

Submittal Data: MFZ-KX09NL SUZ-AA09NLHZ

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

☐ Reference ☐ Approval ☐ Construction



Basic product info.

IDU Model Number	MFZ-KX09NL	
ODU Model Number	SUZ-AA09NLHZ	
AHRI Certificate	215734909	

Performance: Cooling at 95F (35C)

Cooling 95F Maximum Capacity	9000	
Cooling 95F Rated Capacity	9000	
Cooling 95F Minimum Capacity	5000	
Cooling Maximum Power Input	720	
Cooling Rated Power Input	720	
Cooling Minimum Power Input	370	
Sensible Heat Factor at AHRI Cooling Rating Conditions	0.96	

Performance: Heating at 47F (8.3C)

Heating 47F Maximum Capacity	15000	
Heating 47F Rated Capacity	12000	
Heating 47F Minimum Capacity	8200	
Heating 47F Maximum Power Input	1200	
Heating 47F Rated Power Input	910	
Heating 47F Minimum Power Input	470	
COP 47F at Rated Condition	3.8	

Performance: Heating at 17F (-8.3C)

Heating 17F Maximum Capacity	12000	
Heating 17F Rated Capacity	7300	
Heating 17F Minimum Capacity	4000	
Heating 17F Maximum Power Input	1250	
Heating 17F Rated Power Input	870	
Heating 17F Minimum Power Input	610	
COP 17F at Maximum capacity	2.8	
COP 17F at Rated Condition	2.4	

Performance: Heating at 5F (-15C)

Heating 5F Maximum Capacity (H4Full)	12000	
Heating 5F Minimum Capacity (H4Full)	3100	
Heating 5F Maximum Power Input (H4Full)	1490	
Heating 5F Rated Power Input (H4Full)	620	
Heating 5F Minimum Power Input (H4Full)	530	
COP 5F at Maximum capacity (H4Full)	2.3	
Heating 5F Rated Capacity (H4Full)	6500	

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

Heating -13F Maximum Capacity	7300	
Heating -13F Minimum Capacity	1800	
Heating -13F Maximum Power Input	1190	
Heating -13F Minimum Power Input	450	
COP -13F at Maximum Capacity	1.79	

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	
EER2	12.5	
HSPF2 (IV)	10	
HSPF2(V)	8.1	

Electrical		
Recommended Fuse/Breaker Size of System (ODU)	25	
ODU Minimum Circuit Ampacity (MCA)	24	
Rated Voltage (Min)	208	
Rated Voltage (Max)	230	
Phase	1	
Recommended Fuse/Breaker Size	25	

Indoor Unit		
External Finish (Munsell No. in case painting)	6.2PB 9/0.9	
Drain Pipe Size (Outer size)	26	
IDU Airflow Rate, Cooling (Dry) CFM	138, 198, 272, 360, 417	
IDU Airflow Rate, Heating CFM	138, 191, 254, 328, 417	
IDU Unit Dimension W (inch)	29 1/2	
IDU Unit Dimension D (inch)	8 7/16	
IDU Unit Dimension H (inch)	23 5/8	

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		
Liquid Pipe Size O.D. [Flared]	1/4	
Gas Pipe Size O.D. [Flared]	3/8	
Maximum Piping Length (ft)	100	
Maximum Piping Length (m)	30	
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		
Remote Controller English	MAC-FL116M-E	
Remote Controller French	MAC-FL216M-E	
Wall Mount controller	PAR-42MAACAB (Requires system control interface)	
Simple Wall MA Controller	PAC-YT53CRAU-J	
Deodorizing Filter	MAC-408FT-E	
Microparticle Catching Filter	MAC-EMF515FT-E	
System Interface (Full Control)	MAC-334IF-E	
System Interface (Functional Control)	MAC-497IF-E	
NA T-STAT Interface	RMF-CA200	
Simple CN105 Controller	PAC-SDW01RC-CA1	
Wi-Fi Adapter	Built-in	

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

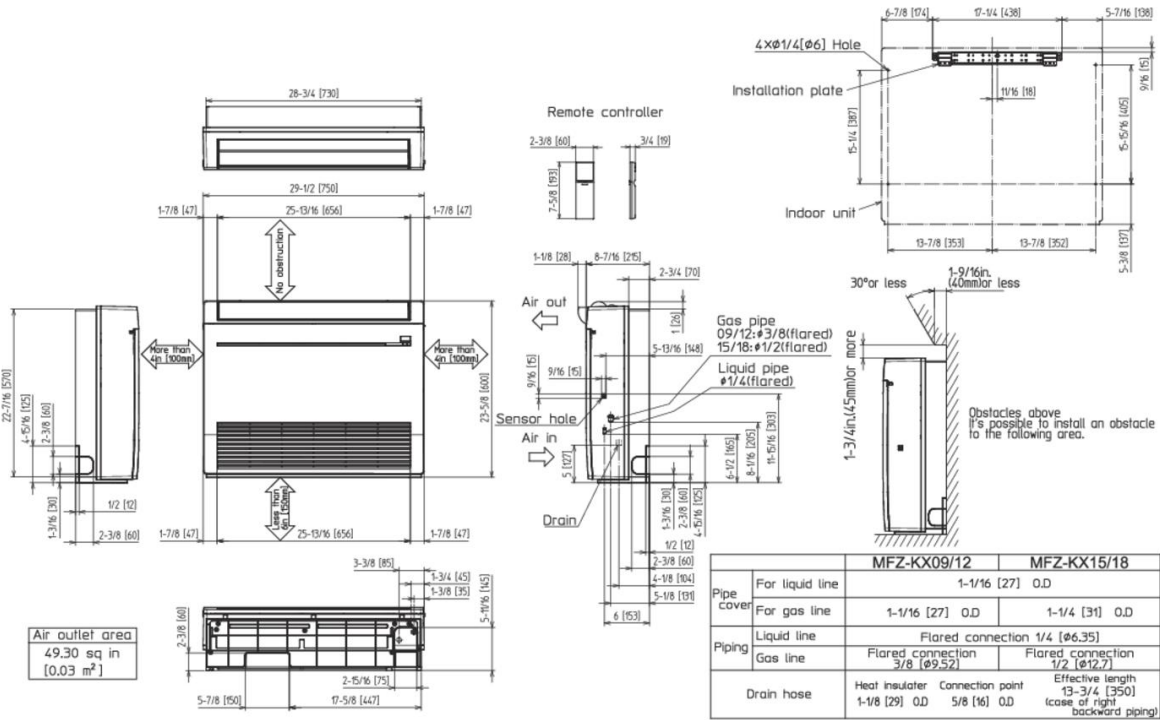
³ Heating at 17°F (-8.3°C) (Indoor // Outdoor) 70°F (21.1°C) DB, 60°F (15.6°C) WB // 17°F (-8.3°C) DB, 15°F (-9.4°C) WB

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

MFZ-KX09NL

Unit: inch (mm)



SUZ-AA09NLHZ-U1

REQUIRED SPACE

Unit: inch

