

Job Name:

System Reference:

Date:



Indoor Unit: MSZ-EF09NAB-U1



Wireless Remote Controller

ACCESSORIES:**Indoor Unit**

- ☐ Condensate Pump (BlueDiamond X87-711/721; 115/230V)
- ☐ Condensate Pump (Sauermann SI30-115/230; 115/230V)
- ☐ Anti-allergy Enzyme Filter (MAC-2320FT-E)
- ☐ Drain Pan Level Sensor (DPLS2)

Controls

- ☐ Wireless Controller (MHK1)
- ☐ Wired Remote Controller PAR-32MAA-J (Requires MAC-333IF-E)
- ☐ Wireless Interface for kumo cloud™ (PAC-WHS01WF-E)
- ☐ Thermostat Interface (PAC-US444CN-1)

SPECIFICATIONS:**Rated Capacity***

Cooling*1	Btu/h / W	9,000
Heating at 47° F*2	Btu/h / W	10,900

Rating Conditions per AHRI Standard:

*1 Cooling | Indoor: 80° F(27° C)DB / 67° F(19° C)WB ; Outdoor: 95° F(35° C)DB / 75° F(24° C)WB

*2 Heating at 47°F | Indoor: 70° F (21° C)DB / 60° F (16° C)WB ; Outdoor: 47° F (8° C)DB / 43° F (6° C)WB

For data on specific indoor units (all ducted, all non-ducted, and both ducted and non-ducted) combinations, see the MXZ Technical and Service Manual.

Electrical Power Requirements	208 / 230V, 1-Phase, 60 Hz	
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Minimum Circuit Ampacity (MCA)	A	1
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Blower Motor (ECM)	F.L.A.	0.67
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Blower Motor Output	W	30
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Moisture Removal	pt./h	0.6
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Field Drainpipe Size O.D.	In.(mm)	5/8 (15)
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Airflow Rate (Lo - Med - Hi - Super Hi - Powerful)

Cooling	DRY	CFM	141-162-222-293-371
	WET		121-140-191-252-319
Heating	DRY		141-162-219-314-420

Sound Pressure Level (Lo - Med - Hi - Super Hi - Powerful)

Cooling	dB(A)	21-23-29-36-42
Heating		21-24-29-37-39

Unit Dimensions (H x W x D)	In.(mm)	11-3/4 x 34-13/16 x 7-11/16 (298 x 884 x 195)
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Package Dimensions (H x W x D)	In.(mm)	14-1/4 x 38-3/4 x 10-3/4 (362 x 984 x 273)
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Unit Weight	Lbs.(kg)	26 (11)
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Package Weight	Lbs.(kg)	29 (13)
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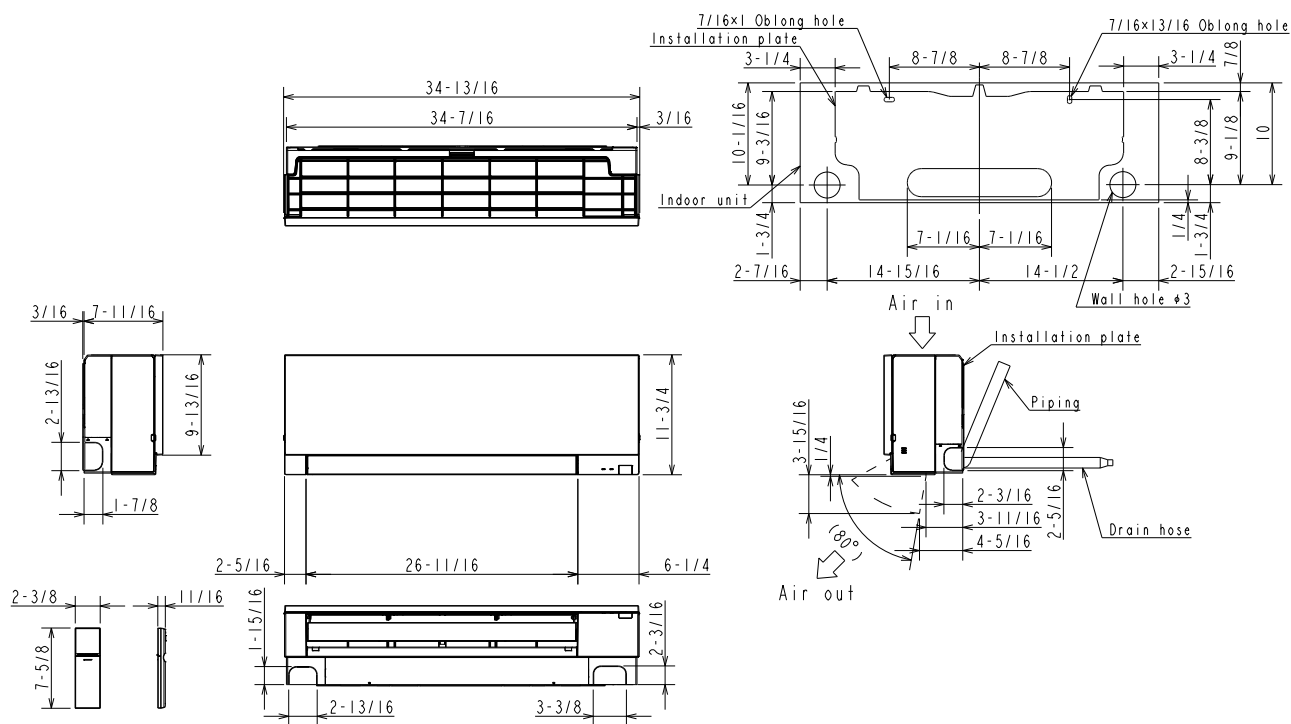
External Finish	Munsell 3.7PB 2.0/0.1	
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Refrigerant Piping (Flared)

Liquid (High Pressure)	In.(mm)	1/4 (6.35)
Gas (Low Pressure)		3/8 (9.52)

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Unit: inch

**MSZ-EF09/12NA**

Piping	Insulation	Ø1-7/16 O.D
	Liquid line	Ø1/4 - 19-11/16 (Flared connection Ø1/4)
	Gas line	Ø3/8 - 16-15/16 (Flared connection Ø3/8)
	Drain hose	Insulation Ø1-1/8 Connected part Ø5/8 O.D active length 15-3/8

Note: Extension pipe size refer to the specifications table.



COOLING & HEATING

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