

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-AK30NLHZ	
AHRI Certificate	215712240	
IDU Model Code	32P115	

Performance: Cooling at 95F (35C)

Cooling 95F Maximum Capacity	29000	
Cooling 95F Rated Capacity	28000	
Cooling 95F Minimum Capacity	12700	
Cooling Maximum Power Input	2250	
Cooling Rated Power Input	2150	
Cooling Minimum Power Input	980	
Moisture removal at AHRI Cooling Rating Conditions	5.4	
Sensible Heat Factor at AHRI Cooling Rating Conditions	0.79	

Performance: Heating at 47F (8.3C)

Heating 47F Rated Power Input	2590	
Heating 47F Maximum Capacity	34000	
Heating 47F Rated Capacity	32000	
Heating 47F Minimum Capacity	18300	
Heating 47F Maximum Power Input	2910	
Heating 47F Minimum Power Input	1210	
COP 47F at Rated Condition	3.62	

Performance: Heating at 17F (-8.3C)

Heating 17F Maximum Capacity	32000	
Heating 17F Rated Capacity	23600	
Heating 17F Minimum Capacity	13100	
Heating 17F Maximum Power Input	6250	
Heating 17F Rated Power Input	2710	
Heating 17F Minimum Power Input	2190	
COP 17F at Maximum capacity	1.5	
COP 17F at Rated Condition	2.54	

Performance: Heating at 5F (-15C)

Heating 5F Maximum Capacity (H4Full)	32000	
Heating 5F Minimum Capacity (H4Full)	7100	
Heating 5F Maximum Power Input (H4Full)	5210	
Heating 5F Rated Power Input (H4Full)	2890	
Heating 5F Minimum Power Input (H4Full)	1630	
COP 5F at Maximum capacity (H4Full)	1.8	
Heating 5F Rated Capacity (H4Full)	18900	

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

Heating -13F Maximum Capacity	21300	
Heating -13F Minimum Capacity	4600	
Heating -13F Maximum Power Input	4420	
Heating -13F Minimum Power Input	1370	
COP -13F at Maximum Capacity	1.4	

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	17.1	
EER2	13	
HSPF2 (IV)	9.2	
HSPF2(V)	7.4	

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	613, 744, 875	
IDU Airflow Rate, Heating CFM	613, 744, 875	
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	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 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

Maximum Piping Length (ft)	245	
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	
ODU Liquid Pipe Size O.D. [Flared]	04-Jan	
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	

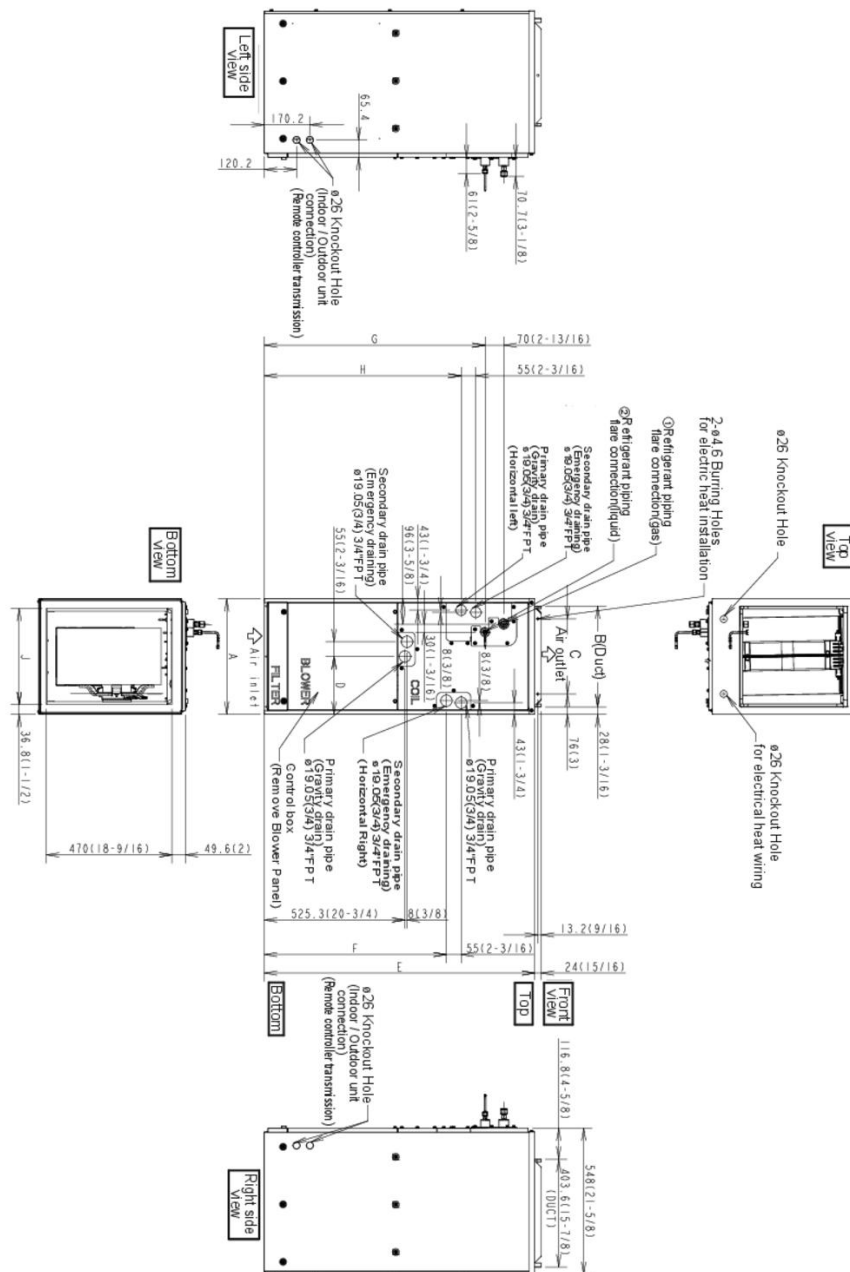
Accessories

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

Units: mm (in.)



Page 4 of 5

Unit: mm<in>



6.0	1	1	22.5	4
-----	---	---	------	---

55<2-11/64>
Bear tracking hole

Technical drawing of a mechanical part, likely a valve or pump component, showing a cross-section with various dimensions and labels. The drawing includes a central circular feature with a smaller circle inside, and a larger circular feature to the right. Dimensions are indicated by arrows and numbers: 73, 5, 1, 6, and 73. Labels include '73', '5', '1', '6', and '73'.

[illegible]

AHRI CERTIFIED®
www.ahridirectory.org
Globally Recognized. Industry Respected.