

# SEZ-AD12NL

## 11,500 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-AD12NL                                     |
| Cooling Capacity (Nominal) <sup>1,3</sup>                                                                     | Cooling Capacity (Nominal)       | Btu/h                                | 11,500                                         |
| Heating Capacity (Nominal) <sup>2,3</sup>                                                                     | Heating Capacity (Nominal)       | Btu/h                                | 13,600                                         |
| 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                                  | 247, 317, 388                                  |
|                                                                                                               | Airflow Rate at Heating, Dry     | CFM                                  | 247, 317, 388                                  |
|                                                                                                               | Sound Pressure Level [Cooling]   | dB (A)                               | 23, 28, 33                                     |
|                                                                                                               | Sound Pressure Level [Heating]   | dB (A)                               | 23, 28, 33                                     |
|                                                                                                               | 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<br>[mm x mm x mm] | 39 x 27-9/16 x 7-7/8 [990 x 700 x 200]         |
|                                                                                                               | Package Dimensions (W x D x H)   | inch x inch x inch<br>[mm x mm x mm] | 47-1/4 x 35-7/16 x 14-3/16 [1,200 x 900 x 360] |
| Refrigerant                                                                                                   | Unit Weight                      | lbs [kg]                             | 50 [22.50]                                     |
|                                                                                                               | Package Weight                   | lbs [kg]                             | 73 [33]                                        |
| 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                                                                                                         |                                  |                                      |                                                |
| <sup>1</sup> Cooling at 95°F (Indoor: 80°F DB, 67°F WB // Outdoor: 95°F DB, 75°F WB)                          |                                  |                                      |                                                |
| <sup>2</sup> Heating at 47°F (Indoor: 70°F DB, 60°F WB // Outdoor: 47°F DB, 43°F WB)                          |                                  |                                      |                                                |
| <sup>3</sup> Nominal capacity only. Actual capacity output varies based on the system-specific configuration. |                                  |                                      |                                                |

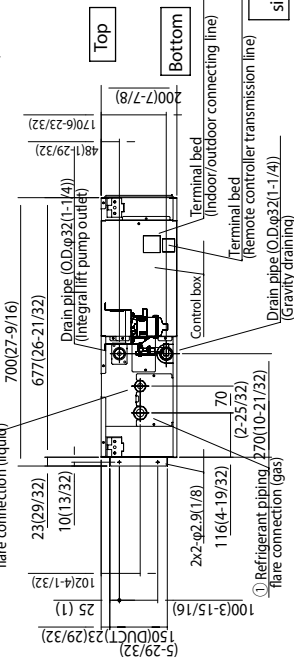
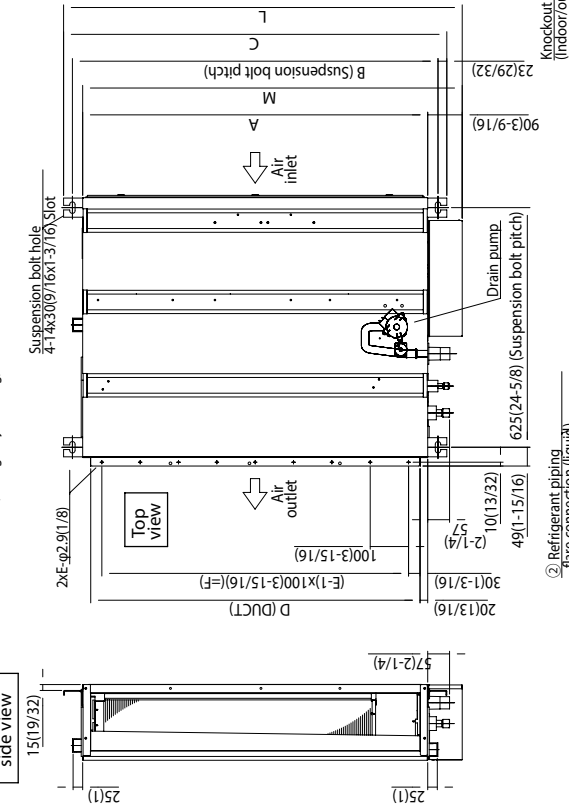
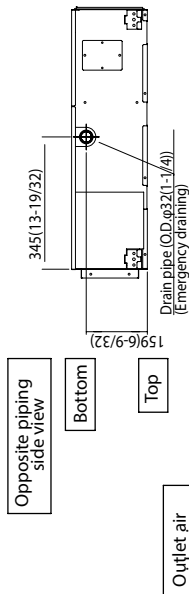
## INDOOR UNIT ACCESSORIES: SEZ-AD12NL

|                                         |                                                                                                          |                   |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------|-------------------|
| 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          |
| 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       |
| 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 |
| 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                                                                  | AZZBSTHINKRN      |
|                                         | Airzone Wireless Think Controller White                                                                  | AZZBSTHINKRB      |
|                                         | IT Extender for kumo station                                                                             | PAC-WHS01IE-E     |
|                                         | kumo station for the Comfort app                                                                         | PAC-WHS01HC-E     |
|                                         | Operation and Error Status Output Adapter <sup>1</sup>                                                   | 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     |
| Power Supplies & Auxiliary Components   | 65 x 1/4 x 65 3/8 Lineset Twin-Tube Insulation                                                           | MLS143812T-65     |
|                                         | 3-Pin Wiring Harness                                                                                     | PAC-715AD         |
| Disconnect Switch                       | 5-Pin Wiring Harness                                                                                     | PAC-725AD         |
|                                         | 30A600VUL fits 2 X 4 utility box - Black                                                                 | TAZ-MS303         |
| Wired Remote Controller                 | 30A600VUL fits 2 X 4 utility box - White                                                                 | TAZ-MS303W        |
|                                         | Deluxe Wired MA Remote Controller                                                                        | PAR-42MAAUB       |
|                                         | Simple Direct Wired Remote Controller                                                                    | PAC-SDW01RC-1     |
|                                         | Simple MA Remote Controller <sup>1</sup>                                                                 | PAC-YT53CRAU-J    |
| Control Wire                            | Touch MA Wired Remote Controller <sup>1</sup>                                                            | PAR-CT01MAU-SB    |
|                                         | 202PR 1PR shielded 1PR plenum wire for Airzone 100 ft reel                                               | CW2042S2-100      |
| Filter Box                              | 202PR shielded 1PR plenum wire for Airzone 500 ft reel                                                   | CW2042S2-500      |
|                                         | Filter Box with MERV 8 Filter                                                                            | FBL1-2            |
| Power Supplies and Auxiliary Components | Backup Heat Relay Kit Adapter for CN24 or CN152 Connector                                                | CN24RELAY-KIT-CM3 |
| NOTES                                   |                                                                                                          |                   |

# INDOOR UNIT DIMENSIONS: SEZ-AD12NL

| Model      | A    | B    | C    | D    | E    | F  | G    | H    | J  | K  | L    | M    | ① Gas pipe     | ② Liquid pipe  |
|------------|------|------|------|------|------|----|------|------|----|----|------|------|----------------|----------------|
| SEZ-AD09NL | 700  | 752  | 798  | 660  | 660  | 7  | 600  | 660  | 5  | 16 | 839  | 790  | φ9.52<br>(3/8) | φ6.35<br>(1/4) |
| SEZ-AD12NL | 900  | 952  | 998  | 860  | 860  | 9  | 800  | 860  | 7  | 20 | 1039 | 990  | φ9.52<br>(3/8) | φ6.35<br>(1/4) |
| SEZ-AD15NL | 1100 | 1152 | 1198 | 1060 | 1060 | 11 | 1000 | 1060 | 9  | 24 | 1239 | 1190 | φ9.52<br>(3/8) | φ6.35<br>(1/4) |
| SEZ-AD18NL | 1300 | 1352 | 1398 | 1260 | 1260 | 13 | 1200 | 1260 | 11 | 28 | 1439 | 1390 | φ9.52<br>(3/8) | φ6.35<br>(1/4) |

Unit:mm(in.)



- Note 1 Use M10 screw for the suspension bolt (field supply).
- Keep the service space for the maintenance at the bottom.
- This chart indicates for SEZ-AD15NL model, which have 3 fans.
- SEZ-AD09-12NL models have 2 fans.
- SEZ-AD18NL model have 4 fans.
- 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.

本図面の所有権は三菱電機株式会社にある。  
THIS DOCUMENT IS THE PROPERTY OF MITSUBISHI ELECTRIC CORPORATION.

| 作成年月日      | 改定年月日 | 図面番号                           | ページ |
|------------|-------|--------------------------------|-----|
| 2024-06-13 |       | MITSUBISHI ELECTRIC C-PP-RAT-N | 1/2 |
| 2024-06-13 |       | W K894C7QH                     |     |

1340 Satellite Boulevard Suwanee, GA 30024  
Toll Free: 800-433-4822 <https://mitsubishicomfort.com>

