

SEZ-AD09NL

8,100 BTU/H LOW STATIC HORIZONTAL-DUCTED INDOOR UNIT



Job Name:

System Reference:

Date:



GENERAL FEATURES

- Built-in condensate lift mechanism
- Concealed horizontal-ducted unit: Concealed horizontal-ducted unit for applications with short duct runs
- Multi-zone: A multi-zone unit provides the temperature management of multiple zones within a building.
- Multiple control options, including the comfort app for remote access, third-party interfaces, and both wired and wireless controllers
- Quiet operation: Quiet operation units are as quiet as a typical conversation, and most indoor units are whisper quiet.
- Ultra-thin body: 7-7/8" high

Specifications			System
Unit Type			SEZ-AD09NL
Cooling Capacity (Nominal) ^{1,3}	Cooling Capacity (Nominal)	Btu/h	8,100
Heating Capacity (Nominal) ^{2,3}	Heating Capacity (Nominal)	Btu/h	10,900
Electrical	Voltage, Phase, Frequency	V AC / V AC, ø, Hz	208 / 230, 1, 60
	Voltage: Indoor - Outdoor, S1-S2	V AC	208/230
	Voltage: Indoor - Outdoor, S2-S3	V DC	12-24
	MOC	A	15
Indoor Unit	Fan Motor Type		DC Motor
	Fan Motor Output	W	96
	Airflow Rate at Cooling, Dry	CFM	194, 247, 317
	Airflow Rate at Heating, Dry	CFM	194, 247, 317
	Sound Pressure Level [Cooling]	dB (A)	23, 26, 30
	Sound Pressure Level [Heating]	dB (A)	23, 26, 30
	External Static Pressure	in.WG	0.02, 0.06, 0.14, 0.20
	DBC on HEX (Yes or No)		No
	Unit Dimensions (W x D x H)	inch x inch x inch [mm x mm x mm]	31-1/8 x 27-9/16 x 7-7/8 [790 x 700 x 200]
	Package Dimensions (W x D x H)	inch x inch x inch [mm x mm x mm]	39-3/8 x 35-7/16 x 14-3/16 [1,000 x 900 x 360]
Refrigerant	Unit Weight	lbs [kg]	42 [19]
	Package Weight	lbs [kg]	62 [28]
Piping	Liquid Pipe Size O.D.	inch [mm]	1/4 [6.35]
	Gas Pipe Size O.D.	inch [mm]	3/8 [9.52]
Drain Pipe	Drain Pipe Size O.D.	inch [mm]	1-1/4 [32]

NOTES
¹Cooling at 95°F (Indoor: 80°F DB, 67°F WB // Outdoor: 95°F DB, 75°F WB)
²Heating at 47°F (Indoor: 70°F DB, 60°F WB // Outdoor: 47°F DB, 43°F WB)
³Nominal capacity only. Actual capacity output varies based on the system-specific configuration.

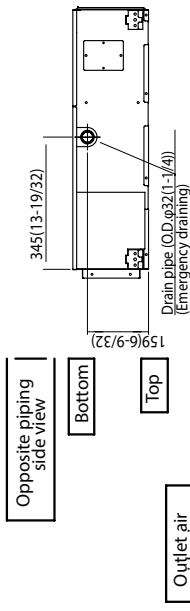
INDOOR UNIT ACCESSORIES: SEZ-AD09NL

Condensate	Blue Diamond Advanced Mini Condensate Pump w Reservoir Sensor 208230V recommended	X87-721
	Blue Diamond MaxiBlue Advanced Mini Condensate Pump w Reservoir Sensor 110V up to 48000 BTUH recommended	X87-711
	Blue Diamond MegaBlue Advanced Condensate Pump w Reservoir Sensor	X87-835
	Blue Diamond MicroBlue Mini Condensate Pump 110208230V up to 18000 BTUH	X86-003
	Blue Diamond MultiTank collection tank for use with multiple pumps	C21-014
	Blue Diamond Sensor Extension Cable 15 Ft	C13-103
	Refco Condensate Pump 100-240 VAC up to 120000 BTUH	COMBI
	Sauermann Condensate Pump	SI30-230
Control Interface	Airzone Wired Blueface Controller Black	AZZBSBLUEZEROCN
	Airzone Wired Blueface Controller White	AZZBSBLUEZEROCB
	Airzone Wired Lite Controller Black	AZZBSLITECN
	Airzone Wired Lite Controller White	AZZBSLITECB
	Airzone Wireless Lite Controller Black	AZZBSLITERN
	Airzone Wireless Lite Controller White	AZZBSLITERB
	Airzone Wireless Think Controller Black	AZZBSTHINKRKN
	Airzone Wireless Think Controller White	AZZBSTHINKRKB
	IT Extender for kumo station	PAC-WHS01IE-E
	kumo station for the Comfort app	PAC-WHS01HC-E
	Operation and Error Status Output Adapter ¹	PAC-SF40RM-E
	Thermostat Interface for 3rd Party Thermostats	PAC-US445CN-1
Lineset	Wireless Interface Adapter for the Comfort app	PAC-USWHS002-WF-2
	15 x 1/4 x 15 3/8 Lineset Twin-Tube Insulation	MLS143812T-15
	30 x 1/4 x 30 3/8 Lineset Twin-Tube Insulation	MLS143812T-30
	50 x 1/4 x 50 3/8 Lineset Twin-Tube Insulation	MLS143812T-50
	65 x 1/4 x 65 3/8 Lineset Twin-Tube Insulation	MLS143812T-65
Wired Remote Controller	Deluxe Wired MA Remote Controller	PAR-42MAAUB
	Simple Direct Wired Remote Controller	PAC-SDW01RC-1
	Simple MA Remote Controller ¹	PAC-YT53CRAU-J
	Touch MA Wired Remote Controller ¹	PAR-CT01MAU-SB
Remote Sensor	Flush Mount Remote Temperature Sensor for SEZ SLZ SVZ and all P-Series models	PAC-USSEN002-FM-1
	Wall Mount Remote Temperature Sensor	PAC-SE41TS-E
	Wireless temperature and humidity sensor for the Comfort app	PAC-USWHS003-TH-1
Wireless Remote Controller	Lockdown Bracket for Wireless Handheld Remote Controllers	RCMKP1CB
	RedLINK Wireless Remote Controller	MHK2
	Universal Wireless Receiver for PAR-FL32MA-E	PAR-FA32MA-W
	Wireless Signal Receiver	PAR-SA9CA-E
Control Wire	202PR 1PR shielded 1PR plenum wire for Airzone 100 ft reel	CW2042S2-100
	202PR shielded 1PR plenum wire for Airzone 500 ft reel	CW2042S2-500
Filter Box	Filter Box with MERV 8 Filter	FBL1-1
Disconnect Switch	30A600VUL fits 2 X 4 utility box - Black	TAZ-MS303
	30A600VUL fits 2 X 4 utility box - White	TAZ-MS303W
Power Supplies & Auxiliary Components	3-Pin Wiring Harness	PAC-715AD
	5-Pin Wiring Harness	PAC-725AD
Power Supplies and Auxiliary Components	Backup Heat Relay Kit Adapter for CN24 or CN152 Connector	CN24RELAY-KIT-CM3
NOTES		

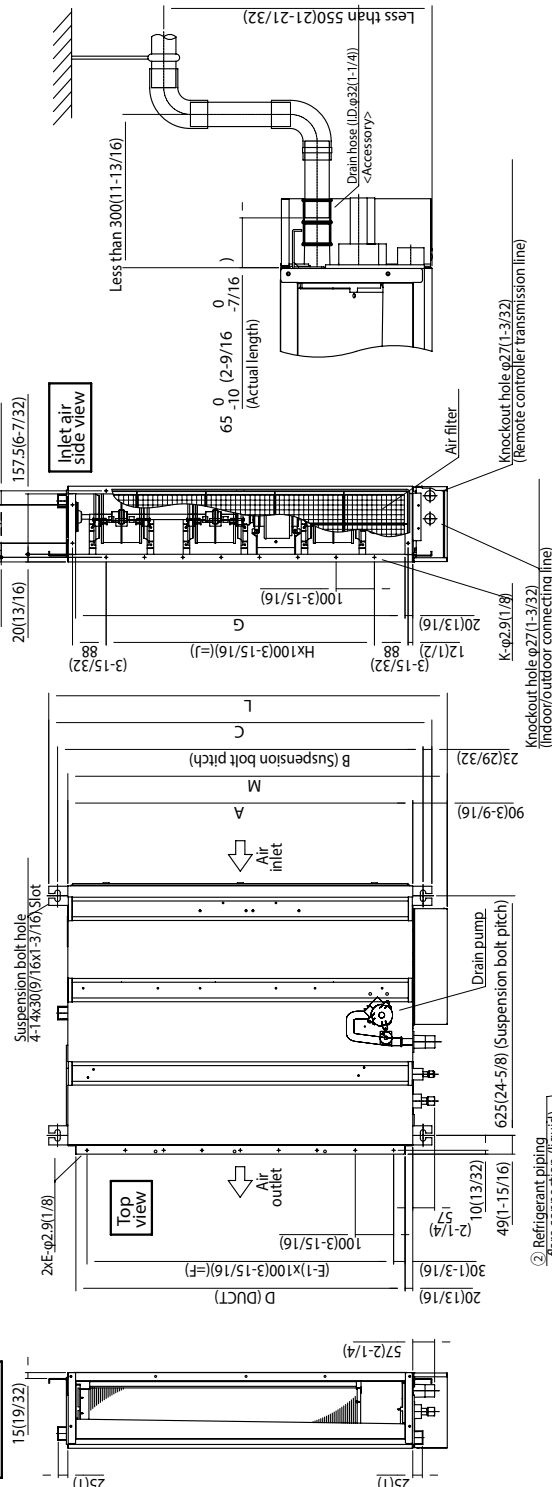
INDOOR UNIT DIMENSIONS: SEZ-AD09NL

Model	A	B	C	D	E	F	G	H	J	K	L	M	① Gas pipe	② Liquid pipe
SEZ-AD09NL	700 (27-9/16)	752 (29-5/8)	798 (31-7/16)	660 (26)	600 (23-5/8)	660 (26)	660 (26)	500 (19-1/16)	16 (5/8)	839 (33-1/16)	790 (31-1/8)	790 (31-1/8)	φ9.52 (3/8)	φ6.35 (1/4)
SEZ-AD12NL	900 (35-7/16)	952 (37-1/2)	998 (39-5/16)	860 (33-7/8)	800 (31-1/2)	860 (33-7/8)	860 (33-7/8)	700 (27-9/16)	20 (13/16)	1039 (40-29/32)	990 (39)	990 (39)	φ12.7 (1/2)	φ6.35 (1/4)
SEZ-AD15NL	1100 (43-3/8)	1152 (45-3/8)	1198 (47-3/16)	1060 (41-3/4)	1000 (39-3/8)	1060 (41-3/4)	1060 (41-3/4)	900 (35-7/16)	24 (1 1/2)	1239 (48-25/32)	1190 (46-7/8)	1190 (46-7/8)	φ12.7 (1/2)	φ6.35 (1/4)

Unit:mm(in.)



Outlet air side view



- 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-AD15NL model, which have 3 fans.
 SEZ-AD09*12NL models have 2 fans.
 SEZ-AD18NL model have 4 fans.
 4 In case of the 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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EXTERNAL DIMENSION
 SEZ-AD09*12*15*18NL

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