

Submittal Data:
SVZ-AP36NL
SUZ-AK36NLHZ

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-AK36NLHZ	
AHRI Certificate	215712242	
IDU Model Code	32P116	

Performance: Cooling at 95F (35C)

Cooling 95F Maximum Capacity	37000	
Cooling 95F Rated Capacity	36000	
Cooling 95F Minimum Capacity	12700	
Cooling Maximum Power Input	3520	
Cooling Rated Power Input	3410	
Cooling Minimum Power Input	980	
Moisture removal at AHRI Cooling Rating Conditions	10.2	
Sensible Heat Factor at AHRI Cooling Rating Conditions	0.7	

Performance: Heating at 47F (8.3C)

Heating 47F Maximum Capacity	40000	
Heating 47F Maximum Power Input	3660	
Heating 47F Rated Capacity	40000	
Heating 47F Minimum Capacity	13300	
Heating 47F Minimum Power Input	840	
COP 47F at Rated Condition	3.2	
Heating 47F Rated Power Input	3660	

Performance: Heating at 17F (-8.3C)

Heating 17F Maximum Capacity	37000	
Heating 17F Rated Capacity	25800	
Heating 17F Minimum Capacity	8500	
Heating 17F Maximum Power Input	6070	
Heating 17F Rated Power Input	2990	
Heating 17F Minimum Power Input	1420	
COP 17F at Maximum capacity	1.7	
COP 17F at Rated Condition	2.5	

Performance: Heating at 5F (-15C)

Heating 5F Maximum Capacity (H4Full)	37000	
Heating 5F Minimum Capacity (H4Full)	6900	
Heating 5F Maximum Power Input (H4Full)	6020	
Heating 5F Rated Power Input (H4Full)	3000	
Heating 5F Minimum Power Input (H4Full)	1480	
COP 5F at Maximum capacity (H4Full)	1.8	
Heating 5F Rated Capacity (H4Full)	26100	

Performance: Heating at -13F (-25C)

Heating -13F Maximum Capacity	30400	
Heating -13F Minimum Capacity	4500	
Heating -13F Maximum Power Input	4870	
Heating -13F Minimum Power Input	1370	
COP -13F at Maximum Capacity	1.82	

ODU Operating Temp. Range

Heating Thermal Re-start Temp (C)	-25	
Cooling Thermal Re-start Temp (C)	-16	
Cooling Thermal Lock-out Temp (C)	-18.5	
Heating Thermal Lock-out Temp (C)	-30	
Cooling Thermal Re-start Temp (F)	3	
Cooling Thermal Lock-out Temp (F)	-1	
Heating Thermal Re-start Temp (F)	-14	
Heating Thermal Lock-out Temp (F)	-22	

Rebates

NEEP Certification	YES	
Energy Star 6.1 Certified	YES	
Energy Star 6.1 Cold Climate Certified	YES	

Efficiency

SEER2	15.2	
EER2	10.5	
HSPF2 (IV)	9.1	
HSPF2(V)	7.7	

Electrical

Rated Voltage (Min)	208	
Rated Voltage (Max)	230	
Phase	1	
Recommended Fuse/Breaker Size	30	
ODU Maximum Over Current Protection (MOCP) = MOP = Maximum Fuse	48	
Recommended Fuse/Breaker Size of System (ODU)	30	
ODU Minimum Circuit Ampacity (MCA)	29	
Short-circuit Current Rating (SCCR)	5	

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 Unit Dimension W (inch)	21	
IDU Unit Dimension D (inch)	21 5/8	
IDU Unit Dimension H (inch)	43 7/8	
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 Unit Dimension W (inch)	41 11/32	
ODU Unit Dimension D (inch)	13 + 1	
ODU Unit Dimension H (inch)	52 43/64	
ODU Fan Motor Output	0.0992 + 0.0992	
ODU Unit Weight	231.5	
ODU Unit Weight (lbs)	232	

Piping

Gas Pipe Size O.D. [Flared]	5/8	
IDU Liquid Pipe Size O.D. [Flared]	08-Mar	
IDU Gas Pipe Size O.D. [Flared]	3/8	
Maximum Piping Length (m)	75	
Maximum Piping Length (ft)	245	
ODU Liquid Pipe Size O.D. [Flared]	3/8	
ODU Gas Pipe Size O.D. [Flared]	5/8	

Refrigerant

Refrigerant Type	R454B	
Pre-charged Refrigerant Amount (ODU)	9 lbs 14 oz	
Maximum Pre-charged Piping Length (ft)	25	

Accessories

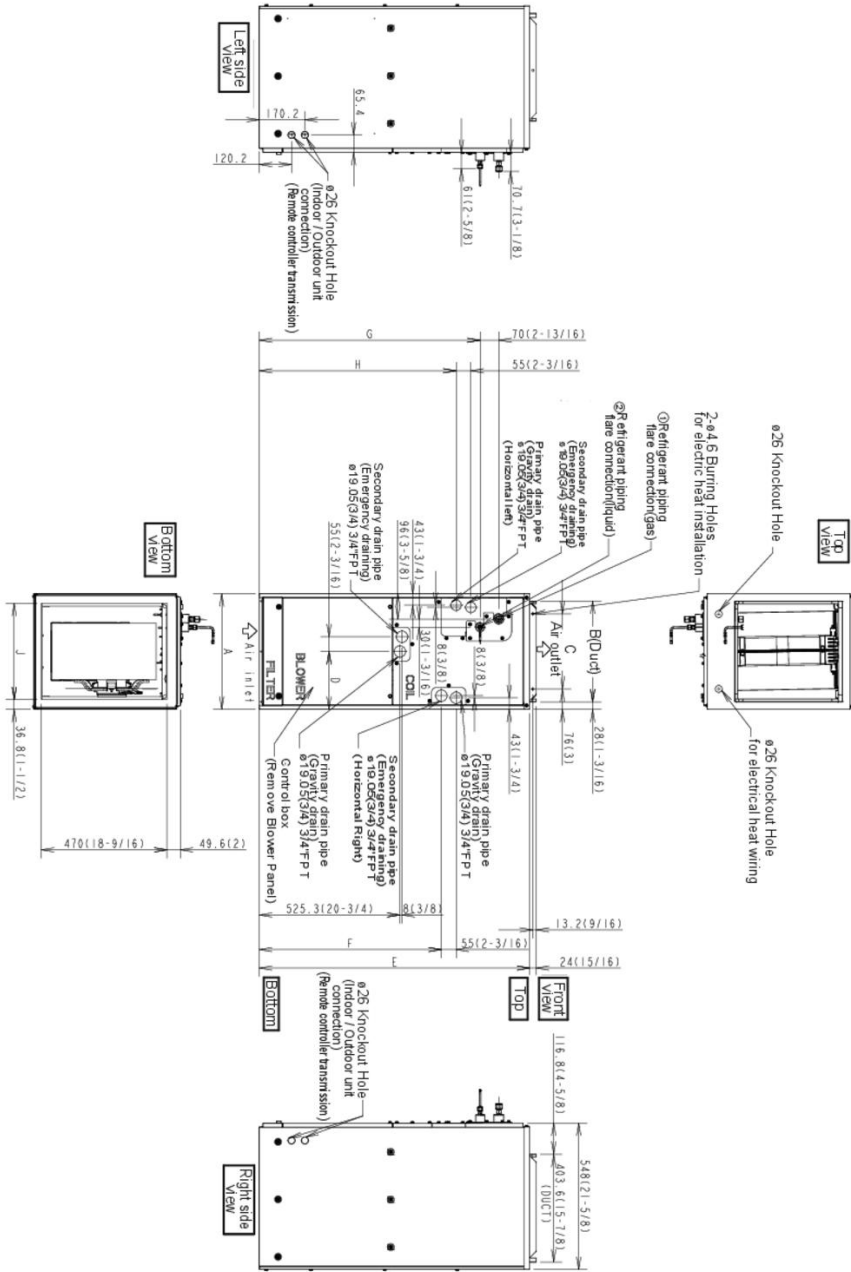
Remote Controller English	PAR-FA32MA-W	
Remote Controller French	PAR-FL32MA-E	
Wall Mount controller	PAR-42MAACAB	
Simple Wall MA Controller	PAC-YT53CRAU-J	
NA T-STAT Interface	RMF-CA100	
Wi-Fi Adapter	PAC-USWHS002CN-1	
Simple CN105 Controller	PAC-SDW01RC-CA1	

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-AK36NLHZ-U1

Unit: mm<in>

