

SVZ-AP12NL
12,000 BTU/H DUCTED AIR HANDLER INDOOR UNIT



Job Name:

System Reference:

Date:



GENERAL FEATURES

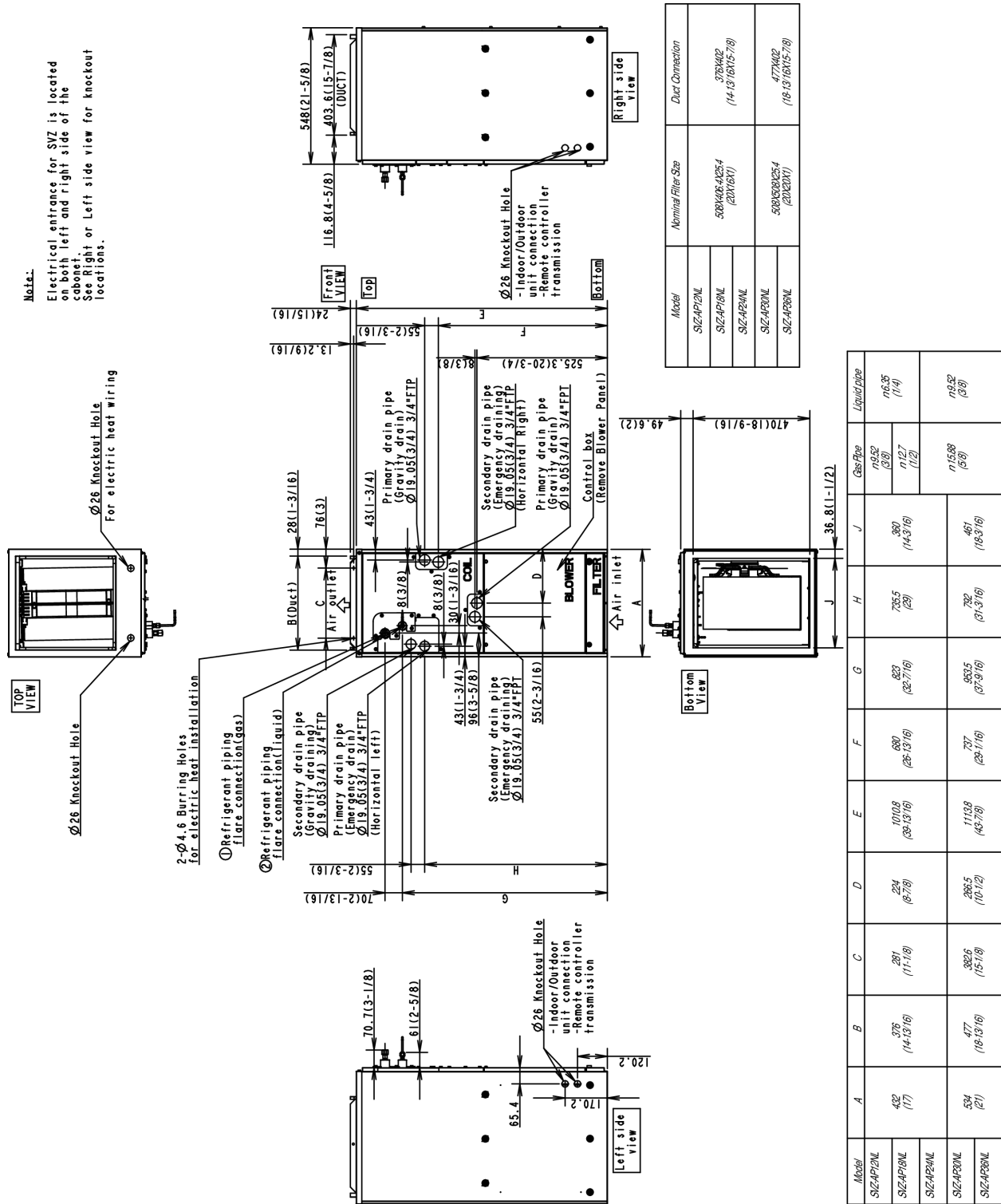
- **Three Speed Fan:** Adjust the fan between three speed settings to optimal comfort.
- **Auto Changeover:** The unit will automatically switch between heating and cooling modes to maintain your desired temperature.
- **Multi-Position Installation:** Versatile installation options, including horizontal (left or right) and vertical (up or down) orientations, with included drain pans to facilitate easy setup for any configuration.
- **Blow Through Design:** A unique blow-through design allows for easier cleaning and maintenance of the cabinet.

SPECIFICATIONS			SYSTEM
UNIT TYPE			SVZ-AP12NL
Cooling Capacity (Nominal) ^{1,3}	Cooling Capacity (Nominal)	Btu/h	12000
Heating Capacity (Nominal) ^{2,3}	Heating Capacity (Nominal)	Btu/h	15000
Electrical	Voltage, Phase, Frequency	V AC / V AC , ϕ , Hz	208 / 230 , 1 , 60
	Voltage: Indoor - Outdoor, S1-S2	V AC	208/230
Indoor Unit	MCA	A	3
	MOCP	A	15
	Fan Motor Type		Direct-driven DC Brushless Motor
	Fan Motor Output	W	121
	Airflow Rate at Cooling, Dry	CFM	278 , 381 , 448
	Airflow Rate at Heating, Dry	CFM	278 , 381 , 448
	Sound Pressure Level [Cooling]	dB (A)	36 , 41 , 45
	Sound Pressure Level [Heating]	dB (A)	36 , 41 , 45
	External Static Pressure	in.WG	0.30 , 0.50 , 0.80
	External Finish Color		Hot-dip coated steel (ZAM)
	Unit Dimensions (W x D x H)	inch x inch x inch [mm x mm x mm]	17 x 21-5/8 x 39-13/16 [432 x 548 x 1011]
	Package Dimensions (W x D x H)	inch x inch x inch [mm x mm x mm]	18-1/8 x 28-11/16 x 44 [460 x 728 x 1117]
	Unit Weight	lbs [kg]	97 [44]
	Package Weight	lbs [kg]	116 [53]
Refrigerant	Type		R-454B
Piping	Liquid Pipe Size O.D.	inch [mm]	1/4 [6.35]
	Gas Pipe Size O.D.	inch [mm]	3/8 [9.52]
Indoor Unit	Drain Pipe Size O.D.	inch [mm]	3/4 [19.05]
Notes			
¹ Cooling (Indoor // Outdoor) °F 80 DB, 67 WB // 95 DB, 75 WB - test			
² Heating at 47°F (Indoor // Outdoor) °F 70 DB, 60 WB // 47 DB, 43 WB			
³ Nominal capacity only. Actual capacity output varies based on the system specific configuration			

INDOOR UNIT ACCESSORIES: SVZ-AP12NL

Condensate	Blue Diamond MegaBlue Condensate Pump with Reservoir Sensor 115-230V up to 170k BTU/h	☐ X87-835
	Refco Condensate Pump 100-240V up to 120k BTU/h	☐ COMBI
	Blue Diamond Sensor Extension Cable 15 Ft	☐ C13-103
	Blue Diamond MaxiBlue Condensate Pump with Reservoir Sensor 115-230V up to 48k BTU/h	☐ X88-721
	Sauermann Condensate Pump 120-230V up to 60k BTU/h	☐ SI30-230
	Blue Diamond MicroBlue Condensate Pump 115-230V up to 18k BTU/h	☐ X86-003
	Blue Diamond (MaxiBlue Advanced) Mini Condensate Pump w/ Reservoir & Sensor (110V) up to 48,000 BTU/H [recommended]	☐ X87-711
Control Interface	Airzone Wired Blueface Controller White	☐ AZZBSBLUEZEROCB
	Operation and Error Status Output Adapter	☐ PAC-SF40RM-E
	kumo station® for Comfort app	☐ PAC-WHS01HC-E
	IT Extender	☐ PAC-WHS01IE-E
	Wireless Interface 2 for Comfrot app	☐ PAC-USWHS002-WF-2
	Airzone Wired Blueface Controller Black	☐ AZZBSBLUEZEROCN
	Procon BACnet® and Modbus® Interface	☐ PAC-UKPRC001-CN-1
	Thermostat Interface for 3rd Party Thermostats	☐ PAC-US445CN-1
	Airzone Wired Lite Controller White	☐ AZZBSLITECB
	Airzone Wireless Think Controller White	☐ AZZBSTHINKRB
	Airzone Wireless Lite Controller White	☐ AZZBSLITERB
	Airzone Wireless Think Controller Black	☐ AZZBSTHINKRN
Control Wire	202PR shielded 1PR plenum wire for Airzone 500 ft reel	☐ CW2042S2-500
	202PR 1PR shielded 1PR plenum wire for Airzone 100 ft reel	☐ CW2042S2-100
Disconnect Switch	30A600VUL fits 2 X 4 utility box - Black	☐ TAZ-MS303
	(30A/600V/UL) [fits 2" X 4" utility box] - White	☐ TAZ-MS303W
Downflow Kit	Downflow Kit	☐ DFK-S
Electric Heat Lockout	Electric Heat Lockout	☐ ETC-211020-MIT
Electric Kit Heats	3kW Electric Heater	☐ EH03-SVZ-S
	5kW Electric Heater	☐ EH05-SVZ-S
Lineset	30 x 1/4 x 30 3/8 Lineset Twin-Tube Insulation	☐ MLS143812T-30
	15 x 1/4 x 15 3/8 Lineset Twin-Tube Insulation	☐ MLS143812T-15
	65 x 1/4 x 65 3/8 Lineset Twin-Tube Insulation	☐ MLS143812T-65
	50 x 1/4 x 50 3/8 Lineset Twin-Tube Insulation	☐ MLS143812T-50
N/A		☐ Unknown
Power Supplies & Auxiliary Components	ERV On/Off Input Adapter for CNER on SVZ PEAD and PVA models	☐ PAC-740
Remote Sensor	Wall Mounted Remote Temperature Sensor	☐ PAC-SE41TS-E
	Flush Mount Remote Temperature Sensor for SEZ SLZ SVZ and all P-Series models	☐ PAC-USSEN002-FM-1
	Wireless temperature and humidity sensor for Comfort app	☐ PAC-USWHS003-TH-1
Terminal Block	Separate Terminal Power Block	☐ SPTB1
Terminal Signal Adapter	Backup Heat Relay Kit	☐ CN24RELAY-KIT-CM3
	3-Pin Wiring Harness	☐ PAC-715AD
	5-Pin Wiring Harness	☐ PAC-725AD
Wired Remote Controller	Deluxe MA Wired Remote Controller	☐ PAR-42MAAUB
	Simple Direct Wired Remote Controller	☐ PAC-SDW01RC-1
	Simple MA Remote Controller	☐ PAC-YT53CRAU-J
	Touch MA Remote Controller	☐ PAR-CT01MAU-SB
Wireless Remote Controller	Lockdown Bracket for Wireless Handheld Remote Controllers	☐ RCMKP1CB
	Universal Wireless Receiver for PAR-FL32MA-E	☐ PAR-FA32MA-W
	Wireless RedLINK™ Remote Controller	☐ MHK2
	Wireless Remote Controller	☐ PAR-SL101A-E
	Wireless MA Handheld Remote Controller (requires PAR-FA32MA-E)	☐ PAR-FL32MA-E
Notes		

INDOOR UNIT DIMENSIONS: SVZ-AP12NL



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