

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

☐ Reference
 ☐ Approval
 ☐ Construction



Basic product info.

IDU Model Number	SEZ-AD09NL	
ODU Model Number	SUZ-AA09NLHZ	
AHRI Certificate	217232161	

Performance: Cooling at 95F (35C)

Cooling 95F Maximum Capacity	9000	
Cooling 95F Rated Capacity	9000	
Cooling 95F Minimum Capacity	4800	
Cooling Maximum Power Input	760	
Cooling Rated Power Input	760	
Cooling Minimum Power Input	400	
Sensible Heat Factor at AHRI Cooling Rating Conditions	0.8	

Performance: Heating at 47F (8.3C)

Heating 47F Maximum Capacity	14000	
Heating 47F Rated Capacity	12000	
Heating 47F Minimum Capacity	10500	
Heating 47F Maximum Power Input	1530	
Heating 47F Rated Power Input	1210	
Heating 47F Minimum Power Input	920	
COP 47F at Rated Condition	2.9	

Performance: Heating at 17F (-8.3C)

Heating 17F Maximum Capacity	12000	
Heating 17F Rated Capacity	7400	
Heating 17F Minimum Capacity	9000	
Heating 17F Maximum Power Input	1840	
Heating 17F Rated Power Input	1050	
Heating 17F Minimum Power Input	1100	
COP 17F at Maximum capacity	1.9	
COP 17F at Rated Condition	2	

Performance: Heating at 5F (-15C)

Heating 5F Maximum Capacity (H4Full)	12000	
Heating 5F Minimum Capacity (H4Full)	9000	
Heating 5F Maximum Power Input (H4Full)	1850	
Heating 5F Rated Power Input (H4Full)	1460	
Heating 5F Minimum Power Input (H4Full)	1110	
COP 5F at Maximum capacity (H4Full)	1.9	
Heating 5F Rated Capacity (H4Full)	10280	

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

Heating -13F Maximum Capacity	7300	
Heating -13F Minimum Capacity	2200	
Heating -13F Maximum Power Input	1410	
Heating -13F Minimum Power Input	470	
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	NO	
Energy Star 6.1 Cold Climate Certified	NO	
NEEP Certification	YES	

Efficiency		
SEER2	14.8	
EER2	11.8	
HSPF2 (IV)	8.1	
HSPF2(V)	8.3	

Electrical		
Rated Voltage (Min)	208	
Phase	1	
Recommended Fuse/Breaker Size	25	
ODU Minimum Circuit Ampacity (MCA)	24	
ODU Maximum Over Current Protection (MOCP) = MOP = Maximum Fuse	41	

Indoor Unit		
External Finish (Munsell No. in case painting)	6.2PB 9/0.9	
IDU Airflow Rate, Cooling (Dry) CFM	194, 247, 317	
IDU Airflow Rate, Heating CFM	194, 247, 317	
IDU Unit Dimension W (inch)	31 1/8	
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)	-14	
ODU Unit Dimension H (inch)	52 43/64	
ODU Unit Weight (lbs)	115	

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

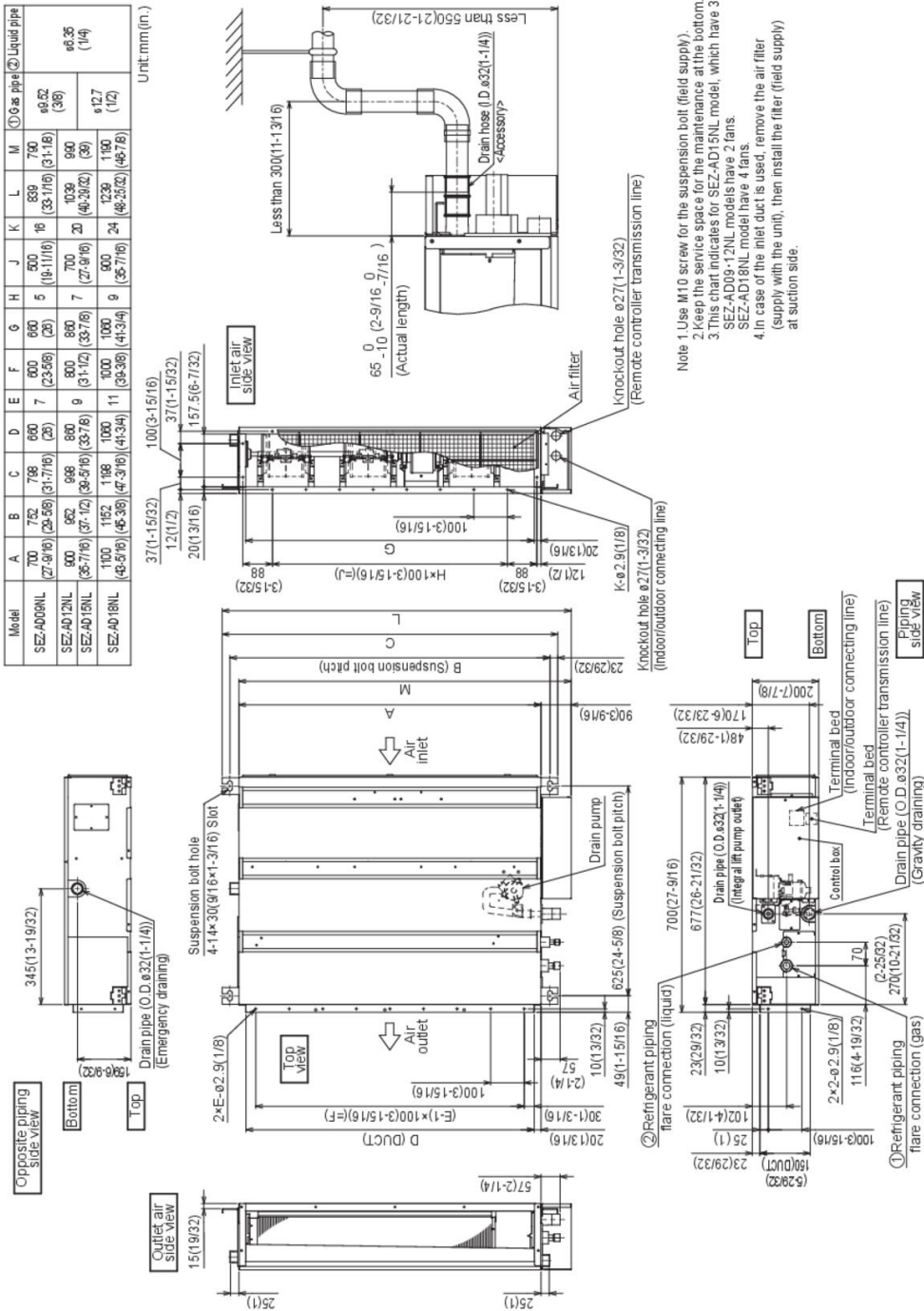
Refrigerant		
Refrigerant Type	R454B	
Pre-charged Refrigerant Amount (ODU)	3 lbs	

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	-14	

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-AD09NL



HWE24090

SUZ-AA09NLHZ-U1

Unit: inch

REQUIRED SPACE

