

## SUBMITTAL DATA: MSZ-JP12WA-(U1)(U2) & MUZ-JP12WA-U1

12,000 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-JP12WA	
Capacity	Cooling *1	Btu/h	12,000 ( 3,800 - 12,200 )
Rated (Minimum-Maximum)	Heating 47 *1	Btu/h	12,200 ( 4,500 - 14,500 )
Capacity	Heating 17 *2	Btu/h	7,600 (9,000)
Rated (Maximum)			
Power consumption	Cooling *1	W	1,210 (240 - 1,300)
Rated (Minimum-Maximum)	Heating 47 *1	W	990 (240 - 1,220)
Power consumption	Heating 17 *2	W	800 (990)
Rated (Maximum)			
EER / EER2 *1[SEER / SEER2] *3	Cooling		9.9 / 9.9 [ 17.0 / 20.0 ]
HSPF / [ HSPF2 IV / V ] *4	Heating		9.0 [ 9.2 / 7.3 ]
COP	Heating *1		3.61
Power factor	Cooling	%	93
	Heating	%	94
Power supply	V , phase , Hz		115,1, 60

**Indoor unit**

Indoor unit	MCA (*)	A	1.4
	Fan Motor	F.L.A	1.07
	Air low (Lo-Mid-High-Super High)	CLG DRY(CFM)	170 - 237 - 321 - 399
		CLG WET(CFM)	134 - 201 - 286 - 364
	Moisture removal	pt/h	2.5
	Sound Level CLG (Low-Med-Hi-Super High)	dB (A)	22 - 30 - 37 - 45
	Sound Level HTG (Low-Med-Hi-Super High)	dB (A)	22 - 37 - 30 - 43
	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	20
Min. circuit ampacity (*)		A	14
Fan motor	F.L.A	A	0.7
Compressor	Model		KNB073FRXMC
	R.L.A	A	10.4
	L.R.A	A	13
	Refrigeration oil	fl oz. (L) (Model)	
Refrigerant control			Linear expansion valve
Sound level *1	Cooling	dB(A)	49
	Heating	dB(A)	51
Airflow	Cooling	CFM	1,105 - 1,105 - 1,063
	Heating	CFM	1,282 - 1,105 - 1,105
Fan speed	Cooling	rpm	770 - 770 - 740
	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 (Min. wall thickness)	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

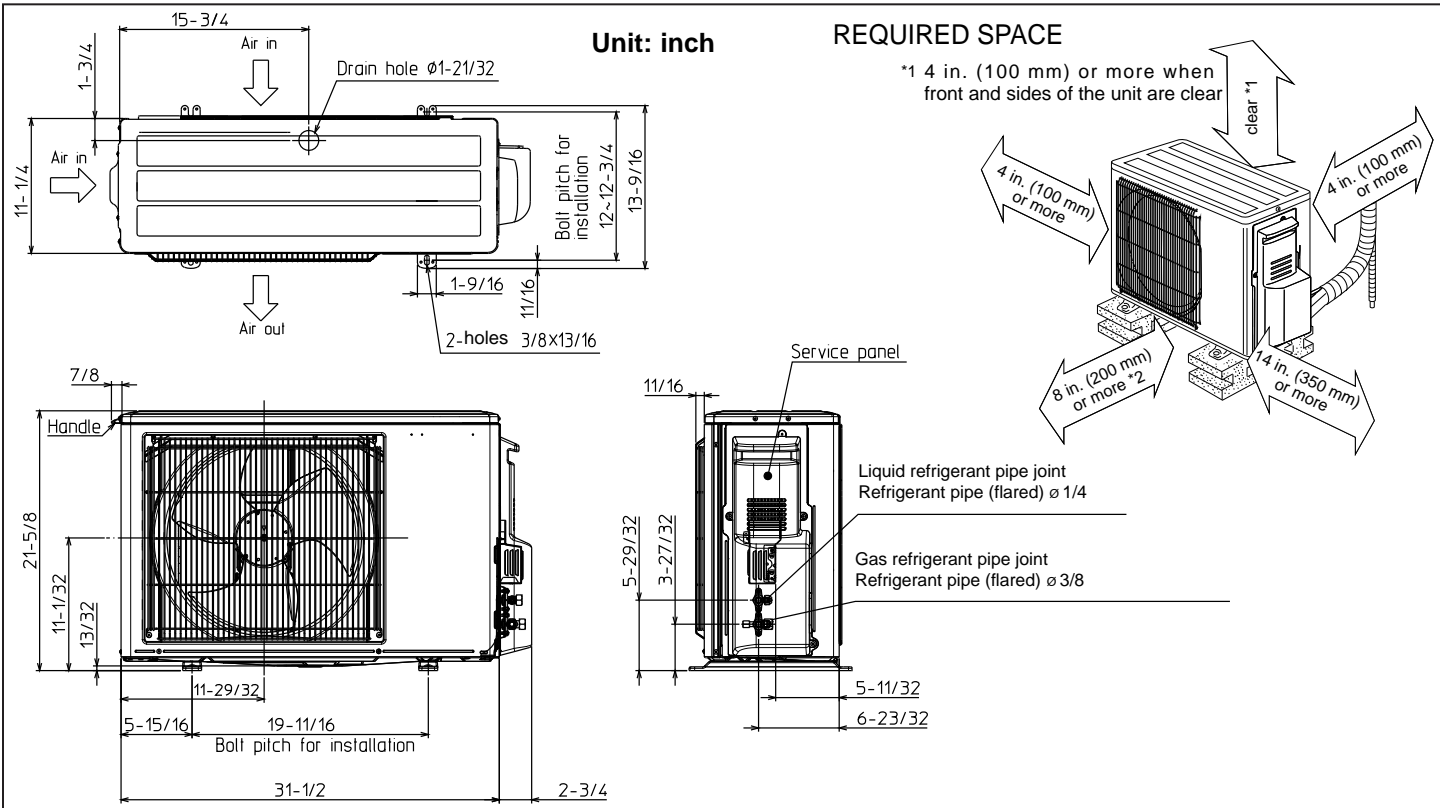
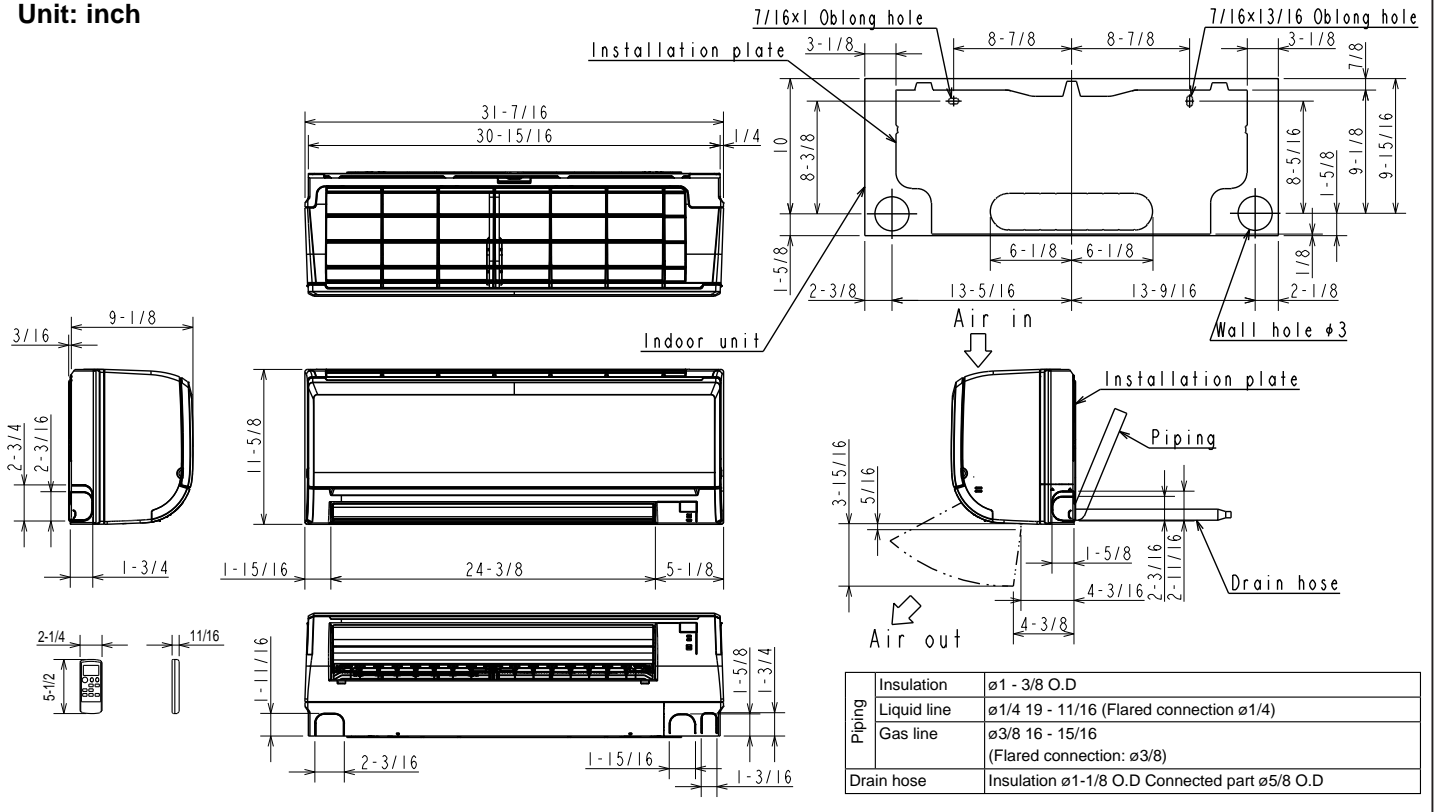
ARI	Mode	Test	Indoor air condition (*F)		Outdoor air condition (*F)	
			Dry bulb	Wet bulb	Dry bulb	Wet bulb
SEER (Cooling)		*A-2* Cooling steady state at rated compressor speed	80	67	95	(75)
		*B-2* Cooling steady state at rated compressor speed	80	67	82	(65)
		*B-1* Cooling steady state at minimum compressor 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-JP12WA-(U1)(U2) & MUZ-JP12WA-U1

**Unit: inch**



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