

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

☐ Reference
 ☐ Approval
 ☐ Construction



Basic product info.

IDU Model Number	SEZ-AD12NL	
ODU Model Number	SUZ-AA12NLHZ	
AHRI Certificate	217232158	

Performance: Cooling at 95F (35C)

Cooling 95F Maximum Capacity	12000	
Cooling 95F Rated Capacity	12000	
Cooling 95F Minimum Capacity	5100	
Cooling Maximum Power Input	900	
Cooling Rated Power Input	900	
Cooling Minimum Power Input	390	
Sensible Heat Factor at AHRI Cooling Rating Conditions	0.84	

Performance: Heating at 47F (8.3C)

Heating 47F Maximum Capacity	18000	
Heating 47F Rated Capacity	15000	
Heating 47F Minimum Capacity	7800	
Heating 47F Maximum Power Input	1610	
Heating 47F Rated Power Input	1240	
Heating 47F Minimum Power Input	510	
COP 47F at Rated Condition	3.5	

Performance: Heating at 17F (-8.3C)

Heating 17F Maximum Capacity	15000	
Heating 17F Rated Capacity	9500	
Heating 17F Minimum Capacity	6500	
Heating 17F Maximum Power Input	1920	
Heating 17F Rated Power Input	1110	
Heating 17F Minimum Power Input	600	
COP 17F at Maximum capacity	2.28	
COP 17F at Rated Condition	2.5	

Performance: Heating at 5F (-15C)

Heating 5F Maximum Capacity (H4Full)	15000	
Heating 5F Minimum Capacity (H4Full)	6500	
Heating 5F Maximum Power Input (H4Full)	2180	
Heating 5F Rated Power Input (H4Full)	1670	
Heating 5F Minimum Power Input (H4Full)	690	
COP 5F at Maximum capacity (H4Full)	2	
Heating 5F Rated Capacity (H4Full)	12500	

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

Heating -13F Maximum Capacity	9000	
Heating -13F Minimum Capacity	1700	
Heating -13F Maximum Power Input	1740	
Heating -13F Minimum Power Input	400	
COP -13F at Maximum Capacity	1.5	

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

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

Efficiency

SEER2	16.2	
EER2	13.3	
HSPF2 (IV)	9.4	
HSPF2(V)	8.3	

Electrical

Rated Voltage (Min)	208	
Phase	1	
Recommended Fuse/Breaker Size	30	
ODU Minimum Circuit Ampacity (MCA)	25	
ODU Maximum Over Current Protection (MOCP) = MOP = Maximum Fuse	42	

Indoor Unit

External Finish (Munsell No. in case painting)	6.2PB 9/0.9	
IDU Airflow Rate, Cooling (Dry) CFM	247, 317, 388	
IDU Airflow Rate, Heating CFM	247, 317, 388	
IDU Unit Dimension W (inch)	39 1/16	
IDU Unit Dimension D (inch)	27 9/16	
IDU Unit Dimension H (inch)	7 7/8	

Outdoor Unit

Base Pan Heater installed (Built-in or Optional)	Built-in	
ODU Unit Dimension W (inch)	41	
ODU Unit Dimension D (inch)	13 + 1	
ODU Unit Dimension H (inch)	52 43/64	
ODU Unit Weight (lbs)	115	

Piping

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

Refrigerant

Refrigerant Type	R454B	
Pre-charged Refrigerant Amount (ODU)	3 lbs	

Accessories

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

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

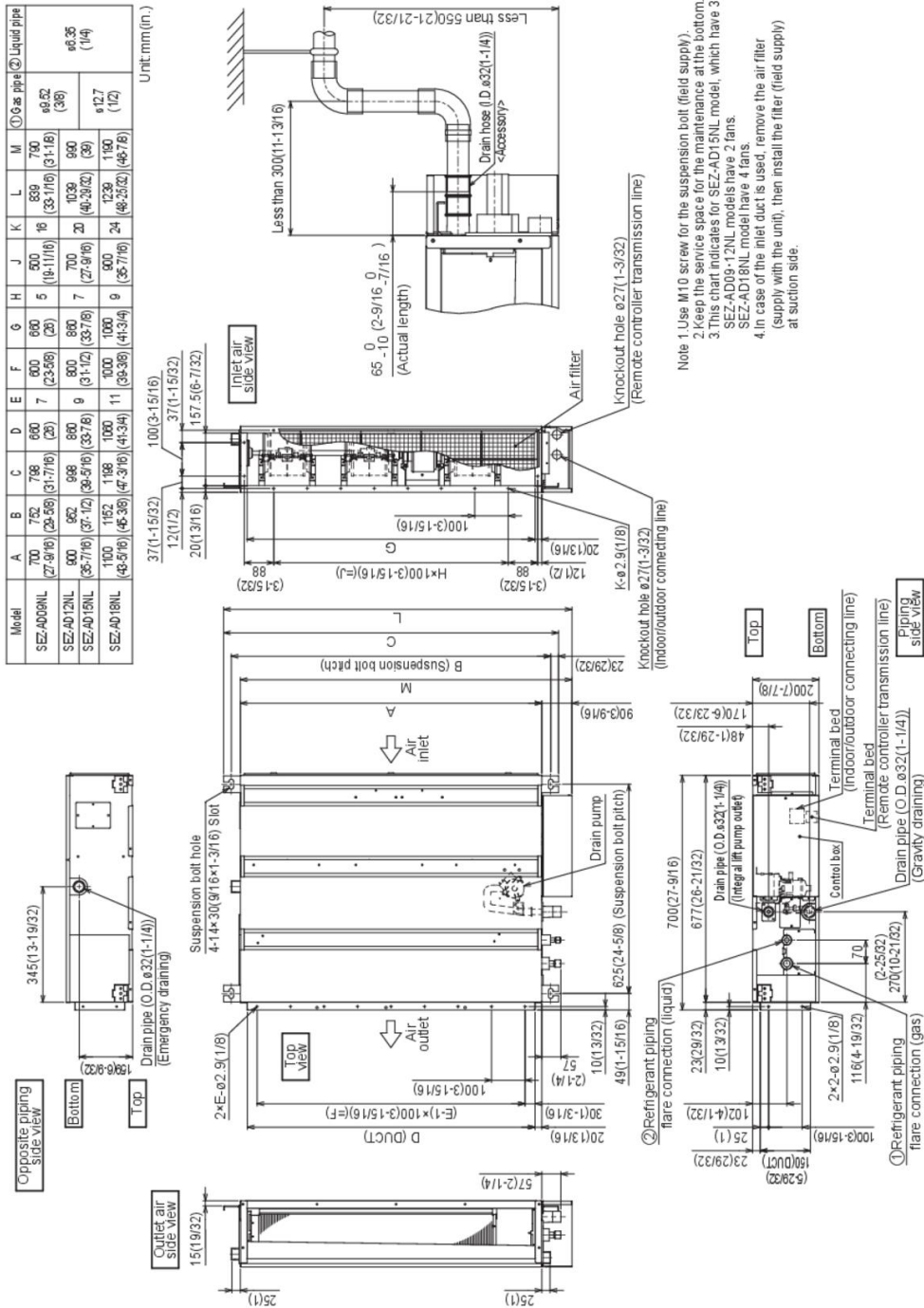
² Heating at 47°F (8.3°C) (Indoor // Outdoor) 70°F (21.1°C) DB, 60°F (15.6°C) WB // 47°F (8.3°C) DB, 43°F (6.1°C) WB

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

SEZ-AD12NL



SUZ-AA12NLHZ-U1

REQUIRED SPACE

Unit: inch

