

SUBMITTAL DATA: MSZ-HM24NA & MUZ-HM24NAH 24,000 BTU/H WALL-MOUNTED HEAT PUMP SYSTEM

Job Name:	Location:	Date:
Purchaser:	Engineer:	
Submitted to:	For <input type="checkbox"/> Reference <input type="checkbox"/> Approval <input type="checkbox"/> Construction	
System Designation:	Schedule No.:	


ACCESSORIES:

Windscreens (ME-FR-24)

Controls

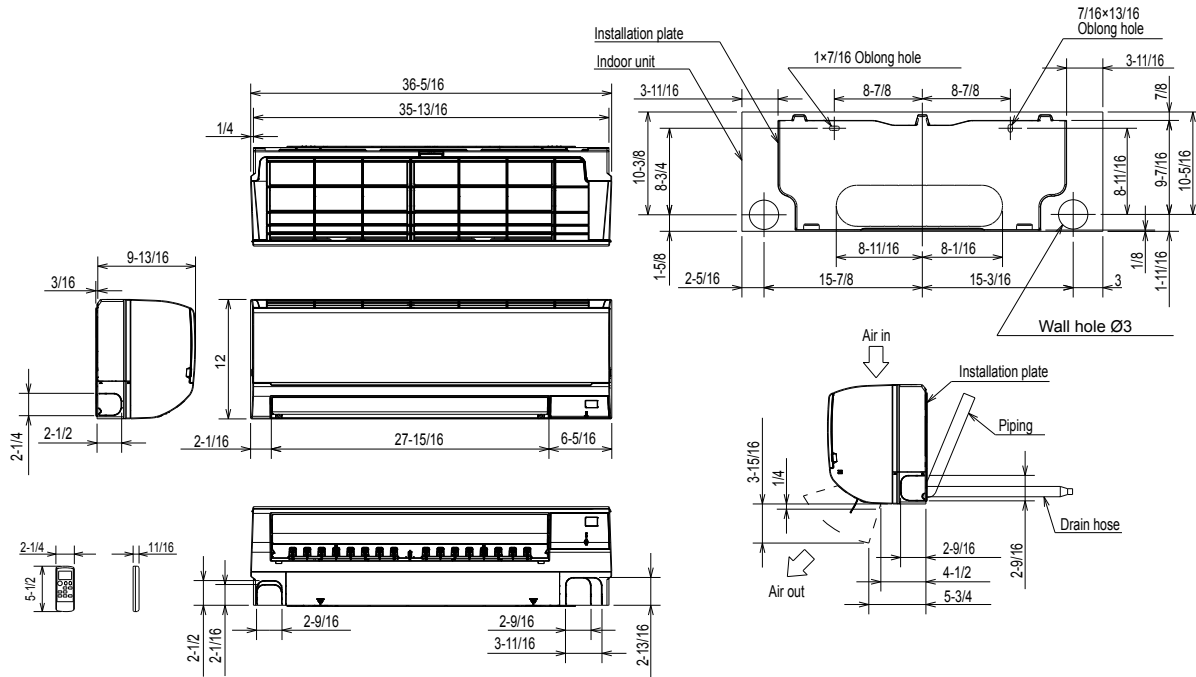
Wired Remote Controller (PAR-40MAA)
 Wireless Controller (MHK2)
 Simple MA Remote Controller (PAC-YT53CRAU-J)
 Thermostat Interface (PAC-US444CN-1)
 System Control Interface (MAC-334IF-E)

Cooling	Rated Capacity (*1)	Btu/h	22,500	
	Capacity Range	Btu/h	5,800 - 22,500	
	Total input (*1)	W	2,575	
	Energy Efficiency	EER / EER2 (*1)		8.6 / 8.6
		SEER / SEER2 (*3)		18.0 / 20.0
Moisture Removal	Pints/h		2.3	
Heating at 47°F	Rated Capacity (*1)	Btu/h	26,000	
	Capacity Range	Btu/h	5,400 - 26,000	
	Total input (*1)	W	2,445	
Heating at 17°F	HSPF(Region IV) (*3)	Btu/h/W	9.0 / 8.5	
	Rated Capacity (*2)	Btu/h	18,500	
	Rated Total input (*2)	W	2,245	
	Maximum Capacity (*2)	Btu/h	18,500	
Power supply	Maximum Total Input (*2)	W	2,245	
	Voltage, Phase, Cycle		208/230V, 1-phase, 60Hz	
Voltage	Indoor - Outdoor S1-S2		AC 208/230V	
	Indoor - Outdoor S2-S3		DC12-24V	
	Indoor - Remote controller		DC12V	
Indoor unit	MCA (*)	A	1.0	
	Fan Motor	F.L.A	0.67	
	Air flow (Lo-Mid-High-Super High)	DRY(CMM)		353-431-530-702
		WET(CMM)		318-388-477-632
	Sound Level CLG (Low-Med-Hi-Super High)	dB (A)		33-38-44-50
	Sound Level HTG (Low-Med-Hi-Super High)	dB (A)		32-38-44-50
	External Finish Color			Munsell 1.0Y 9.2/0.2
	Dimensions	W: in		36-5/16
		D: in		9-13/16
		H: in		12
Weight Unit	lbs		28	
Field Drainpipe O.D.	in		O.D. 5/8	

Outdoor unit	MCA (*)	A	14	
	MOCP (*)	A	15	
	Fan Motor	F.L.A.		0.93
		R.L.A.		10
		L.R.A.		12.5
	Air Flow Cooling (Low-Med-High)	CFM		922-1,742
	Air Flow Heating (Low-Med-High)	CFM		1,372-1,691-1,691
	Refrigerant Control			Linear Expansion Valve
	Defrost Method			Reverse Cycle
	Sound Level (Cooling) (*1)	dB (A)		54
	Sound Level (Heating) (*1)	dB (A)		55
	External Finish Color			Munsell No.3Y 7.8/1.1
	Dimension	W: in		33-1/16
		D: in		13
		H: in		34-5/8
Weight	lbs		121	
Remote Controller	Type		Simple Wireless Remote	
Refrigerant	Type		R410A	
	Charge	lbs, oz	3.9	
Refrigerant Pipe	Oil	Type(Fl.oz.)	FV50S(11.8)	
	Liquid side O.D.	in	3/8	
	Gas side O.D.	in	5/8	
	Height Difference (Max)	ft		50
Connection Method	Length (Max.)	ft	100	
	Indoor/Outdoor		Flared/Flared	
Operation Guarantee	Cooling	°F (°C)	90°F --> 14°F (32°C --> -10°C)	
	Heating	°F (°C)	80°F --> -15°F (26°C --> -20°C)	
Efficiency	COP at 47°F ¹	Rated Capacity	3.07	
	COP at 17°F ²	Maximum Capacity	2.31	
	COP at 5°F	Maximum Capacity	2.05	

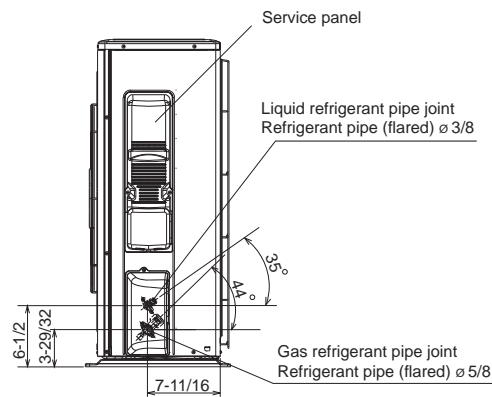
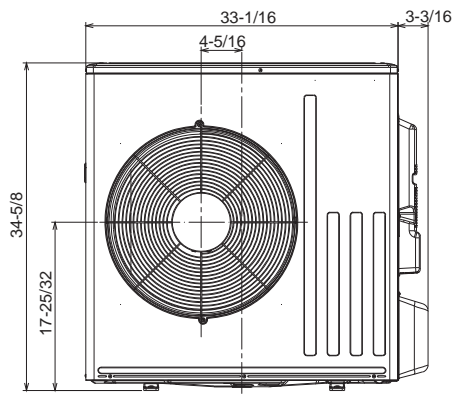
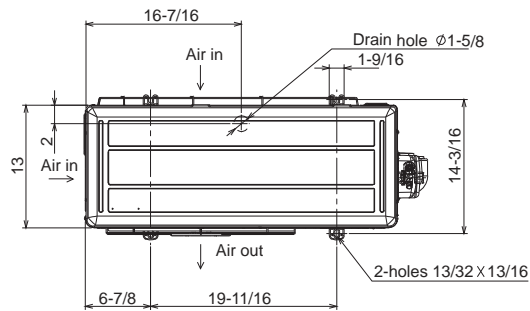
NOTE: Test conditions are based on AHRI 210/240.
 * 1: Rating conditions (Cooling) — Indoor: 80°FDB, 67°FWB, Outdoor: 95°FDB, (75°FWB)
 (Heating) — Indoor: 70°FDB, 60°FWB, Outdoor: 47°FDB, 43°FWB
 * 2: (Heating) — Indoor: 70°FDB, 60°FWB, Outdoor: 17°FDB, 15°FWB

DIMENSIONS: MSZ-HM24NA-U1 & MUZ-HM24NAH-U1



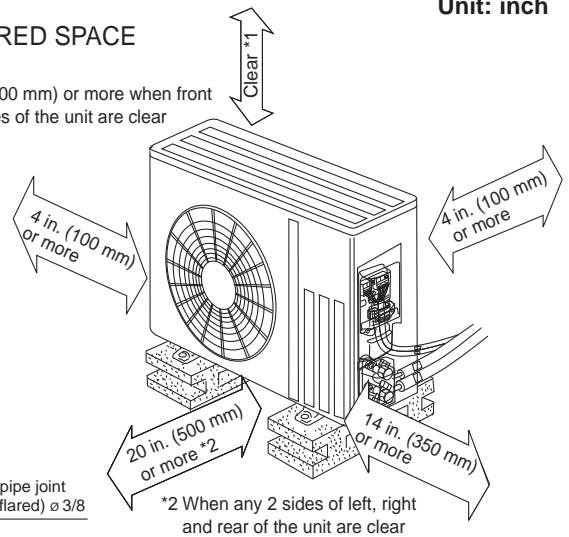
MSZ-HM24NA

Piping	Insulation	Ø2 O.D
	Liquid line	Ø5/16 15-3/8 (Flared connection Ø3/8)
	Gas line	Ø15/32 13-3/8 (Flared connection Ø5/8)
	Drain hose	Insulation Ø1-1/8 Connected part Ø5/8 O.D



REQUIRED SPACE

*1 20 in. (500 mm) or more when front and sides of the unit are clear



Unit: inch

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