

Submittal Data: MSZ-GX15NL MUZ-GX15NLHZ2



Heating and Cooling

Job Name:	
Purchaser:	
Submitted To:	
Date:	

Location:	
Submitted By:	
Engineer:	
Application:	

Reference Approval Construction



Basic product info.

IDU Model Number	MSZ-GX15NL
ODU Model Number	MUZ-GX15NLHZ2
AHRI Certificate	216801490

Performance: Cooling at 95F (35C)

Cooling 95F Maximum Capacity	18200	Btu/h
Cooling 95F Rated Capacity	14000	Btu/h
Cooling 95F Minimum Capacity	2800	Btu/h
Cooling Maximum Power Input	2200	W
Cooling Rated Power Input	1075	W
Cooling Minimum Power Input	190	W
Moisture removal at AHRI Cooling Rating Conditions	2.3	Pints/h
Sensible Heat Factor at AHRI Cooling Rating Conditions	0.82	-

Performance: Heating at 47F (8.3C)

Heating 47F Maximum Capacity	20000	Btu/h
Heating 47F Rated Capacity	14000	Btu/h
Heating 47F Minimum Capacity	4300	Btu/h
Heating 47F Maximum Power Input	2510	W
Heating 47F Rated Power Input	1100	W
Heating 47F Minimum Power Input	230	W
COP 47F at Rated Condition	3.72	

Performance: Heating at 17F (-8.3C)

Heating 17F Maximum Capacity	16800	Btu/h
Heating 17F Rated Capacity	8700	Btu/h
Heating 17F Minimum Capacity	2320	Btu/h
Heating 17F Maximum Power Input	2500	W
Heating 17F Rated Power Input	950	W
Heating 17F Minimum Power Input	340	W
COP 17F at Maximum capacity	1.96	
COP 17F at Rated Condition	2.68	

Performance: Heating at 5F (-15C)

Heating 5F Maximum Capacity (H4Full)	14000	Btu/h
Heating 5F Rated Capacity (H4Full)	6650	Btu/h
Heating 5F Minimum Capacity (H4Full)	1930	Btu/h
Heating 5F Maximum Power Input (H4Full)	2270	W
Heating 5F Rated Power Input (H4Full)	620	W
Heating 5F Minimum Power Input (H4Full)	340	W
COP 5F at Maximum capacity (H4Full)	1.8	

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

Heating -5F Maximum Capacity	11910	Btu/h
Heating -5F Minimum Capacity	1640	Btu/h
Heating -5F Maximum Power Input	2490	W
Heating -5F Minimum Power Input	340	W
COP -5F at Maximum Capacity	1.4	

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

Heating -10F Maximum Capacity	10870	Btu/h
Heating -10F Minimum Capacity	1500	Btu/h
Heating -10F Maximum Power Input	2490	W
Heating -10F Minimum Power Input	340	W

ODU Operating Temp. Range

Heating Thermal Re-start Temp	-23	
Heating Thermal Lock-out Temp	-34	
Cooling Thermal Re-start Temp	3	
Cooling Thermal Lock-out Temp	-1	
Cooling Thermal Re-start Temp (C)	-16.3	C
Cooling Thermal Re-start Temp (F)	3 / -16.1	F° / C°
Cooling Thermal Lock-out Temp (C)	-18.5	C
Cooling Thermal Lock-out Temp (F)	-1 / -18.3	F° / C°
Heating Thermal Re-start Temp (C)	-30.3	C
Heating Thermal Re-start Temp (F)	-23 / -30.6	F° / C°
Heating Thermal Lock-out Temp (F)	-34 / -36.7	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	22.2	
EER2	13	
HSPF2 (IV)	10	
HSPF2 (V)	9.8	

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	20	
ODU Minimum Circuit Ampacity (MCA)	16	A
ODU Maximum Over Current Protection (MOCP) = MOP = Maximum Fuse	28	A
IDU Minimum Circuit Ampacity (MCA) if Powered Separate	1	A

Indoor Unit

IDU Airflow Rate at Cooling, Dry 1	219	CFM
IDU Airflow Rate at Cooling, Dry 2	293	CFM
IDU Airflow Rate at Cooling, Dry 3	369	CFM
IDU Airflow Rate at Cooling, Dry 4	465	CFM
IDU Airflow Rate at Cooling, Dry 5	586	CFM
IDU Airflow Rate at Cooling, Wet 1	197	CFM
IDU Airflow Rate at Cooling, Wet 2	264	CFM
IDU Airflow Rate at Cooling, Wet 4	418	CFM
IDU Airflow Rate at Cooling, Wet 5	528	CFM
IDU Airflow Rate at Heating 1	219	CFM
IDU Airflow Rate at Heating 2	266	CFM
IDU Airflow Rate at Heating 3	331	CFM
IDU Airflow Rate at Heating 4	408	CFM
IDU Airflow Rate at Heating 5	516	CFM
IDU SPL at Cooling 4	44	dB (A)
IDU SPL at Heating 5	46	dB (A)
External Finish (Munsell No. in case painting)	Munsell 0.7PB 9.2/0.4	
IDU Unit Dimension H	11 13/16	inch
IDU Unit Weight	23	lbs
IDU Unit Dimension W	31 7/16	inch
IDU Unit Dimension D	9 11/16	inch
IDU Airflow Rate at Cooling, Wet 3	333	CFM
Drain Pipe Size (Outer size)	11/16	inch

Outdoor Unit

ODU Fan Motor Full Load Amperage (FLA) (if data available)	0.71	A
ODU Fan Motor Output	0.1	HP
Base Pan Heater installed (Built-in or Optional)	Built-in	
ODU Unit Dimension W	31 8/16	inch
ODU Unit Dimension D	11 4/16	inch
ODU Unit Dimension H	21 5/8	inch
ODU Unit Weight	82	lbs

Piping

Gas Pipe Size O.D. [Flared]	1/2	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	36	oz
Maximum Pre-charged Piping Length	25	ft
Pre-charged Refrigerant Amount (lbs)	2	
Pre-charged Refrigerant Amount (oz)	4	

Accessories

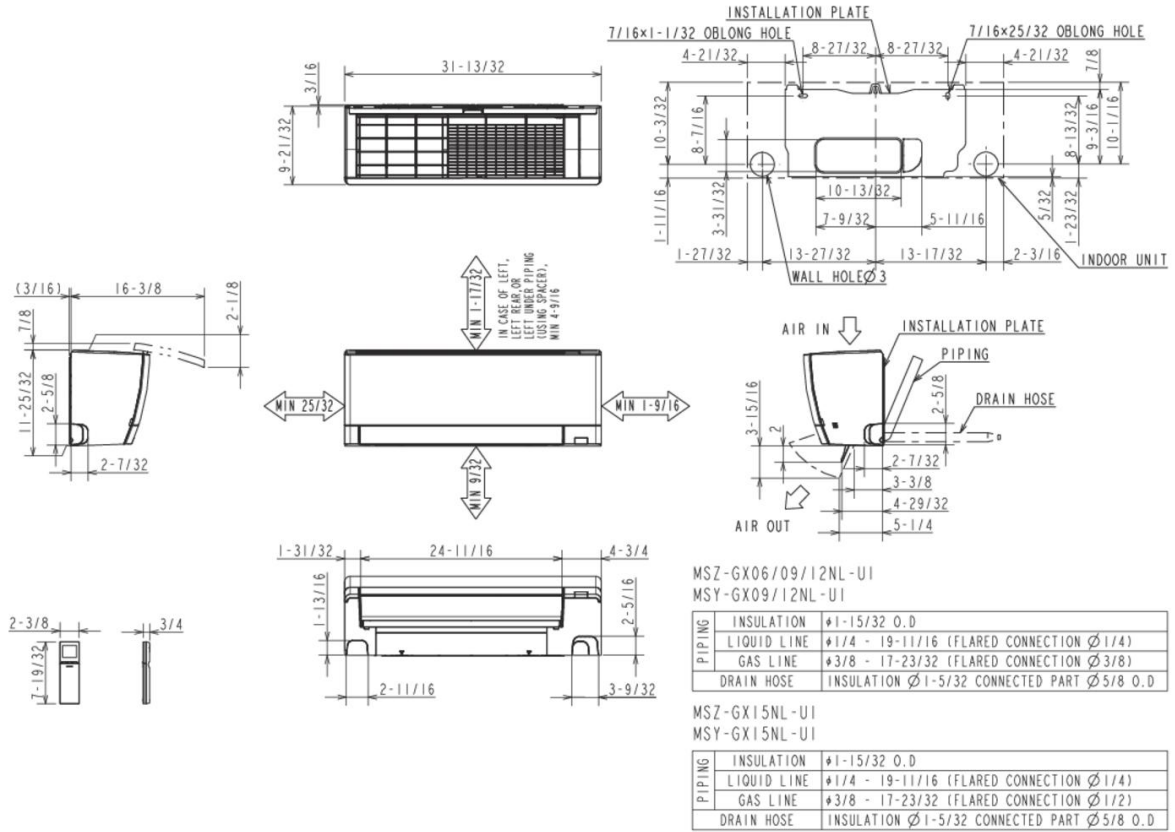
Handheld Remote Controller English	MAC-FL111M-E	
Handheld Remote Controller French	MAC-FL211M-E	
Wall Mount controller	PAR-42MAACAB (REQUIRES SYSTEM INTERFACE)	
Simple Wall MA Controller	PAC-YT53CRAU-J	
Simple CN105 Controller	PAC-SDW01	
Microparticle Catching Filter	MAC-EMF515T-E	
Electrostatic Anti-allergy Enzyme Filter	MAC-2320FT	
System Interface (Full Control)	MAC-334IF-E	
System Interface (Functional Control)	MAC-497IF-E	
NA T-STAT interface	RMF-CA200	
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))

- 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

MSZ-GX15NL

Unit: inch

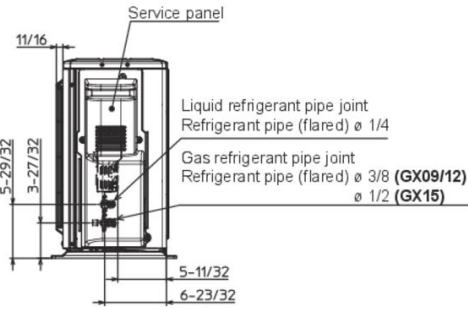
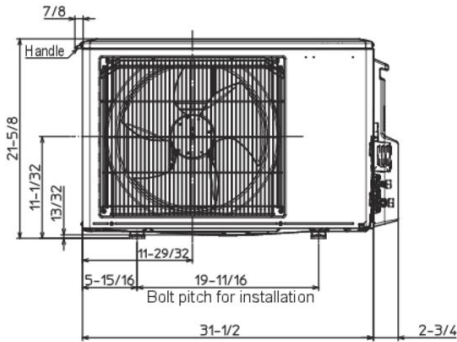
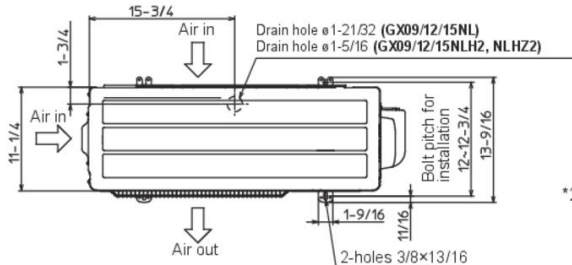
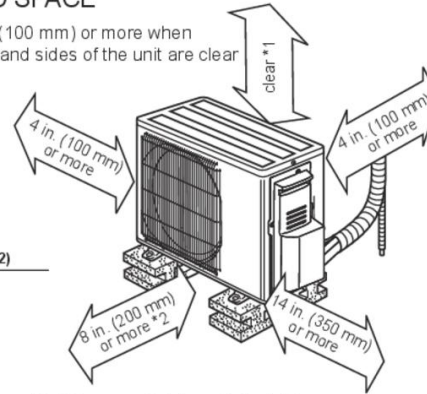


MUZ-GX15NLHZ2

Unit: inch

REQUIRED SPACE

*1 4 in. (100 mm) or more when front and sides of the unit are clear



MUZ-GX09/12NLH2 MUZ-GX09/12NLHZ2
MUY-GX09/12NL

REFRIGERANT PIPE JOINT	LIQUID REFRIGERANT PIPE	FLARED 1/4"
	GAS REFRIGERANT PIPE	FLARED 3/8"

MUZ-GX15NLH2 MUZ-GX15NLHZ2
MUY-GX15NL

REFRIGERANT PIPE JOINT	LIQUID REFRIGERANT PIPE	FLARED 1/4"
	GAS REFRIGERANT PIPE	FLARED 1/2"