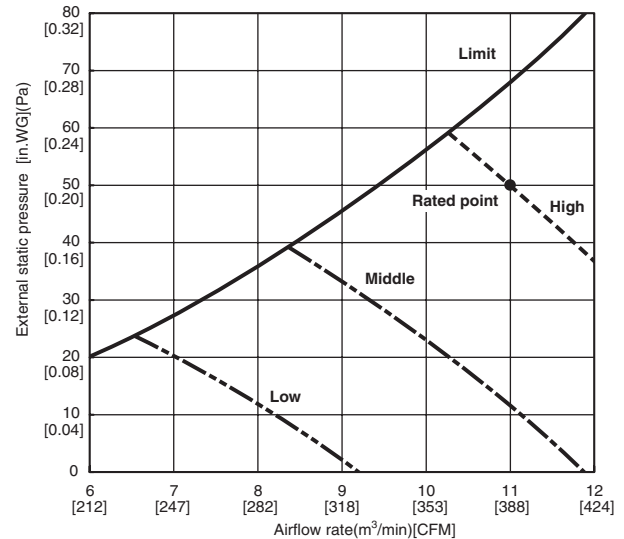
SEZ-KD12NA

(External static pressure 0.14[in.WG](35Pa)) 208/230V 60Hz



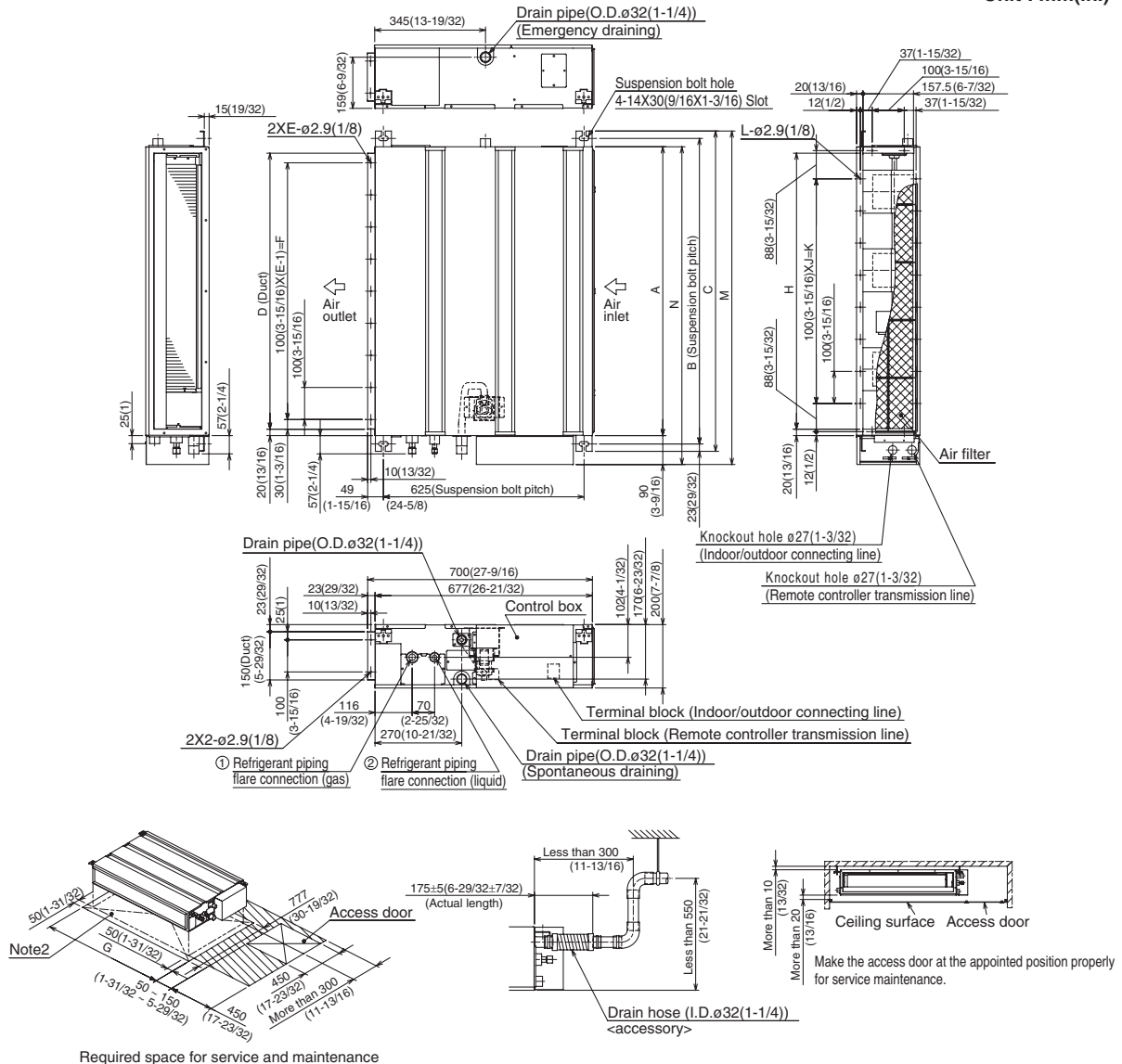
SEZ-KD12NA

(External static pressure 0.20[in.WG](50Pa)) 208/230V 60Hz



DIMENSIONS: SEZ-KD12NA

Unit : mm(in.)



Required space for service and maintenance

														mm(in.)	
Model	A	B	C	D	E	F	G	H	J	K	L	M	N	① Gas pipe	② Liquid pipe
SEZ-KD09NA	700 (27.91)	752 (29.58)	798 (31.71)	660 (26)	7	600 (23.58)	800 (31.12)	660 (26)	5	500 (19.11)	16	839 (33.16)	790 (31.18)	ø9.52(3/8)	ø6.35(1/4)
SEZ-KD12NA	900 (35.71)	952 (37.12)	998 (39.31)	860 (33.78)	9	800 (31.12)	1000 (39.38)	860 (33.78)	7	700 (27.91)	20	1039 (40.29)	990 (39)		
SEZ-KD15NA															
SEZ-KD18NA	1100 (43.11)	1152 (45.30)	1198 (47.12)	1060 (41.34)	11	1000 (39.38)	1200 (47.14)	1060 (41.34)	9	900 (35.71)	24	1239 (48.29)	1190 (46.78)	ø12.7(1/2)	

- Note1. Use M10 screw for the suspension bolt (field supply).
2. Keep the service space for the maintenance at the bottom.
3. This chart indicates for SEZ-KD15NA model, which has 3 fans.
SEZ-KD09, 12NA models have 2 fans.
SEZ-KD18NA models have 4 fans.
4. In case an inlet duct is used, remove the air filter (supply with the unit), then install the filter (field supply) at suction side.



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SUBMITTAL DATA: SEZ-KD15NA

15,000 BTU/H HORIZONTAL-DUCTED INDOOR UNIT FOR MXZ MULTI-ZONE HEAT-PUMP SYSTEMS

Job Name:	Location:	Date:
Purchaser:	Engineer:	
Submitted to:	For ☐ Reference ☐ Approval ☐ Construction	
System Designation:	Schedule No.:	

GENERAL FEATURES

- Ceiling-concealed ducted indoor unit for residential applications
- Ultra thin body: 7-7/8" high
- Built-in drain mechanism for condensate removal; lifts to 21-11/16"
- Air filter is included with indoor unit
- Quiet operation — as low as 23 dBA
- PAR-21MAA wired remote controller is included
- Indoor unit powered from outdoor unit using A-Control
- Automatic fan speed control
- Auto restart following a power outage
- Limited warranty: one year on parts and defects

OPTIONAL ACCESSORIES

- M-NET Control Adapter (MAC-399IF)
- External Heat Adapter (PAC-YU25HT)
- CN24 Relay Kit (CN24RELAY-KIT-CM)
- Three-pole Disconnect Switch (TAZ-MS303)

Cooling*

Rated Capacity.....15,000 Btu/h
Total Input.....90 W
Current.....0.74 A

Heating*

Rated Capacity.....18,000 Btu/h
Total Input.....70 W
Current.....0.63 A

* Rating Conditions (Cooling) - Indoor: 80°F (27°C) DB / 67°F (19°C) WB.
Outdoor: 95°F (35°C) DB / 75°F (24°C) WB.
(Heating) - Indoor: 70°F (21°C) DB / 60°F (16°C) WB. Outdoor: 47°F (8°C) DB / 43°F (6°C) WB.

(For data on specific indoor units [all ducted, all non-ducted, and both ducted and non-ducted] combinations, see the MXZ Technical and Service Manual.)

Electrical Requirements

Power Supply.....208 / 230V, 1-Phase, 60 Hz
MCA.....1 A

Voltage

Indoor - Outdoor S1-S2.....AC 208 / 230V
Indoor - Outdoor S2-S3.....DC 24V



Indoor Unit: SEZ-KD15NA



Remote Controller: PAR-21MAA

Fan

Type x Quantity.....Sirocco Fan x 3
Motor.....Direct-driven DC Brushless Motor
Motor Output.....96 W
Airflow (Lo - Med - Hi).....353 - 441 - 529 CFM
Air Filter.....Polypropylene Honeycomb
External Static Pressure.....0.02 - 0.06 - 0.14 - 0.20" WG
Sound Pressure Level (Lo - Med - Hi).....30 - 34 - 37 dB(A)

DIMENSIONS	UNIT INCHES / MM
W	39 / 990
D	27-9/16 / 700
H	7-7/8 / 200

Weight.....51 lbs. / 23 kg

Field Drainpipe Size O.D.....1-1/4" / 32 mm

Wall-mounted Remote Controller.....PAR-21MAA
(See Data Submittal Sheet)

Refrigerant Type.....R410A

Refrigerant Pipe Size O.D.

Gas Side.....1/2" / 12.7 mm

Liquid Side.....1/4" / 6.35 mm

Connection Method.....Flared

MXZ MULTI-ZONE HEAT-PUMP OUTDOOR UNITS


Outdoor Unit: MXZ-3A30NA

MXZ MULTI-ZONE SYSTEMS CAN INCLUDE:

- All Horizontal-ducted Indoor Units:
SEZ-KD09, 12, 15, 18NA
 - Select Wall-mounted Indoor Units:
MSZ-A09, 12, 15, 17, 24NA
and
MSZ-FD09, 12NA
 - A combination of both Horizontal-ducted and Wall-mounted Indoor Units
- Refer to the separate submittal forms for the MSZ-A and MSZ-FD Indoor Units and MXZ Outdoor Units.

MXZ COMPATIBLE INDOOR UNITS AND REMOTE CONTROLLERS


Wall-mounted Indoor Unit: MSZ-A09, 12, 15, 17, 24NA



Wall-mounted Indoor Unit: MSZ-FD-NA


Wireless Remote Controller -
Packaged with MSZ-A and MSZ-FD
(Optional Wired Remote Controller
PAR-21MAA)

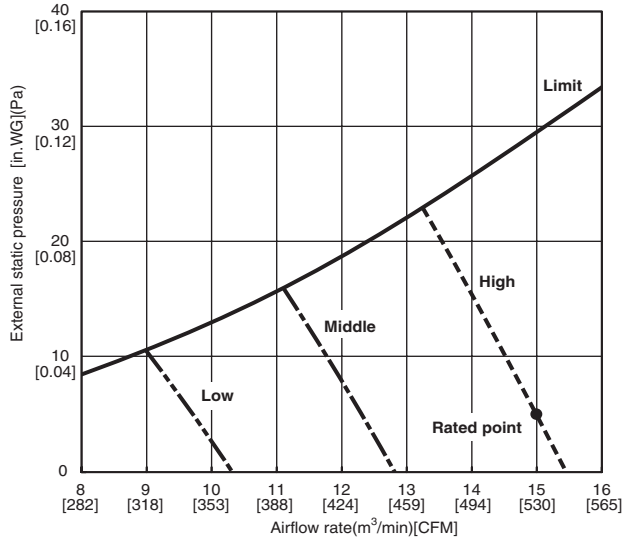

Horizontal-ducted Indoor Unit: SEZ-KD-NA


Remote Controller
PAR-21MAA -
Packaged with SEZ


SEZ-KD15NA INDOOR FAN PERFORMANCE AND CORRECTED AIR FLOW CHARTS

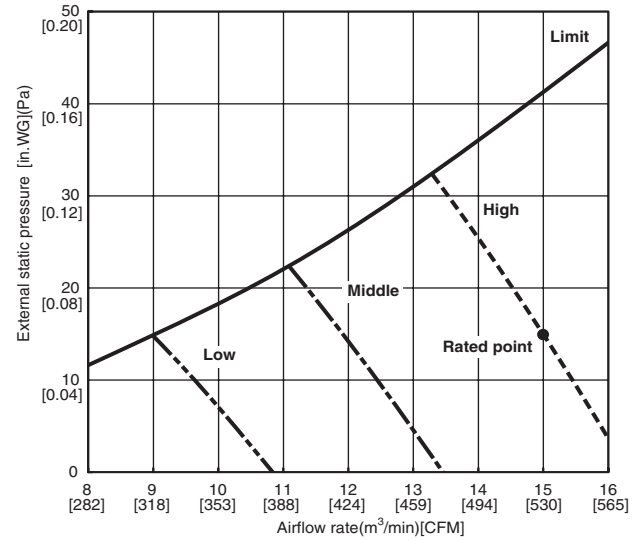
SEZ-KD15NA

(External static pressure 0.02[in.WG](5Pa)) 208/230V 60Hz



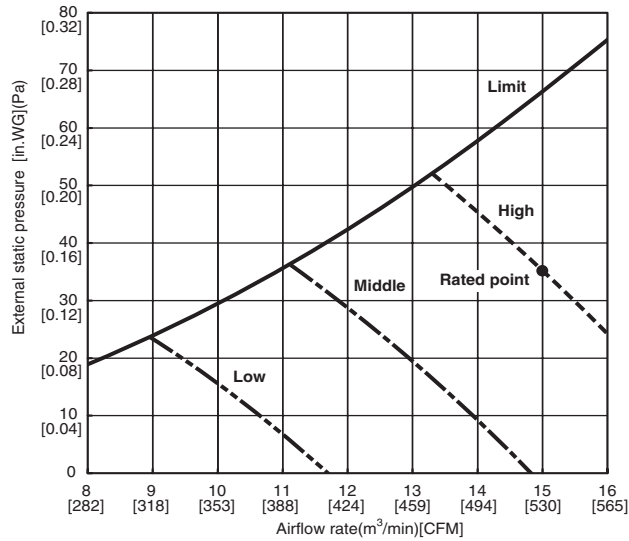
SEZ-KD15NA

(External static pressure 0.06[in.WG](15Pa)) 208/230V 60Hz



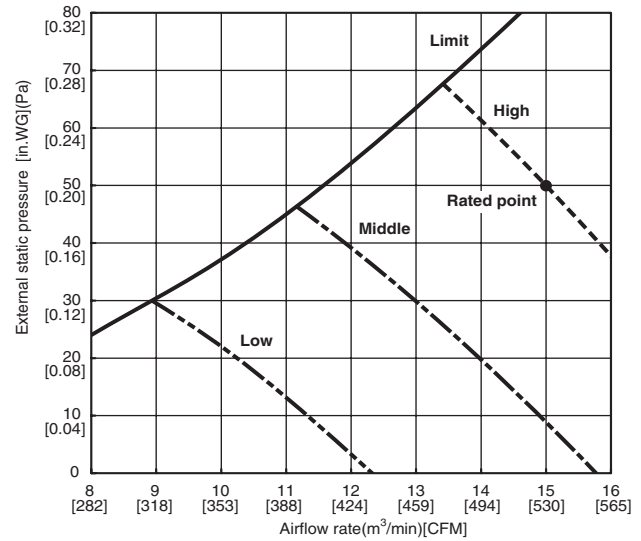
SEZ-KD15NA

(External static pressure 0.14[in.WG](35Pa)) 208/230V 60Hz



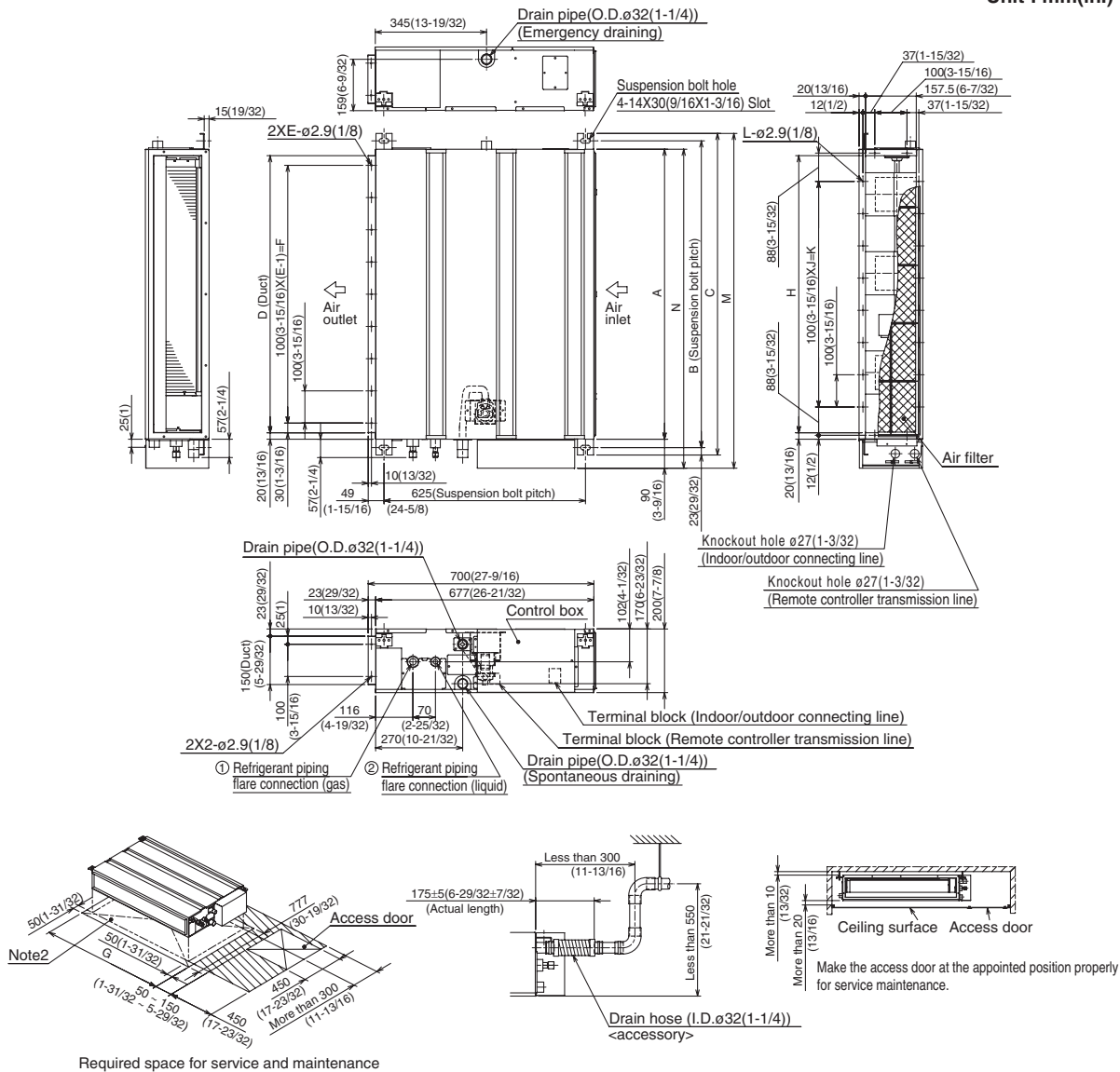
SEZ-KD15NA

(External static pressure 0.20[in.WG](50Pa)) 208/230V 60Hz



DIMENSIONS: SEZ-KD15NA

Unit : mm(in.)



															mm(in.)	
Model	A	B	C	D	E	F	G	H	J	K	L	M	N	① Gas pipe	② Liquid pipe	
SEZ-KD09NA	700 (27.916)	752 (29.58)	798 (31.716)	660 (26)	7	800 (31.5)	800 (31.12)	660 (26)	5	500 (19.116)	16	839 (33.116)	790 (31.18)	ø9.52(3/8)	ø6.35(1/4)	
SEZ-KD12NA	900 (35.716)	952 (37.12)	998 (39.316)	860 (33.78)	9	800 (31.12)	1000 (39.3)	860 (33.78)	7	700 (27.916)	20	1039 (40.232)	990 (39)			
SEZ-KD15NA																
SEZ-KD18NA	1100 (45.216)	1152 (45.38)	1198 (47.316)	1060 (41.34)	11	1000 (39.3)	1200 (47.14)	1060 (41.34)	9	900 (35.716)	24	1239 (48.252)	1190 (46.78)			

- Note 1. Use M10 screw for the suspension bolt (field supply).
2. Keep the service space for the maintenance at the bottom.
3. This chart indicates for SEZ-KD15NA model, which has 3 fans.
SEZ-KD09, 12NA models have 2 fans.
SEZ-KD18NA models have 4 fans.
4. In case an inlet duct is used, remove the air filter (supply with the unit), then install the filter (field supply) at section side.



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SUBMITTAL DATA: SEZ-KD18NA

18,000 BTU/H HORIZONTAL-DUCTED INDOOR UNIT FOR MXZ MULTI-ZONE HEAT-PUMP SYSTEMS

Job Name: _____	Location: _____	Date: _____
Purchaser: _____	Engineer: _____	
Submitted to: _____	For ☐ Reference ☐ Approval ☐ Construction	
System Designation: _____	Schedule No.: _____	

GENERAL FEATURES

- Ceiling-concealed ducted indoor unit for residential applications
- Ultra thin body: 7-7/8" high
- Built-in drain mechanism for condensate removal; lifts to 21-11/16"
- Air filter is included with indoor unit
- Quiet operation — as low as 23 dBA
- PAR-21MAA wired remote controller is included
- Indoor unit powered from outdoor unit using A-Control
- Automatic fan speed control
- Auto restart following a power outage
- Limited warranty: one year on parts and defects

OPTIONAL ACCESSORIES

- M-NET Control Adapter (MAC-399IF)
- External Heat Adapter (PAC-YU25HT)
- CN24 Relay Kit (CN24RELAY-KIT-CM)
- Three-pole Disconnect Switch (TAZ-MS303)

Cooling*

Rated Capacity 17,200 Btu/h
Total Input 90 W
Current 0.74 A

Heating*

Rated Capacity 20,100 Btu/h
Total Input 70 W
Current 0.63 A

* Rating Conditions (Cooling) - Indoor: 80°F (27°C) DB / 67°F (19°C) WB.
Outdoor: 95°F (35°C) DB / 75°F (24°C) WB.
(Heating) - Indoor: 70°F (21°C) DB / 60°F (16°C) WB. Outdoor: 47°F (8°C) DB / 43°F (6°C) WB.

(For data on specific indoor units [all ducted, all non-ducted, and both ducted and non-ducted] combinations, see the MXZ Technical and Service Manual.)

Electrical Requirements

Power Supply 208 / 230V, 1-Phase, 60 Hz
MCA 1 A

Voltage

Indoor - Outdoor S1-S2 AC 208 / 230V
Indoor - Outdoor S2-S3 DC 24V



Indoor Unit: SEZ-KD18NA



Remote Controller: PAR-21MAA

Fan

Type x Quantity Sirocco Fan x 4
Motor Direct-driven DC Brushless Motor
Motor Output 96 W
Airflow (Lo - Med - Hi) 423 - 529 - 635 CFM
Air Filter Polypropylene Honeycomb
External Static Pressure 0.02 - 0.06 - 0.14 - 0.20" WG
Sound Pressure Level (Lo - Med - Hi) 30 - 34 - 38 dB(A)

DIMENSIONS	UNIT INCHES / MM
W	46-7/8 / 1,190
D	27-9/16 / 700
H	7-7/8 / 200

Weight 60 lbs. / 27 kg

Field Drainpipe Size O.D. 1-1/4" / 32 mm

Wall-mounted Remote Controller PAR-21MAA
(See Data Submittal Sheet)

Refrigerant Type R410A

Refrigerant Pipe Size O.D.

Gas Side 1/2" / 12.7 mm

Liquid Side 1/4" / 6.35 mm

Connection Method Flared

MXZ MULTI-ZONE HEAT-PUMP OUTDOOR UNITS


Outdoor Unit: MXZ-3A30NA

MXZ MULTI-ZONE SYSTEMS CAN INCLUDE:

- All Horizontal-ducted Indoor Units:
SEZ-KD09, 12, 15, 18NA
 - Select Wall-mounted Indoor Units:
MSZ-A09, 12, 15, 17, 24NA
and
MSZ-FD09, 12NA
 - A combination of both Horizontal-ducted and Wall-mounted Indoor Units
- Refer to the separate submittal forms for the MSZ-A and MSZ-FD Indoor Units and MXZ Outdoor Units.

MXZ COMPATIBLE INDOOR UNITS AND REMOTE CONTROLLERS


Wall-mounted Indoor Unit: MSZ-A09, 12, 15, 17, 24NA



Wall-mounted Indoor Unit: MSZ-FD-NA


Wireless Remote Controller -
Packaged with MSZ-A and MSZ-FD
(Optional Wired Remote Controller
PAR-21MAA)


Horizontal-ducted Indoor Unit: SEZ-KD-NA

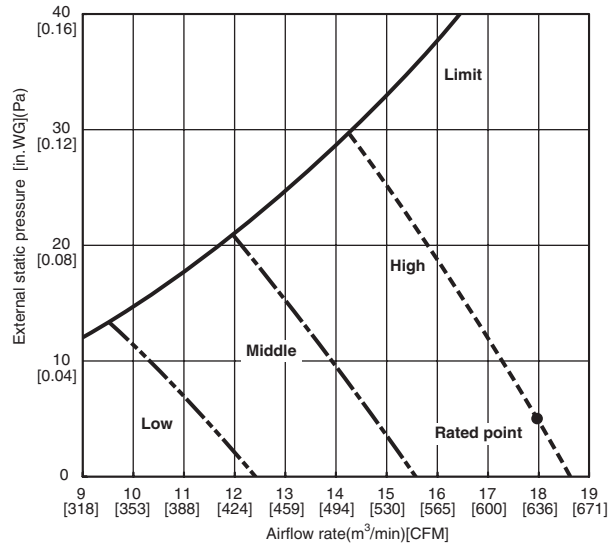

Remote Controller
PAR-21MAA -
Packaged with SEZ

INVERTER

SEZ-KD18NA INDOOR FAN PERFORMANCE AND CORRECTED AIR FLOW CHARTS

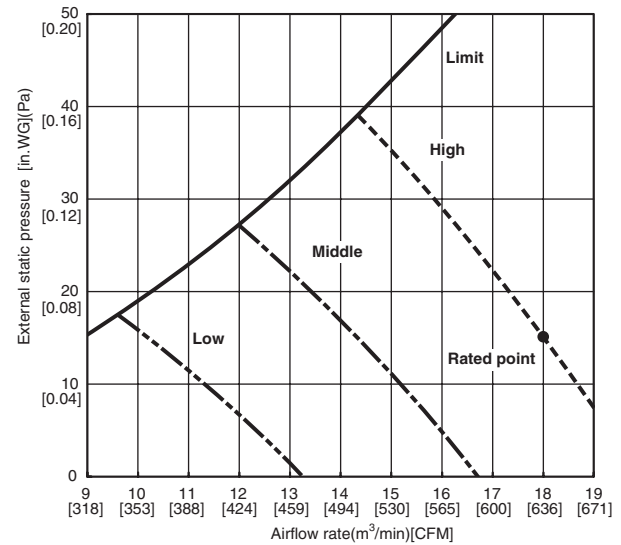
SEZ-KD18NA

(External static pressure 0.02[in.WG](5Pa)) 208/230V 60Hz



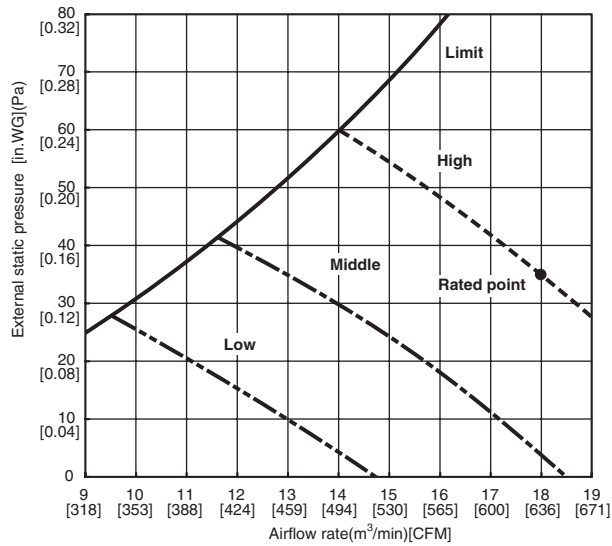
SEZ-KD18NA

(External static pressure 0.06[in.WG](15Pa)) 208/230V 60Hz



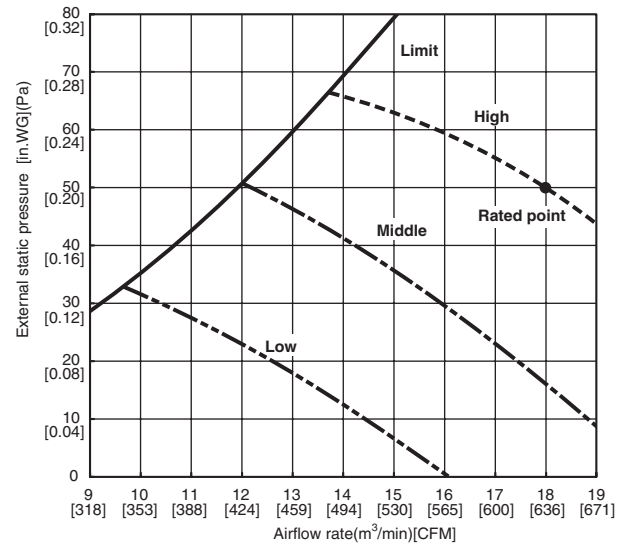
SEZ-KD18NA

(External static pressure 0.14[in.WG](35Pa)) 208/230V 60Hz



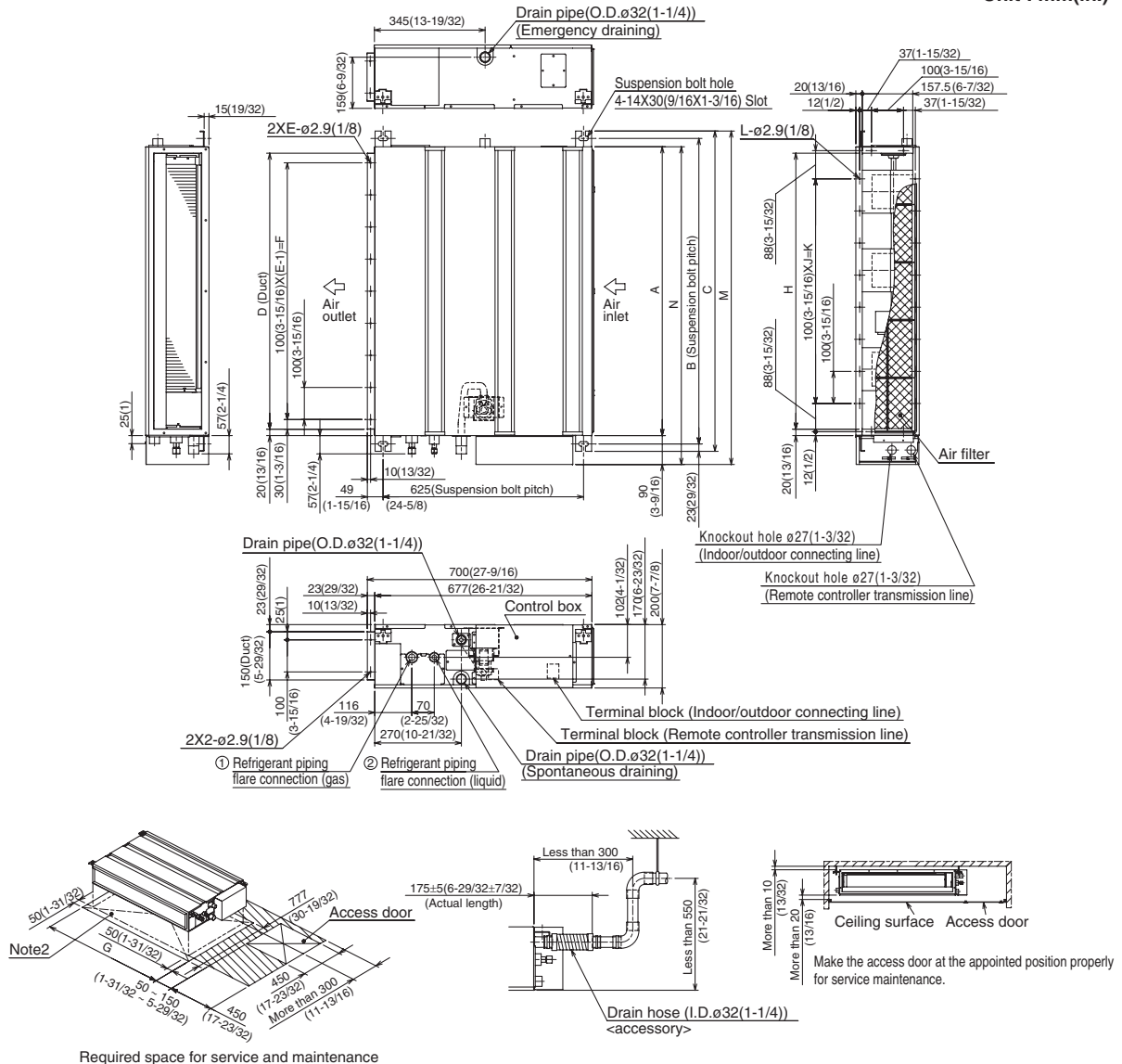
SEZ-KD18NA

(External static pressure 0.20[in.WG](50Pa)) 208/230V 60Hz



DIMENSIONS: SEZ-KD18NA

Unit : mm(in.)



															mm(in.)	
Model	A	B	C	D	E	F	G	H	J	K	L	M	N	① Gas pipe	② Liquid pipe	
SEZ-KD09NA	700 (27.91)	752 (29.58)	798 (31.71)	660 (26)	7	600 (23.58)	800 (31.12)	660 (26)	5	500 (19.11)	16	839 (33.16)	790 (31.18)	ø9.52(3/8)	ø6.35(1/4)	
SEZ-KD12NA	900 (35.71)	952 (37.12)	998 (39.31)	860 (33.78)	9	800 (31.12)	1000 (39.38)	860 (33.78)	7	700 (27.91)	20	1039 (40.29)	990 (39)			
SEZ-KD15NA																
SEZ-KD18NA	1100 (43.11)	1152 (45.30)	1198 (47.12)	1060 (41.34)	11	1000 (39.38)	1200 (47.14)	1060 (41.34)	9	900 (35.71)	24	1239 (48.29)	1190 (46.78)	ø12.7(1/2)		

- Note1. Use M10 screw for the suspension bolt (field supply).
2. Keep the service space for the maintenance at the bottom.
3. This chart indicates for SEZ-KD15NA model, which has 3 fans.
SEZ-KD09, 12NA models have 2 fans.
SEZ-KD18NA models have 4 fans.
4. In case an inlet duct is used, remove the air filter (supply with the unit), then install the filter (field supply) at suction side.



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