

Submittal Data: MFZ-KX18NL SUZ-CA18NLH

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

☐ Reference ☐ Approval ☐ Construction



Basic product info.

IDU Model Number	MFZ-KX18NL	
ODU Model Number	SUZ-CA18NLH	
AHRI Certificate	216800234	

Performance: Cooling at 95F (35C)

Cooling 95F Maximum Capacity	18000	
Cooling 95F Rated Capacity	18000	
Cooling 95F Minimum Capacity	5000	
Cooling Maximum Power Input	1450	
Cooling Rated Power Input	1450	
Cooling Minimum Power Input	380	
Sensible Heat Factor at AHRI Cooling Rating Conditions	0.75	

Performance: Heating at 47F (8.3C)

Heating 47F Maximum Capacity	22500	
Heating 47F Rated Capacity	20000	
Heating 47F Minimum Capacity	8400	
Heating 47F Maximum Power Input	2110	
Heating 47F Rated Power Input	1690	
Heating 47F Minimum Power Input	480	
COP 47F at Maximum Capacity	3.12	
COP 47F at Rated Condition	3.46	

Performance: Heating at 17F (-8.3C)

COP 17F at Maximum capacity	2.9	
COP 17F at Rated Condition	2.9	
Heating 17F Maximum Capacity	13400	
Heating 17F Rated Capacity	13400	
Heating 17F Minimum Capacity	4100	
Heating 17F Maximum Power Input	1350	
Heating 17F Rated Power Input	1350	
Heating 17F Minimum Power Input	480	

Performance: Heating at 5F (-15C)

Heating 5F Maximum Capacity (H4Full)	10700	
Heating 5F Minimum Capacity (H4Full)	3990	
Heating 5F Maximum Power Input (H4Full)	1260	
Heating 5F Rated Power Input (H4Full)	1000	
Heating 5F Minimum Power Input (H4Full)	280	
COP 5F at Maximum capacity (H4Full)	2.48	
COP 5F at Rated capacity (H4Full)	2.78	
Heating 5F Rated Capacity (H4Full)	9510	

ODU Operating Temp. Range

Heating Thermal Re-start Temp (C)	-20	
Cooling Thermal Lock-out Temp (C)	-18.5	
Heating Thermal Lock-out Temp (C)	-25	
Cooling Thermal Re-start Temp (C)	-16	
Cooling Thermal Re-start Temp (F)	3	
Cooling Thermal Lock-out Temp (F)	-1	
Heating Thermal Re-start Temp (F)	-4	
Heating Thermal Lock-out Temp (F)	-14	

Rebates

Energy Star 6.1 Certified	YES	
Energy Star 6.1 Cold Climate Certified	NO	
NEEP Certification	YES	

Efficiency		
SEER2	17.2	
EER2	12.4	
HSPF2 (IV)	9.9	
HSPF2(V)	8.1	

Electrical		
Recommended Fuse/Breaker Size of System (ODU)	30	
ODU Minimum Circuit Ampacity (MCA)	25	
Rated Voltage (Min)	208	
Rated Voltage (Max)	230	
Recommended Fuse/Breaker Size	30	

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	198, 254, 328, 420, 491	
IDU Airflow Rate, Heating CFM	212, 268, 328, 399, 470	

Outdoor Unit		
Base Pan Heater installed (Built-in or Optional)	Built-in	

Piping		
Liquid Pipe Size O.D. [Flared]	1/4	
Gas Pipe Size O.D. [Flared]	1/2	
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]	1/2	

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

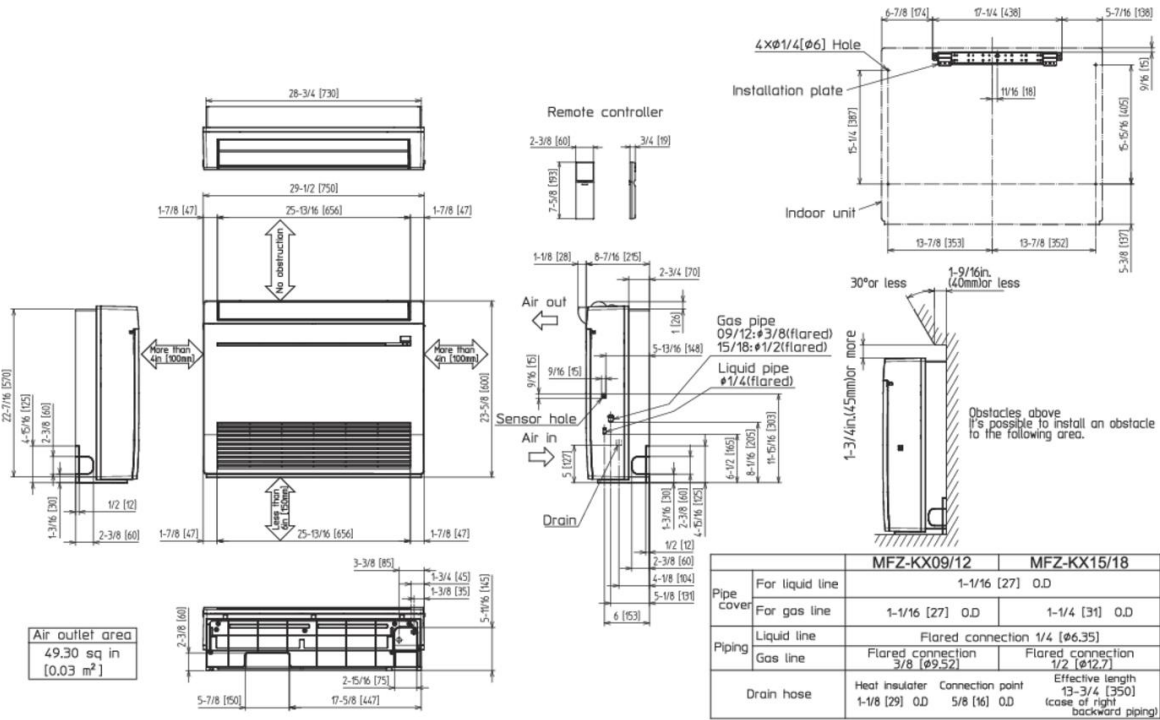
Accessories		
Remote Controller English	MAC-FL116M-E	
Remote Controller French	MAC-FL216M-E	
Wall Mount controller	PAR-42MAACAB (Requires system control interface)	
Simple Wall MA Controller	PAC-YT53CRAU-J	
Deodorizing Filter	MAC-408FT-E	
Microparticle Catching Filter	MAC-EMF515FT-E	
System Interface (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-KX18NL

Unit: inch (mm)



SUZ-CA18NLH-U1

REQUIRED SPACE

Unit: inch

