

MSZ-GX15NL & MUZ-GX15NL
14,000 BTU/H WALL-MOUNTED INDOOR UNIT
14,000 BTU/H INVERTER HEAT PUMP OUTDOOR UNIT



Job Name:

System Reference:

Date:



INDOOR Unit ... MSZ-GX15NL

OUTDOOR Unit ... MUZ-GX15NL

INDOOR UNIT FEATURES

- Dual Barrier Coating: Dual Barrier Coating reduces the collection of contaminants like dust, fibers, smoke, and oil on the inner surface of the indoor unit.
- Swing Mode: An indoor unit with this capability can move air throughout the room like an oscillating fan.
- Econo Cool: Econo Cool is feature that temporarily adjusts the airflow to maintain comfort while using less energy.
- Quiet: Our indoor units offer whisper-quiet operation as low as 19 dB(A). Our outdoor units are design for ultra quiet operation.
- Horizontal Vane Control: Horizontal Vane Control allows the indoor unit vanes to be moved left right to provide even temperatures throughout a space.
- Wi-Fi Enabled: Wi-Fi enabled units pair with the Comfort app for complete control over temperature, fan speeds, modes, schedules, and more.

OUTDOOR UNIT FEATURES

- Inverter Driven Compressor: Inverter technology uses only the precise amount of energy needed to keep a space comfortable.
- Blue Fin Coating: Anti-corrosion coating that protects the outdoor heat exchanger against salt, sulfur, and other airborne contaminants that impact the efficiency and performance of the outdoor units.
- Seacoast Protection: Designed to protect against the corrosive effects of environments that are in close proximity to the sea.

SPECIFICATIONS: MSZ-GX15NL & MUZ-GX15NL

Cooling at 95F ¹	Maximum Capacity	Btu/h	18200
	Rated Capacity	Btu/h	14000
	Minimum Capacity	Btu/h	2800
	Maximum Power Input	W	2200
	Rated Power Input	W	1075
	Moisture Removal	Pints/h	2.30
	Sensible Heat Factor		0.82
Heating at 47F ²	Power Factor [208V / 230V]	%	97 / 97
	Maximum Capacity	Btu/h	21000
	Rated Capacity	Btu/h	18000
	Minimum Capacity	Btu/h	4300
	Maximum Power Input	W	2510
	Rated Power Input	W	1600
	Power Factor [208V / 230V]	%	96 / 96
Heating at 17F ³	Maximum Capacity	Btu/h	16400
	Rated Capacity	Btu/h	11400
	Maximum Power Input	W	2500
	Rated Power Input	W	1330
Heating at 5F ⁵	Maximum Capacity	Btu/h	13700
	Maximum Power Input	W	2230
Heating at -5F ⁷	Maximum Capacity	Btu/h	13160
Heating at -10F ⁸	Maximum Capacity	Btu/h	12220
Efficiency	SEER2		22.20
	EER2 ¹		13
	HSPF2 [IV]		11
	COP at 47°F ²		3.30
	COP at 17°F at Maximum Capacity ³		1.92
	COP at 5°F at Maximum Capacity ⁵		1.80
	COP at -5°F at Maximum Capacity ⁷		1.54
	COP at -10°F at Maximum Capacity ⁸		1.42
Electrical	ENERGY STAR® Certified		Yes
	Voltage, Phase, Frequency	V AC / V AC , Ø , Hz	208 / 230 , 1 , 60
	Guaranteed Voltage Range	V AC	187 - 253
	Voltage: Indoor - Outdoor, S1-S2	V AC	230 / 208
	Voltage: Indoor - Outdoor, S2-S3	V DC	24
	Short-circuit Current Rating [SCCR]	kA	5
	Recommended Fuse/Breaker Size (Outdoor)	A	20
	Recommended Wire Size [Indoor - Outdoor]	AWG	14
Indoor Unit	MCA	A	1
	Fan Motor Output	W	30
	Fan Motor Type		DC Motor
	Airflow Rate at Cooling, Dry	CFM	219 , 293 , 369 , 465 , 586
	Airflow Rate at Cooling, Wet	CFM	197 , 264 , 333 , 418 , 528
	Airflow Rate at Heating, Dry	CFM	219 , 266 , 331 , 408 , 516
	Sound Pressure Level [Cooling]	dB (A)	26 , 32 , 38 , 44 , 51
	Sound Pressure Level [Heating]	dB (A)	26 , 30 , 35 , 40 , 46
	Drain Pipe Size O.D.	inch [mm]	5/8 [15.88]
	Dual Barrier Coating on Heat Exchanger		Yes
	Dual Barrier Coating on Fan		Yes
	External Finish Color		Munsell 0.7PB 9.2/0.4
	Unit Dimensions (W x D x H)	inch x inch x inch [mm x mm x mm]	31-13/32 x 9-21/32 x 11-25/32 [798 x 245 x 299]
	Package Dimensions (W x D x H)	inch x inch x inch [mm x mm x mm]	34-1/4 x 14-1/4 x 12-3/4 [870 x 360 x 320]
	Unit Weight	lbs [kg]	23 [10.40]
	Package Weight	lbs [kg]	27 [12]
IDU Operating Temp. Range	Cooling Intake Air Temp [Maximum / Minimum]	deg F , deg F / deg F , deg F	90 , 73 / 67 , 57

Notes

¹Cooling (Indoor // Outdoor) °F 80 DB, 67 WB // 95 DB, 75 WB - test

²Heating at 47°F (Indoor // Outdoor) °F 70 DB, 60 WB // 47 DB, 43 WB

³Heating at 17°F (Indoor // Outdoor) °F 70 DB, 60 WB // 17 DB, 15 WB

⁵Heating at 5°F (Indoor // Outdoor) °F 70 DB, 60 WB // 5 DB, 4 WB

⁷Heating at -5°F (Indoor // Outdoor) °F 70 DB, 60 WB // -5 DB, -6 WB

⁸Heating at -10°F (Indoor // Outdoor) °F 70 DB, 60 WB // -10 DB, -11 WB

*Indoor/Outdoor Unit Operating Temperature Range (Cooling Air Temp [Maximum / Minimum]): • Applications should be restricted to comfort cooling only; equipment cooling applications are not recommended for low ambient temperature conditions.

**Outdoor Unit Operating Temperature Range (Cooling Thermal Lock-out / Re-start Temperatures; Heating Thermal Lock-out / Re-start Temperatures): • System cuts out in heating mode and automatically restarts at these temperatures.

SPECIFICATIONS: MSZ-GX15NL & MUZ-GX15NL

IDU Operating Temp. Range	Heating Intake Air Temp [Maximum / Minimum]	deg F	80 / 70
Outdoor Unit	MCA	A	16
	MOCP	A	20
	Fan Motor Full Load Amperage	A	0.71
	Fan Motor Output	W	55
	Airflow Rate Cooling	CFM	1166
	Airflow Rate Heating	CFM	1152
	Defrost Method		Reverse Cycle
	Coating on Heat Exchanger (Bluefin, Sea Coast)		Yes , Yes
	Sound Pressure Level, Cooling ¹	dB (A)	49
	Sound Pressure Level, Heating ²	dB (A)	51
	Compressor Type		Twin Rotary
	Compressor Model		SRB140FQHMC
	Compressor Oil [Type // Charge]	// oz	RM68EH // 11.8
	External Finish Color		Munsell 3Y 7.8/1.1
	Base Pan Heater		Optional
ODU Operating Temp. Range	Unit Dimensions (W x D x H)	inch x inch x inch [mm x mm x mm]	31-1/2 x 11-1/4 x 21-5/8 [800 x 285 x 550]
	Package Dimensions (W x D x H)	inch x inch x inch [mm x mm x mm]	37 x 15 x 24-1/2 [940 x 380 x 630]
	Unit Weight	lbs [kg]	81 [36.60]
	Package Weight	lbs [kg]	88 [39.90]
Refrigerant	Cooling Intake Air Temp [Maximum / Minimum*]	F	115 / 14
	Cooling Thermal Lock-out / Re-start Temperatures**	F	-1 / 3
	Heating Intake Air Temp [Maximum / Minimum]	F , F / F , F	75 , 65 / -5 , -6
	Heating Thermal Lock-out / Re-start Temperatures**	F	-14 / -4
Piping	Type		R454B
	Pre-Charged Refrigerant Amount	lbs , oz	2 , 4
	Maximum Pre-Charged Piping Length	ft [m]	25 [7.50]
	Additional Refrigerant Charge Per Additional Piping Length	oz/ft	0.22
Piping	Gas Pipe Size O.D. [Flared]	inch [mm]	1/2 [12.70]
	Liquid Pipe Size O.D. [Flared]	inch [mm]	1/4 [6.35]
	Maximum Piping Length	ft [m]	65 [20]
	Maximum Height Difference	ft [m]	40 [12]
Piping	Maximum Number of Bends		10

Notes

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INDOOR UNIT ACCESSORIES: MSZ-GX15NL

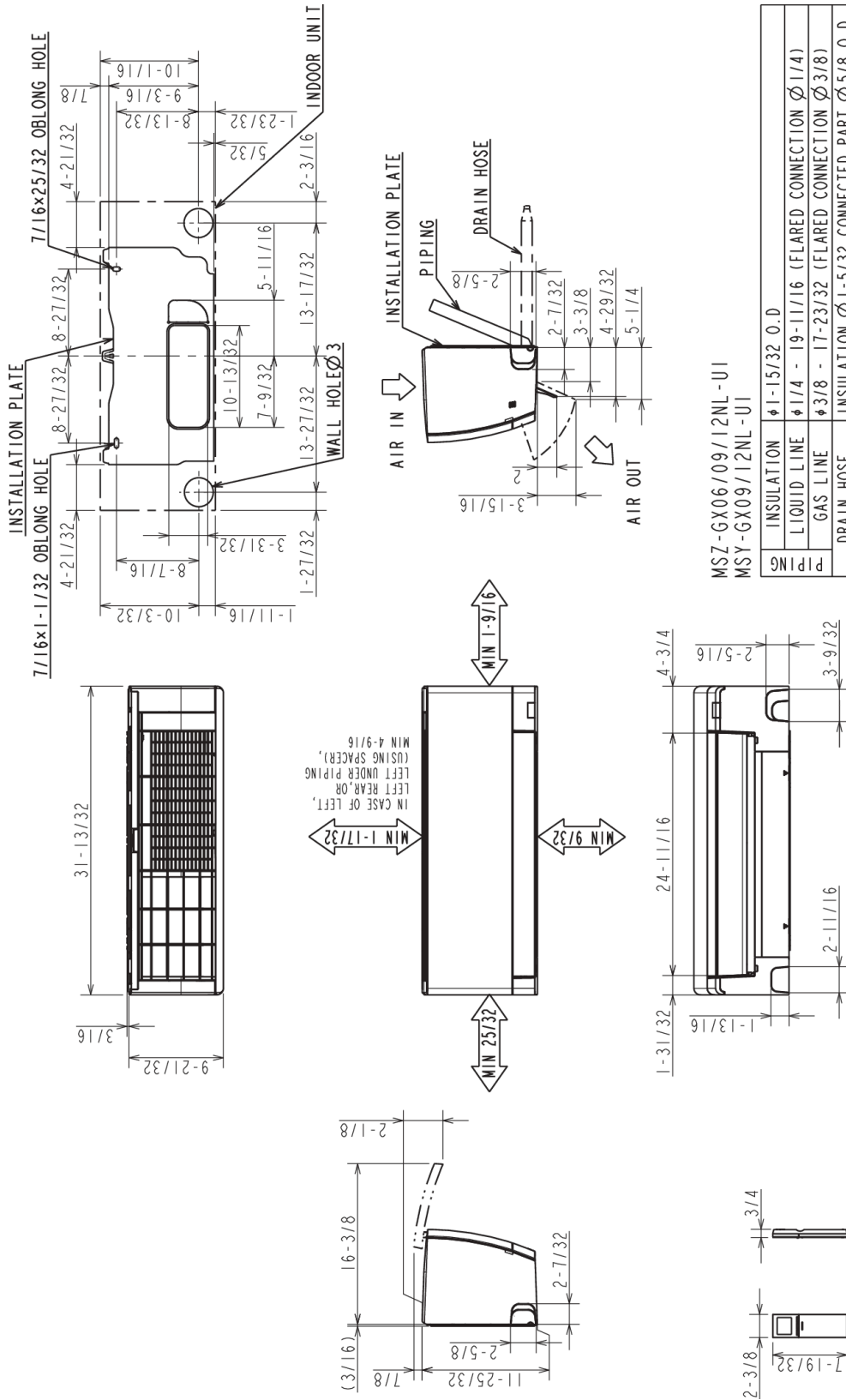
Condensate	Refco Condensate Pump 100-240V up to 120k BTU/h	☐	COMBI
	Refco Condensate Removal Pump with Wall Mount Enclosure 120-240V up to 120k BTU/h	☐	GOBI-II
	Drain Pan Level Sensor/Control	☐	SS610E
	Blue Diamond MaxiBlue Condensate Pump with Reservoir Sensor 115-230V up to 48k BTU/h	☐	X88-721
	Blue Diamond (MaxiBlue Advanced) Mini Condensate Pump w/ Reservoir & Sensor (110V) up to 48,000 BTU/H [recommended]	☐	X87-711
	Sauermann Condensate Pump 120-230V up to 60k BTU/h	☐	SI30-230
	Blue Diamond MicroBlue Condensate Pump 115-230V up to 18k BTU/h	☐	X86-003
	Blue Diamond Sensor Extension Cable 15 Ft	☐	C13-103
	Blue Diamond MegaBlue Condensate Pump with Reservoir Sensor 115-230V up to 170k BTU/h	☐	X87-835
	Blue Diamond MicroBlue Condensate Pump with Fascia Kit 115-230V up to 18k BTU/h	☐	X86-011
Control Interface	M-Net I/O Control Interface for M-Series ²	☐	MAC-334IF-E
	Airzone Wireless Lite Controller White	☐	AZZBSLITERB
	IT Extender	☐	PAC-WHS01IE-E
	Airzone Wireless Lite Controller Black	☐	AZZBSLITERN
	kumo station® for Comfort app	☐	PAC-WHS01HC-E
	Wireless Interface 2 for Comfrot app	☐	PAC-USWHS002-WF-2
	Thermostat Interface for 3rd Party Thermostats	☐	PAC-US445CN-1
	Airzone Wired Blueface Controller White	☐	AZZBSBLUEZEROCB
	Airzone Wireless Think Controller Black	☐	AZZBSTHINKRN
	Procon BACnet® and Modbus® Interface	☐	PAC-UKPRC001-CN-1
	Airzone Wireless Think Controller White	☐	AZZBSTHINKRB
	Airzone Wired Blueface Controller Black	☐	AZZBSBLUEZEROCN
Disconnect Switch	(30A/600V/UL) [fits 2" X 4" utility box] - White	☐	TAZ-MS303W
	30A600VUL fits 2 X 4 utility box - Black	☐	TAZ-MS303
Drain Hose	Flexible Mini-Split Drain Hose	☐	DRX-16
Filter	Electro Static Anti-allergy Enzyme Filter	☐	MAC-2320FT-E
	Microparticle Filter	☐	MAC-EMF515FT-E
Lineset	1/4 x 1/2 Lineset Twin-Tube Insulation - 50 feet	☐	MLS141212T-50
	1/4 x 1/2 Lineset Twin-Tube Insulation - 100 feet	☐	MLS141212T-100
	1/4 x 1/2 Lineset Twin-Tube Insulation - 65 feet	☐	MLS141212T-65
	1/4 x 1/2 Lineset Twin-Tube Insulation - 15 feet	☐	MLS141212T-15
	1/4 x 1/2 Lineset Twin-Tube Insulation - 30 feet	☐	MLS141212T-30
N/A		☐	Unknown
Remote Sensor	Remote Temperature Sensor for MFZ MLZ and MSZ models	☐	M21EAA307
	Wireless temperature and humidity sensor for Comfort app	☐	PAC-USWHS003-TH-1
Terminal Signal Adapter	Backup Heat Relay Kit	☐	CN24RELAY-KIT-CM3
Wired Remote Controller	Deluxe MA Wired Remote Controller ¹	☐	PAR-42MAAUB
	Simple Direct Wired Remote Controller	☐	PAC-SDW01RC-1
	Touch MA Remote Controller ¹	☐	PAR-CT01MAU-SB
	Simple MA Remote Controller ¹	☐	PAC-YT53CRAU-J
Wireless Remote Controller	Lockdown Bracket for Wireless Handheld Remote Controllers	☐	RCMKP1CB
	Wireless RedLINK™ Remote Controller	☐	MHK2
Notes			

OUTDOOR UNIT ACCESSORIES: MUZ-GX15NL

Air Outlet Guide	Air Outlet Guide	☐	MAC-881SG-E
Control/Service Tool	M- & P-Series Maintenance Tool Cable Set	☐	M21EC0397
	Maintenance Tool Interface	☐	PAC-USCMS-MN-1
Drain Socket	Drain Socket	☐	MAC-871DS
Hail Guards	Hail Guard	☐	HG-B4
Mini-Split Wire	14 Gauge 4 wire Armored MiniSplit Cable50 ft roll	☐	SW144-50
	14 Gauge 4 wire MiniSplit Cable50 ft roll	☐	S144-50
	14 Gauge 4 wire MiniSplit Cable250 ft roll	☐	S144-250
	14 Gauge 4 wire Armored MiniSplit Cable250 ft roll	☐	SW144-250
Mounting Pad	Condensing Unit Mounting Pad 16 x 36 x 3	☐	ULTRILITE1
Optional Defrost Heater	Base Heater	☐	MAC-650BH-U
Snow/Rain Diverter	SnowRain Diverter	☐	SRD-1
Stand	Outdoor Unit 3-14 inch Mounting Base Pair - Plastic	☐	DSD-400P
	Outdoor Unit Stand 12 High	☐	QSMS1201M
	Condenser Wall Bracket - Stainless Steel Finish	☐	QSWBSS
	18 Single Fan Stand	☐	QSMS1801M
	Condenser Wall Bracket	☐	QSWB2000M-1
	24 Single Fan Stand	☐	QSMS2401M
Notes			

INDOOR UNIT DIMENSIONS: MSZ-GX15NL

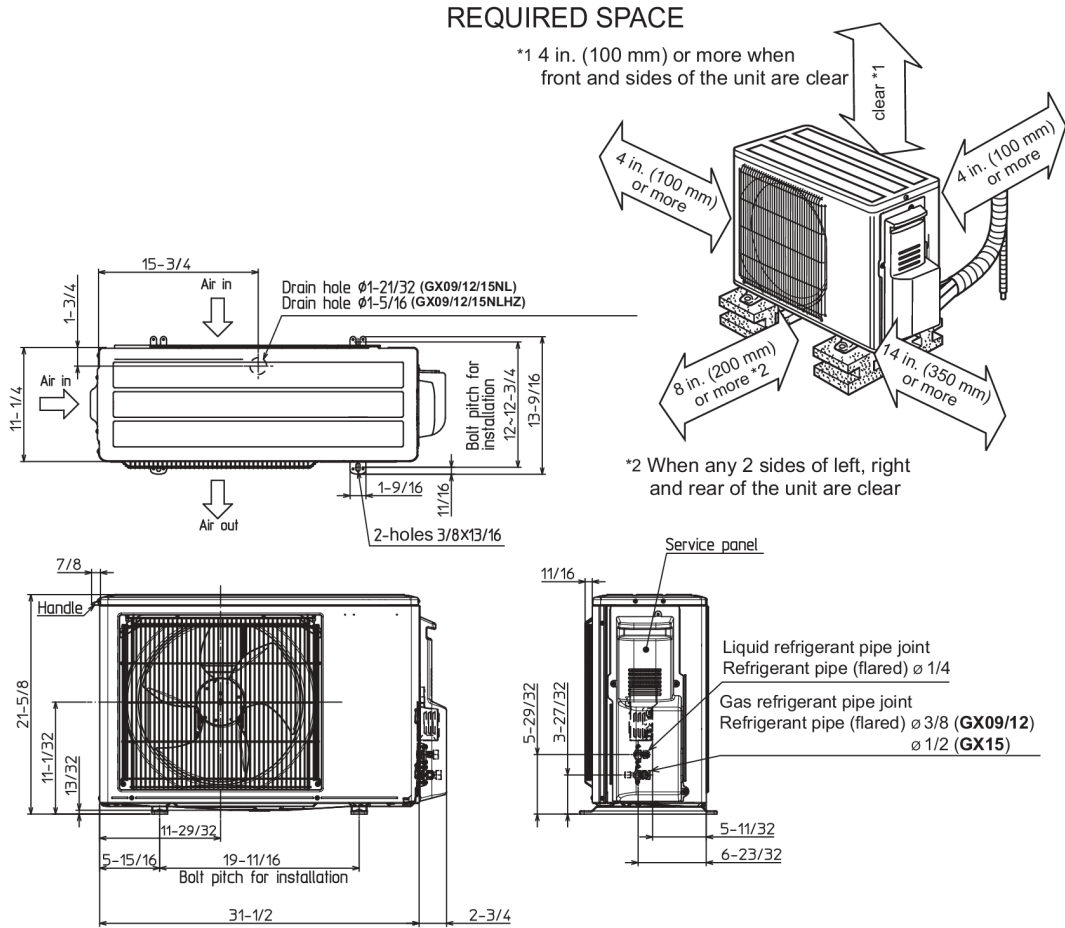
MSZ-GX06NL MSZ-GX09NL MSZ-GX12NL MSZ-GX15NL
MSY-GX09NL MSY-GX12NL MSY-GX15NL



OUTDOOR UNIT DIMENSIONS: MUZ-GX15NL

- MUZ-GX09NL-U1
- MUZ-GX12NL-U1
- MUZ-GX15NL-U1
- MUZ-GX09NLHZ-U1
- MUZ-GX12NLHZ-U1
- MUZ-GX15NLHZ-U1
- MUY-GX09NL-U1
- MUY-GX12NL-U1
- MUY-GX15NL-U1

REQUIRED SPACE



MUZ-GX09/12NL MUZ-GX09/12NLHZ
MUY-GX09/12NL

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

MUZ-GX15NL MUZ-GX15NLHZ
MUY-GX15NL

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

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