

SVZ-AP18NL

18,000 BTU/H DUCTED AIR HANDLER INDOOR UNIT



Job Name:

System Reference:

Date:



GENERAL FEATURES

- Unique blow through design: Unique blow through design allows simple coil cleaning when the blower is removed
- Selectable external static pressure: Selectable external static pressure: 0.30, 0.50 and 0.80 in.WG with 3 fan speeds at each static setting
- Positive pressure cabinet: Positive pressure cabinet with air leakage of less than 1.0% at 1.0 in.WG
- Optional humidifier control and ERV control
- Optional electric heat kit: Optional electric heat kit for additional heat capacity
- Multiple control options, including the comfort app for remote access, third-party interfaces, and both wired and wireless controllers
- Multi-zone: A multi-zone unit provides the temperature management of multiple zones within a building.
- Multi-position installation: Multi-position installation: horizontal (left or right), vertical (up or down). For downflow configurations, the CMA-1 is recommended for proper management of condensate to prevent water blow-off in certain conditions
- Fiberglass free insulation: 1 inch R4.2 fiberglass free insulation reduces condensation and boosts efficiency
- Enclosed ECM motor: Highly efficient totally enclosed ECM motor
- Ducted air handler: Ducted air handler provides a solution to cool and heat large zones

Specifications			System
Unit Type			SVZ-AP18NL
Cooling Capacity (Nominal) ^{1,3}	Cooling Capacity (Nominal)	Btu/h	18,000
Heating Capacity (Nominal) ^{2,3}	Heating Capacity (Nominal)	Btu/h	21,600
Electrical	Voltage, Phase, Frequency	V AC / V AC, ø, Hz	208 / 230, 1, 60
	Voltage: Indoor - Outdoor, S1-S2	V AC	208/230
	MCA	A	3
	MOCP	A	15
	Fan Motor Type		Direct-driven DC Brushless Motor
Indoor Unit	Fan Motor Output	W	121
	Airflow Rate at Cooling, Dry	CFM	471, 573, 675
	Airflow Rate at Heating, Dry	CFM	471, 573, 675
	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 1,011]
	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 1,117]
	Unit Weight	lbs [kg]	97 [44]
Refrigerant	Package Weight	lbs [kg]	116 [53]
	Type		R-454B
Piping	Liquid Pipe Size O.D.	inch [mm]	1/4 [6.35]
	Gas Pipe Size O.D.	inch [mm]	1/2 [12.7]
Drain Pipe	Drain Pipe Size O.D.	inch [mm]	3/4 [19.05]

NOTES

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

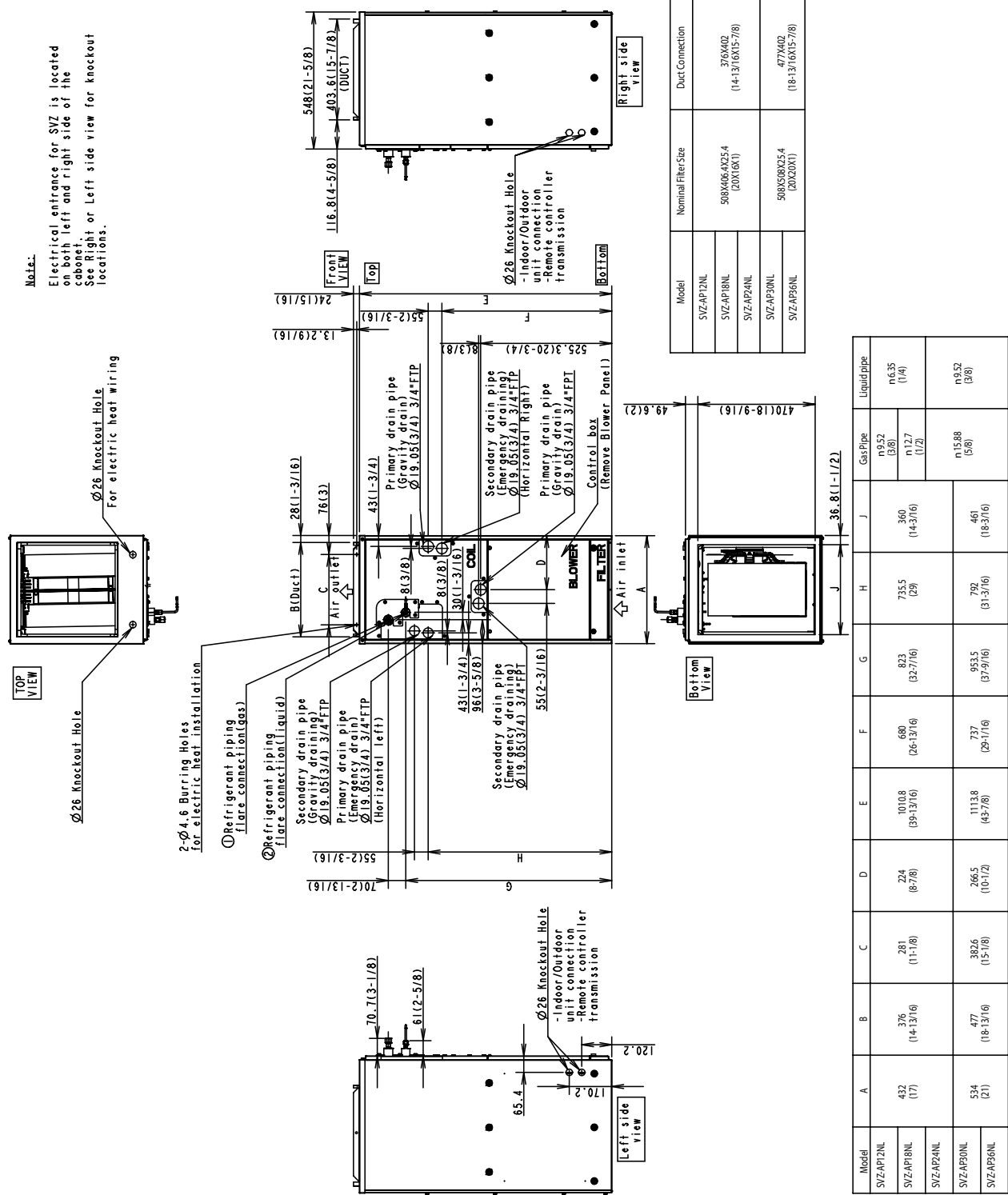
²Heating at 47°F (Indoor: 70°F DB, 60°F WB // Outdoor: 47°F DB, 43°F WB)

³Nominal capacity only. Actual capacity output varies based on the system-specific configuration.

INDOOR UNIT ACCESSORIES: SVZ-AP18NL

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 Sensor Extension Cable 15 Ft	C13-103
	Refco Condensate Pump 100-240 VAC up to 120000 BTUH	COMBI
	Sauermann Condensate Pump	SI30-230
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
Electric Kit Heats	3kW Electric Heater	EH03-SVZ-S
	5kW Electric Heater	EH05-SVZ-S
	8kW Electric Heater	EH08-SVZ-S
Downflow Kit	Downflow Kit	DFK-S
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
Lineset	100 x 1/4 x 100 1/2 Lineset Twin-Tube Insulation	MLS141212T-100
	15 x 1/4 x 15 1/2 Lineset Twin-Tube Insulation	MLS141212T-15
	30 x 1/4 x 30 1/2 Lineset Twin-Tube Insulation	MLS141212T-30
	50 x 1/4 x 50 1/2 Lineset Twin-Tube Insulation	MLS141212T-50
	65 x 1/4 x 65 1/2 Lineset Twin-Tube Insulation	MLS141212T-65
Terminal Block	Separate Terminal Power Block	SPTB1
Control Interface	Airzone Wired Blueface Controller Black	AZZBSBLUEZEROCN
	Airzone Wired Blueface Controller White	AZZBSBLUEZEROCB
	Airzone Wired Lite Controller White	AZZBSLITECB
	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 ¹	PAC-SF40RM-E
	Procon BACnet and Modbus Interface	PAC-UKPRC001-CN-1
	Thermostat Interface for 3rd Party Thermostats	PAC-US445CN-1
	Wireless Interface Adapter for the Comfort app	PAC-USWHS002-WF-2
Power Supplies & Auxiliary Components	3-Pin Wiring Harness	PAC-715AD
	5-Pin Wiring Harness	PAC-725AD
	ERV On/Off Input Adapter for CNER on SVZ PEAD and PVA models	PAC-740
Power Supplies and Auxiliary Components	Backup Heat Relay Kit Adapter for CN24 or CN152 Connector	CN24RELAY-KIT-CM3
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
Wireless Remote Controller	Lockdown Bracket for Wireless Handheld Remote Controllers	RCMKP1CB
	RedLINK Wireless Remote Controller	MHK2
	Universal Wireless MA Handheld Remote Controller	PAR-FL32MA-E
	Universal Wireless Receiver for PAR-FL32MA-E	PAR-FA32MA-W
Disconnect Switch	30A600VUL fits 2 X 4 utility box - Black	TAZ-MS303
	30A600VUL fits 2 X 4 utility box - White	TAZ-MS303W
Electric Heat Lockout	Electric Heat Lockout	ETC-211020-MIT
NOTES		

INDOOR UNIT DIMENSIONS: SVZ-AP18NL



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