

Job Name:	
Purchaser:	
Submitted To:	
Date:	

Location:	
Submitted By:	
Engineer:	
Application:	

Reference    Approval    Construction



### Basic product info.

IDU Model Number	MSZ-FX06NL
ODU Model Number	MUZ-FX06NLHZ2
AHRI Certificate	216798014

### Performance: Cooling at 95F (35C)

Cooling 95F Rated Capacity	6000	Btu/h
Cooling 95F Minimum Capacity	1700	Btu/h
Cooling Maximum Power Input	1240	W
Cooling Rated Power Input	280	W
Cooling Minimum Power Input	120	W
Moisture removal at AHRI Cooling Rating Conditions	0	Pints/h
Sensible Heat Factor at AHRI Cooling Rating Conditions	1	-
Cooling 95F Maximum Capacity	14000	Btu/h

### Performance: Heating at 47F (8.3C)

Heating 47F Maximum Capacity	18000	Btu/h
Heating 47F Rated Capacity	9000	Btu/h
Heating 47F Minimum Capacity	1700	Btu/h
Heating 47F Maximum Power Input	1770	W
Heating 47F Rated Power Input	540	W
Heating 47F Minimum Power Input	120	W
COP 47F at Rated Condition	4.88	

### Performance: Heating at 17F (-8.3C)

Heating 17F Maximum Capacity	14400	Btu/h
Heating 17F Rated Capacity	6000	Btu/h
Heating 17F Minimum Capacity	1310	Btu/h
Heating 17F Maximum Power Input	1570	W
Heating 17F Rated Power Input	510	W
Heating 17F Minimum Power Input	140	W
COP 17F at Maximum capacity	2.68	
COP 17F at Rated Condition	3.44	

### Performance: Heating at 5F (-15C)

Heating 5F Maximum Capacity (H4Full)	12600	Btu/h
Heating 5F Rated Capacity (H4Full)	4280	Btu/h
Heating 5F Minimum Capacity (H4Full)	1140	Btu/h
Heating 5F Maximum Power Input (H4Full)	1550	W
Heating 5F Rated Power Input (H4Full)	310	W
Heating 5F Minimum Power Input (H4Full)	140	W
COP 5F at Maximum capacity (H4Full)	2.38	

### Performance: Heating at -5F (-20.6C)

Heating -5F Maximum Capacity	10500	Btu/h
Heating -5F Minimum Capacity	920	Btu/h
Heating -5F Maximum Power Input	1430	W
Heating -5F Minimum Power Input	130	W
COP -5F at Maximum Capacity	2.14	

### Performance: Heating at -10F (-23.3C)

Heating -10F Maximum Capacity	9000	Btu/h
Heating -10F Minimum Capacity	810	Btu/h
Heating -10F Maximum Power Input	1370	W
Heating -10F Minimum Power Input	120	W

**Performance: Heating at -22F (-30C)**

Heating -22F Minimum Capacity	670	Btu/h
Heating -22F Maximum Power Input	1250	W
Heating -22F Minimum Power Input	110	W
COP -22F at Maximum Capacity	1.72	
Heating -22F Maximum Capacity	7400	Btu/h

**ODU Operating Temp. Range**

Cooling Thermal Re-start Temp	0	
Cooling Thermal Lock-out Temp	-4	
Heating Thermal Re-start Temp	-23	
Heating Thermal Lock-out Temp	-34	
Cooling Thermal Re-start Temp (F)	0 / -17.8	F° / C°
Cooling Thermal Lock-out Temp (C)	-20.1	C
Cooling Thermal Lock-out Temp (F)	-4 / -20	F° / C°
Heating Thermal Re-start Temp (C)	-30.3	C
Heating Thermal Lock-out Temp (F)	-34 / -36.7	F° / C°
Cooling Thermal Re-start Temp (C)	-17.8	C
Heating Thermal Re-start Temp (F)	-23 / -30.6	F° / C°
Heating Thermal Lock-out Temp (C)	-36.7	C

**Rebates**

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

**Efficiency**

SEER2	35	
EER2	21.45	
HSPF2 (IV)	13	
HSPF2 (V)	11	

**Electrical**

Rated Voltage (Min)	208	V AC
Rated Voltage (Max)	230	V AC
Phase	1	
Short-circuit Current Rating (SCCR)	5	kA
Recommended Fuse/Breaker Size	15	
ODU Maximum Over Current Protection (MOCP) = MOP = Maximum Fuse	20	A
IDU Minimum Circuit Ampacity (MCA) if Powered Separate	1	A
ODU Minimum Circuit Ampacity (MCA)	12	A

**Indoor Unit**

IDU Airflow Rate at Cooling, Dry 1	177	CFM
IDU Airflow Rate at Cooling, Dry 2	233	CFM
IDU Airflow Rate at Cooling, Dry 3	293	CFM
IDU Airflow Rate at Cooling, Dry 4	371	CFM
IDU Airflow Rate at Cooling, Dry 5	420	CFM
IDU Airflow Rate at Cooling, Wet 1	150	CFM
IDU Airflow Rate at Cooling, Wet 2	198	CFM
IDU Airflow Rate at Cooling, Wet 3	249	CFM
IDU Airflow Rate at Cooling, Wet 4	315	CFM
IDU Airflow Rate at Cooling, Wet 5	357	CFM
IDU Airflow Rate at Heating 1	177	CFM
IDU Airflow Rate at Heating 2	247	CFM
IDU Airflow Rate at Heating 3	311	CFM
IDU Airflow Rate at Heating 4	406	CFM
IDU Airflow Rate at Heating 5	477	CFM
IDU SPL at Cooling 4	36	dB (A)
IDU SPL at Heating 5	42	dB (A)
External Finish (Munsell No. in case painting)	Munsell 1.0Y 9.2/0.2	
IDU Unit Dimension D	9 3/4	inch
IDU Unit Dimension H	12	inch
IDU Unit Weight	31.4	lbs
Drain Pipe Size (Outer size)	10/16	inch
IDU Unit Dimension W	39 5/16	inch

**Outdoor Unit**

ODU Fan Motor Full Load Amperage (FLA) (if data available)	0.76	A
ODU Fan Motor Output	0.1	HP
Base Pan Heater installed (Built-in or Optional)	Built-in	
ODU Unit Dimension D	11 4/16	inch
ODU Unit Dimension H	28 2/16	inch
ODU Unit Weight	85.4	lbs
ODU Unit Dimension W	31 8/16	inch

**Piping**

Gas Pipe Size O.D. [Flared]	3/8	inch
Liquid Pipe Size O.D. [Flared]	1/4	inch
Maximum Piping Length	65	ft
Maximum Height Difference	40	ft

**Refrigerant**

Refrigerant Type	R454B	
Pre-charged Refrigerant Amount	10	oz
Maximum Pre-charged Piping Length	25	ft
Pre-charged Refrigerant Amount (kg)	1.2	
Pre-charged Refrigerant Amount (lbs)	2	
Pre-charged Refrigerant Amount (oz)	10	

**Accessories**

Handheld Remote Controller English	MAC-FL110M-E	
Handheld Remote Controller French	MAC-FL210M-E	
Simple Wall MA Controller	PAC-YT53CRAU-J	
Simple CN105 Controller	PAC-SDW01	
Deodorizing Filter	MAC-3010FT-E	
Microparticle Catching Filter	MAC-EMF515T-E	
Electrostatic Anti-allergy Enzyme Filter	MAC-2310FT-E	
System Interface (Full Control)	MAC-334IF-E	
System Interface (Functional Control)	MAC-497IF-E	
NA T-STAT interface	RMF-CA200	
Wall Mount controller	PAR-42MAACAB (REQUIRES SYSTEM INTERFACE)	
NA T-STAT Interface	RMF-CA200	

AHRI Rated Conditions (Rated data is determined at a fixed compressor speed) (\* Windscreens required for cooling operations below 23°F (-5°C))

<sup>1</sup> 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

<sup>2</sup> 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

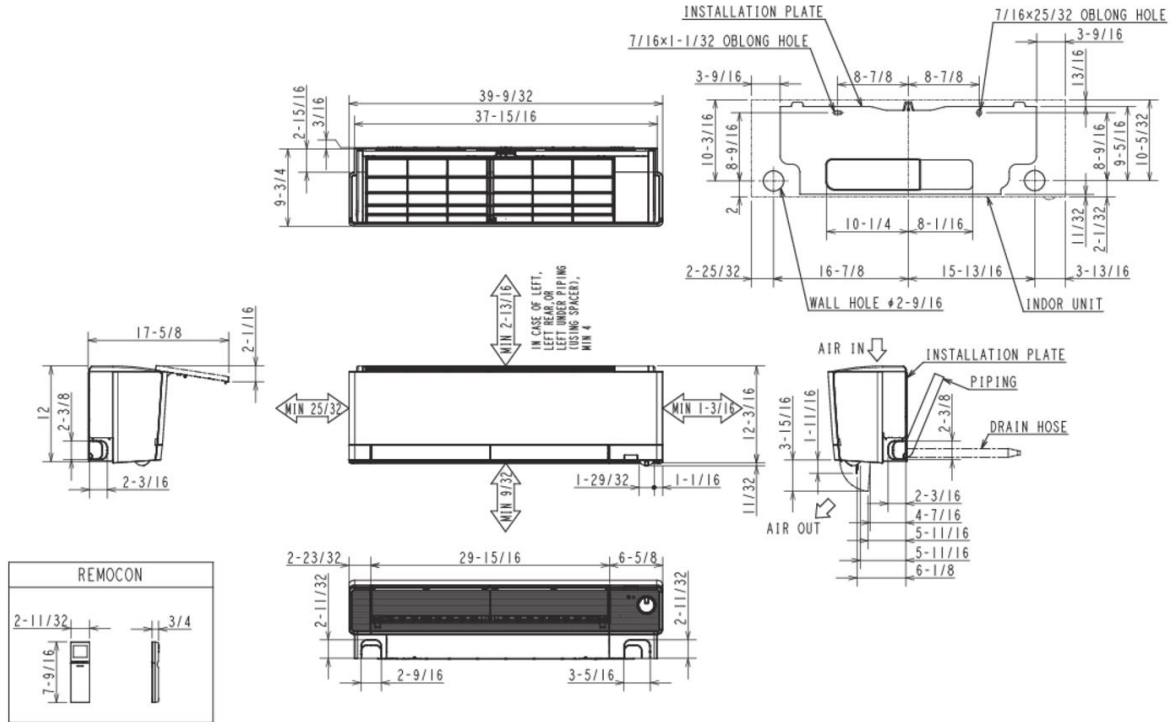
<sup>3</sup> Heating at 17°F (-8.3°C) (Indoor // Outdoor) 70°F (21.1°C) DB, 60°F (15.6°C) WB // 17°F (-8.3°C) DB, 15°F (-9.4°C) WB

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

**MSZ-FX06NL**

Unit: inch



**MSZ-FX06/09/12NL**

PIPING	INSULATION	ø 1-9/16 O.D
	LIQUID LINE	ø 1/4 - 19-11/16 (FLARED CONNECTION ø 1/4)
	GAS LINE	ø 3/8 - 17-3/4 (FLARED CONNECTION ø 3/8)
DRAIN HOSE		INSULATION ø 1-5/32 CONNECTED PART ø 5/8 O.D

**MSZ-FX24NL**

PIPING	INSULATION	ø 1-9/16 O.D
	LIQUID LINE	ø 1/4 - 19-11/16 (FLARED CONNECTION ø 1/4)
	GAS LINE	ø 15/32 - 17-3/4* (FLARED CONNECTION ø 5/8)
DRAIN HOSE		INSULATION ø 1-5/32 CONNECTED PART ø 5/8 O.D

**MSZ-FX15/18NL**

PIPING	INSULATION	ø 1-9/16 O.D
	LIQUID LINE	ø 1/4 - 19-11/16 (FLARED CONNECTION ø 1/4)
	GAS LINE	ø 3/8 - 17-3/4 (FLARED CONNECTION ø 1/2)
DRAIN HOSE		INSULATION ø 1-5/32 CONNECTED PART ø 5/8 O.D

\*The diameter of the gas line piping is ø 3/8 in one spot.

MUZ-FX06NLHZ2

Unit: inch

