

SUBMITTAL DATA: PEAD-A12AA(7)(8) & SUZ-KA12NAH2

12,000 BTU/H Horizontal-Ducted 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:

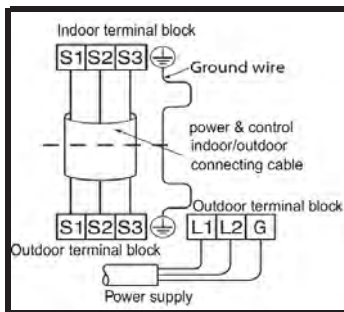
- Windscreens (ME-FR-15-17)
- External Fan/Heater Control Adapter (PAC-YU25HT-G)
- Cable connector of Remote Sensor (PAC-SA88HA-EP)*
- *Allows control of several units with multiple remote control display

Optional Controls

- Wireless Controller (MHK2)
- Wired Remote Controller (PAR-40MAA)
- Simple MA Remote Controller (PAC-YT53CRAU-J)
- Thermostat Interface (PAC-US444CN-1)
- System Control Interface (MAC-334IF-E)
- Wireless Remote (PAR-FL32MA-E) (Requires PAR-FA32MA-E)
- Remote Temperature Sensor (PAC-SE41TS-E)

	Cooling	D.B. 35°C(95°F), W.B. 21.7°C(71°F)	D.B. 48°C(115°F)	D.B. 23.9°C(75°F)
	Heating	D.B. 19.4°C(67°F), W.B. 13.9°C(67°F)	D.B. -10°C(14°F)	D.B. 6.1°C(43°F)
		D.B. 26.7°C(80°F), W.B. 19.4°C(67°F)	D.B. 24°C(75°F), W.B. 18°C(65°F)	D.B. 8.3°C(47°F), W.B. 6.1°C(43°F)
		D.B. 21.1°C(70°F), W.B. 15.6°C(60°F)	D.B. -20°C(-4°F), W.B. -21°C(-5°F)	D.B. -8.3°C(17°F), W.B. -9.4°C(15°F)

NOTES: *1. Raining conditions (cooling)-Indoor: D.B. 26.7°C(80°F), W.B. 19.4°C(67°F)
 (heating)-Indoor: D.B. 21.1°C(70°F), W.B. 15.6°C(60°F)
 *2. Raining conditions (heating)-Indoor: D.B. 21.1°C(70°F), W.B. 15.6°C(60°F)



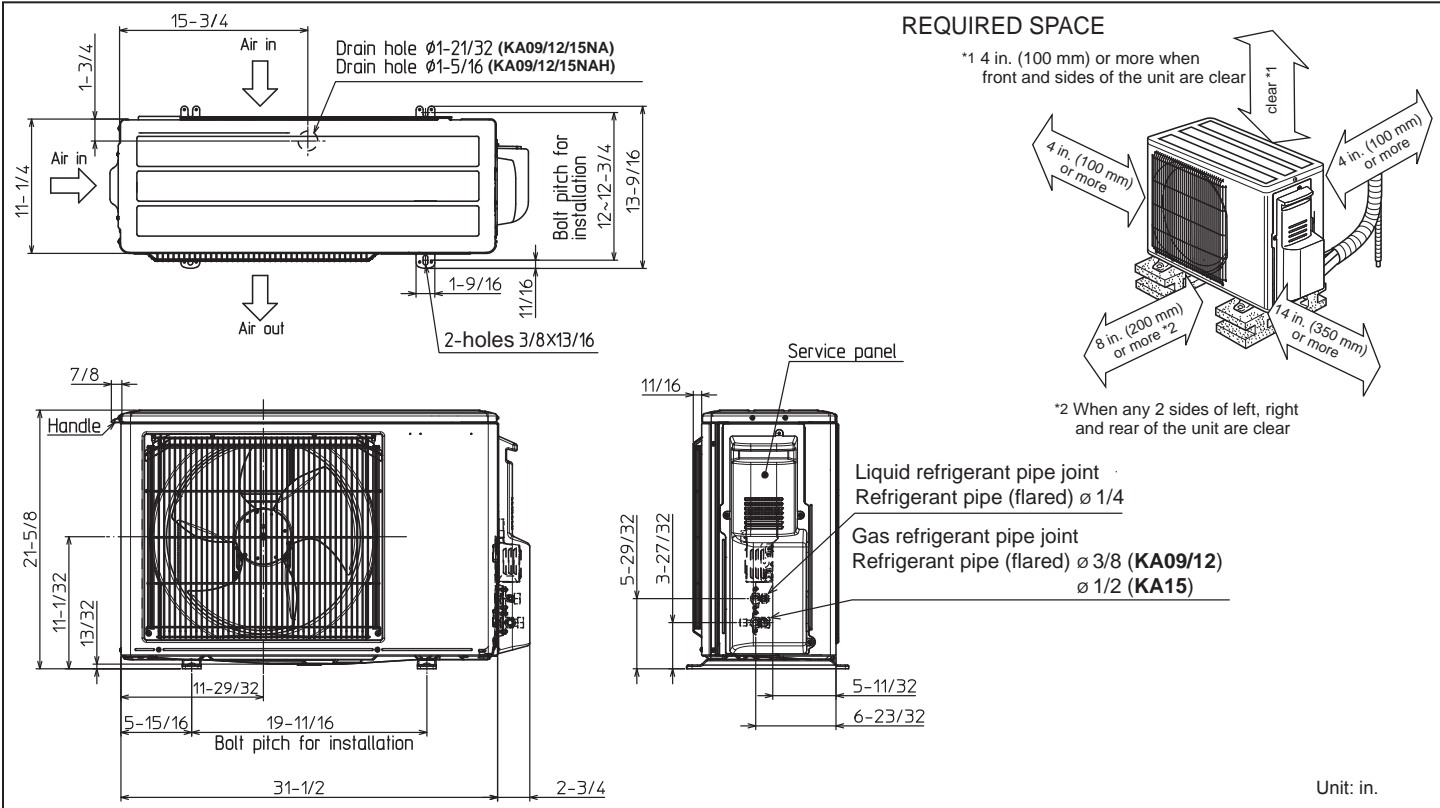
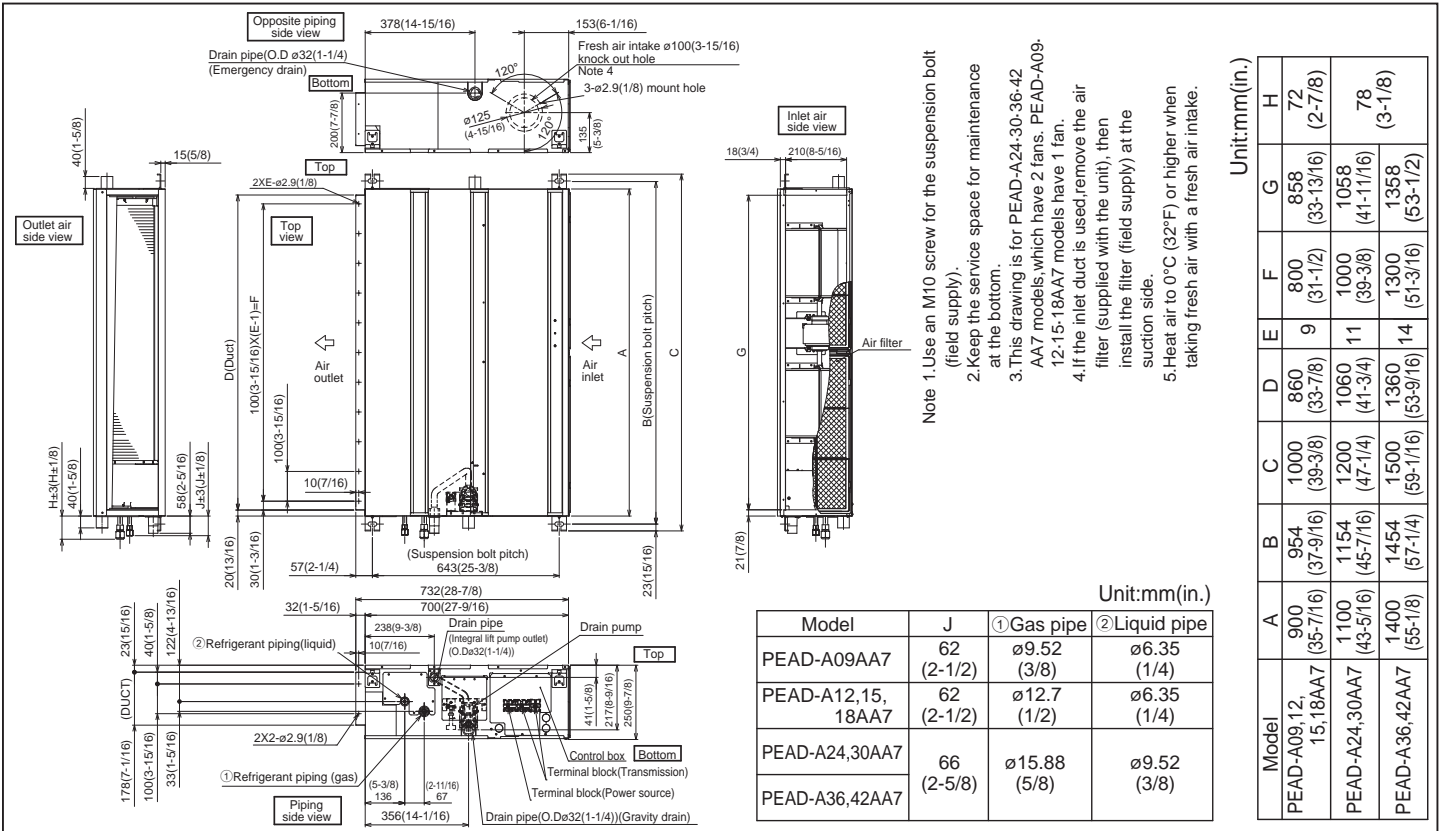
Cooling	Rated Capacity	Btu/h	12000	
	Capacity Range	Btu/h	4400-12000	
	Total input	W	930	
		EER	12.9	
	Energy Efficiency	SEER	20.5	
	Moisture Removal	Pints/h	1.1	
	Sensible Heat Factor		0.9	
	Heating at 47°F	Rated Capacity	Btu/h	15000
		Capacity Range	Btu/h	4800-17000
		Total input	W	1160
HSPF(Region IV)		Btu/h/W	13.0(12.4)	
Heating at 17°F	Rated Capacity	Btu/h	9900	
	Rated Total input	W	1070(1200)	
	Maximum Capacity	Btu/h	9900	
	Maximum Total Input	W	1070(1200)	
Power supply	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	1.45	
	Fan Motor	F.L.A	1.16	
	Fan Motor Output	W	85	
		DRY(CFM)	353-424-494	
	Air flow (Lo-Mid-Hi)	WET(CFM)	318-382-445	
	External Static Pressure	in WG	0.14-0.20-0.28-0.40-0.60	
	Sound Pressure Level (Lo-Mid-Hi)	dB (A)	28-30-34	
	External Finish Color		Galvanized Sheets	
	Dimensions	W: in		35-7/16
		D: in		28-7/8
		H: in		9-7/8
	Weight Unit	lbs		58
Field Drainpipe O.D.	in		O.D. 1-1/4	
Refrigerant pipe Gas	in		1/2	
Refrigerant pipe Liquid	in		1/4	

Outdoor unit	MCA (*)	A	9	
	MOCP (*)	A	16	
	Fan Motor	F.L.A.	0.5	
	Compressor	Model(Type)		DC INVERTER-driven Twin Rotary
			R.L.A.	6.6
			L.R.A.	8.2
	Air flow (Cooling/Heating)	CFM		(1,229/1,172)
	Refrigerant Control			Linear Expansion Valve
	Defrost Method			Reverse Cycle
	SPL (Cooling)	dB (A)		49
	SPL (Heating)	dB (A)		51
	External Finish Color			Munsell No.3Y 7.8/1.1
	Dimension	W: in		31-1/2
		D: in		11-1/4
		H: in		21-5/8
Weight	lbs		81	
Remote Controller	Type		Wired Remote Controller	
Refrigerant	Type		R410A	
	Charge	lbs, oz	2.9	
	Oil	Type(Fl.oz.)		FV50S(11.8)
Refrigerant Pipe	Gas side O.D.	in	3/8	
	Liquid side O.D.	in	1/4	
	Height Difference (Max)	ft		40
	Length (Max.)	ft		65
Connection Method	Indoor/Outdoor		Flared/Flared	
Operation Guarantee	Cooling	°F	14 - 115	
	Heating	°F	-4 - 75	

Note: Mitsubishi Electric (MESCA) supports the use of only MESCA supplied and approved accessories for proper functioning of the unit(s). Use of non-MESCA supported accessories will affect warranty coverage.

*All electrical work shall comply with National (NEC) and local codes and regulations. Should this document be altered or changed without MESCA's permission, it becomes null and void. MESCA assumes no responsibility for any consequences in such cases.

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