

Submittal Data:
SVZ-AP36NL
SUZ-CA36NLH

Job Name:		Location:	
Purchaser:		Submitted By:	
Submitted To:		Engineer:	
Date:		Application:	

☐ Reference
 ☐ Approval
 ☐ Construction



Basic product info.

IDU Model Number	SVZ-AP36NL	
ODU Model Number	SUZ-CA36NLH	
AHRI Certificate	216800257	
IDU Model Code	32P116	

Performance: Cooling at 95F (35C)

Cooling 95F Maximum Capacity	33000	
Cooling 95F Rated Capacity	33000	
Cooling 95F Minimum Capacity	9700	
Cooling Maximum Power Input	3530	
Cooling Rated Power Input	3530	
Cooling Minimum Power Input	820	
Moisture removal at AHRI Cooling Rating Conditions	8.2	
Sensible Heat Factor at AHRI Cooling Rating Conditions	8.2	

Performance: Heating at 47F (8.3C)

Heating 47F Maximum Capacity	36200	
Heating 47F Minimum Capacity	8600	
Heating 47F Maximum Power Input	3000	
Heating 47F Rated Power Input	2810	
Heating 47F Minimum Power Input	630	
COP 47F at Maximum Capacity	3.52	
COP 47F at Rated Condition	3.56	
Heating 47F Rated Capacity	34200	

Performance: Heating at 17F (-8.3C)

Heating 17F Maximum Capacity	20900	
Heating 17F Rated Capacity	20800	
Heating 17F Minimum Capacity	5600	
Heating 17F Rated Power Input	2420	
Heating 17F Minimum Power Input	540	
COP 17F at Maximum capacity	2.34	
Heating 17F Maximum Power Input	2590	
COP 17F at Rated Condition	2.36	

Performance: Heating at 5F (-15C)

Heating 5F Maximum Capacity (H4Full)	18800	
Heating 5F Minimum Capacity (H4Full)	4460	
Heating 5F Maximum Power Input (H4Full)	2370	
Heating 5F Rated Power Input (H4Full)	2210	
Heating 5F Minimum Power Input (H4Full)	490	
COP 5F at Maximum capacity (H4Full)	2	
COP 5F at Rated capacity (H4Full)	2.45	
Heating 5F Rated Capacity (H4Full)	17760	

ODU Operating Temp. Range

Heating Thermal Re-start Temp (C)	-20	
Cooling Thermal Re-start Temp (C)	-16	
Cooling Thermal Lock-out Temp (C)	-18.5	
Heating Thermal Lock-out Temp (C)	-25	
Cooling Thermal Re-start Temp (F)	3	
Cooling Thermal Lock-out Temp (F)	-1	
Heating Thermal Re-start Temp (F)	-4	
Heating Thermal Lock-out Temp (F)	-14	

Rebates

NEEP Certification	YES	
Energy Star 6.1 Certified	NO	
Energy Star 6.1 Cold Climate Certified	NO	

Efficiency

SEER2	15.8	
EER2	9.3	
HSPF2 (IV)	8	
HSPF2(V)	6.8	

Electrical

ODU Minimum Circuit Ampacity (MCA)	25	
Rated Voltage (Min)	208	
Rated Voltage (Max)	230	
Recommended Fuse/Breaker Size	40	
ODU Maximum Over Current Protection (MOCP) = MOP = Maximum Fuse	41	

Indoor Unit

External Finish (Munsell No. in case painting)	6.2PB 9/0.9	
Drain Pipe Size (Outer size)	19.05	
IDU Airflow Rate, Cooling (Dry) CFM	767, 910, 910	
IDU Airflow Rate, Heating CFM	767, 910, 910	
IDU Airflow Rate at Cooling, Dry 1	767	
IDU Airflow Rate at Cooling, Dry 2	910	
IDU Airflow Rate at Cooling, Dry 3	910	
IDU Airflow Rate at Heating 1	767	
IDU Airflow Rate at Heating 2	910	
IDU Airflow Rate at Heating 3	910	

Outdoor Unit

Base Pan Heater installed (Built-in or Optional)	Built-in	
ODU Fan Motor Output	0.067	
ODU Unit Weight	117	

Piping

IDU Liquid Pipe Size O.D. [Flared]	08-Mar	
IDU Gas Pipe Size O.D. [Flared]	3/8	
Maximum Piping Length (m)	30	
Maximum Piping Length (ft)	100	
ODU Liquid Pipe Size O.D. [Flared]	1/4	
ODU Gas Pipe Size O.D. [Flared]	5/8	

Refrigerant

Refrigerant Type	R454B	
Pre-charged Refrigerant Amount (ODU)	3 lbs 4 oz	
Maximum Pre-charged Piping Length (ft)	25	

Accessories

Remote Controller English	PAR-FA32MA-W	
Remote Controller French	PAR-FL32MA-E	
Wall Mount controller	PAR-42MAACAB	
Simple Wall MA Controller	PAC-YT53CRAU-J	
NA T-STAT Interface	RMF-CA100	
Wi-Fi Adapter	PAC-USWHS002CN-1	
Simple CN105 Controller	PAC-SDW01RC-CA1	

AHRI Rated Conditions (Rated data is determined at a fixed compressor speed) (* Windscreens required for cooling operations below 23°F (-5°C))

¹ Cooling (Indoor // Outdoor) 80°F (26.6°C) DB, 67°F (19.4°C) WB // 95°F (35°C) DB, 75°F (23.9°C) WB

² Heating at 47°F (8.3°C) (Indoor // Outdoor) 70°F (21.1°C) DB, 60°F (15.6°C) WB // 47°F (8.3°C) DB, 43°F (6.1°C) WB

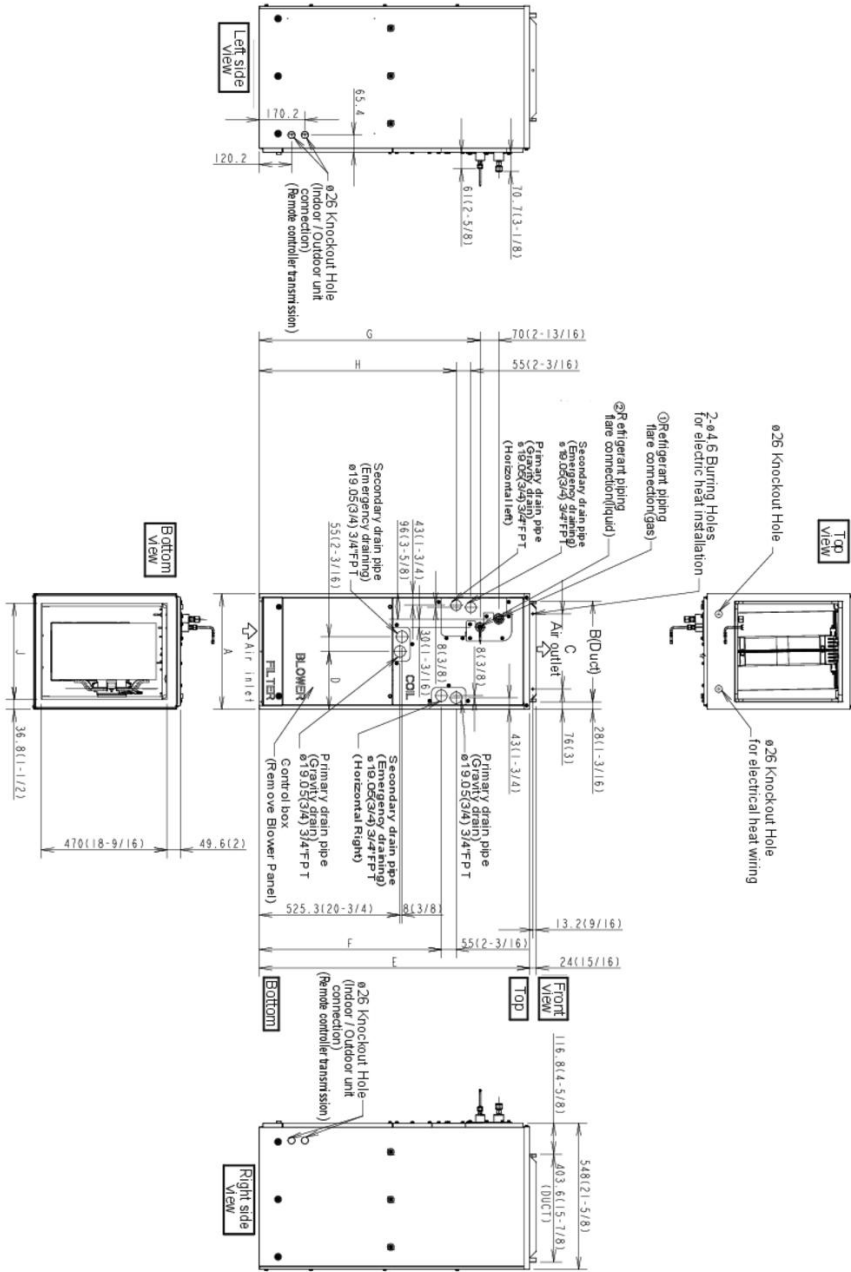
³ Heating at 17°F (-8.3°C) (Indoor // Outdoor) 70°F (21.1°C) DB, 60°F (15.6°C) WB // 17°F (-8.3°C) DB, 15°F (-9.4°C) WB

tHeating at 5°F (-15°C) (Indoor // Outdoor) 70°F (21.1°C) DB, 60°F (15.6°C) WB // 5°F (-15°C) DB, 4°F (-15.6°C) WB

uHeating at -4°F (-20°C) (Indoor // Outdoor) 70°F (21.1°C) DB, 60°F (15.6°C) WB // -4°F (-20°C) DB, -15°F (-26.1°C) WB

SVZ-AP36NL

Units: mm (in.)



Provide enough clearance in front of unit for service and maintenance. Electrical entrance for SVZ located on both left and right side of the cabinet. See the right or left side view for knockout locations.

SUZ-CA36NLH-U1

REQUIRED SPACE

Unit: inch

