

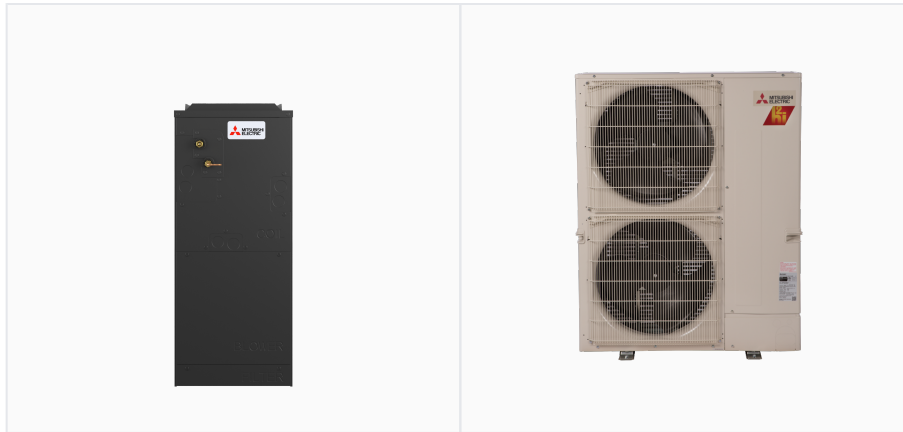
SVZ-AP48NL & SUZ-AK48NLHZ  
48,000 BTU/H DUCTED AIR HANDLER INDOOR UNIT  
48,000 BTU/H HYPER HEAT PUMP OUTDOOR UNIT



Job Name:

System Reference:

Date:



INDOOR Unit ... SVZ-AP48NL

OUTDOOR Unit ... SUZ-AK48NLHZ

#### INDOOR UNIT FEATURES

- Wi-Fi Optional: A Wireless Interface Adapter can be ordered as an accessory for field installation.
- Auto Changeover: The unit will automatically switch between heating and cooling modes to maintain your desired temperature.
- Multi-Position Installation: Versatile installation options, including horizontal (left or right) and vertical (up or down) orientations, with included drain pans to facilitate easy setup for any configuration.
- Blow-through design: Unique blow-through design allows simple coil cleaning when the blower is removed.
- Three Speed Fan: Adjust the fan between three speed settings to optimal comfort.

#### OUTDOOR UNIT FEATURES

- H2i® Hyper-Heating: 100% heating capacity down to 5° F .
- Inverter Driven Compressor: Inverter technology uses only the precise amount of energy needed to keep a space comfortable.
- Blue Fin Coating: Anti-corrosion coating that protects the outdoor heat exchanger against salt, sulfur, and other airborne contaminants that impact the efficiency and performance of the outdoor units.
- Base Pan Heater: This advanced base pan heater helps to prevent interrupted operation due to water freezing after a defrost cycle, ensuring your warmth and comfort during colder weather.
- Seacoast Protection: An anti-corrosion treatment applied to the aluminum fins of the heat exchanger of the outdoor unit to protect against corrosion caused by salt, sulfur, and other airborne contaminants, especially in coastal and industrial areas.
- Flash Injection: Flash Injection enables optimum compressor performance when it is running at higher speeds to maintain indoor comfort during cold temperatures.

# SPECIFICATIONS: SVZ-AP48NL & SUZ-AK48NLHZ

|                              |                                               |                                     |                                           |
|------------------------------|-----------------------------------------------|-------------------------------------|-------------------------------------------|
| Cooling at 95F <sup>1</sup>  | Maximum Capacity                              | Btu/h                               | 52000                                     |
|                              | Rated Capacity                                | Btu/h                               | 48000                                     |
|                              | Minimum Capacity                              | Btu/h                               | 18000                                     |
|                              | Maximum Power Input                           | W                                   | 4640                                      |
|                              | Rated Power Input                             | W                                   | 4310                                      |
|                              | Moisture Removal                              | Pints/h                             | 11.90                                     |
|                              | Sensible Heat Factor                          |                                     | 0.75                                      |
| Heating at 47F <sup>2</sup>  | Power Factor [208V / 230V]                    | %                                   | 93 / 93                                   |
|                              | Maximum Capacity                              | Btu/h                               | 60000                                     |
|                              | Rated Capacity                                | Btu/h                               | 60000                                     |
|                              | Minimum Capacity                              | Btu/h                               | 12800                                     |
|                              | Maximum Power Input                           | W                                   | 5170                                      |
|                              | Rated Power Input                             | W                                   | 5170                                      |
|                              | Power Factor [208V / 230V]                    | %                                   | 94 / 94                                   |
| Heating at 17F <sup>3</sup>  | Maximum Capacity                              | Btu/h                               | 52000                                     |
|                              | Rated Capacity                                | Btu/h                               | 30800                                     |
|                              | Maximum Power Input                           | W                                   | 6130                                      |
|                              | Rated Power Input                             | W                                   | 3760                                      |
| Heating at 5F <sup>5</sup>   | Maximum Capacity                              | Btu/h                               | 52000                                     |
|                              | Maximum Power Input                           | W                                   | 7940                                      |
| Heating at -13F <sup>9</sup> | Maximum Capacity                              | Btu/h                               | 44000                                     |
| Efficiency                   | SEER2                                         |                                     | 18.10                                     |
|                              | EER2 <sup>1</sup>                             |                                     | 9.40                                      |
|                              | HSPF2 [IV]                                    |                                     | 8.50                                      |
|                              | COP at 47°F <sup>2</sup>                      |                                     | 3.40                                      |
|                              | COP at 17°F at Maximum Capacity <sup>3</sup>  |                                     | 2.48                                      |
|                              | COP at 5°F at Maximum Capacity <sup>5</sup>   |                                     | 1.90                                      |
|                              | COP at -13°F at Maximum Capacity <sup>9</sup> |                                     | 1.12                                      |
| Electrical                   | ENERGY STAR® Certified                        |                                     | No                                        |
|                              | Voltage, Phase, Frequency                     | V AC / V AC , Ø , Hz                | 208 / 230 , 1 , 60                        |
|                              | Guaranteed Voltage Range                      | V AC                                | 198 - 253                                 |
|                              | Voltage: Indoor - Outdoor, S1-S2              | V AC                                | IDU Powered Separately                    |
|                              | Voltage: Indoor - Outdoor, S2-S3              | V DC                                | 12-24                                     |
|                              | Short-circuit Current Rating [SCCR]           | kA                                  | 5                                         |
|                              | Recommended Fuse/Breaker Size (Outdoor)       | A                                   | 40                                        |
| Indoor Unit                  | Recommended Wire Size [Indoor - Outdoor]      | AWG                                 | 14                                        |
|                              | MCA                                           | A                                   | 5.63                                      |
|                              | Breaker Size                                  | A                                   | 15                                        |
|                              | Fan Motor Output                              | W                                   | 430                                       |
|                              | Fan Motor Type                                |                                     | DC Motor                                  |
|                              | Airflow Rate at Cooling, Dry                  | CFM                                 | 1040 , 1262 , 1485                        |
|                              | Airflow Rate at Heating, Dry                  | CFM                                 | 1040 , 1262 , 1485                        |
|                              | Sound Pressure Level [Cooling]                | dB (A)                              | 45 , 48 , 52                              |
|                              | Sound Pressure Level [Heating]                | dB (A)                              | 45 , 48 , 52                              |
|                              | External Static Pressure                      | in.WG                               | 0.30 , 0.50 , 0.80                        |
|                              | Drain Pipe Size O.D.                          | inch [ mm ]                         | 3/4 [ 19.05 ]                             |
|                              | External Finish Color                         |                                     | 6.2PB 9/0.9                               |
|                              | Unit Dimensions (W x D x H)                   | inch x inch x inch [ mm x mm x mm ] | 25 x 21-5/8 x 59-1/2 [ 635 x 548 x 1511 ] |
|                              | Package Dimensions (W x D x H)                | inch x inch x inch [ mm x mm x mm ] | 26 x 28-3/4 x 66 [ 660 x 730 x 1675 ]     |
|                              | Unit Weight                                   | lbs [ kg ]                          | 172 [ 78 ]                                |
|                              | Package Weight                                | lbs [ kg ]                          | 198 [ 90 ]                                |
| IDU Operating Temp. Range    | Cooling Intake Air Temp [Maximum / Minimum]   | °FDB , °FWB / °FDB , °FWB           | 90 , 73 / 66 , 59                         |
|                              | Heating Intake Air Temp [Maximum / Minimum]   | °FDB                                | 82 / 50                                   |
| Outdoor Unit                 | MCA                                           | A                                   | 35                                        |
|                              | MOCP                                          | A                                   | 60                                        |

## Notes

<sup>1</sup>Cooling at 95°F (Indoor // Outdoor) °F 80 DB, 67 WB // 95 DB, 75 WB

<sup>2</sup>Heating at 47°F (Indoor // Outdoor) °F 70 DB, 60 WB // 47 DB, 43 WB

<sup>3</sup>Heating at 17°F (Indoor // Outdoor) °F 70 DB, 60 WB // 17 DB, 15 WB

<sup>5</sup>Heating at 5°F (Indoor // Outdoor) °F 70 DB, 60 WB // 5 DB, 4 WB

<sup>9</sup>Heating at -13°F (Indoor // Outdoor) °F 70 DB, 60 WB // -13 DB, -14 WB

<sup>\*</sup>Indoor/Outdoor Unit Operating Temperature Range (Cooling Air Temp [Maximum / Minimum]): • Applications should be restricted to comfort cooling only; equipment cooling applications are not recommended for low ambient temperature conditions.

<sup>\*\*</sup>Outdoor Unit Operating Temperature Range (Cooling Thermal Lock-out / Re-start Temperatures; Heating Thermal Lock-out / Re-start Temperatures): • System cuts out in heating mode and automatically restarts at these temperatures.

# SPECIFICATIONS: SVZ-AP48NL & SUZ-AK48NLHZ

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                            |                                     |                                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|-------------------------------------|---------------------------------------------------|
| Outdoor Unit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Fan Motor Output                                           | W                                   | 213+213                                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Airflow Rate Cooling                                       | CFM                                 | 4020                                              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Airflow Rate Heating                                       | CFM                                 | 4020                                              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Defrost Method                                             |                                     | Reverse Cycle                                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Coating on Heat Exchanger (Bluefin, Sea Coast)             |                                     | Yes , Yes                                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Sound Pressure Level, Cooling <sup>1</sup>                 | dB (A)                              | 60                                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Sound Pressure Level, Heating <sup>2</sup>                 | dB (A)                              | 62                                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Compressor Type                                            |                                     | Twin Rotary                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Compressor Model                                           |                                     | MRK53FFJMC-L                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Compressor Oil [Type // Charge]                            | // oz                               | RM68EH // 60                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | External Finish Color                                      |                                     | Munsell 3Y 7.8/1.1                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Base Pan Heater                                            |                                     | Built-in                                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Unit Dimensions (W x D x H)                                | inch x inch x inch [ mm x mm x mm ] | 41-11/32 x 14 x 52-43/64 [ 1050 x 355 x 1338 ]    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Package Dimensions (W x D x H)                             | inch x inch x inch [ mm x mm x mm ] | 42-15/16 x 17-3/4 x 58-5/16 [ 1090 x 450 x 1480 ] |
| ODU Operating Temp. Range                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Unit Weight                                                | lbs [ kg ]                          | 271 [ 123 ]                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Package Weight                                             | lbs [ kg ]                          | 291 [ 135 ]                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Cooling Intake Air Temp [Maximum / Minimum*]               | °FDB                                | 115 / 23                                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Heating Intake Air Temp [Maximum / Minimum]                | °FDB , °FWB / °FDB , °FWB           | 75 , 59 / -13 , -13                               |
| Refrigerant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Heating Thermal Lock-out / Re-start Temperatures**         | °FDB                                | -22.5 / -14                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Type                                                       |                                     | R454B                                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Pre-Charged Refrigerant Amount                             | lbs , oz                            | 11 , 7                                            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Maximum Pre-Charged Piping Length                          | ft [ m ]                            | 100 [ 30 ]                                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Additional Refrigerant Charge Per Additional Piping Length | oz/ft                               | 0.6                                               |
| Piping                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Liquid Pipe Size O.D. [Flared]                             | inch [ mm ]                         | 3/8 [ 9.52 ]                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Gas Pipe Size O.D. [Flared]                                | inch [ mm ]                         | 5/8 [ 15.88 ]                                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Maximum Piping Length                                      | ft [ m ]                            | 245 [ 75 ]                                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Maximum Height Difference                                  | ft [ m ]                            | 100 [ 30 ]                                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Maximum Number of Bends                                    |                                     | 15                                                |
| <b>Notes</b><br><sup>1</sup> Cooling at 95°F (Indoor // Outdoor) °F 80 DB, 67 WB // 95 DB, 75 WB<br><sup>2</sup> Heating at 47°F (Indoor // Outdoor) °F 70 DB, 60 WB // 47 DB, 43 WB<br><sup>3</sup> Heating at 17°F (Indoor // Outdoor) °F 70 DB, 60 WB // 17 DB, 15 WB<br><sup>5</sup> Heating at 5°F (Indoor // Outdoor) °F 70 DB, 60 WB // 5 DB, 4 WB<br><sup>9</sup> Heating at -13°F (Indoor // Outdoor) °F 70 DB, 60 WB // -13 DB, -14 WB<br>*Indoor/Outdoor Unit Operating Temperature Range (Cooling Air Temp [Maximum / Minimum]): • Applications should be restricted to comfort cooling only; equipment cooling applications are not recommended for low ambient temperature conditions.<br>**Outdoor Unit Operating Temperature Range (Cooling Thermal Lock-out / Re-start Temperatures; Heating Thermal Lock-out / Re-start Temperatures): • System cuts out in heating mode and automatically restarts at these temperatures. |                                                            |                                     |                                                   |

# INDOOR UNIT ACCESSORIES: SVZ-AP48NL

|                            |                                                                                                          |                                            |
|----------------------------|----------------------------------------------------------------------------------------------------------|--------------------------------------------|
| Condensate                 | Blue Diamond Sensor Extension Cable 15 Ft                                                                | <input type="checkbox"/> C13-103           |
|                            | Blue Diamond MaxiBlue Advanced Mini Condensate Pump w Reservoir Sensor 110V up to 48000 BTUH recommended | <input type="checkbox"/> X87-711           |
|                            | Blue Diamond MegaBlue Condensate Pump with Reservoir Sensor 115-230V up to 170k BTU/h                    | <input type="checkbox"/> X87-835           |
|                            | Refco Condensate Pump 100-240V up to 120k BTU/h                                                          | <input type="checkbox"/> COMBI             |
|                            | Blue Diamond MaxiBlue Condensate Pump with Reservoir Sensor 115-230V up to 48k BTU/h                     | <input type="checkbox"/> X88-721           |
|                            | Sauermann Condensate Pump 120-230V up to 60k BTU/h                                                       | <input type="checkbox"/> SI30-230          |
| Control Interface          | IT Extender                                                                                              | <input type="checkbox"/> PAC-WHS01IE-E     |
|                            | Operation and Error Status Output Adapter                                                                | <input type="checkbox"/> PAC-SF40RM-E      |
|                            | Airzone Wired Lite Controller White                                                                      | <input type="checkbox"/> AZZBSLITECB       |
|                            | Airzone Wireless Think Controller Black                                                                  | <input type="checkbox"/> AZZBSTHINKRN      |
|                            | Procon BACnet® and Modbus® Interface                                                                     | <input type="checkbox"/> PAC-UKPRC001-CN-1 |
|                            | Wireless Interface 2 for Comfort app                                                                     | <input type="checkbox"/> PAC-USWHS002-WF-2 |
|                            | Airzone Wireless Lite Controller White                                                                   | <input type="checkbox"/> AZZBSLITERB       |
|                            | Airzone Wired Blueface Controller Black                                                                  | <input type="checkbox"/> AZZBSBLUEZEROCN   |
|                            | Thermostat Interface for 3rd Party Thermostats                                                           | <input type="checkbox"/> PAC-US445CN-1     |
|                            | Airzone Wired Blueface Controller White                                                                  | <input type="checkbox"/> AZZBSBLUEZEROCB   |
|                            | Airzone Wireless Think Controller White                                                                  | <input type="checkbox"/> AZZBSTHINKRB      |
|                            | kumo station® for Comfort app                                                                            | <input type="checkbox"/> PAC-WHS01HC-E     |
| Control Wire               | 202PR shielded 1PR plenum wire for Airzone 500 ft reel                                                   | <input type="checkbox"/> CW2042S2-500      |
|                            | 202PR 1PR shielded 1PR plenum wire for Airzone 100 ft reel                                               | <input type="checkbox"/> CW2042S2-100      |
| Disconnect Switch          | 30A600VUL fits 2 X 4 utility box - White                                                                 | <input type="checkbox"/> TAZ-MS303W        |
|                            | 30A600VUL fits 2 X 4 utility box - Black                                                                 | <input type="checkbox"/> TAZ-MS303         |
| Downflow Kit               | Downflow Kit                                                                                             | <input type="checkbox"/> CMA-1             |
| Electric Heat Lockout      | Electric Heat Lockout                                                                                    | <input type="checkbox"/> ETC-211020-MIT    |
| Electric Kit Heats         | 17kW Electric Heater                                                                                     | <input type="checkbox"/> EH17-MPAS-LB      |
|                            | 15kW Electric Heater                                                                                     | <input type="checkbox"/> EH15-MPAS-LB      |
|                            | 10kW Electric Heater                                                                                     | <input type="checkbox"/> EH10-MPA-LB       |
| Lineset                    | 3/8 x 5/8 Lineset Twin-Tube Insulation - 30 feet                                                         | <input type="checkbox"/> MPLS385812T-30    |
|                            | 3/8 x 5/8 Lineset Twin-Tube Insulation - 100 feet                                                        | <input type="checkbox"/> MPLS385812T-100   |
|                            | 3/8 x 5/8 Lineset Twin-Tube Insulation - 10 feet                                                         | <input type="checkbox"/> MPLS385812T-10    |
|                            | 3/8 x 5/8 Lineset Twin-Tube Insulation - 15 feet                                                         | <input type="checkbox"/> MPLS385812T-15    |
|                            | 3/8 x 5/8 Lineset Twin-Tube Insulation - 50 feet                                                         | <input type="checkbox"/> MPLS385812T-50    |
| Remote Sensor              | 3/8 x 5/8 Lineset Twin-Tube Insulation - 65 feet                                                         | <input type="checkbox"/> MPLS385812T-65    |
|                            | Wireless temperature and humidity sensor for Comfort app                                                 | <input type="checkbox"/> PAC-USWHS003-TH-1 |
|                            | Flush Mount Remote Temperature Sensor for SEZ SLZ SVZ and all P-Series models                            | <input type="checkbox"/> PAC-USSEN002-FM-1 |
| Terminal Block             | Wall Mount Remote Temperature Sensor                                                                     | <input type="checkbox"/> PAC-SE41TS-E      |
|                            | Separate Terminal Power Block                                                                            | <input type="checkbox"/> SPTB1             |
| Terminal Signal Adapter    | ERV On/Off Input Adapter for CNER on SVZ PEAD and PVA models                                             | <input type="checkbox"/> PAC-740           |
|                            | Connector and wire for On/Off and Error status using CN51 and CN52                                       | <input type="checkbox"/> PAC-725AD         |
|                            | Backup Heat Relay Kit                                                                                    | <input type="checkbox"/> CN24RELAY-KIT-CM3 |
|                            | Connector and wire for On/Off and Fan command using CN32                                                 | <input type="checkbox"/> PAC-715AD         |
| Wired Remote Controller    | Simple Direct Wired Remote Controller                                                                    | <input type="checkbox"/> PAC-SDW01RC-1     |
|                            | Deluxe Wired MA Remote Controller                                                                        | <input type="checkbox"/> PAR-42MAAUB       |
|                            | Touch MA Remote Controller                                                                               | <input type="checkbox"/> PAR-CT01MAU-SB    |
|                            | Simple MA Remote Controller                                                                              | <input type="checkbox"/> PAC-YT53CRAU-J    |
| Wireless Remote Controller | Universal Wireless Receiver for PAR-FL32MA-E                                                             | <input type="checkbox"/> PAR-FA32MA-W      |
|                            | Wireless RedLINK™ Remote Controller                                                                      | <input type="checkbox"/> MHK2              |
|                            | Wireless Remote Controller                                                                               | <input type="checkbox"/> PAR-SL101A-E      |
|                            | Wireless MA Handheld Remote Controller (requires PAR-FA32MA-E)                                           | <input type="checkbox"/> PAR-FL32MA-E      |
|                            | Lockdown Bracket for Wireless Handheld Remote Controllers                                                | <input type="checkbox"/> RCMKP1CB          |

## Notes

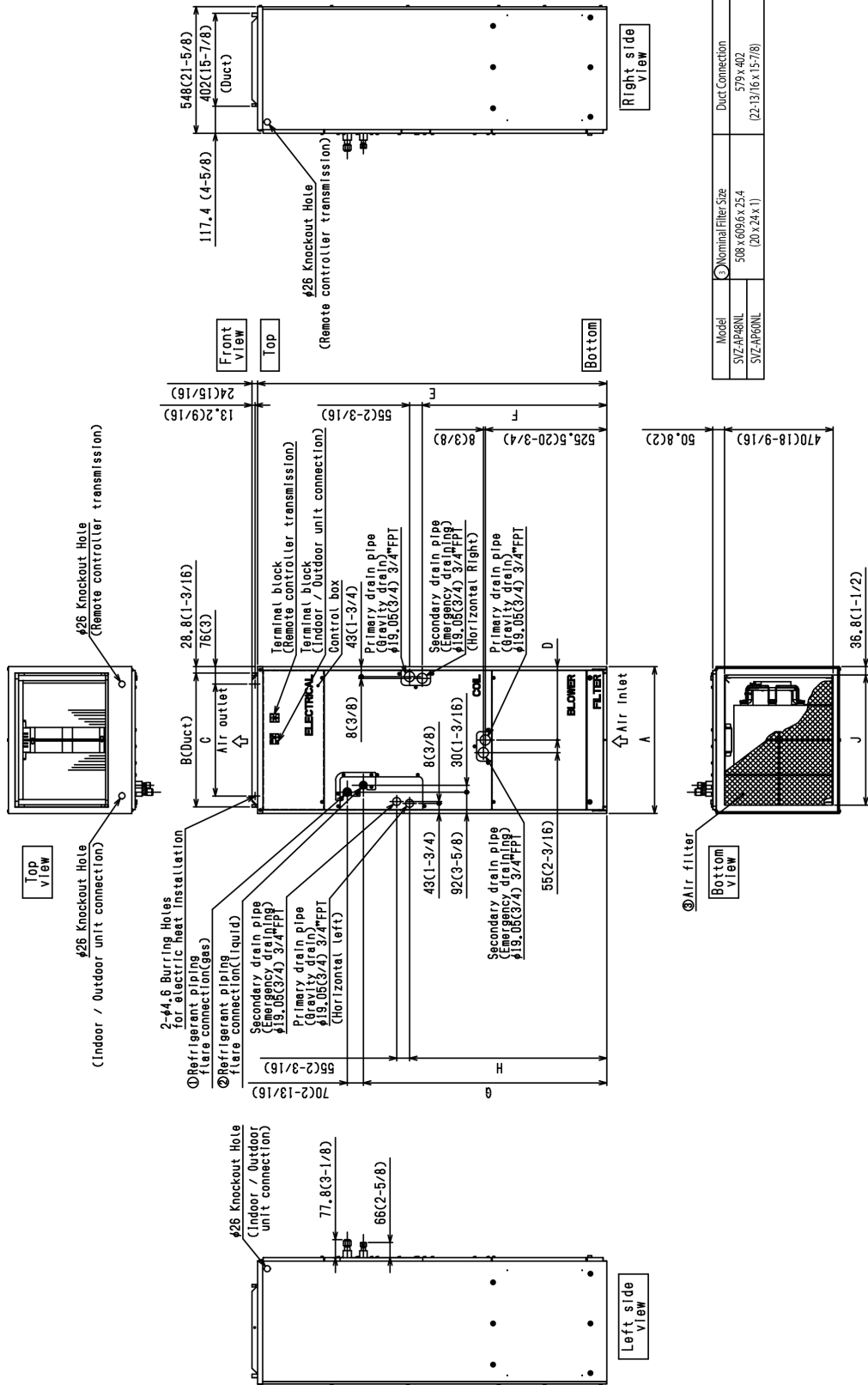
<sup>1</sup>Requires MAC-334IF-E Interface to connect MA controller

<sup>1</sup>Unable to use with Wireless Handheld Remote Controller

## OUTDOOR UNIT ACCESSORIES: SUZ-AK48NLHZ

|                         |                                                                    |                          |                                    |
|-------------------------|--------------------------------------------------------------------|--------------------------|------------------------------------|
| Air Outlet Guide        | Air Outlet Guide 1 Piece                                           | <input type="checkbox"/> | PAC-SH96SG-E (two pieces required) |
| Centralized Drain Pan   | Centralized Drain Pan                                              | <input type="checkbox"/> | PAC-SH97DP-E                       |
| Control/Service Tool    | Maintenance Tool Interface                                         | <input type="checkbox"/> | PAC-USCMS-MN-1                     |
|                         | M- & P-Series Maintenance Tool Cable Set                           | <input type="checkbox"/> | M21EC0397                          |
|                         | ControlService Tool                                                | <input type="checkbox"/> | PAC-SK52ST                         |
| Drain Socket            | Drain Socket                                                       | <input type="checkbox"/> | PAC-SG61DS-E                       |
| Hail Guards             | Hail Guard                                                         | <input type="checkbox"/> | HG-A2                              |
| M-NET Converter         | M-Net Interface for P-Series                                       | <input type="checkbox"/> | PAC-SJ95MA-E                       |
| Mini-Split Wire         | 14 Gauge 4 wire Armored MiniSplit Cable50 ft roll                  | <input type="checkbox"/> | SW144-50                           |
|                         | 14 Gauge 4 wire MiniSplit Cable50 ft roll                          | <input type="checkbox"/> | S144-50                            |
|                         | 14 Gauge 4 wire Armored MiniSplit Cable250 ft roll                 | <input type="checkbox"/> | SW144-250                          |
|                         | 14 Gauge 4 wire MiniSplit Cable250 ft roll                         | <input type="checkbox"/> | S144-250                           |
| Mounting Pad            | Condensing Unit Mounting Pad 24 x 42 x 3                           | <input type="checkbox"/> | ULTRILITE2                         |
| Snow/Rain Diverter      | SnowRain Diverter                                                  | <input type="checkbox"/> | SRD-5                              |
| Stand                   | 18 Dual Fan Stand                                                  | <input type="checkbox"/> | QSMS1802M                          |
|                         | Outdoor Unit 3-14 inch Mounting Base Pair - Plastic                | <input type="checkbox"/> | DSD-400P                           |
|                         | Outdoor Unit Stand 12 High                                         | <input type="checkbox"/> | QSMS1202M                          |
|                         | 24 Dual Fan Stand                                                  | <input type="checkbox"/> | QSMS2402M                          |
| Terminal Signal Adapter | Connector and wire for On/Off and Fan command using CN32           | <input type="checkbox"/> | PAC-715AD                          |
|                         | Connector and wire for On/Off and Error status using CN51 and CN52 | <input type="checkbox"/> | PAC-725AD                          |
| Wind Baffle             | Front Wind Baffle                                                  | <input type="checkbox"/> | WB-PA3 (two pieces required)       |
| <b>Notes</b>            |                                                                    |                          |                                    |

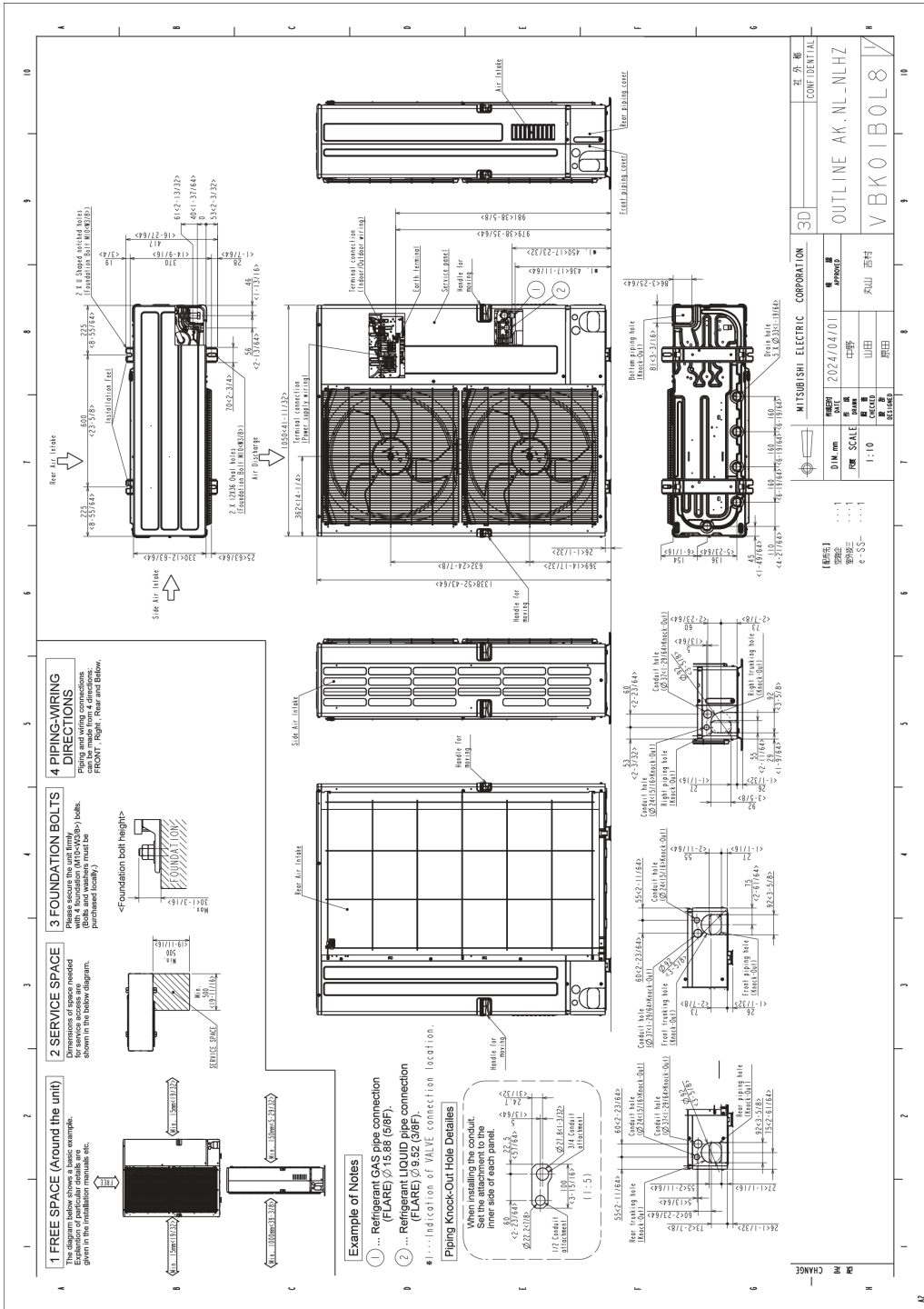
# INDOOR UNIT DIMENSIONS: SVZ-AP48NL



| Model      | Nominal Filter Size                 | Duct Connection                  |
|------------|-------------------------------------|----------------------------------|
| SVZ-AP48NL | 508 x 609.6 x 25.4<br>(20 x 24 x 1) | 579 x 402<br>(22-13/16 x 15-7/8) |

| Model      | A        | B              | C              | D              | E             | F               | G             | H              | J             | Gas Pipe    | Liquid Pipe |
|------------|----------|----------------|----------------|----------------|---------------|-----------------|---------------|----------------|---------------|-------------|-------------|
| SVZ-AP48NL | 635 (25) | 579 (22-13/16) | 484.6 (19-1/8) | 317.5 (12-1/2) | 1511 (59-1/2) | 798.5 (31-7/16) | 1033 (41-1/2) | 853.5 (33-5/8) | 563 (22-3/16) | 18 (3/8)    | 9.52 (3/8)  |
| SVZ-AP60NL |          |                |                |                |               |                 |               |                |               | 19.05 (3/4) |             |

# OUTDOOR UNIT DIMENSIONS: SUZ-AK48NLHZ



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