

Submittal Data:
SVZ-AP24NL
SUZ-CA24NLH

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

☐ Reference
 ☐ Approval
 ☐ Construction



Basic product info.

IDU Model Number	SVZ-AP24NL	
ODU Model Number	SUZ-CA24NLH	
AHRI Certificate	216800238	
IDU Model Code	32P114	

Performance: Cooling at 95F (35C)

Cooling 95F Maximum Capacity	22800	
Cooling 95F Rated Capacity	22800	
Cooling 95F Minimum Capacity	8900	
Cooling Maximum Power Input	1930	
Cooling Rated Power Input	1930	
Cooling Minimum Power Input	660	
Moisture removal at AHRI Cooling Rating Conditions	5.6	
Sensible Heat Factor at AHRI Cooling Rating Conditions	5.6	

Performance: Heating at 47F (8.3C)

Heating 47F Maximum Capacity	28000	
Heating 47F Rated Capacity	25000	
Heating 47F Minimum Capacity	8200	
Heating 47F Maximum Power Input	2670	
Heating 47F Rated Power Input	2130	
Heating 47F Minimum Power Input	460	
COP 47F at Maximum Capacity	3.06	
COP 47F at Rated Condition	3.42	

Performance: Heating at 17F (-8.3C)

Heating 17F Maximum Power Input	2030	
Heating 17F Maximum Capacity	17100	
Heating 17F Rated Capacity	17100	
Heating 17F Minimum Capacity	5400	
Heating 17F Minimum Power Input	340	
COP 17F at Maximum capacity	2.46	
Heating 17F Rated Power Input	1610	
COP 17F at Rated Condition	2.76	

Performance: Heating at 5F (-15C)

Heating 5F Maximum Capacity (H4Full)	14000	
Heating 5F Minimum Capacity (H4Full)	4100	
Heating 5F Maximum Power Input (H4Full)	1760	
Heating 5F Minimum Power Input (H4Full)	300	
COP 5F at Maximum capacity (H4Full)	3	
COP 5F at Rated capacity (H4Full)	2.51	
Heating 5F Rated Power Input (H4Full)	1400	
Heating 5F Rated Capacity (H4Full)	12500	

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	YES	
Energy Star 6.1 Cold Climate Certified	NO	

Efficiency		
SEER2	19.5	
EER2	11.8	
HSPF2 (IV)	9.1	
HSPF2(V)	7.9	

Electrical		
ODU Minimum Circuit Ampacity (MCA)	24	
Rated Voltage (Min)	208	
Rated Voltage (Max)	230	
Recommended Fuse/Breaker Size	40	
ODU Maximum Over Current Protection (MOCP) = MOP = Maximum Fuse	40	

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	471, 573, 700	
IDU Airflow Rate, Heating CFM	471, 573, 700	
IDU Airflow Rate at Cooling, Dry 1	471	
IDU Airflow Rate at Cooling, Dry 2	573	
IDU Airflow Rate at Cooling, Dry 3	700	
IDU Airflow Rate at Heating 1	471	
IDU Airflow Rate at Heating 2	573	
IDU Airflow Rate at Heating 3	700	

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

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

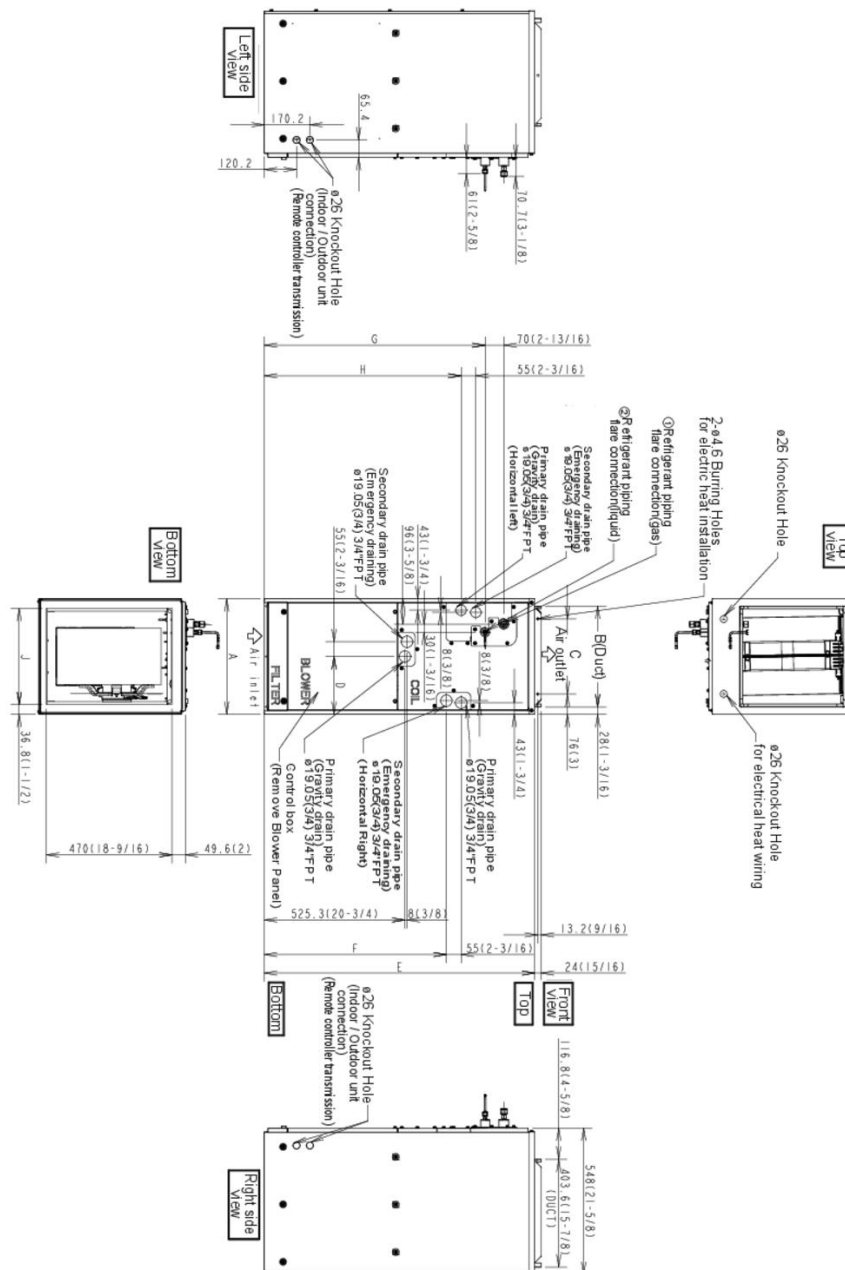
² Heating at 47°F (8.3°C) (Indoor // Outdoor) 70°F (21.1°C) DB, 60°F (15.6°C) WB // 47°F (8.3°C) DB, 43°F (6.1°C) WB

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

Units: mm (in.)



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Unit: inch

