

SUBMITTAL DATA: SLZ-KA09NA 9,000 BTU/H CEILING-CASSETTE INDOOR UNIT FOR MXZ-B MULTI-ZONE HEAT-PUMP SYSTEMS

Job Name: _____ Location: _____ Date: _____

Purchaser: _____ Engineer: _____

Submitted to: _____ For ☐ Reference ☐ Approval ☐ Construction

System Designation: _____ Schedule No.: _____

GENERAL FEATURES

- Four-way 2'x2' ceiling-cassette indoor unit for residential applications
- Built-in drain mechanism for condensate removal; lifts to 19-11/16"
- Wide air-flow pattern for better air distribution
- Design features ventilation air intake knockout
- Long-life air filter included with indoor unit
- Indoor unit powered from outdoor unit using A-Control
- Automatic fan speed control; auto restart following a power outage
- Limited warranty: five years on parts/defects, seven years on compressors

OPTIONAL ACCESSORIES
Indoor Unit

- ☐ Grille (SLP-15AAUW; required - shipped with unit)

Controller Options

- ☐ Wall-mounted Wired Remote Controller (PAR-21MAA)
- ☐ M-NET Control Adapter (MAC-399IF)
- ☐ Remote Temperature Sensor (M21-JKO-307)
- ☐ Handheld Wireless Remote Controller (PAR-FL32MA; req. PAR-SA9FA)
- ☐ Receiver Kit for PAR-FL32MA Handheld Wireless Remote Controller (PAR-SA9FA)
- ☐ Lockdown Bracket for Handheld Controller (RCMKP1CB)

Cooling Capacity* 8,400 Btu/h

Heating Capacity at 47°F* 10,900 Btu/h

* 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 combinations [all ducted, all non-ducted, and both ducted and non-ducted], see the MXZ-B 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



SLZ-KA09NA

Fan Motor 0.23 F.L.A.

Airflow (Lo - Med - Hi) 280 - 320 - 350 Dry CFM
250 - 290 - 320 Wet CFM

Air Filter Polypropylene Honeycomb

Sound Pressure Level (Lo - Med - Hi) 29 - 32 - 38 dB(A)

DIMENSIONS	UNIT INCHES / MM	GRILLE INCHES / MM
W	22-7/16 / 570	25-5/8 / 650
D	22-7/16 / 570	25-5/8 / 650
H	8-3/16 / 208	13/16 / 19

Weight (Unit/Grille)

Lbs. 36 / 7

kg 16 / 3

External Finish (Unit/Grille) Galvanized-steel Sheets /
Munsell 6.4Y 8.9 / 0.4

Field Drainpipe Size O.D. 1-1/4" / 32 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-B SERIES HEAT-PUMP OUTDOOR UNITS

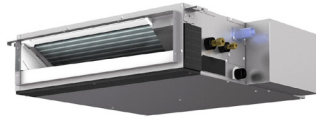

Outdoor Unit: MXZ-3B30NA

MXZ-B MULTI-ZONE SYSTEMS CAN INCLUDE:

- Ducted Indoor Units:
SEZ-KD09,12,15,18NA, PEAD-A24AA
 - Nonducted Indoor Units:
**MSZ-GE06,09,12,15,18,24NA,
MSZ-FE09,12,18NA, MFZ-KA09,12,18NA,
PCA-A24KA, SLZ-KA09,12,15NA, and
PLA-A12,18,24BA**
 - A combination of both Ducted and Nonducted Indoor Units
- Refer to the separate submittal forms for the MSZ-GE, MSZ-FE, MFZ-KA, SEZ-KD, SLZ-KA, PEAD, PCA, PLA Indoor Units, and MXZ Outdoor Units.



MSZ-GE



SEZ-KD and PEAD-A24



MSZ-FE



MFZ-KA



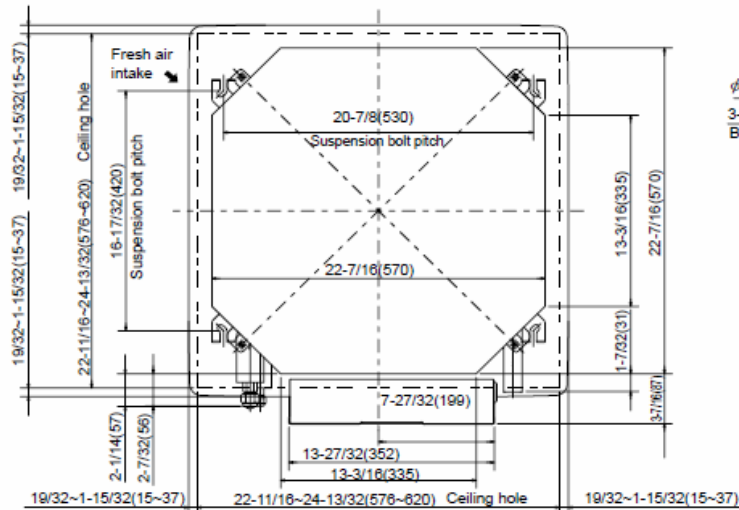
PCA-KA



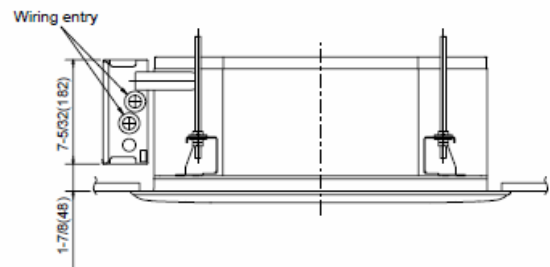
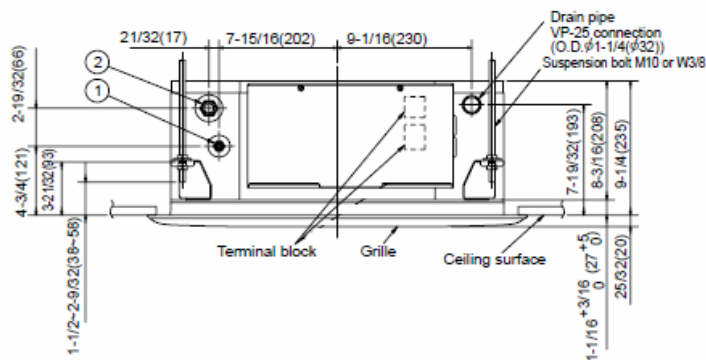
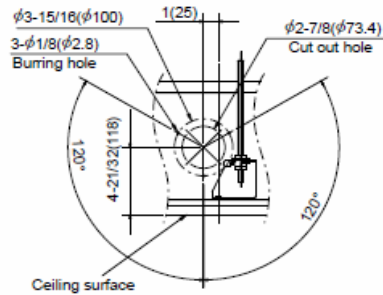
SLZ-KA and PLA-ABA

DIMENSIONS: SLZ-KA09NA

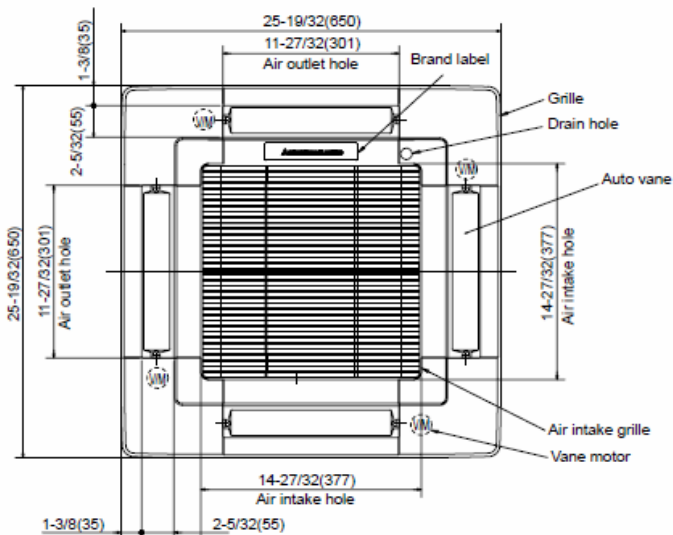
Unit: inch (mm)



Detail drawing of fresh air intake



Suspension bolt lower edge



Models	Refrigerant pipe	
	①	②
SLZ-KA09NA	1/4 inch flared connection φ6.35 mm	3/8 inch flared connection φ9.52 mm
SLZ-KA12NA	1/4 inch flared connection φ6.35 mm	3/8 inch flared connection φ9.52 mm
SLZ-KA15NA	1/4 inch flared connection φ6.35 mm	1/2 inch flared connection φ12.7 mm



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 www.mehvac.com
 Specifications are subject to change without notice.



SUBMITTAL DATA: SLZ-KA12NA & SUZ-KA12NA

12,000 BTU/H CEILING-CASSETTE HEAT-PUMP SYSTEMS

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



Indoor Unit: SLZ-KA12NA



Outdoor Unit: SUZ-KA12NA

GENERAL FEATURES

- Four-way 2'x2' ceiling-cassette indoor unit for ceiling recessed applications
- Built-in drain mechanism for condensate removal; lifts to 19-11/16"
- Wide air-flow pattern for better air distribution
- Design features ventilation air intake knockout
- Long-life air filter included with indoor unit
- Indoor unit powered from outdoor unit using A-Control
- Choice of fan speed: Low, Medium, High
- Automatic restart following a power outage
- Limited warranty: five years parts and seven years compressors

ACCESSORIES

Indoor Unit

- ☐ Grille (SLP-15AAUW; required - shipped with unit)

Controller Options

- ☐ Wireless Wall-mounted Remote Controller Kit (MHK1)*
 - ☐ Portable Central Controller (MCCH1)*
 - ☐ Outdoor Air Sensor (MOS1)*
 - ☐ Wired Wall-mounted Controller (PAR-31MAA)*
 - ☐ Simple MA Remote Controller (PAC-YT53CRAU)*
- *See Submittal for information on each option.
- ☐ Remote Temperature Sensor (M21-JKO-307)
 - ☐ Hand-held Wireless Remote Controller (PAR-FL32MA; req. PAR-FA32MA-E)
 - ☐ Wireless Signal Receiver PAR-FA32MA (for PAR-FL32MA)
 - ☐ Lockdown Bracket for Hand-held Controller (RCMKP1CB)



SPECIFICATIONS: SLZ-KA12NA & SUZ-KA12NA

Cooling*

Rated Capacity 11,100 Btu/h
 Minimum to Maximum Capacity Range 3,400 - 13,300 Btu/h
 SEER 15.4 Btu/h/W
 EER 12.0 Btu/h/W
 Total Input 920 W

Heating at 47° F*

Rated Capacity 13,600 Btu/h
 Minimum to Maximum Capacity Range 3,100 - 17,100 Btu/h
 HSPF 9.6 Btu/h/W
 COP 3.38
 Total Input 1,180 W

Heating at 17° F*

Rated Capacity 8,300 Btu/h
 Rated Total Input 930 W
 COP 2.62
 Maximum Capacity** 8,300 Btu/h
 Maximum Total Input 1,310 W

* Rating Conditions per AHRI Standard

Cooling | Indoor: 80° F (27° C) DB / 67° F (19° C) WB
 Cooling | 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
 Heating at 47° F | 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
 Heating at 17° F | Outdoor: 17° F (-8° C) DB / 15° F (-9° C) WB

**** Maximum Capacity is at full speed and performance for INVERTER-driven System.**

Electrical Requirements

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

Voltage

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

OPERATING CONDITIONS

		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	-4° F (-20° C) DB -5° F (-21° C) WB

Indoor Unit

MCA 1 A
 Fan Motor Output 20 W
 Fan Motor (ECM) 0.28 F.L.A.
 Airflow (Lo - Med - Hi) 280 - 320 - 390 Dry CFM
 250 - 290 - 350 Wet CFM
 Air Filter Polypropylene Honeycomb
 Sound Pressure Level (Lo - Med - Hi) 30 - 34 - 39 dB(A)

DIMENSIONS	UNIT INCHES / MM	GRILLE INCHES / MM
W	22-7/16 / 570	25-5/8 / 650
D	22-7/16 / 570	25-5/8 / 650
H	9-1/4 / 235	13/16 / 20

Weight (Unit/Grille)

Lbs. 36 / 7
 kg. 16.5 / 3
 External Finish (Unit/Grille) Galvanized-steel Sheets /
 Munsell 6.4Y 8.9 / 0.4
 Field Drainpipe Size O.D. 1-1/4" / 32 mm

Outdoor Unit

Compressor DC Inverter-driven
 MCA 12 A
 MOCP 15 A
 Fan Motor (ECM) 0.50 F.L.A.
 Sound Pressure Level
 Cooling 49 dB(A)
 Heating 51 dB(A)

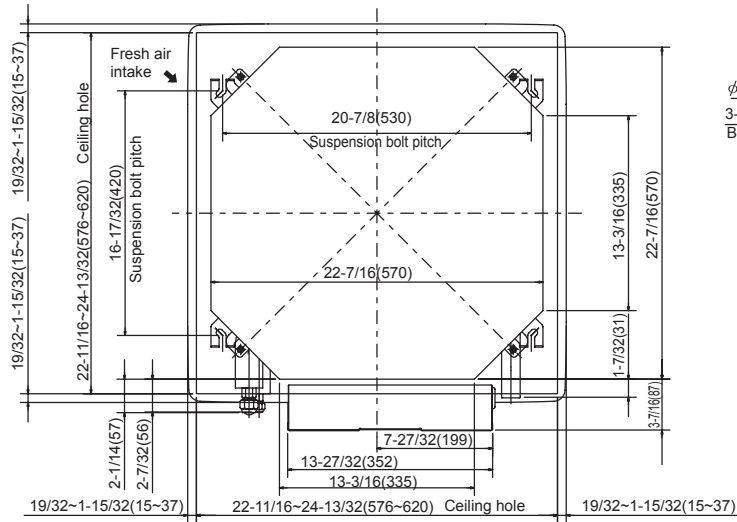
DIMENSIONS	INCHES / MM
W	31-1/2 / 800
D	11-1/4 / 285
H	21-5/8 / 550

Weight 77 lbs. / 35 kg
 External Finish Munsell No. 3Y 7.8 / 1.1
 Refrigerant Type R410A
 Refrigerant Pipe Size O.D.
 Gas Side 3/8" / 9.52 mm
 Liquid Side 1/4" / 6.35 mm
 Max. Refrigerant Pipe Length 65' / 19 m
 Max. Refrigerant Pipe Height Difference 40' / 12 m
 Connection Method Flared

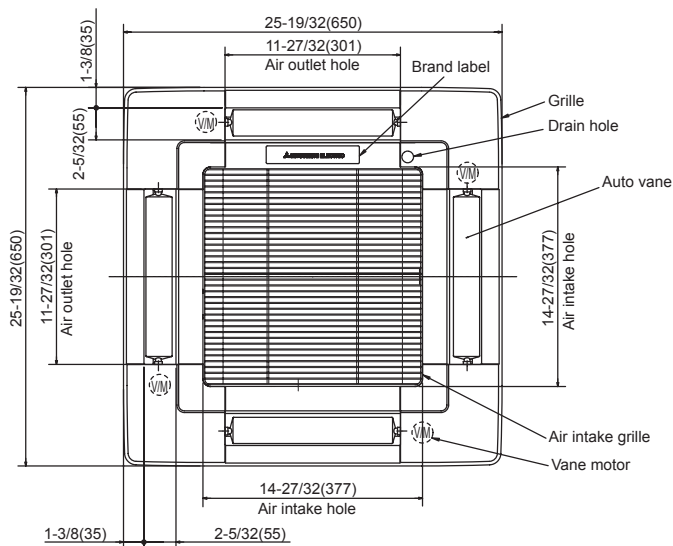
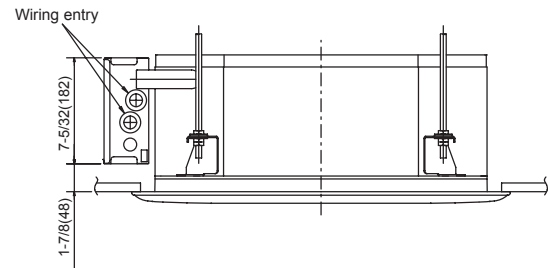
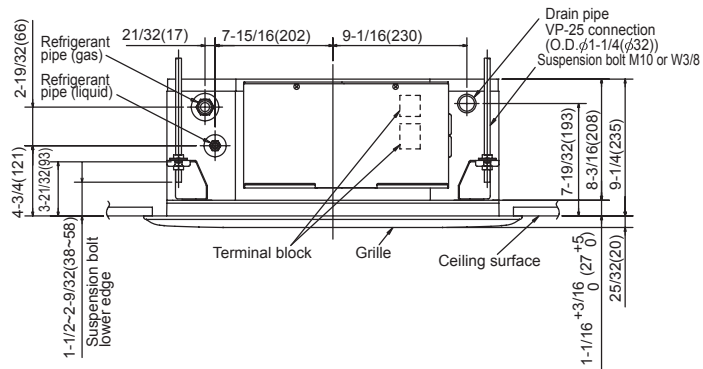
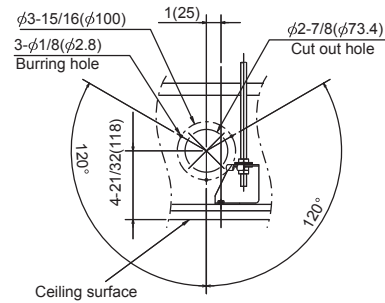
Notes:

DIMENSIONS: SLZ-KA12NA

Unit : inch (mm)



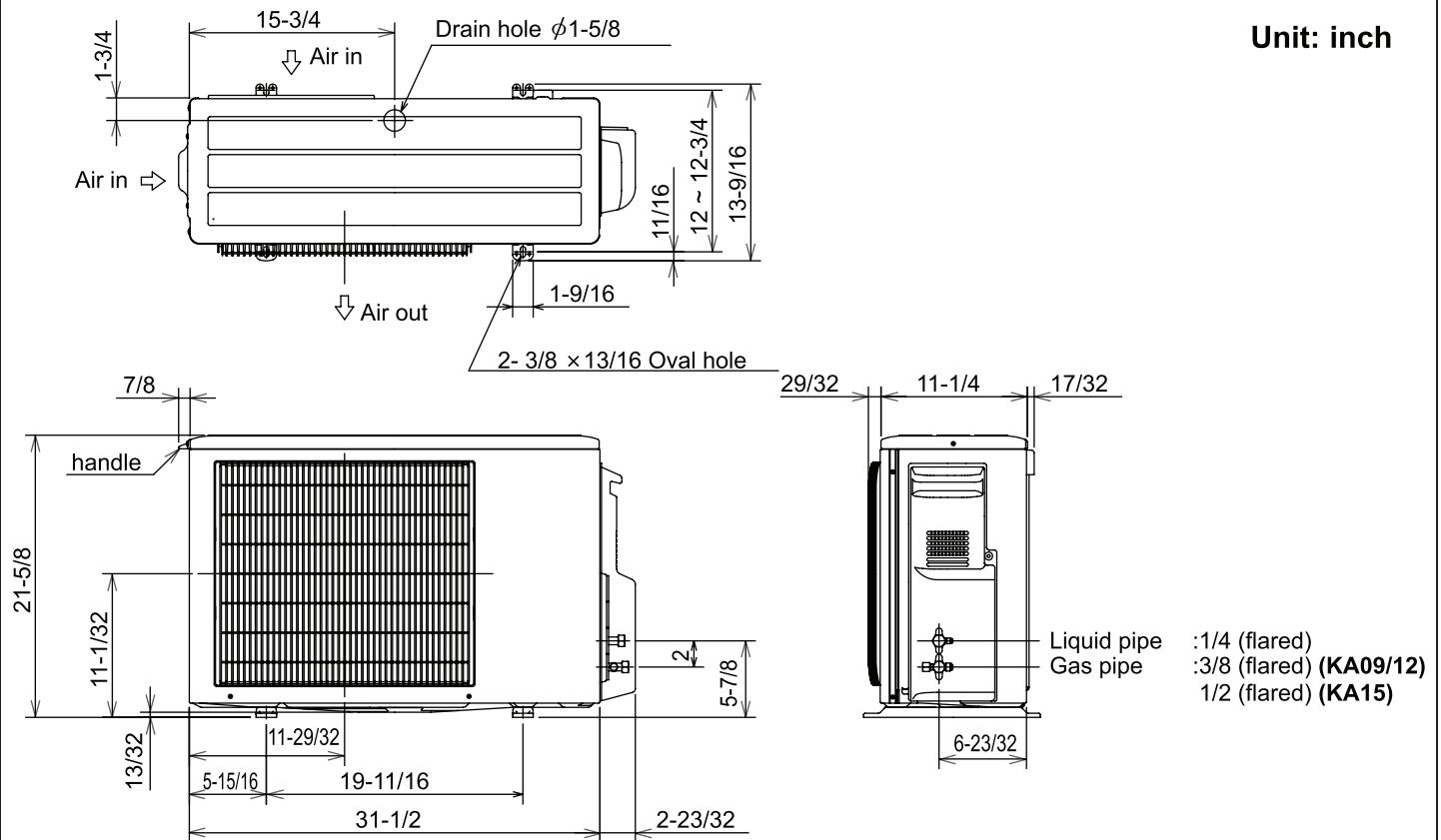
Detail drawing of fresh air intake



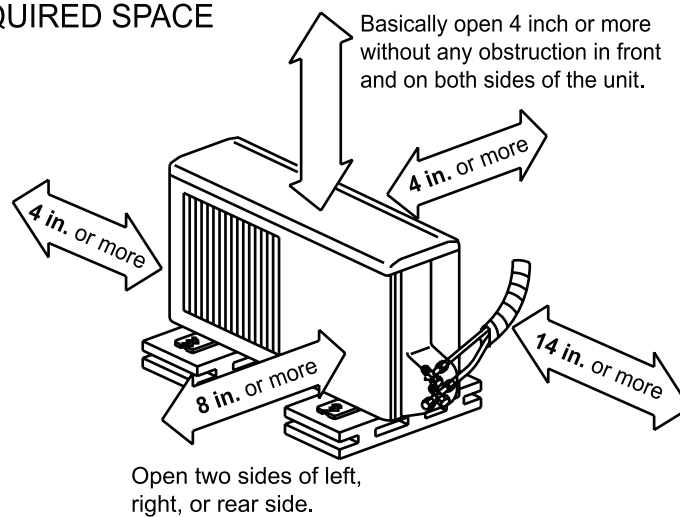
Models	Refrigerant pipe (liquid)	Refrigerant pipe (gas)
SLZ-KA09NA	1/4 inch (ϕ 6.35mm) flared connection	3/8 inch (ϕ 9.52mm) flared connection
SLZ-KA12NA	1/4 inch (ϕ 6.35mm) flared connection	3/8 inch (ϕ 9.52mm) flared connection
SLZ-KA15NA	1/4 inch (ϕ 6.35mm) flared connection	1/2 inch (ϕ 12.7mm) flared connection

DIMENSIONS: SUZ-KA12NA

Unit: inch



REQUIRED SPACE



Intertek



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FORM# SLZ-KA12NA - SUZ-KA12NA - 201311
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Job Name:

System Reference:

Date:



Indoor Unit: SLZ-KA15NA



Outdoor Unit: SUZ-KA15NA

GENERAL FEATURES

- Four-way 2'x2' ceiling-cassette indoor unit for ceiling recessed applications
- Built-in drain mechanism for condensate removal; lifts to 19-11/16"
- Wide air-flow pattern for better air distribution
- Design features ventilation air intake knockout
- Long-life air filter included with indoor unit
- Indoor unit powered from outdoor unit using A-Control
- Choice of fan speed: Low, Medium, High
- Automatic restart following a power outage
- Limited warranty: five years parts and seven years compressors

ACCESSORIES**Indoor Unit**

- ☐ Condensate Pump (BlueDiamond X87-711/721; 115/230V)
- ☐ Condensate Pump (Sauermann SI30-115/230; 115/230V)
- ☐ Grille (SLP-15AAUW; required - shipped with unit)

Outdoor Unit

- ☐ Three-pole Disconnect Switch (TAZ-MS303)
- ☐ Air Outlet Guide (MAC-889SG)
- ☐ Mounting Base (DSD-400P)
- ☐ Mounting Pad (ULTRILITE1)
- ☐ Wall Mounting Bracket (QSWB2000M-1)

Controller Options

- ☐ Wireless Controller (MHK1)
- ☐ Wired Remote Controller (PAR-32MAA-J)
- ☐ Wireless Interface for kumo cloud™ (PAC-WHS01WF-E)
- ☐ Thermostat Interface (PAC-US444CN-1)
- ☐ Hand-held Wireless Remote Controller (PAR-FL32MA; req. PAR-FA32MA-E)
- ☐ Wireless Signal Receiver Module PAR-FA32MA (for PAR-FL32MA-E)

SPECIFICATIONS**Cooling¹**

Rated Capacity 15,000 Btu/h
 Minimum to Maximum Capacity Range 3,800 - 17,700 Btu/h
 SEER 16.0 Btu/h/W
 EER 10.2 Btu/h/W
 Total Input 1,460 W

Heating at 47°F²

Rated Capacity 18,000 Btu/h
 Minimum to Maximum Capacity Range 3,100 - 22,200 Btu/h
 HSPF 9.6 Btu/h/W
 COP 2.71
 Total Input 1,950 W

Heating at 17°F³

Rated Capacity 10,200 Btu/h
 Rated Total Input 1,310 W
 COP 1.99
 Maximum Capacity** 12,000 Btu/h
 Maximum Total Input 1,970 W

¹ Cooling | Indoor: 80° F (27° C) DB / 67° F (19° C) WB*¹ Cooling | Outdoor: 95° F (35° C) DB / 75° F (24° C) WB*² Heating at 47° F | Indoor: 70° F (21° C) DB / 60° F (16° C) WB*² Heating at 47° F | Outdoor: 47° F (8° C) DB / 43° F (6° C) WB*³ Heating at 17° F | Indoor: 70° F (21° C) DB / 60° F (16° C) WB*³ Heating at 17° F | Outdoor: 17° F (-8° C) DB / 15° F (-9° C) WB*

* Rating Conditions per AHRI Standard

** Maximum Capacity is at full speed and performance for INVERTER-driven System.

Electrical Requirements

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

Voltage

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

OPERATING CONDITIONS

		Indoor Intake Air Temp.	Outdoor Intake Air Temp.
Cooling ⁴	Maximum	90° F (32° C) DB 73° F (23° 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	-4° F (-20° C) DB -5° F (-21° C) WB ⁵

⁴ Applications should be restricted to comfort cooling only; equipment cooling applications are not recommended for low ambient temperature conditions.⁵ System cuts out at -9° F (-27° C) to avoid thermistor error and automatically restarts at -4° F (-20° C).**Indoor Unit**

MCA 1 A
 Fan Motor Output 20 W
 Fan Motor (ECM) 0.28 F.L.A.
 Airflow (Lo - Med - Hi) 280 - 320 - 390 Dry CFM
 250 - 290 - 350 Wet CFM
 Air Filter Polypropylene Honeycomb
 Sound Pressure Level (Lo - Med - Hi) 31 - 35 - 40 dB(A)

DIMENSIONS	UNIT INCHES / MM	GRILLE INCHES / MM
W	22-7/16 / 570	25-5/8 / 650
D	22-7/16 / 570	25-5/8 / 650
H	9-1/4 / 235	13/16 / 20

Weight (Unit/Grille)

Lbs. 36 / 7
 kg. 16.5 / 3
 External Finish (Unit/Grille) Galvanized-steel Sheets /
 Munsell 6.4Y 8.9 / 0.4
 Field Drainpipe Size O.D. 1-1/4" / 32 mm

Outdoor Unit

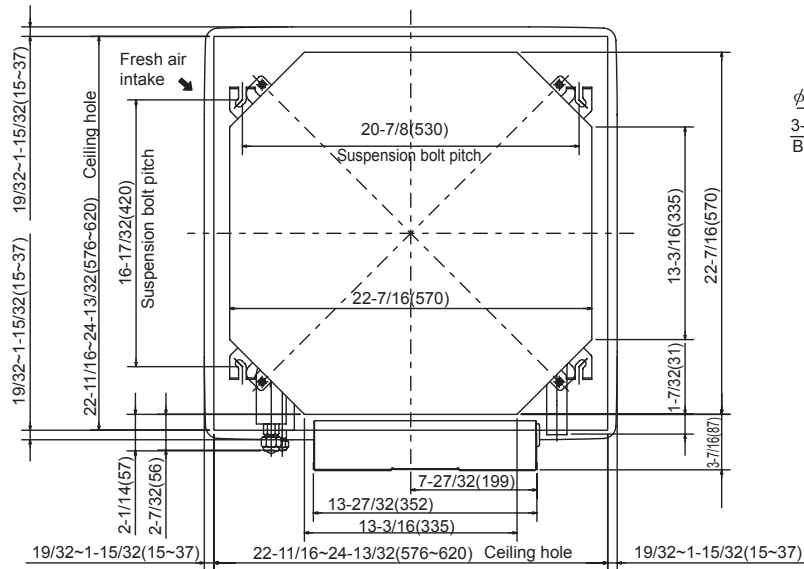
Compressor DC Inverter-driven Twin Rotary
 MCA 12 A
 MOCP 15 A
 Fan Motor (ECM) 0.50 F.L.A.
 Sound Pressure Level
 Cooling 49 dB(A)
 Heating 51 dB(A)

DIMENSIONS	INCHES / MM
W	31-1/2 / 800
D	11-1/4 / 285
H	21-5/8 / 550

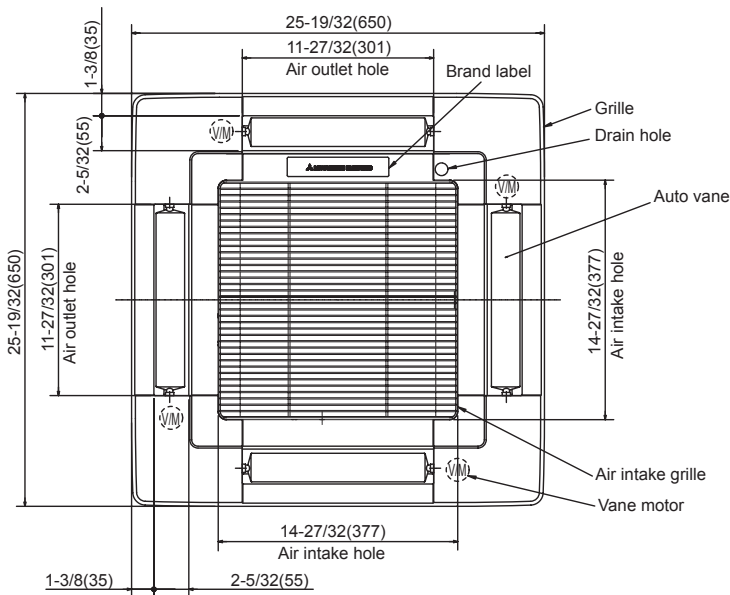
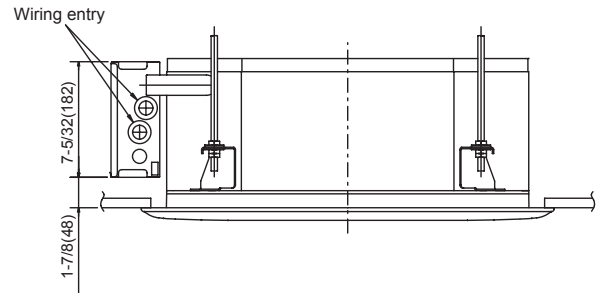
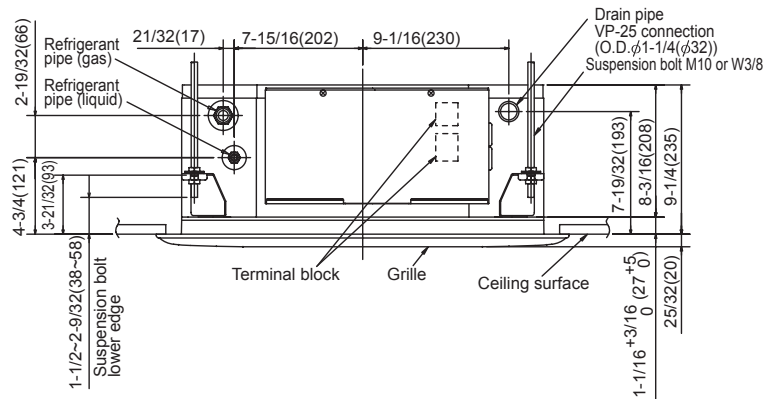
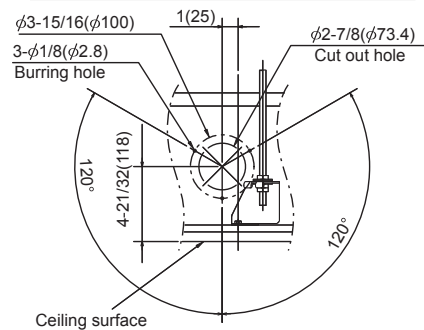
Weight 80 lbs. / 36 kg
 External Finish Munsell No. 3Y 7.8 / 1.1
 Refrigerant Type R410A
 Refrigerant Pipe Size O.D.
 Gas Side 1/2" / 12.7 mm
 Liquid Side 1/4" / 6.35 mm
 Max. Refrigerant Pipe Length 65' / 19.8 m
 Max. Refrigerant Pipe Height Difference 40' / 12.2 m
 Connection Method Flared

DIMENSIONS: SLZ-KA15NA

Unit : inch (mm)



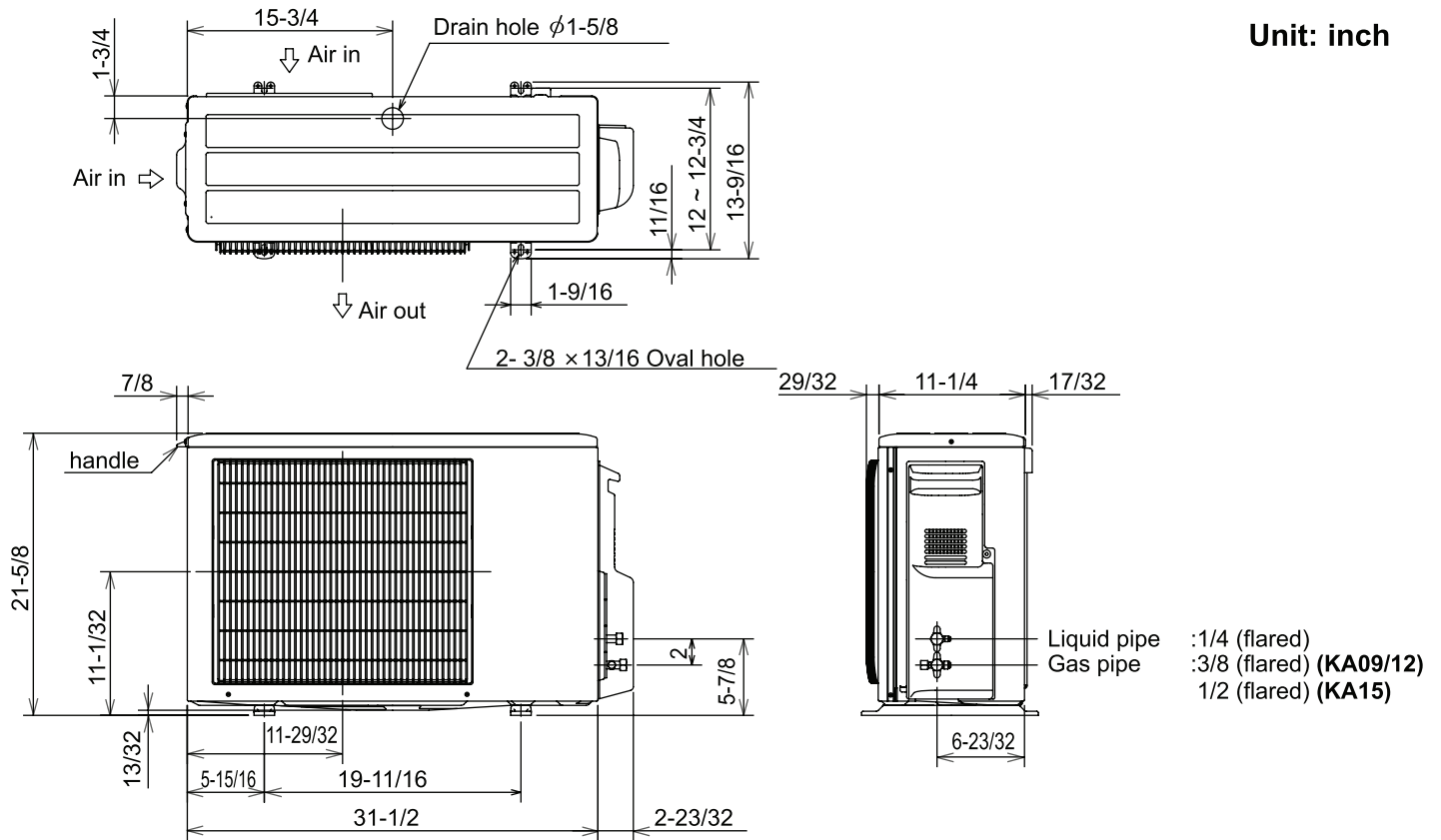
Detail drawing of fresh air intake



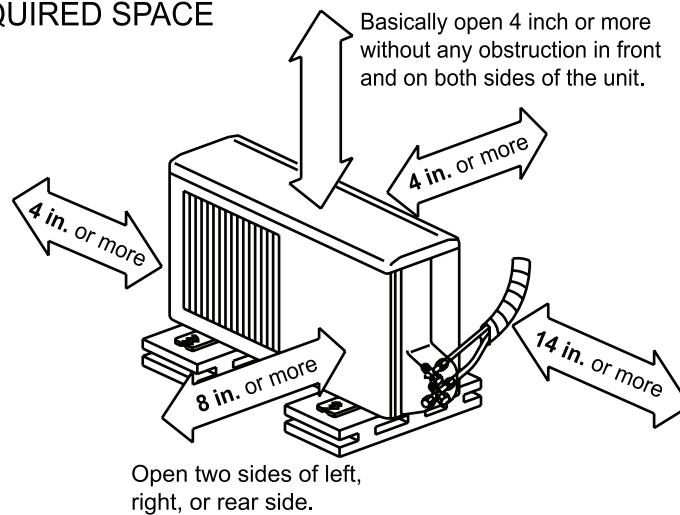
Models	Refrigerent pipe (liquid)	Refrigerent pipe (gas)
SLZ-KA09NA	1/4 inch (φ 6.35mm) flared connection	3/8 inch (φ 9.52mm) flared connection
SLZ-KA12NA	1/4 inch (φ 6.35mm) flared connection	3/8 inch (φ 9.52mm) flared connection
SLZ-KA15NA	1/4 inch (φ 6.35mm) flared connection	1/2 inch (φ 12.7mm) flared connection

DIMENSIONS: SUZ-KA15NA

Unit: inch



REQUIRED SPACE



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SUBMITTAL DATA: SEZ-KD09NA & SUZ-KA09NA..... 9,000 BTU/H HORIZONTAL-DUCTED HEAT-PUMP SYSTEMS

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

GENERAL FEATURES

- Horizontal-ducted indoor unit for concealed
- 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
- Indoor unit powered from outdoor unit using A-Control
- Automatic fan speed control
- Auto restart following a power outage
- Limited warranty: five years on parts/defects; seven years on compressors

OPTIONAL ACCESSORIES
Indoor Unit

- ☐ Filter Box with MERV 8 Filters (FBL1-1)
- ☐ Bottom Return Plate (BRP-1)

Outdoor Unit

- ☐ Drain Socket (MAC-860DS)
- ☐ Drain Pan Heater (MAC-640BH-U)
- ☐ Three-pole Disconnect Switch (TAZ-MS303)
- ☐ Air Outlet Guide (MAC-856SG)
- ☐ Mounting Base (DSD-400N)
- ☐ Mounting Pad (ULTRILITE1)
- ☐ Wall-mounting Brackets (CWMB1)

Controller Options

- ☐ Wall-mounted Wired Remote Controller (PAR-21MAA)
- ☐ M-NET Control Adapter (MAC-399IF)
- ☐ Remote Temperature Sensor (M21-JKO-307)
- ☐ Hand-held Wireless Remote Controller (PAR-FL32MA; req. PAR-FA32MA-E)
- ☐ Wireless Signal Receiver Module PAR-FA32MA (for PAR-FL32MA-E)
- ☐ Lockdown Bracket for Hand-held Controller (RCMKP1CB)

Cooling*

Rated Capacity.....8,100 Btu/h
Capacity Range.....3,800 - 10,900 Btu/h
SEER.....15.0
Total Input......670 W

Heating at 47°F*

Rated Capacity.....10,900 Btu/h
Capacity Range.....4,800 - 14,100 Btu/h
HSPF.....10.0
Total Input.....1,020 W

Heating at 17°F*

Rated Capacity.....6,700 Btu/h
Rated Total Input......810 W
Maximum Capacity.....6,700 Btu/h
Maximum Total Input.....1,000 W

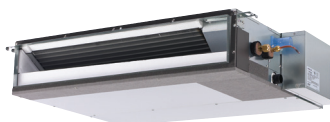
*Rating Conditions (Cooling)-Indoor: 80°F (27°C) DB, 67°F (19°C) WB; Outdoor: 95°F (35°C) DB, 75°F (24°C) WB.
(Heating at 47°F) - Indoor: 70°F (21°C) DB, 60°F (16°C) WB; Outdoor: 47°F (8°C) DB, 43°F (6°C) WB.
(Heating at 17°F) - Indoor: 70°F (21°C) DB, 60°F (16°C) WB; Outdoor: 17°F (-8°C) DB, 15°F (-9°C) WB.

Electrical Requirements

Power Supply.....208 / 230V, 1-Phase, 60 Hz
Recommended Fuse/Breaker Size.....15 A

OPERATING CONDITIONS

		Indoor Intake Air Temp.	Outdoor Intake Air Temp.
Cooling	Maximum	90°F (32°C) DB, 73°F (23°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	-4°F (-20°C) DB, -5°F (-21°C) WB



Indoor Unit: SEZ-KD09NA



Outdoor Unit: SUZ-KA09NA

Voltage

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

Indoor Unit

MCA.....1 A
Fan Type x Quantity.....Sirocco Fan x 2
Fan Motor Type.....Direct-driven DC Brushless Motor
Fan Motor Output.....96 W
Fan Motor.....0.51 F.L.A.
Airflow (Lo - Med - Hi).....194 - 247 - 317 Dry CFM
174 - 222 - 285 Wet 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.....42 lbs. / 19 kg
External Finish.....Galvanized-steel Sheets
Field Drainpipe Size O.D.....1-1/4" / 32 mm

Outdoor Unit

Compressor.....DC Inverter-driven
MCA.....12 A
MOC.....15 A
Fan Motor.....0.50 F.L.A.
Sound Pressure Level
Cooling.....46 dB(A)
Heating.....50 dB(A)

DIMENSIONS	INCHES / MM
W	31-1/2 / 800
D	11-1/4 / 285
H	21-5/8 / 550

Weight.....66 lbs. / 30 kg
External Finish.....Munsell No. 3Y 7.8 / 1.1
Refrigerant Type.....R410A
Refrigerant Pipe Size O.D.....

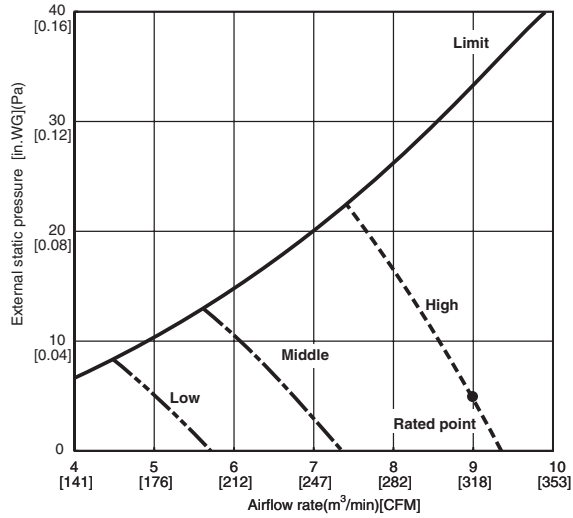
Gas Side.....3/8" / 9.52 mm
Liquid Side.....1/4" / 6.35 mm
Max. Refrigerant Pipe Length.....65' / 19 m
Max. Refrigerant Pipe Height Difference.....40' / 12 m
Connection Method.....Flared



SEZ-KD09NA INDOOR FAN PERFORMANCE AND CORRECTED AIR FLOW CHARTS

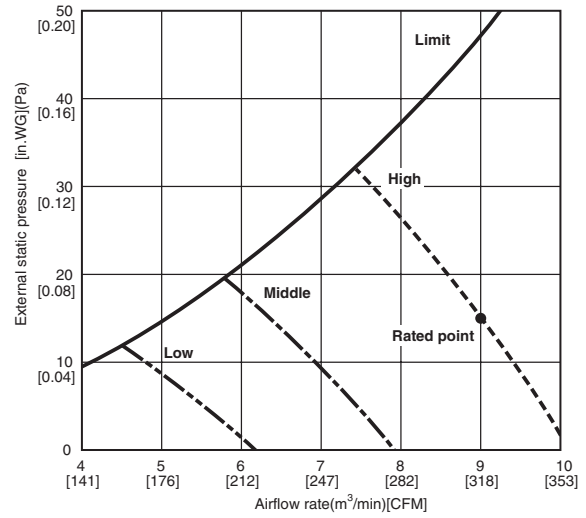
SEZ-KD09NA

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



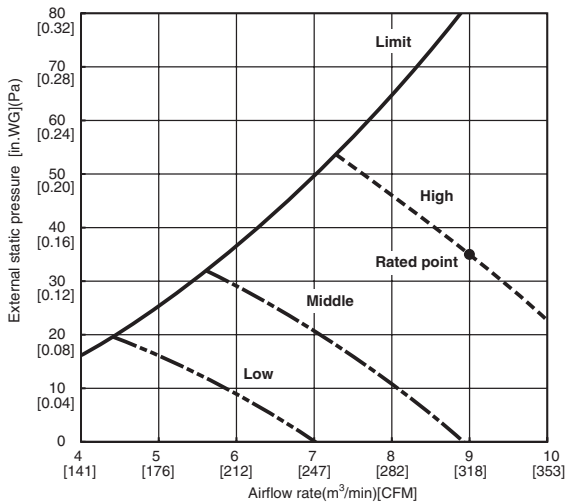
SEZ-KD09NA

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



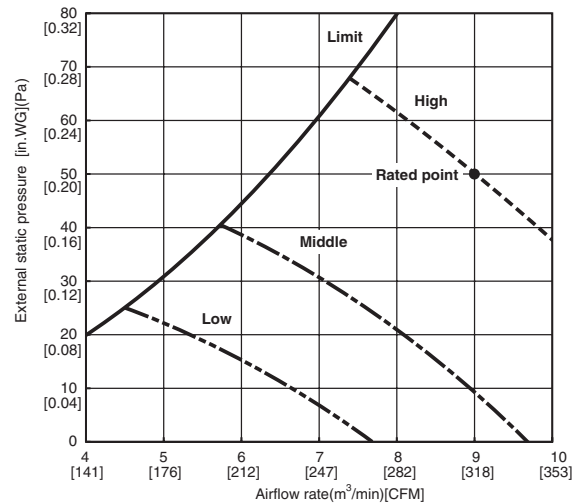
SEZ-KD09NA

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



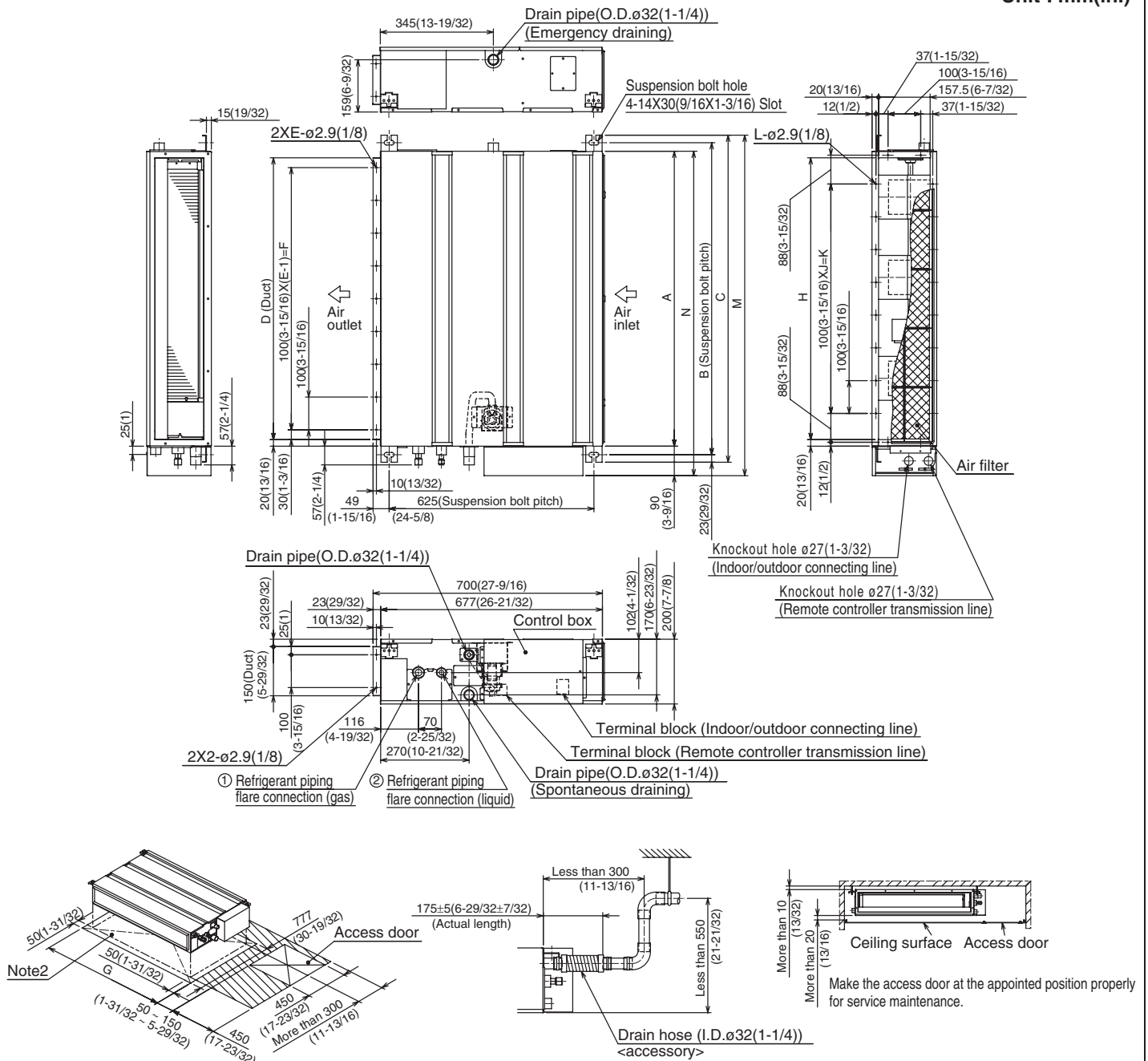
SEZ-KD09NA

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



DIMENSIONS: SEZ-KD09NA

Unit : mm(in.)



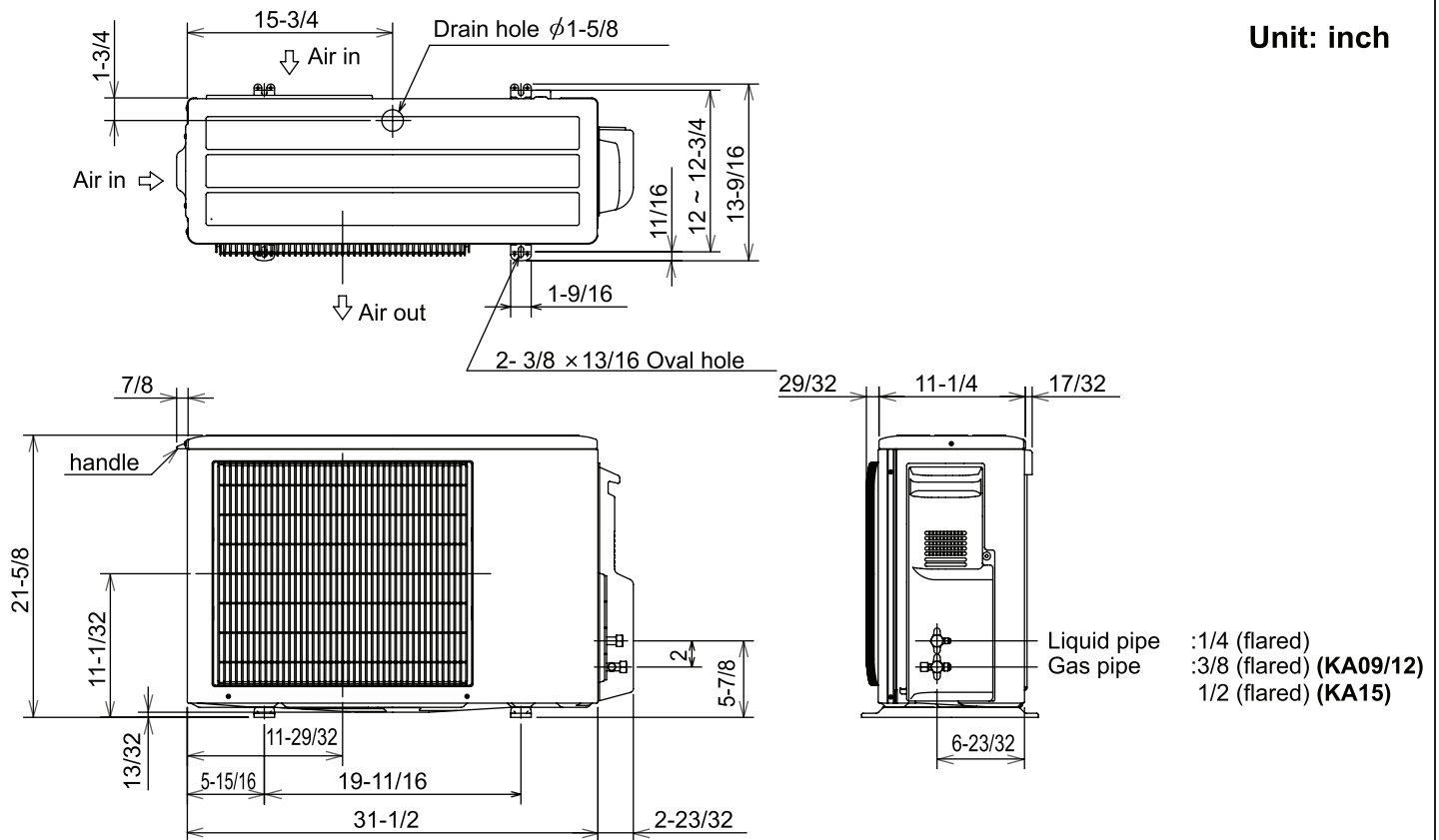
Required space for service and maintenance

															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 (27-9/16)	752 (29-5/8)	798 (31-7/16)	660 (26)	7	600 (23-5/8)	800 (31-1/2)	660 (26)	5	500 (19-11/16)	16	839 (33-1/16)	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														ø12.7(1/2)		
SEZ-KD18NA	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)			

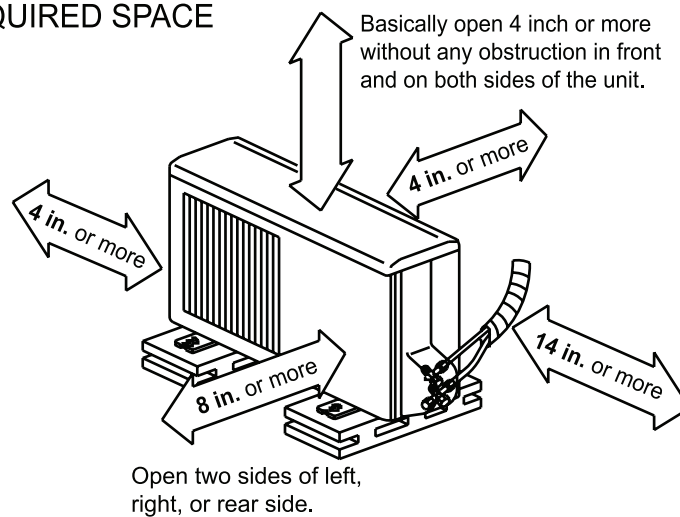
- Note1. Use M10 screw for the suspension bolt (field supply).
 Note2. Keep the service space for the maintenance at the bottom.
 3. This chart indicates for SEZ-KD15NA model, which has 3 fans.
 SEZ-KD09, 12NA models have 2 fans.
 SEZ-KD18NA models have 4 fans.
 4. In case an inlet duct is used, remove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

DIMENSIONS: SUZ-KA09NA

Unit: inch



REQUIRED SPACE



3400 Lawrenceville Suwanee Rd
Suwanee, GA 30024
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Specifications are subject to change without notice.

SUBMITTAL DATA: SEZ-KD15NA & SUZ-KA15NA 15,000 BTU/H HORIZONTAL-DUCTED HEAT-PUMP SYSTEMS

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

GENERAL FEATURES

- Horizontal-ducted indoor unit for concealed 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
- Indoor unit powered from outdoor unit using A-Control
- Automatic fan speed control
- Auto restart following a power outage
- Limited warranty: five years on parts/defects; seven years on compressors

OPTIONAL ACCESSORIES
Indoor Unit

- ☐ Filter Box with MERV 8 Filters (FBL1-2)
- ☐ Bottom Return Plate (BRP-2)

Outdoor Unit

- ☐ Drain Socket (MAC-860DS)
- ☐ Drain Pan Heater (MAC-640BH-U)
- ☐ Three-pole Disconnect Switch (TAZ-MS303)
- ☐ Air Outlet Guide (MAC-856SG)
- ☐ Mounting Base (DSD-400N)
- ☐ Mounting Pad (ULTRILITE1)
- ☐ Wall-mounting Brackets (CWMB1)

Controller Options

- ☐ Wall-mounted Wired Remote Controller (PAR-21MAA)
- ☐ M-NET Control Adapter (MAC-399IF)
- ☐ Remote Temperature Sensor (M21-JKO-307)
- ☐ Hand-held Wireless Remote Controller (PAR-FL32MA; req. PAR-F 32MA-E)
- ☐ Wireless Signal Receiver PAR-FA32MA (for PAR-FL32MA-E)
- ☐ Lockdown Bracket for Hand-held Controller (RCMKP1CB)

Cooling*

Rated Capacity 14,100 Btu/h
Capacity Range 3,800 - 17,000 Btu/h
SEER 15.5
Total Input 1,170 W

Heating at 47°F*

Rated Capacity 18,000 Btu/h
Capacity Range 4,800 - 21,100 Btu/h
HSPF 10.0
Total Input 1,500 W

Heating at 17°F*

Rated Capacity 11,900 Btu/h
Rated Total Input 1,200 W
Maximum Capacity 11,900 Btu/h
Maximum Total Input 1,650 W

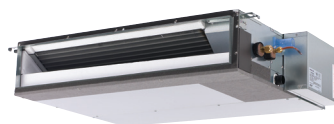
*Rating Conditions (Cooling)-Indoor: 80°F (27°C) DB, 67°F (19°C) WB; Outdoor: 95°F (35°C) DB, 75°F (24°C) WB.
(Heating at 47°F)-Indoor: 70°F (21°C) DB, 60°F (16°C) WB; Outdoor: 47°F (8°C) DB, 43°F (6°C) WB.
(Heating at 17°F)-Indoor: 70°F (21°C) DB, 60°F (16°C) WB; Outdoor: 17°F (-8°C) DB, 15°F (-9°C) WB.

Electrical Requirements

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

OPERATING CONDITIONS

		Indoor Intake Air Temp.	Outdoor Intake Air Temp.
Cooling	Maximum	90°F (32°C) DB, 73°F (23°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	-4°F (-20°C) DB, -5°F (-21°C) WB



Indoor Unit: SEZ-KD15NA



Outdoor Unit: SUZ-KA15NA

Voltage

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

Indoor Unit

MCA 1 A
Fan Type x Quantity Sirocco Fan x 3
Fan Motor Type Direct-driven DC Brushless Motor
Fan Motor Output 96 W
Fan Motor 0.74 F.L.A.
Airflow (Lo - Med - Hi) 353 - 441 - 529 Dry CFM
317 - 396 - 476 Wet 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 54 lbs. / 24 kg
External Finish Galvanized-steel Sheets
Field Drainpipe Size O.D. 1-1/4" / 32 mm

Outdoor Unit

Compressor DC Inverter-driven Twin Rotary
MCA 12 A
MOCP 15 A
Fan Motor 0.50 F.L.A.
Sound Pressure Level
Cooling 49 dB(A)
Heating 51 dB(A)

DIMENSIONS	INCHES / MM
W	31-1/2 / 800
D	11-1/4 / 285
H	21-5/8 / 550

Weight 80 lbs. / 36 kg
External Finish Munsell No. 3Y 7.8 / 1.1

Refrigerant Type R410A
Refrigerant Pipe Size O.D.

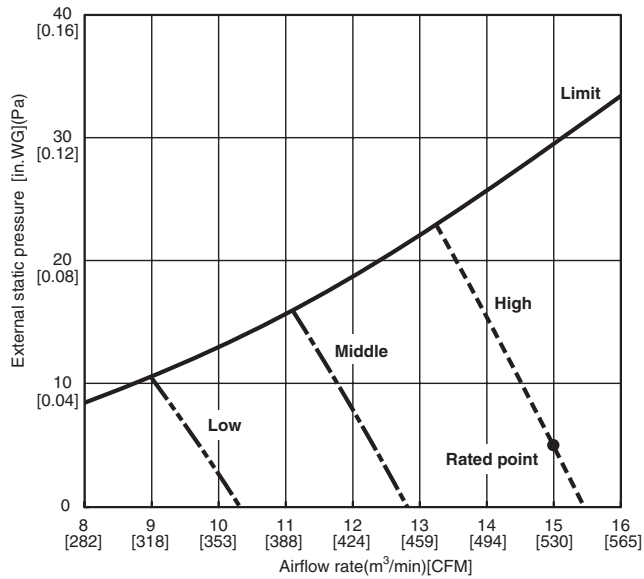
Gas Side 1/2" / 12.7 mm
Liquid Side 1/4" / 6.35 mm
Max. Refrigerant Pipe Length 65' / 19 m
Max. Refrigerant Pipe Height Difference 40' / 12 m
Connection Method Flared



SEZ-KD15NA INDOOR FAN PERFORMANCE AND CORRECTED AIR FLOW CHARTS

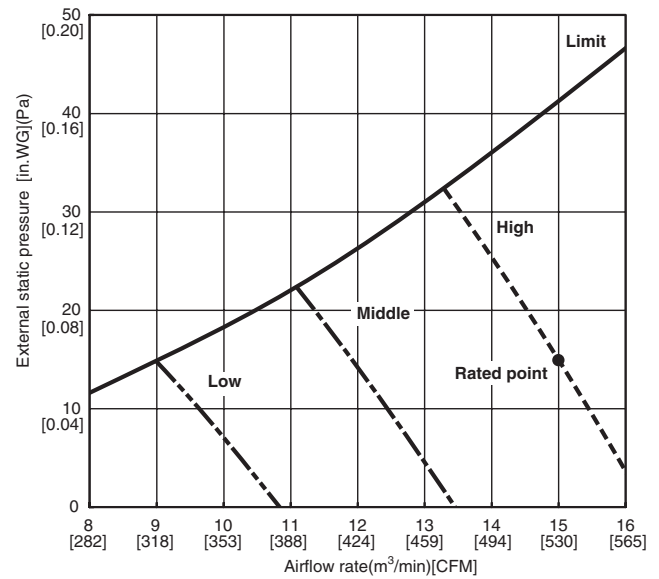
SEZ-KD15NA

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



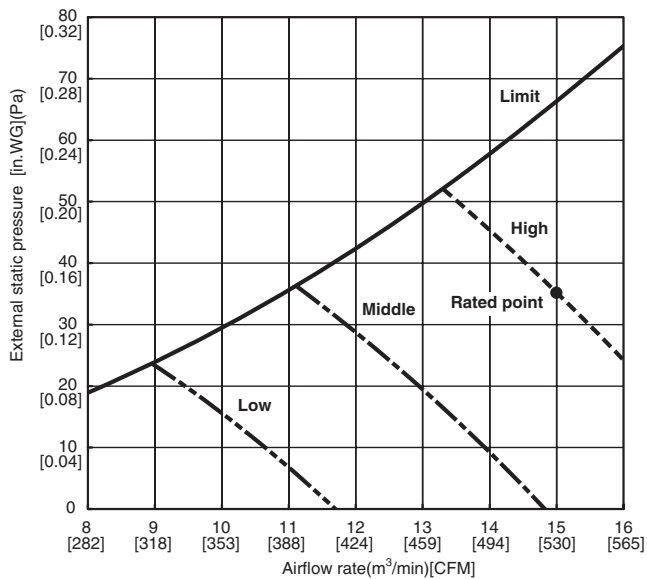
SEZ-KD15NA

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



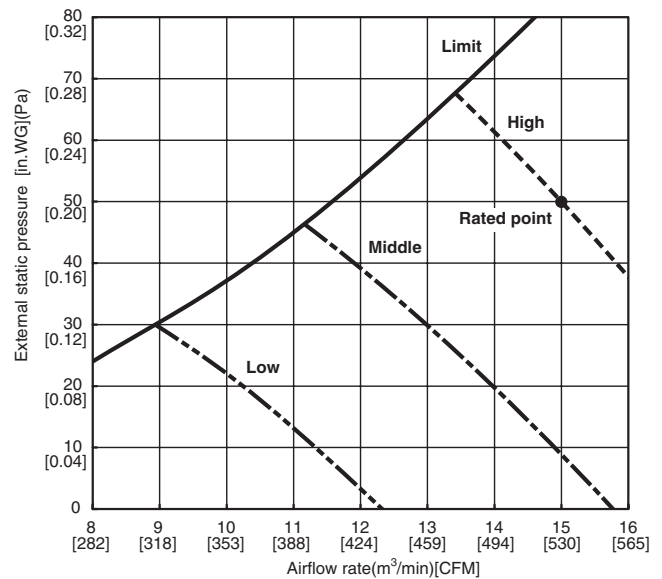
SEZ-KD15NA

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



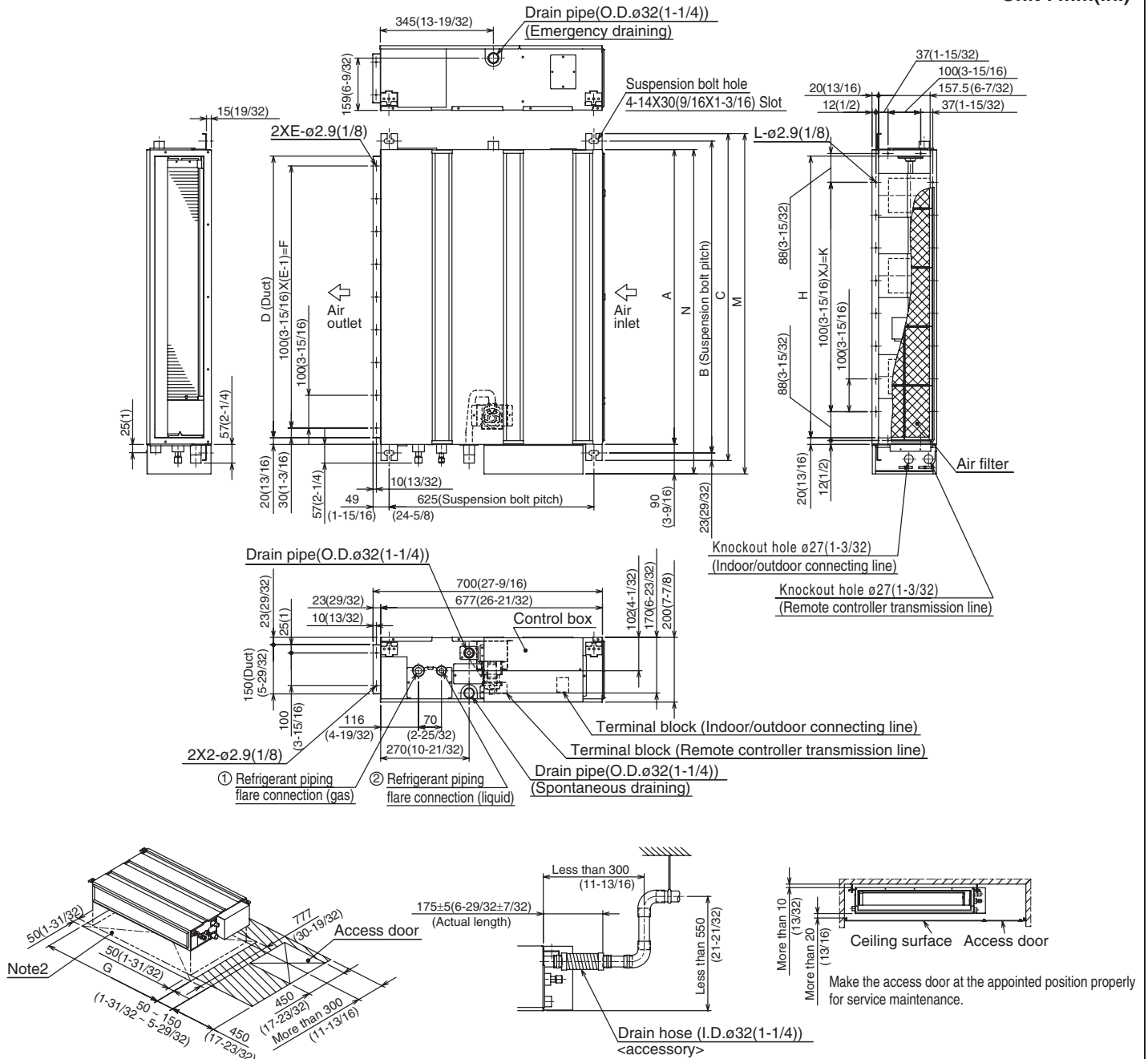
SEZ-KD15NA

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



DIMENSIONS: SEZ-KD15NA

Unit : mm(in.)



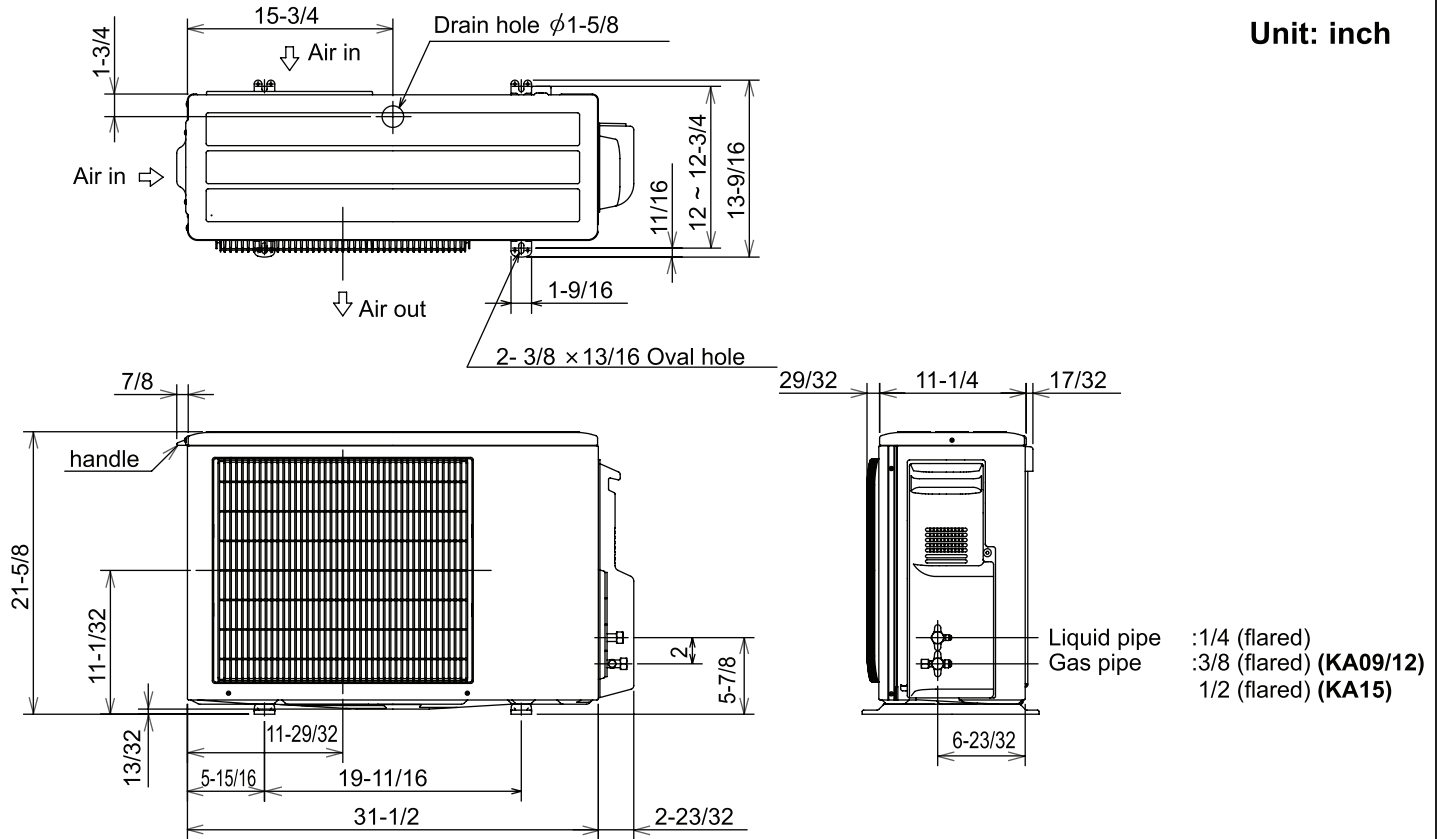
Required space for service and maintenance

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 (29-5/8)	798 (31-7/16)	660 (26)	7	600 (23-5/8)	800 (31-1/2)	660 (26)	5	500 (19-11/16)	16	839 (33-1/16)	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 (47-1/8)	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)	ø12.7(1/2)	
SEZ-KD18NA															

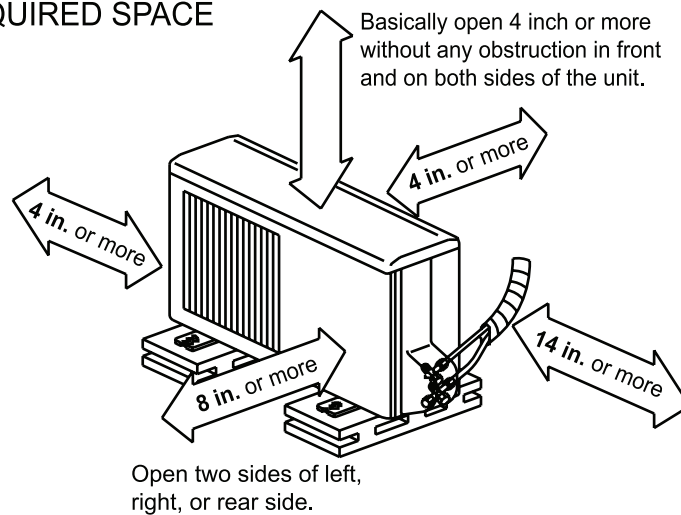
- Note1. Use M10 screw for the suspension bolt (field supply).
 Note2. Keep the service space for the maintenance at the bottom.
 3. This chart indicates for SEZ-KD15NA model, which has 3 fans.
 SEZ-KD09, 12NA models have 2 fans.
 SEZ-KD18NA models have 4 fans.
 4. In case an inlet duct is used, remove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

DIMENSIONS: SUZ-KA15NA

Unit: inch



REQUIRED SPACE



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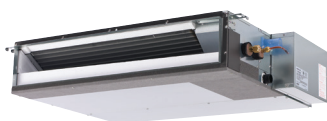
SUBMITTAL DATA: SEZ-KD18NA4** & SUZ-KA18NA

18,000 BTU/H HORIZONTAL-DUCTED HEAT-PUMP SYSTEMS

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

****APPLIES TO INDOOR UNIT:**

- ☐ SEZ-KD18NA4
- ☐ SEZ-KD18NA4.TH
- ☐ SEZ-KD18NAR1.TH
- ☐ SEZ-KD18NA4R1.TH



Indoor Unit: SEZ-KD18NA4**



Outdoor Unit: SUZ-KA18NA

GENERAL FEATURES

- Horizontal-ducted indoor unit for concealed 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
- Indoor unit powered from outdoor unit using A-Control
- AUTO fan speed control
- Automatic restart following a power outage
- Limited warranty: five years parts and seven years compressors

ACCESSORIES
Indoor Unit

- ☐ Filter Box with MERV 8 Filters (FBL1-3)
- ☐ Bottom Return Plate (BRP-3)

Outdoor Unit

- ☐ Drain Socket (MAC-811DS)
- ☐ Drain Pan Heater (MAC-641BH-U)
- ☐ Three-pole Disconnect Switch (TAZ-MS303)
- ☐ Air Outlet Guide (MAC-856SG)
- ☐ Mounting Base (DSD-400N)
- ☐ Mounting Pad (ULTRILITE1)
- ☐ Wall-mounting Brackets (CWMB1)

Controller Options

- ☐ Wireless Wall-mounted Remote Controller Kit (MHK1)*
- ☐ Portable Controller (MCCH1)*
- ☐ Outdoor Air Sensor (MOS1)*

*See Submittal for information on each option.

- ☐ Wired Wall-mounted Controller (PAR-21MAAU)
- ☐ System Control Interface (MAC-333IF)
- ☐ Remote Temperature Sensor (M21-JKO-307)
- ☐ Hand-held Wireless Remote Controller (PAR-FL32MA; eq. PAR-FA32MA-E)
- ☐ Wireless Signal Receiver Module PAR-FA32MA (for PAR-FL32MA)
- ☐ Lockdown Bracket for Hand-held Controller (RCMKP1CB)



SPECIFICATIONS: SEZ-KD18NA4** & SUZ-KA18NA

Cooling*

Rated Capacity 17,200 Btu/h
Capacity Range 3,800 - 19,000 Btu/h
SEER 17.5
Total Input 1,380 W

Heating at 47°F*

Rated Capacity 21,600 Btu/h
Capacity Range 4,800 - 24,900 Btu/h
HSPF 10.0
Total Input 1,700 W

Heating at 17°F*

Rated Capacity 13,100 Btu/h
Rated Total Input 1,350 W
Maximum Capacity** 13,100 Btu/h
Maximum Total Input 1,830 W

* Rating Conditions per AHRI Standard

Cooling | Indoor: 80° F (27° C) DB / 67° F (19° C) WB
Cooling | 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
Heating at 47°F | 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
Heating at 17° F | Outdoor: 17° F (-8° C) DB / 15° F (-9° C) WB

**** Maximum Capacity is at full speed and performance for INVERTER-driven System.**

Electrical Requirements

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

OPERATING CONDITIONS

		Indoor Intake Air Temp.	Outdoor Intake Air Temp.
Cooling	Maximum	90°F (32°C) DB 73°F (23°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	-4°F (-20°C) DB -5°F (-21°C) WB

Voltage

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

Indoor Unit

MCA 1 A
Blower Type x Quantity Sirocco Fan x 4
Blower Motor Type Direct-driven DC Brushless Motor
Blower Motor Output 96 W
Blower Motor (ECM) 0.74 F.L.A.
Airflow (Lo - Med - Hi) 423 - 529 - 635 Dry CFM
381 - 476 - 572 Wet 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 62 lbs. / 28 kg
External Finish Galvanized-steel Sheets
Field Drainpipe Size O.D. 1-1/4" / 32 mm

Outdoor Unit

Compressor DC Inverter-driven Twin Rotary
MCA 14 A
MOCP 15 A
Fan Motor (ECM) 0.93 F.L.A.
Sound Pressure Level
Cooling 54 dB(A)
Heating 56 dB(A)

DIMENSIONS	INCHES / MM
W	33-1/16 / 840
D	13 / 330
H	33-7/16 / 850

Weight 119 lbs. / 54 kg
External Finish Munsell No. 3Y 7.8 / 1.1

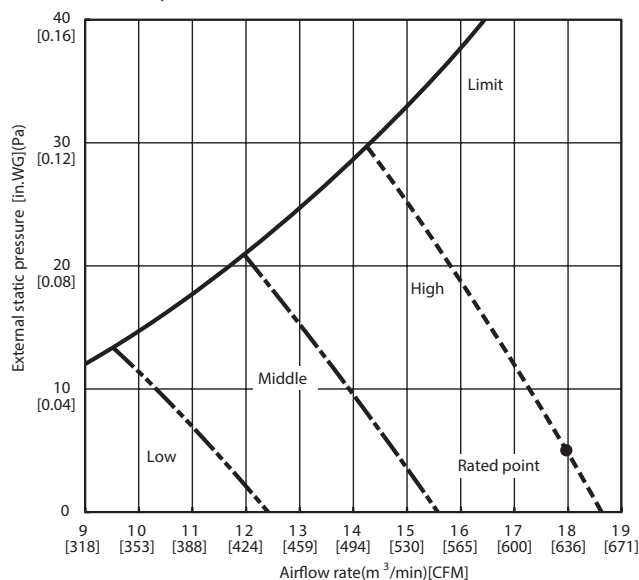
Refrigerant Type R410A
Refrigerant Pipe Size O.D.
Gas Side 1/2" / 12.7 mm
Liquid Side 1/4" / 6.35 mm
Max. Refrigerant Pipe Length 100' / 30 m
Max. Refrigerant Pipe Height Difference 50' / 15 m
Connection Method Flared

Notes:

SEZ-KD18NA4** INDOOR FAN PERFORMANCE AND CORRECTED AIR FLOW CHARTS

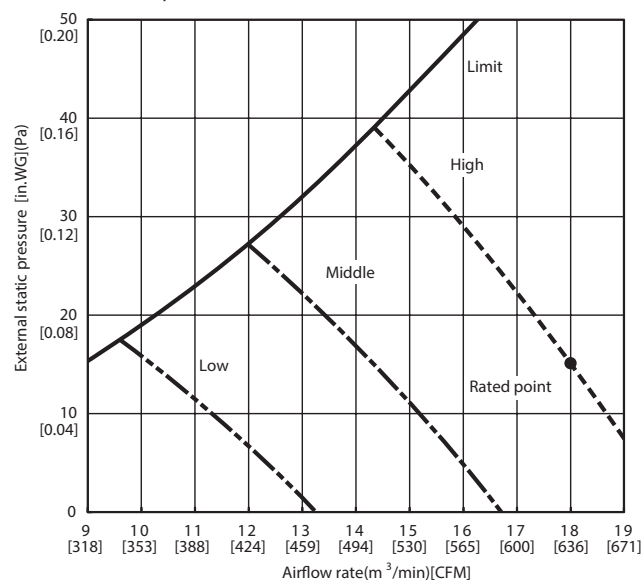
SEZ-KD18NA4**

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



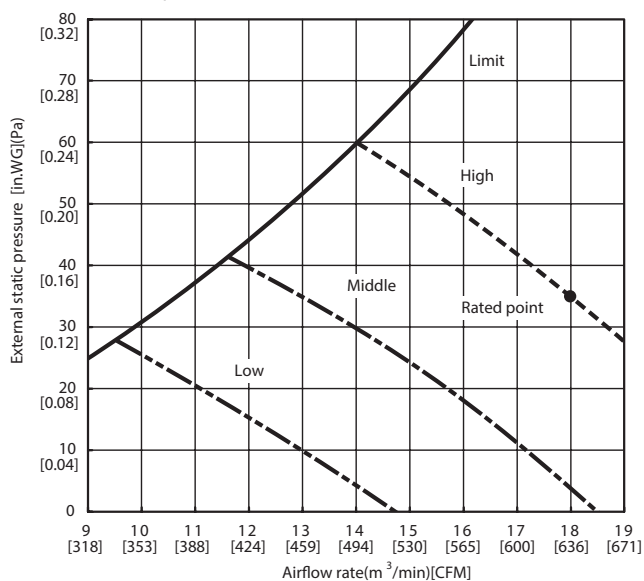
SEZ-KD18NA4**

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



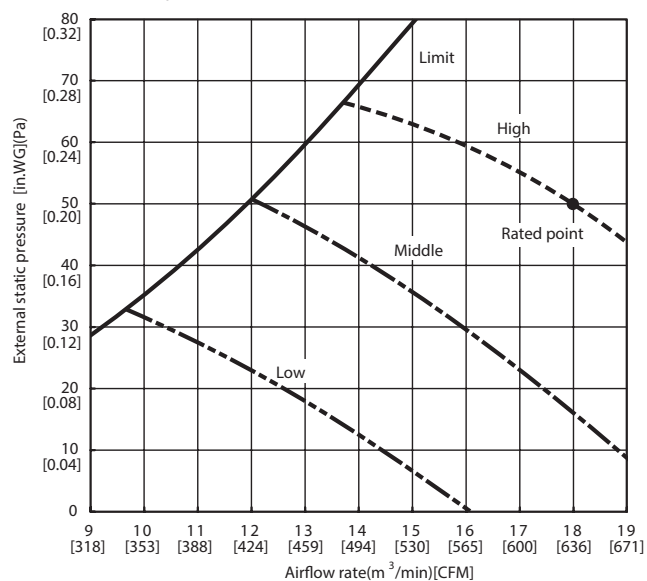
SEZ-KD18NA4**

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



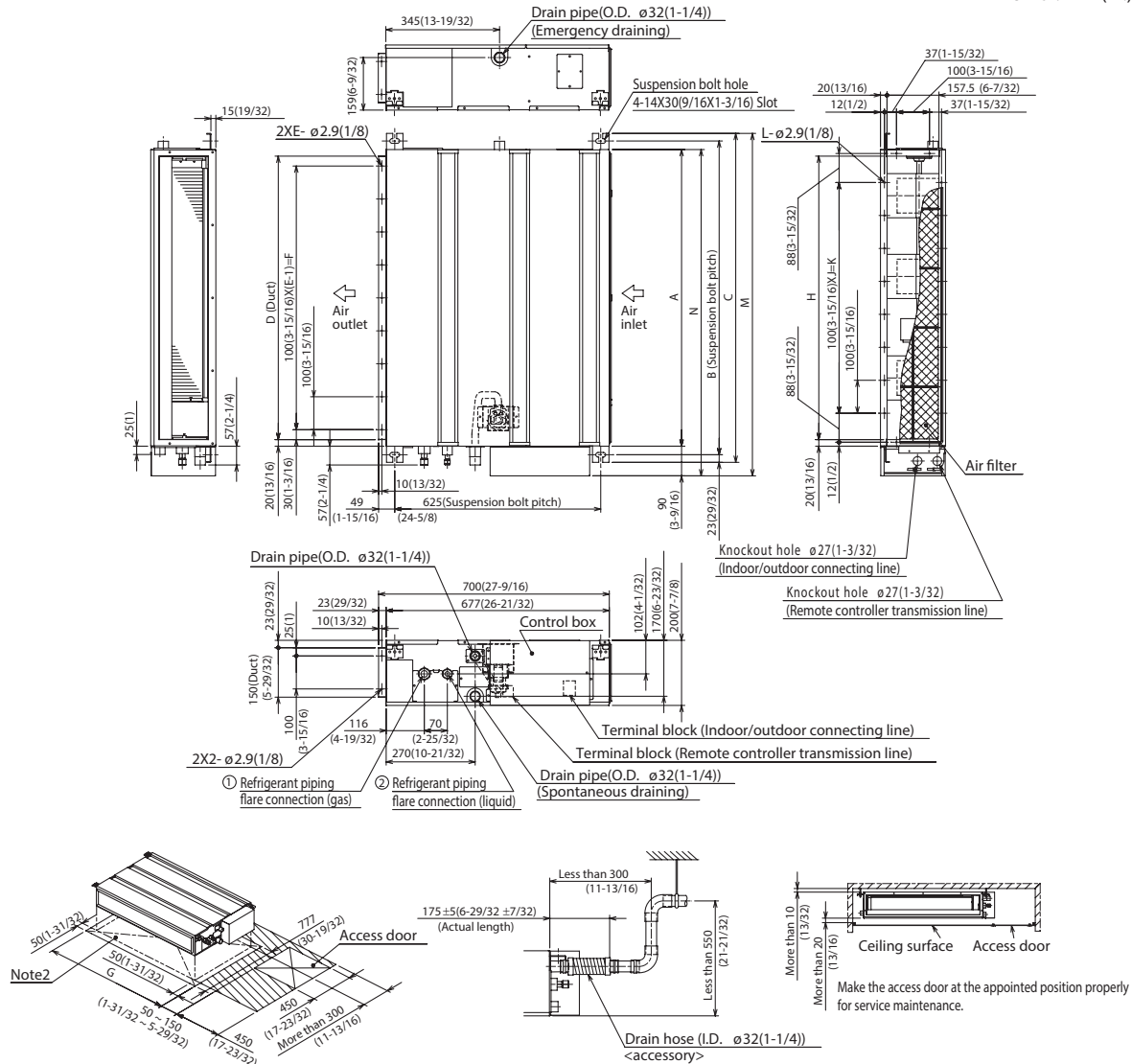
SEZ-KD18NA4**

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



DIMENSIONS: SEZ-KD18NA4**

Unit : mm(in.)



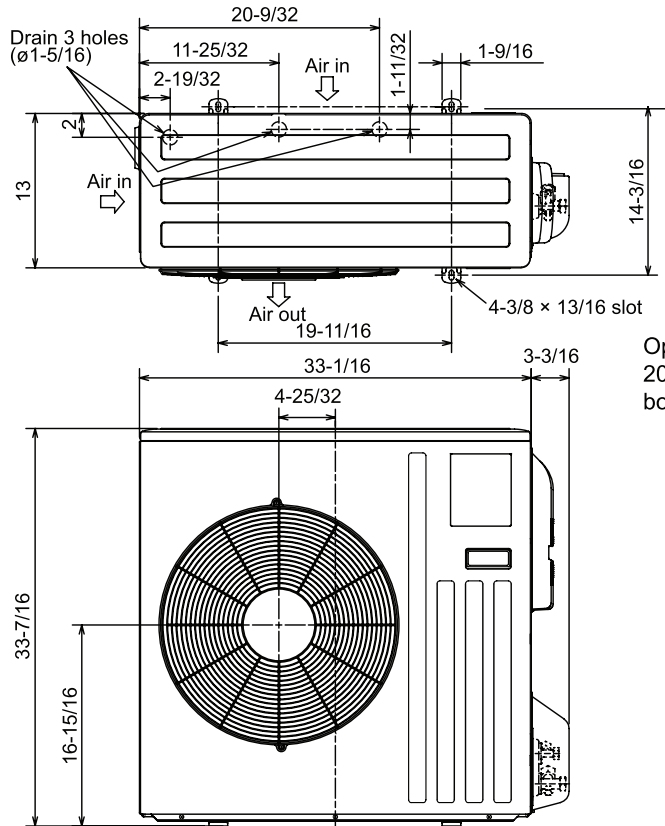
Required space for service and maintenance

Model	A	B	C	D	E	F	G	H	J	K	L	M	N	① Gas pipe	② Liquid pipe
SEZ-KD09NA4**	700 (27-9/16)	752 (29-5/8)	798 (31-7/16)	660 (26)	7	600 (23-5/8)	800 (31-1/2)	660 (26)	5	500 (19-11/16)	16	839 (33-1/16)	790 (31-1/8)	$\phi 9.52(3/8)$	$\phi 6.35(1/4)$
SEZ-KD12NA4**	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)	$\phi 12.7(1/2)$	
SEZ-KD15NA4**	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)		

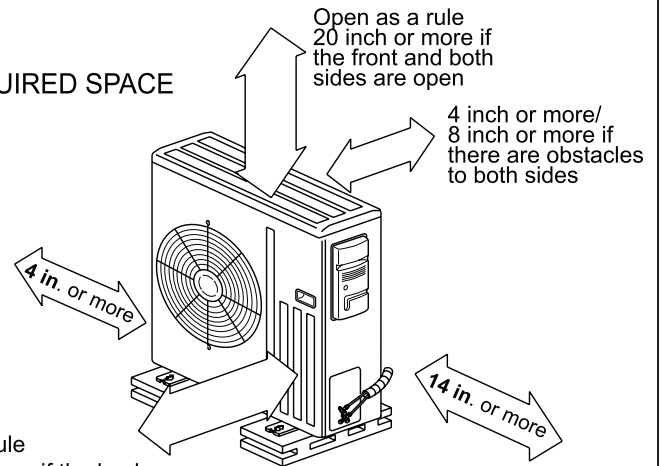
- Note1. Use M10 screw for the suspension bolt (field supply).
 2. Keep the service space for the maintenance at the bottom.
 3. This chart indicates for SEZ-KD15NA4** model, which has 3 fans.
 SEZ-KD09, 12NA4** models have 2 fans.
 SEZ-KD18NA4** models have 4 fans.
 4. In case an inlet duct is used, remove the air filter (supply with the unit), then install the filter (field supply) at suction side.

DIMENSIONS: SUZ-KA18NA

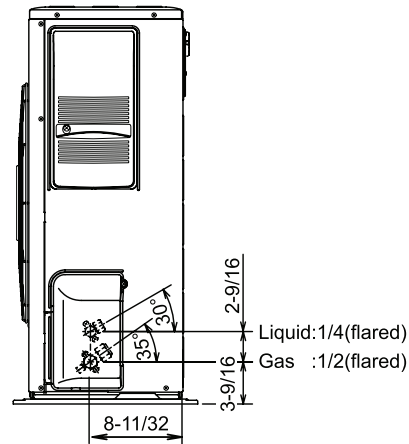
Unit: inch



REQUIRED SPACE



Open as a rule 20 inch or more if the back, both sides and top are open



Intertek



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