MSZ-EX12NL2S
12,000 BTU/H WALL-MOUNTED INDOOR UNIT

Job Name:			
System Reference:		**Date:**	



GENERAL FEATURES

- Wi-Fi Built-in: Wi-Fi enabled units pair with the Comfort app for complete control over temperature, fan speeds, modes, schedules, and more.
- Econo Cool: Econo Cool is feature that temporarily adjusts the airflow to maintain comfort while using less energy.
- Swing Mode: An indoor unit with this capability can move air throughout the room like an oscillating fan.
- Smart Set: Smart Set conveniently adjusts to the preferred preset temperature by pressing a single button on the remote control.
- 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.
- Quiet: Outdoor units are as quiet as a typical conversation, and most indoor units are whisper quiet.
- Electrostatic Enzyme Filter (Built-In): Charged with static electricity, the Electrostatic filter is designed to attract and filter charged particles which can include airborne non-living particulates.

SPECIFICATIONS			SYSTEM
UNIT TYPE			MSZ-EX12NL2S
Cooling Capacity (Nominal)[1,3]	Cooling Capacity (Nominal)	Btu/h	12000
Heating Capacity (Nominal)[2,3]	Heating Capacity (Nominal)	Btu/h	14000
Electrical	Voltage, Phase, Frequency	V AC / V AC , ø , Hz	208 / 230 , 1 , 60
	Voltage: Indoor - Outdoor, S1-S2	V AC	208/230
	Voltage: Indoor - Outdoor, S2-S3	V DC	12-24
	Short-circuit Current Rating [SCCR]	kA	5
Indoor Unit	Fan Motor Type		DC Motor
	Fan Motor Output	W	30
	Airflow Rate at Cooling, Dry	CFM	143 , 164 , 228 , 305 , 391
	Airflow Rate at Cooling, Wet	CFM	128 , 147 , 205 , 274 , 352
	Airflow Rate at Heating, Dry	CFM	143 , 164 , 205 , 244 , 479
	Sound Pressure Level [Cooling]	dB (A)	21 , 24 , 29 , 36 , 42
	Sound Pressure Level [Heating]	dB (A)	21 , 24 , 30 , 38 , 46
	Dual Barrier Coating on Heat Exchanger		Yes
	Dual Barrier Coating on Fan		Yes
	External Finish Color		3.1PB 8.2/0.2
	Unit Dimensions (W x D x H)	inch x inch x inch [mm x mm x mm]	34-13/16 x 7-11/16 x 11-3/4 [885 x 195 x 299]
	Package Dimensions (W x D x H)	inch x inch x inch [mm x mm x mm]	35-5/8 x 14-3/16 x 10-11/16 [980 x 360 x 270]
	Unit Weight	lbs [kg]	26 [11.50]
	Package Weight	lbs [kg]	29 [13]
	Drain Pipe Size O.D.	inch [mm]	5/8 [16]
Refrigerant	Type		R454B
Piping	Liquid Pipe Size O.D. [Flared]	inch [mm]	1/4 [6.35]
	Gas Pipe Size O.D. [Flared]	inch [mm]	3/8 [9.52]
Notes			

Specifications are subject to change without notice.

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INDOOR UNIT ACCESSORIES: MSZ-EX12NL2S

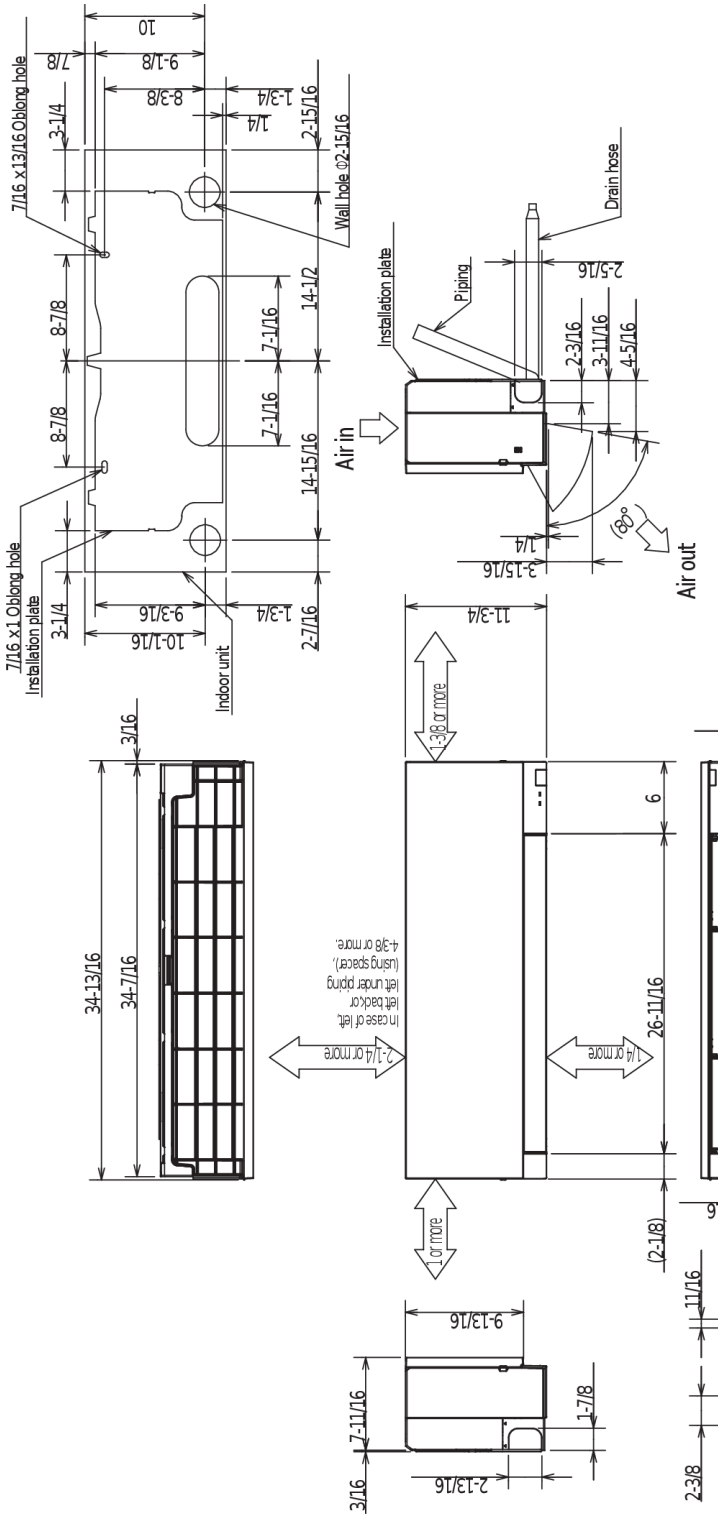
Condensate	Sauermann Condensate Pump 120-230V up to 60k BTU/h	☐ SI30-230
	Blue Diamond MegaBlue Advanced Condensate Pump w Reservoir Sensor	☐ X87-835
	Refco Condensate Pump 100-240V up to 120k BTU/h	☐ COMBI
	Blue Diamond MaxiBlue Condensate Pump with Reservoir Sensor 115-230V up to 48k BTU/h	☐ X88-721
	Drain Pan Level SensorControl	☐ SS610E
	Blue Diamond MicroBlue Condensate Pump 115-230V up to 18k BTU/h	☐ X86-003
	Refco Condensate Pump 100-240 VAC	☐ GOBI-II
	Blue Diamond Sensor Extension Cable 15 Ft	☐ C13-103
	Blue Diamond MicroBlue Condensate Pump with Fascia Kit 115-230V up to 18k BTU/h	☐ X86-011
Control Interface	Airzone Wireless Think Controller Black	☐ AZZBSTHINKRN
	Airzone Wireless Lite Controller Black	☐ AZZBSLITERN
	Wireless Interface 2 for Comfrot app	☐ PAC-USWHS002-WF-2
	kumo station® for Comfort app	☐ PAC-WHS01HC-E
	IT Extender	☐ PAC-WHS01IE-E
	Airzone Wired Blueface Controller Black	☐ AZZBSBLUEZEROCN
	Airzone Wireless Think Controller White	☐ AZZBSTHINKRB
	M-NET adapter [2]	☐ MAC-334IF-E
	Wireless RedLINK™ Remote Controller	☐ MHK2
	Airzone Wired Blueface Controller White	☐ AZZBSBLUEZEROCB
	Procon BACnet® and Modbus® Interface	☐ PAC-UKPRC001-CN-1
	Airzone Wireless Lite Controller White	☐ AZZBSLITERB
Disconnect Switch	30A600VUL fits 2 X 4 utility box - Black	☐ TAZ-MS303
	30A600VUL fits 2 X 4 utility box - White	☐ TAZ-MS303W
Drain Hose	Flexible Mini-Split Drain Hose	☐ DRX-16
Filter	Microparticle Filter	☐ MAC-EMF515FT-E
	Electro Static Anti-allergy Enzyme Filter	☐ MAC-2320FT-E
Lineset	30 x 1/4 x 30 3/8 Lineset Twin-Tube Insulation	☐ MLS143812T-30
	50 x 1/4 x 50 3/8 Lineset Twin-Tube Insulation	☐ MLS143812T-50
	65 x 1/4 x 65 3/8 Lineset Twin-Tube Insulation	☐ MLS143812T-65
	15 x 1/4 x 15 3/8 Lineset Twin-Tube Insulation	☐ MLS143812T-15
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 Adapter for CN24 or CN152 Connector	☐ CN24RELAY-KIT-CM3
Wired Remote Controller	Simple Direct Wired Remote Controller	☐ PAC-SDW01RC-1
	Simple MA Remote Controller [1]	☐ PAC-YT53CRAU-J
	Touch MA Remote Controller [1]	☐ PAR-CT01MAU-SB
	Deluxe Wired MA Remote Controller [1]	☐ PAR-42MAAUB
Wireless Remote Controller	Lockdown Bracket for Wireless Handheld Remote Controllers	☐ RCMKP1CB

Notes

[1]Requires MAC-334IF-E Interface to connect MA controller
[2]For Ductless M-Series: Allows IDU Connection to MA Controller: *Deluxe MA Remote Controller *Simple MA Controller *Touch MA Controller

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INDOOR UNIT DIMENSIONS: MSZ-EX12NL2S



MSZ-EX15/18NL2

Piping		
	Insulation	ϕ1-7/16 O.D
	Liquid line	ϕ1/4 - 19-11/16 (Flared connection ϕ1/4)
	Gas line	ϕ3/8 - 16-15/16 (Flared connection ϕ1/2)
	Drain hose	Insulation ϕ1-1/8 Connected part ϕ5/8 O.D active length 15-3/8

Note: Extension pipe size refer to the specifications table.

MSZ-EX09/12NL2

Piping		
	Insulation	ϕ1-7/16 O.D
	Liquid line	ϕ1/4 - 19-11/16 (Flared connection ϕ1/4)
	Gas line	ϕ3/8 - 16-15/16 (Flared connection ϕ3/8)
	Drain hose	Insulation ϕ1-1/8 Connected part ϕ5/8 O.D active length 15-3/8

Note: Extension pipe size refer to the specifications table.

1340 Satellite Boulevard Suwanee, GA 30024
Toll Free: 800-433-4822 · mitsubishicomfort.com

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