

# MSZ-EX09NLW 9,000 BTU/H WALL-MOUNTED INDOOR UNIT



Job Name:

System Reference:

Date:



## GENERAL FEATURES

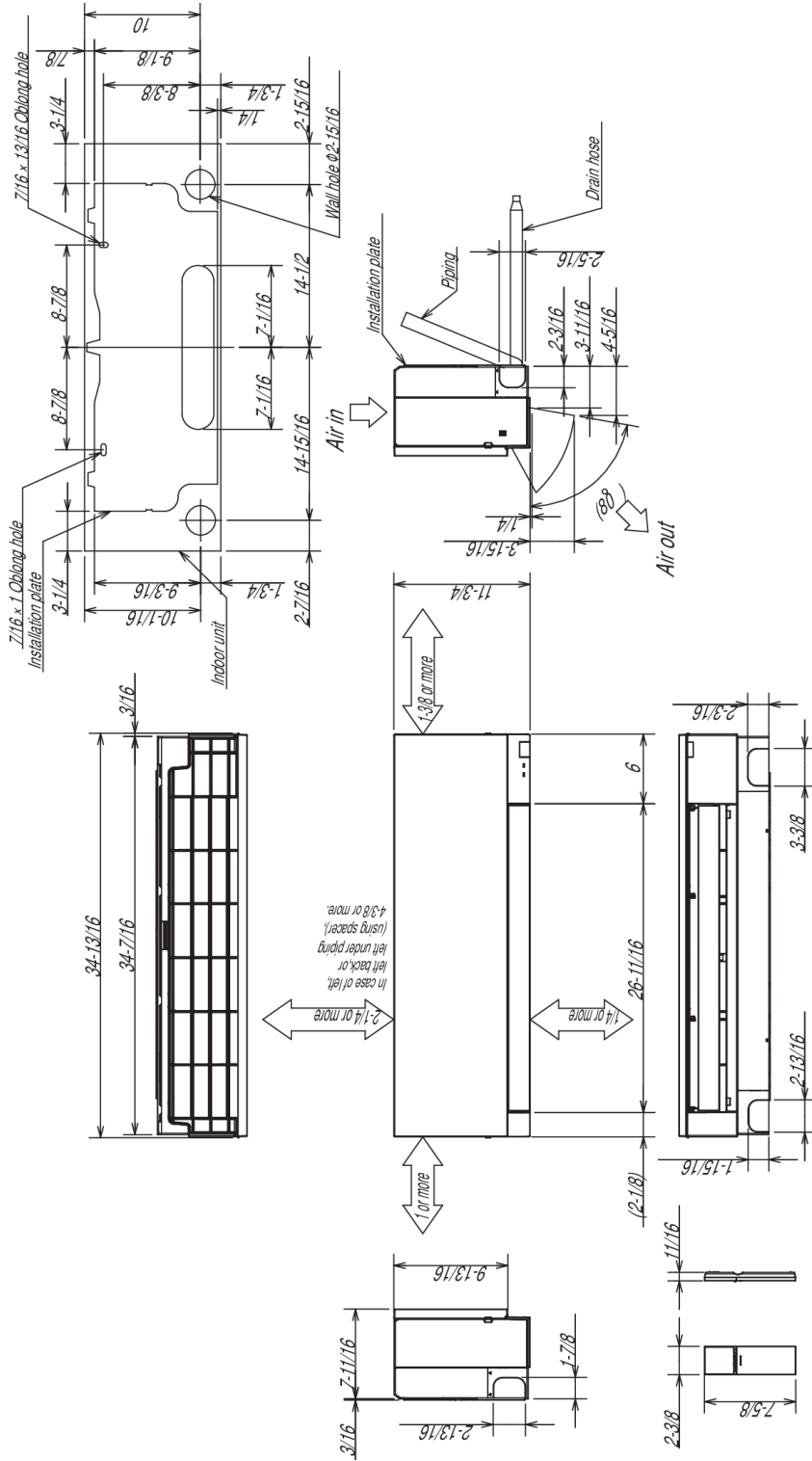
- **Econo Cool:** Econo Cool is feature that temporarily adjusts the airflow to maintain comfort while using less energy.
- **Swing Mode:** An indoor unit with this capability can move air throughout the room like an oscillating fan.
- **Smart Set:** Smart Set conveniently adjusts to the preferred preset 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:** Our indoor units offer whisper-quiet operation as low as 19 dB(A). Our outdoor units are design for ultra quiet operation.
- **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-EX09NLW
Cooling Capacity (Nominal) <sup>1,3</sup>	Cooling Capacity (Nominal)	Btu/h	9000
Heating Capacity (Nominal) <sup>2,3</sup>	Heating Capacity (Nominal)	Btu/h	10000
Electrical	Voltage, Phase, Frequency	V AC / V AC , $\phi$ , 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	MCA	A	1
	MOCP	A	15
	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 , 448
	Sound Pressure Level [Cooling]	dB (A)	21 , 23 , 29 , 36 , 42
	Sound Pressure Level [Heating]	dB (A)	21 , 24 , 29 , 37 , 45
	Dual Barrier Coating on Heat Exchanger		Yes
	External Finish Color		1.0Y 9.2/0.2
	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 ]	
Refrigerant	Type	R454B	
Piping	Liquid Pipe Size O.D.	inch [ mm ]	1/4 [ 6.35 ]
	Gas Pipe Size O.D.	inch [ mm ]	3/8 [ 9.52 ]
Indoor Unit	Drain Pipe Size O.D.	inch [ mm ]	5/8 [ 16 ]
<b>Notes</b>			
<sup>1</sup> Cooling (Indoor // Outdoor) °F 80 DB, 67 WB // 95 DB, 75 WB - test <sup>2</sup> Heating at 47°F (Indoor // Outdoor) °F 70 DB, 60 WB // 47 DB, 43 WB <sup>3</sup> Nominal capacity only. Actual capacity output varies based on the system specific configuration			

## INDOOR UNIT ACCESSORIES: MSZ-EX09NLW

Condensate	Refco Condensate Pump 100-240V up to 120k BTU/h	<input type="checkbox"/>	COMBI
	Blue Diamond Sensor Extension Cable 15 Ft	<input type="checkbox"/>	C13-103
	Drain Pan Level Sensor/Control	<input type="checkbox"/>	SS610E
	Blue Diamond MegaBlue Condensate Pump with Reservoir Sensor 115-230V up to 170k BTU/h	<input type="checkbox"/>	X87-835
	Blue Diamond (MaxiBlue Advanced) Mini Condensate Pump w/ Reservoir & Sensor (110V) up to 48,000 BTU/H [recommended]	<input type="checkbox"/>	X87-711
	Sauermann Condensate Pump 120-230V up to 60k BTU/h	<input type="checkbox"/>	SI30-230
	Refco Condensate Removal Pump with Wall Mount Enclosure 120-240V up to 120k BTU/h	<input type="checkbox"/>	GOBI-II
	Blue Diamond MicroBlue Condensate Pump 115-230V up to 18k BTU/h	<input type="checkbox"/>	X86-003
	Blue Diamond MaxiBlue Condensate Pump with Reservoir Sensor 115-230V up to 48k BTU/h	<input type="checkbox"/>	X88-721
	Blue Diamond MicroBlue Condensate Pump with Fascia Kit 115-230V up to 18k BTU/h	<input type="checkbox"/>	X86-011
Control Interface	kumo station® for Comfort app	<input type="checkbox"/>	PAC-WHS01HC-E
	Thermostat Interface for 3rd Party Thermostats	<input type="checkbox"/>	PAC-US445CN-1
	Airzone Wired Blueface Controller Black	<input type="checkbox"/>	AZZBSBLUEZEROCN
	Airzone Wireless Think Controller White	<input type="checkbox"/>	AZZBSTHINKRB
	Wireless Interface 2 for Comfrot app	<input type="checkbox"/>	PAC-USWHS002-WF-2
	Procon BACnet® and Modbus® Interface	<input type="checkbox"/>	PAC-UKPRC001-CN-1
	Airzone Wireless Think Controller Black	<input type="checkbox"/>	AZZBSTHINKRN
	Airzone Wired Blueface Controller White	<input type="checkbox"/>	AZZBSBLUEZEROCB
	Airzone Wireless Lite Controller Black	<input type="checkbox"/>	AZZBSLITERN
	Airzone Wireless Lite Controller White	<input type="checkbox"/>	AZZBSLITERB
	M-Net I/O Control Interface for M-Series <sup>2</sup>	<input type="checkbox"/>	MAC-334IF-E
IT Extender	<input type="checkbox"/>	PAC-WHS01IE-E	
Disconnect Switch	(30A/600V/UL) [fits 2" X 4" utility box] - White	<input type="checkbox"/>	TAZ-MS303W
	30A600VUL fits 2 X 4 utility box - Black	<input type="checkbox"/>	TAZ-MS303
Drain Hose	Flexible Mini-Split Drain Hose	<input type="checkbox"/>	DRX-16
Filter	Microparticle Filter	<input type="checkbox"/>	MAC-EMF515FT-E
	Electro Static Anti-allergy Enzyme Filter	<input type="checkbox"/>	MAC-2320FT-E
Lineset	65 x 1/4 x 65 3/8 Lineset Twin-Tube Insulation	<input type="checkbox"/>	MLS143812T-65
	50 x 1/4 x 50 3/8 Lineset Twin-Tube Insulation	<input type="checkbox"/>	MLS143812T-50
	15 x 1/4 x 15 3/8 Lineset Twin-Tube Insulation	<input type="checkbox"/>	MLS143812T-15
	30 x 1/4 x 30 3/8 Lineset Twin-Tube Insulation	<input type="checkbox"/>	MLS143812T-30
N/A		<input type="checkbox"/>	Unknown
Remote Sensor	Remote Temperature Sensor for MFZ MLZ and MSZ models	<input type="checkbox"/>	M21EAA307
	Wireless temperature and humidity sensor for Comfort app	<input type="checkbox"/>	PAC-USWHS003-TH-1
Terminal Signal Adapter	Backup Heat Relay Kit	<input type="checkbox"/>	CN24RELAY-KIT-CM3
Wired Remote Controller	Simple Direct Wired Remote Controller	<input type="checkbox"/>	PAC-SDW01RC-1
	Deluxe MA Wired Remote Controller <sup>1</sup>	<input type="checkbox"/>	PAR-42MAAUB
	Simple MA Remote Controller <sup>1</sup>	<input type="checkbox"/>	PAC-YT53CRAU-J
	Touch MA Remote Controller <sup>1</sup>	<input type="checkbox"/>	PAR-CT01MAU-SB
Wireless Remote Controller	Wireless RedLINK™ Remote Controller	<input type="checkbox"/>	MHK2
	Lockdown Bracket for Wireless Handheld Remote Controllers	<input type="checkbox"/>	RCMKP1CB
<b>Notes</b>			

# INDOOR UNIT DIMENSIONS: MSZ-EX09NLW



## MSZ-EX09/12NL

Insulation	φ 1-7/16 O.D.
Liquid line	φ 1/4 - 19-11/16 (Flared connection φ 1/4)
Gas line	φ 3/8 - 16-5/16 (Flared connection φ 3/8)
Drain hose	Insulation φ 1-1/8 Connected part φ 5/8 O.D active length 15-3/8

Note: Extension pipe size refer to the specifications table.

## MSZ-EX15/18NL

Insulation	φ 1-7/16 O.D.
Liquid line	φ 1/4 - 19-11/16 (Flared connection φ 1/4)
Gas line	φ 3/8 - 16-5/16 (Flared connection φ 1/2)
Drain hose	Insulation φ 1-1/8 Connected part φ 5/8 O.D active length 15-3/8

Note: Extension pipe size refer to the specifications table.

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