

Submittal Data:
SVZ-AP30NL
SUZ-CA30NLH

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

☐ Reference
 ☐ Approval
 ☐ Construction



Basic product info.

IDU Model Number	SVZ-AP30NL	
ODU Model Number	SUZ-CA30NLH	
AHRI Certificate	216800255	
IDU Model Code	32P115	

Performance: Cooling at 95F (35C)

Cooling 95F Maximum Capacity	27000	
Cooling 95F Rated Capacity	27000	
Cooling 95F Minimum Capacity	9300	
Cooling Maximum Power Input	2400	
Cooling Rated Power Input	2400	
Cooling Minimum Power Input	720	
Moisture removal at AHRI Cooling Rating Conditions	5.5	
Sensible Heat Factor at AHRI Cooling Rating Conditions	5.5	

Performance: Heating at 47F (8.3C)

Heating 47F Maximum Capacity	32000	
Heating 47F Rated Capacity	30000	
Heating 47F Minimum Capacity	8500	
Heating 47F Maximum Power Input	2700	
Heating 47F Rated Power Input	2500	
Heating 47F Minimum Power Input	500	
COP 47F at Maximum Capacity	3.46	
COP 47F at Rated Condition	3.5	

Performance: Heating at 17F (-8.3C)

Heating 17F Maximum Power Input	2280	
Heating 17F Maximum Capacity	18600	
Heating 17F Rated Capacity	18600	
Heating 17F Minimum Capacity	5600	
Heating 17F Rated Power Input	2110	
Heating 17F Minimum Power Input	420	
COP 17F at Maximum capacity	2.38	
COP 17F at Rated Condition	2.42	

Performance: Heating at 5F (-15C)

Heating 5F Maximum Capacity (H4Full)	16700	
Heating 5F Minimum Capacity (H4Full)	4430	
Heating 5F Maximum Power Input (H4Full)	2080	
Heating 5F Rated Power Input (H4Full)	1920	
Heating 5F Minimum Power Input (H4Full)	380	
COP 5F at Maximum capacity (H4Full)	2.5	
COP 5F at Rated capacity (H4Full)	2.5	
Heating 5F Rated Capacity (H4Full)	15650	

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	17.8	
EER2	11.2	
HSPF2 (IV)	8.8	
HSPF2(V)	7.3	

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	613, 744, 875	
IDU Airflow Rate, Heating CFM	613, 744, 875	
IDU Airflow Rate at Cooling, Dry 1	613	
IDU Airflow Rate at Cooling, Dry 2	744	
IDU Airflow Rate at Cooling, Dry 3	875	
IDU Airflow Rate at Heating 1	613	
IDU Airflow Rate at Heating 2	744	
IDU Airflow Rate at Heating 3	875	

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	
Liquid Pipe Size O.D. [Flared]	3/8	
Gas Pipe Size O.D. [Flared]	5/8	
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	

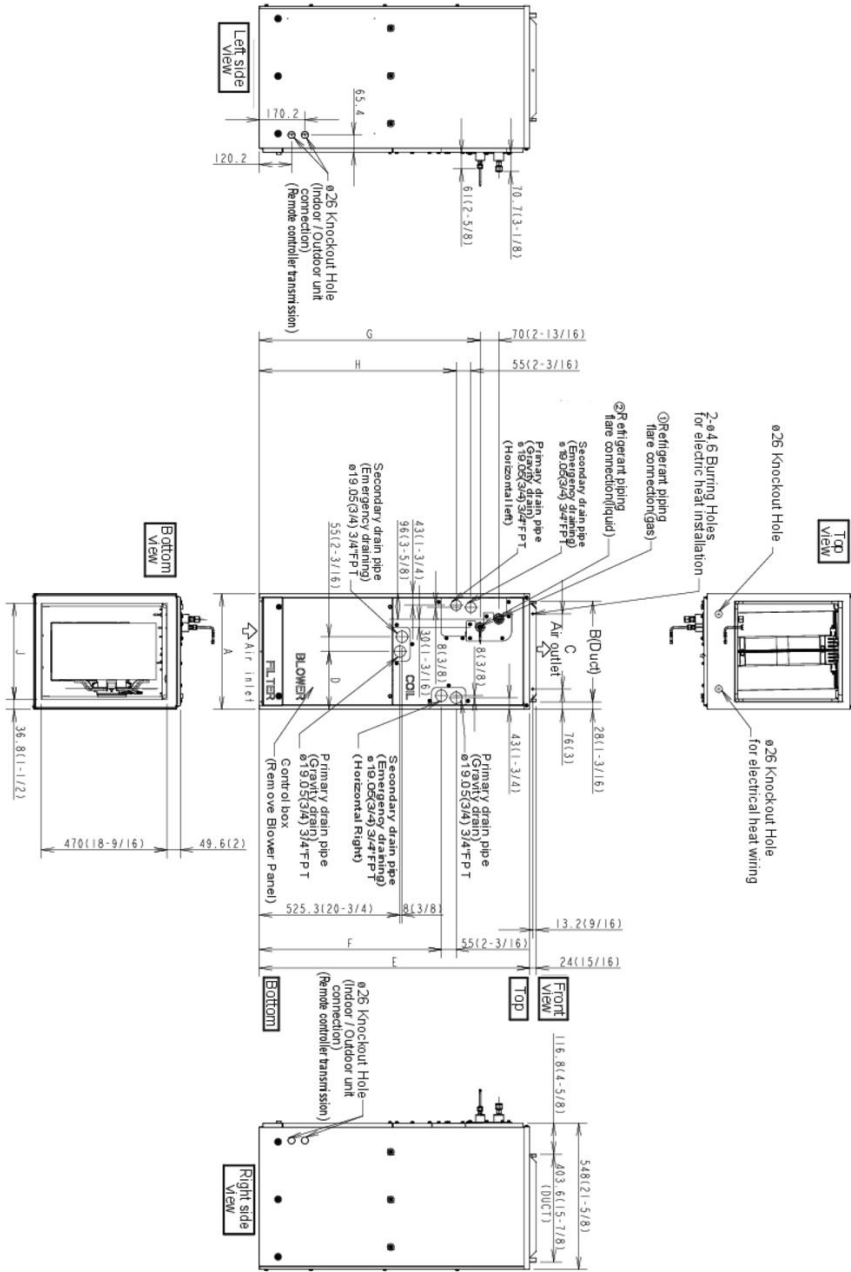
Accessories		
Remote Controller English	PAR-FA32MA-W	
Remote Controller French	PAR-FL32MA-E	
Wall Mount controller	PAR-42MAACAB	
Simple Wall MA Controller	PAC-YT53CRAU-J	
NA T-STAT Interface	RMF-CA100	
Wi-Fi Adapter	PAC-USWHS002CN-1	
Simple CN105 Controller	PAC-SDW01RC-CA1	

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-AP30NL

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-CA30NLH-U1

REQUIRED SPACE

Unit: inch

