

SUBMITTAL DATA: MSZ-JP09WA-(U1)(U2) & MUZ-JP09WA-U1

9,000 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-15-17)
- Anti-allergy Enzyme Filter (MAC-408FT-E)

Controls

- Wired Remote Controller (PAR-41MAA) Wireless Controller (MHK2)
- Simple MA Remote Controller (PAC-YT53CRAU-J)
- Thermostat Interface (RMF-CA200)
- System Control Interface (MAC-334IF-E) Touch MA Controller (PAR-CT01MAU-SB)

Outdoor unit model		MUZ-JP09WA	
Capacity	Cooling *1	Btu/h	9,000 (3,800 - 10,000)
Rated (Minimum-Maximum)	Heating 47 *1	Btu/h	10,900 (4,500 - 11,800)
Capacity	Heating 17 *2	Btu/h	6,700 (7,200)
Rated (Maximum)			
Power consumption	Cooling *1	W	750 (240 - 850)
Rated (Minimum-Maximum)	Heating 47 *1	W	900 (240 - 1,000)
Power consumption	Heating 17 *2	W	700 (780)
Rated (Maximum)			
EER / EER2 *1 [SEER / SEE2] *3	Cooling		12.0 / 12.0 [17.0 / 20.0]
HSPF / [HSPF2 IV / V] *4	Heating		9.0 / [10.0 / 8.6]
COP	Heating *1		3.55
Power factor	Cooling	%	93
	Heating	%	94
Power supply	V, phase, HZ	A	115, 1, 60

Indoor unit

Indoor unit	MCA (*)	A	1.4	
	Fan Motor	F.L.A	1.07	
	Air flow	CLG DRY(CFM)	170 - 237 - 321 - 399	
		CLG WET(CFM)	134 - 201 - 286 - 364	
	Moisture removal	pt./h	1.5	
	Sound Level CLG	(Low-Med-Hi-Super High)	dB (A)	22 - 30 - 37 - 43
		Sound Level HTG	(Low-Med-Hi-Super High)	dB (A)
	External Finish Color		Munsell 1.0Y 9.2/0.2	
	Dimensions	W: in	31-7/16	
		D: in	9-1/8	
		H: in	11-5/8	
	Weight Unit	lbs	22	
Field Drainpipe O.D.	in	5/8		

Outdoor unit

Max. fuse size (time delay) (*)	A	15	
Min. circuit ampacity (*)	A	12	
Fan motor	F.L.A	0.7	
Compressor	Model	KNB073FRXMC	
	R.L.A	8.8	
	L.R.A	11	
	Refrigeration oil	fl oz. (L) (Model)	9.1 (0.27) (FV50S)
Refrigerant control		Linear expansion valve	
Sound level *1	Cooling	dB(A)	46
	Heating	dB(A)	50
Airflow	Cooling	CFM	1,105 - 1,105 - 1,063
	Heating	CFM	1,282 - 1,105 - 1,105
High - Med. - Low	Cooling	rpm	770 - 770 - 740
High - Med. - Low	Heating	rpm	890 - 770 - 770
Defrost method			Reverse cycle
Dimensions	W	in.	31-1/2
	D	in.	11-1/4
	H	in.	21-5/8
Weight	lb.	73	
External finish		Munsell 3Y 7.8/1.1	
Refrigerant piping		Not supplied	
Refrigerant pipe size	Liquid	in.	1/4
	Gas	in.	3/8
Connection method	Indoor		Flared
	Outdoor		Flared
Between the indoor & outdoor units	Height difference	ft.	40
	Piping length	ft.	65
Refrigerant charge (R410A)			1 lb. 12 oz.

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

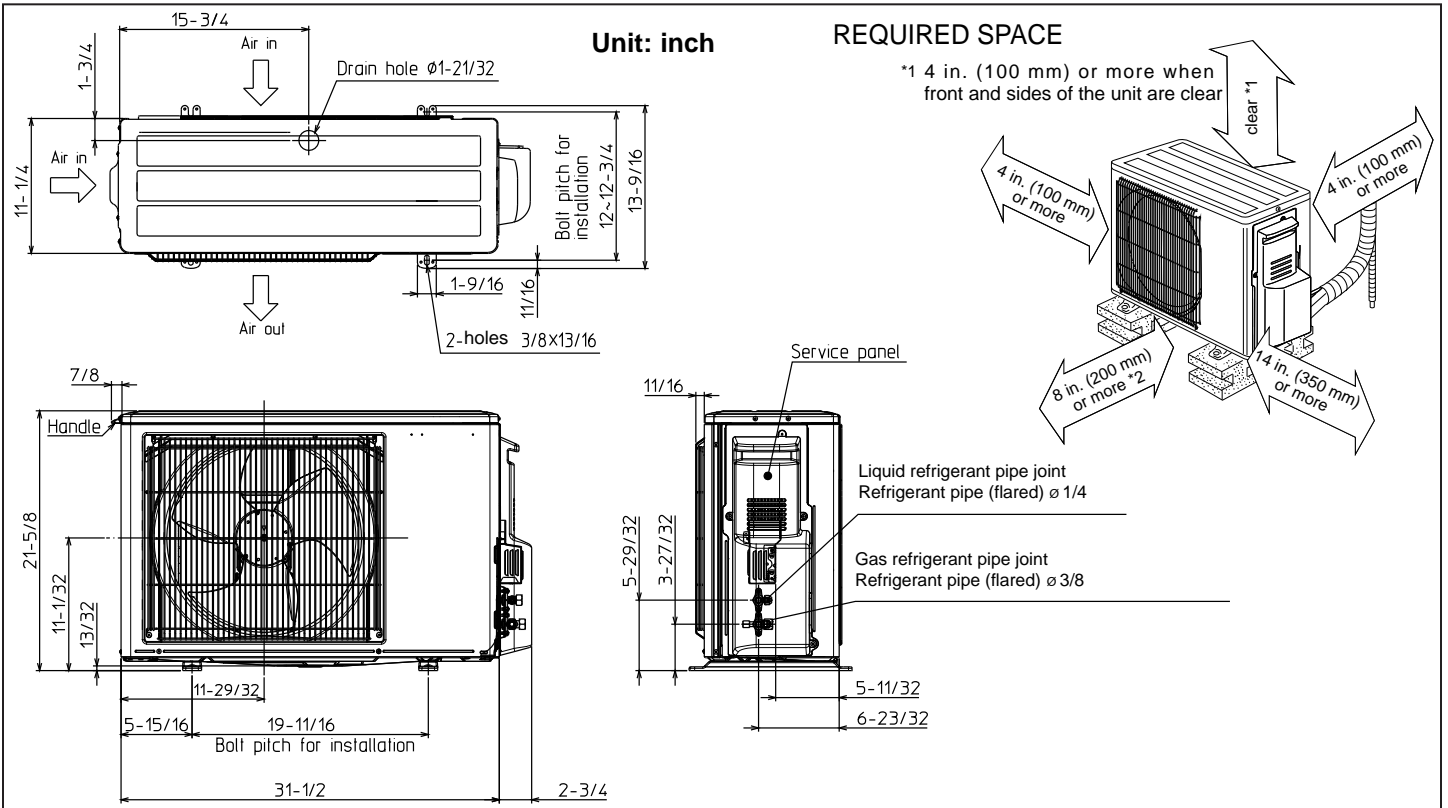
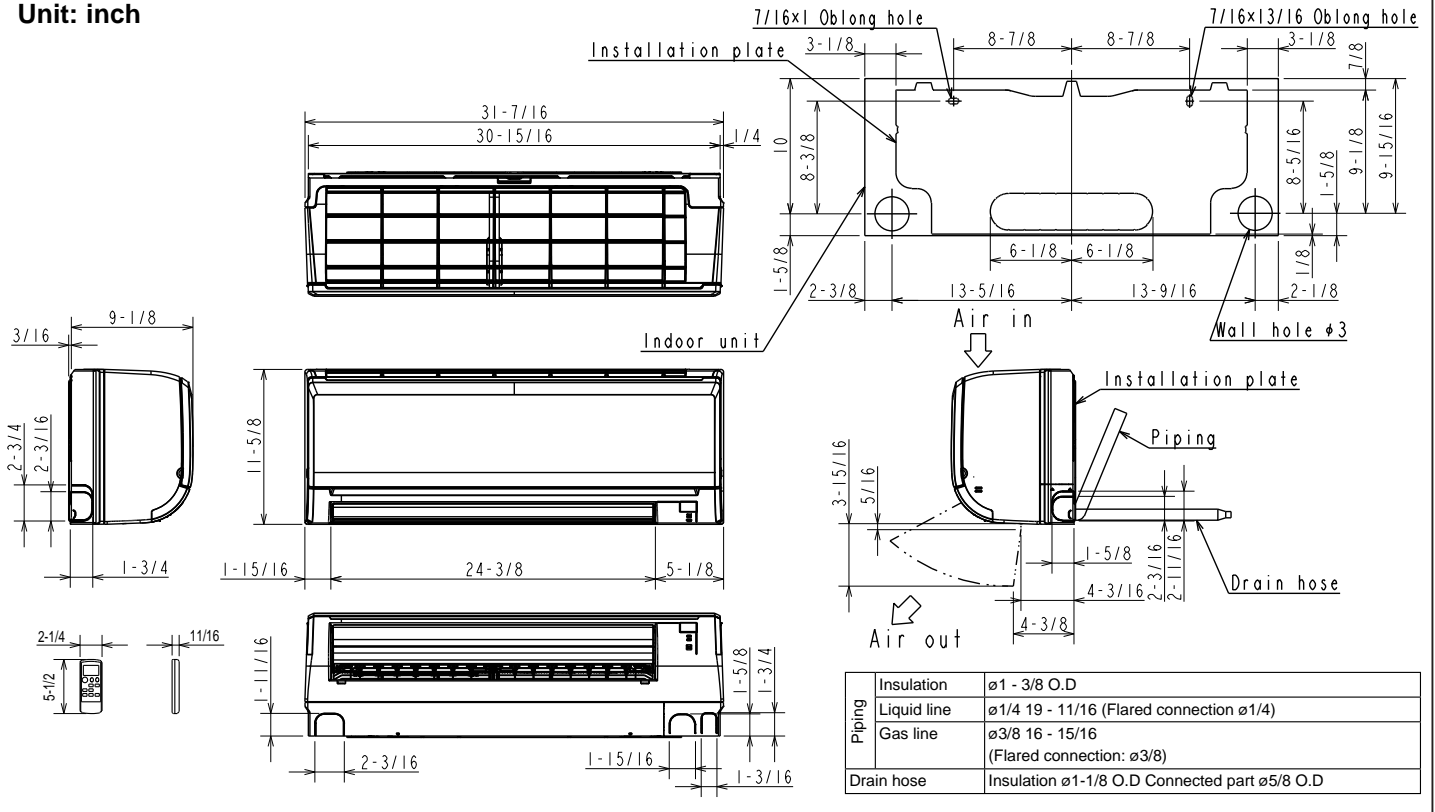
ARI	Mode	Test	Indoor air condition (°F)		Outdoor air condition (°F)	
			Dry bulb	Wet bulb	Dry bulb	Wet bulb
SEER (Cooling)		*A-2* Cooling steady state at rated compressor speed	80	67	95	(75)
		B-2 Cooling steady state at rated compressor speed	80	67	82	(65)
		B-1 Cooling steady state at minimum compressor speed	80	67	82	(65)
		F-1 Cooling steady state at minimum compressor speed	80	67	67	(53.5)
		E-V Cooling steady state at intermediate compressor speed †5	80	67	87	(69)
HSPF (Heating)		*H1-2* Heating steady state at rated compressor speed	70	60	47	43
		H3-2 Heating at rated compressor speed	70	60	17	15
		H0-1 Heating steady state at minimum compressor speed	70	60	62	56.5
		H1-1 Heating steady state at minimum compressor speed	70	60	47	43
		H2-V Heating at intermediate compressor speed †5	70	60	35	33

 †5: at intermediate compressor speed
 = ("Rated compressor speed" - "minimum compressor speed") / 3 + "minimum compressor speed".

Specifications are subject to change without notice

DIMENSIONS: MSZ-JP09WA-(U1)(U2) & MUZ-JP09WA-U1

Unit: inch



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