

MSZ-GX18NL

18,000 BTU/H WALL-MOUNTED INDOOR UNIT



Job Name:

System Reference:

Date:



GENERAL FEATURES

- Dual Barrier Coating: The patented Dual Barrier Coating reduces the collection of contaminants like dust, fibers, smoke, and oil on the inner surface of the heat pump, resulting in optimal airflow and easier maintenance.
- Econo Cool: Econo Cool temporarily and automatically adjusts the airflow based on heat exchanger temperature. The set temperature is increased slightly, which saves energy, while maintaining comfort.
- Filter: Electrostatic Enzyme filter (built-in) that is charged with static electricity and designed to attract and filter charged particles which can include airborne non-living particulates, and Microparticle filter (optional) that removes non-living particulate matter, which can include dust and smoke.
- Multiple control options including: Back-lit screen hand-held Remote Controller (provided with unit), comfort app, third-party interfaces and both wired and wireless controllers
- Multiple fan speed options: Low, Medium, High, Powerful, Auto
- Powerful Mode: Temporarily drops or raises the set point and fan speed in order to quickly bring the room to the desired temperature.
- Quiet operation: Outdoor units are as quiet as a typical conversation, and most indoor units are whisper quiet.
- Slim wall-mounted indoor units provide zone comfort control
- Smart Dry Mode: Improves humidity control with minimal over-cooling of the space
- Smart Set: recalls a preferred preset temperature setting at the touch of a button
- Wi-Fi enabled units pair with the Comfort app for complete control over temperature, fan speeds, modes, schedules, and more.

Specifications			System
Unit Type			MSZ-GX18NL
Cooling Capacity (Nominal) ^{1,3}	Cooling Capacity (Nominal)	Btu/h	18,000
Heating Capacity (Nominal) ^{2,3}	Heating Capacity (Nominal)	Btu/h	21,600
Electrical	Voltage, Phase, Frequency	V AC / V AC, ø, Hz	208 / 230, 1, 60
	Voltage: Indoor - Outdoor, S1-S2	V AC	208/230
	MCA	A	1
Indoor Unit	Fan Motor Type		DC Motor
	Fan Motor Output	W	56
	Airflow Rate at Cooling, Dry	CFM	324, 392, 454, 530, 650
	Airflow Rate at Cooling, Wet	CFM	292, 353, 408, 477, 585
	Airflow Rate at Heating, Dry	CFM	344, 392, 454, 530, 672
	Sound Pressure Level [Cooling]	dB (A)	28, 33, 38, 44, 49
	Sound Pressure Level [Heating]	dB (A)	29, 34, 39, 43, 48
	DBC on HEX (Yes or No)		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]	43-5/16 x 10-1/8 x 12-13/16 [1,100 x 257 x 325]
	Package Dimensions (W x D x H)	inch x inch x inch [mm x mm x mm]	45-1/2 x 15-1/2 x 13-1/2 [1,160 x 400 x 340]
	Unit Weight	lbs [kg]	37 [16.50]
	Package Weight	lbs [kg]	42 [18.80]
Refrigerant	Type		R454B
Piping	Liquid Pipe Size O.D.	inch [mm]	1/4 [6.35]
	Gas Pipe Size O.D.	inch [mm]	1/2 [12.70]
Drain Pipe	Drain Pipe Size O.D.	inch [mm]	5/8 [16]

NOTES

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

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

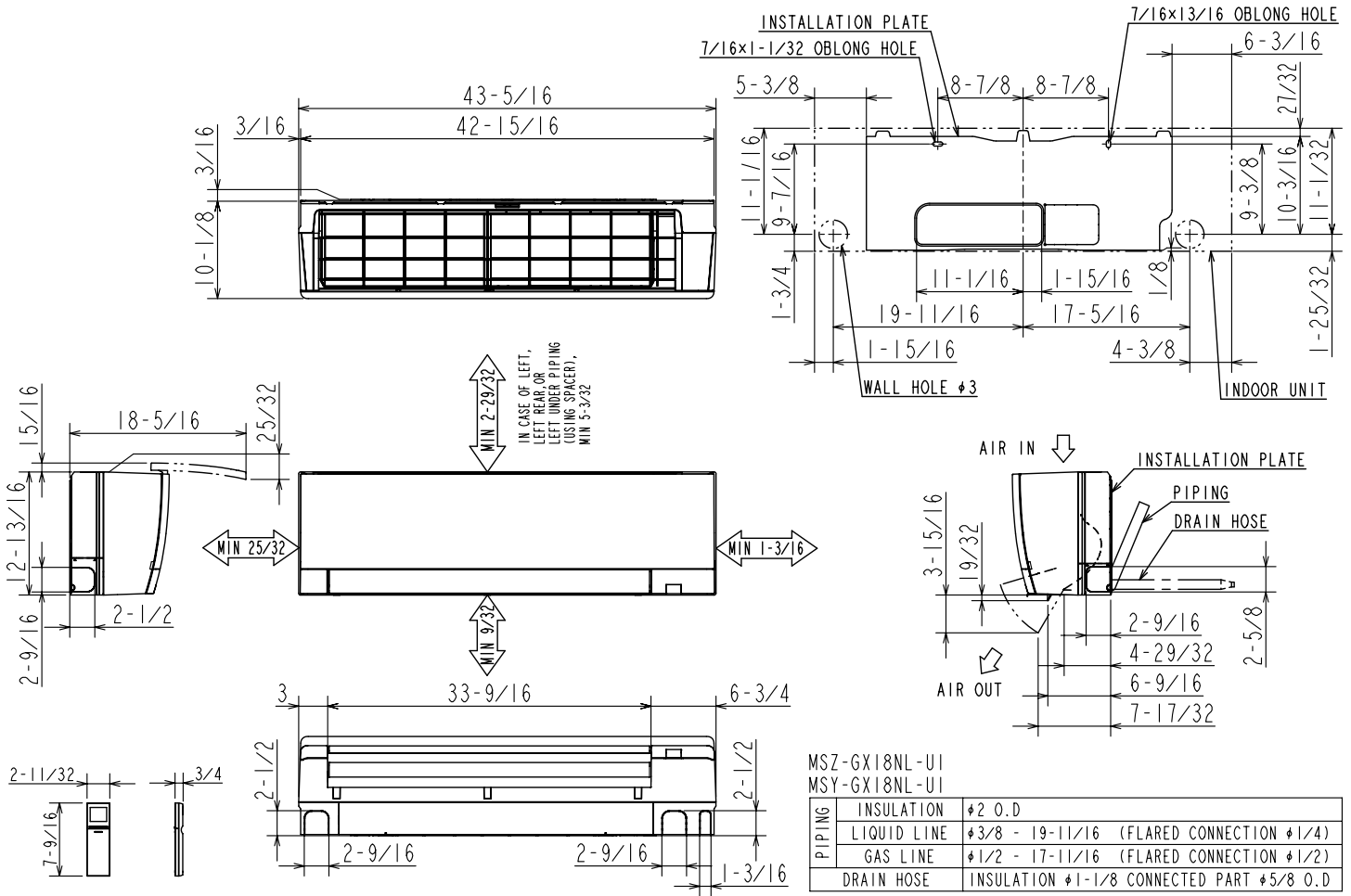
³Nominal capacity only. Actual capacity output varies based on the system-specific configuration.

INDOOR UNIT ACCESSORIES: MSZ-GX18NL

Condensate	Blue Diamond Advanced Mini Condensate Pump w Reservoir Sensor 208230V recommended	X87-721
	Blue Diamond MaxiBlue Advanced Mini Condensate Pump w Reservoir Sensor 110V up to 48000 BTUH recommended	X87-711
	Blue Diamond MegaBlue Advanced Condensate Pump w Reservoir Sensor	X87-835
	Blue Diamond Sensor Extension Cable 15 Ft	C13-103
	Drain Pan Level SensorControl	SS610E
	Refco Condensate Pump 100-240 VAC up to 120000 BTUH	COMBI
	Refco Condensate Pump 100-240 VAC	GOBI-II
	REFCO PUMP 100-240 VAC 5060 HZ	X86-011
	Sauermann Condensate Pump	SI30-230
Lineset	100 x 1/4 x 100 1/2 Lineset Twin-Tube Insulation	MLS141212T-100
	15 x 1/4 x 15 1/2 Lineset Twin-Tube Insulation	MLS141212T-15
	30 x 1/4 x 30 1/2 Lineset Twin-Tube Insulation	MLS141212T-30
	50 x 1/4 x 50 1/2 Lineset Twin-Tube Insulation	MLS141212T-50
	65 x 1/4 x 65 1/2 Lineset Twin-Tube Insulation	MLS141212T-65
Power Supplies and Auxiliary Components	Backup Heat Relay Kit Adapter for CN24 or CN152 Connector	CN24RELAY-KIT-CM3
Filter	Electro Static Anti-allergy Enzyme Filter	MAC-2320FT-E
	Microparticle Filter	MAC-EMF515FT-E
Control Interface	Airzone Wired Blueface Controller Black	AZZBSBLUEZEROCN
	Airzone Wired Blueface Controller White	AZZBSBLUEZEROCB
	Airzone Wireless Lite Controller Black	AZZBSLITERN
	Airzone Wireless Lite Controller White	AZZBSLITERB
	Airzone Wireless Think Controller Black	AZZBSTHINKRKN
	Airzone Wireless Think Controller White	AZZBSTHINKRKB
	IT Extender for kumo station	PAC-WHS01IE-E
	kumo station for the Comfort app	PAC-WHS01HC-E
	M-Net I/O Control Interface for M-Series ²	MAC-334IF-E
	Procon BACnet and Modbus Interface	PAC-UKPRC001-CN-1
	Thermostat Interface for 3rd Party Thermostats	PAC-US445CN-1
Drain Hose	Wireless Interface Adapter for the Comfort app	PAC-USWHS002-WF-2
	Flexible Mini-Split Drain Hose	DRX-16
Wired Remote Controller	Deluxe Wired MA Remote Controller	PAR-42MAAUB
	Simple Direct Wired Remote Controller	PAC-SDW01RC-1
	Simple MA Remote Controller ¹	PAC-YT53CRAU-J
	Touch MA Wired Remote Controller ¹	PAR-CT01MAU-SB
Disconnect Switch	30A600VUL fits 2 X 4 utility box - Black	TAZ-MS303
	30A600VUL fits 2 X 4 utility box - White	TAZ-MS303W
Wireless Remote Controller	Lockdown Bracket for Wireless Handheld Remote Controllers	RCMKP1CB
	RedLINK Wireless Remote Controller	MHK2
Remote Sensor	Remote Temperature Sensor for MFZ MLZ and MSZ models	M21EAA307
	Wireless temperature and humidity sensor for the Comfort app	PAC-USWHS003-TH-1
NOTES ² Allows IDU Connection to MA Controller: Deluxe MA Remote Controller Simple MA Controller Touch MA Controller ¹ Requires MAC-334IF-E Interface to connect MA controller ¹ Requires MAC-334IF-E Interface to connect MA controller ¹ Requires MAC-334IF-E Interface to connect MA controller ¹ Requires MAC-334IF-E Interface to connect MA controller		

INDOOR UNIT DIMENSIONS: MSZ-GX18NL

MSZ-GX18NL- U1 MSY-GX18NL- U1
 MSZ-GX24NL- U1 MSY-GX24NL- U1
 MSZ-GX30NL- U1 MSY-GX30NL- U1
 MSZ-GX36NL- U1 MSY-GX36NL- U1



MSZ-GX18NL-U1 MSY-GX18NL-U1	
INSULATION	#2 O.D
LIQUID LINE	#3/8 - 19-11/16 (FLARED CONNECTION #1/4)
GAS LINE	#1/2 - 17-11/16 (FLARED CONNECTION #1/2)
DRAIN HOSE	INSULATION #1-1/8 CONNECTED PART #5/8 O.D

MSZ-GX24/30/36NL-U1 MSY-GX24/30/36NL-U1	
INSULATION	#2 O.D
LIQUID LINE	#3/8 - 19-11/16 (FLARED CONNECTION #1/4)
GAS LINE	#1/2 - 17-11/16 (FLARED CONNECTION #5/8)
DRAIN HOSE	INSULATION #1-1/8 CONNECTED PART #5/8 O.D

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