

SUBMITTAL DATA: PEAD-A30AA(7)(8) & SUZ-KA30NAH2
30,000 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.:	



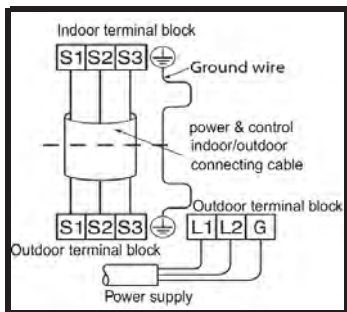
ACCESSORIES:

- Windscreens (ME-FR-24)
- 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

Optinal 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)

Operating range	Indoor: D.B. 26.7°C(80°F), W.B. 19.4°C(67°F)		Outdoor: D.B. 35°C(95°F), W.B. 23.9°C(75°F)	
	Maximum	Minimum	Maximum	Minimum
Cooling	D.B. 35°C(95°F), W.B. 21.7°C(71°F)	D.B. 18°C(64°F), W.B. 15.6°C(60°F)	D.B. 46°C(115°F)	D.B. 4°C(39°F)
Heating	D.B. 26.7°C(80°F), W.B. 19.4°C(67°F)	D.B. 18°C(64°F), W.B. 15.6°C(60°F)	D.B. 24°C(75°F), W.B. 18°C(65°F)	D.B. -10°C(14°F), W.B. -11°C(12°F)



Specifications are subject to change without notice

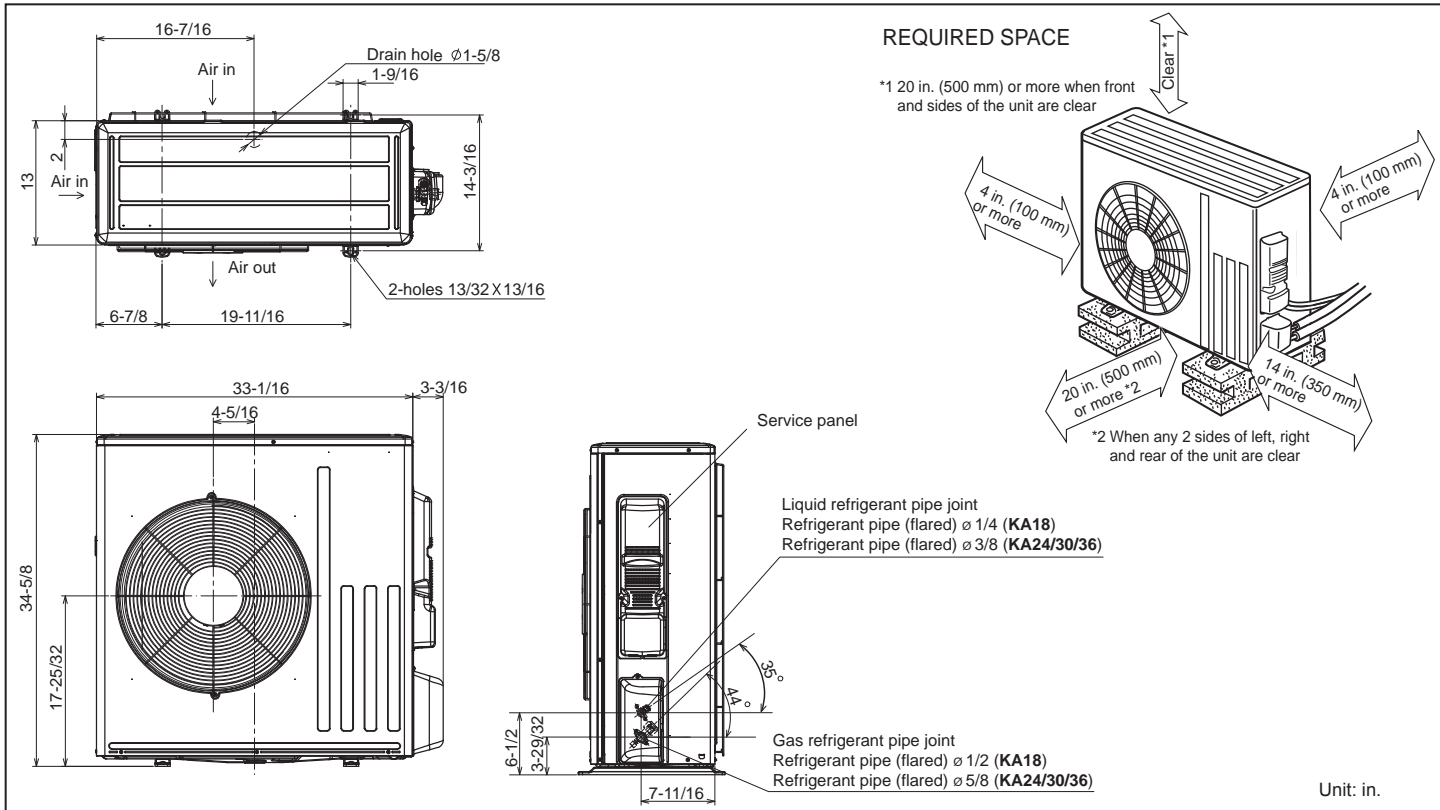
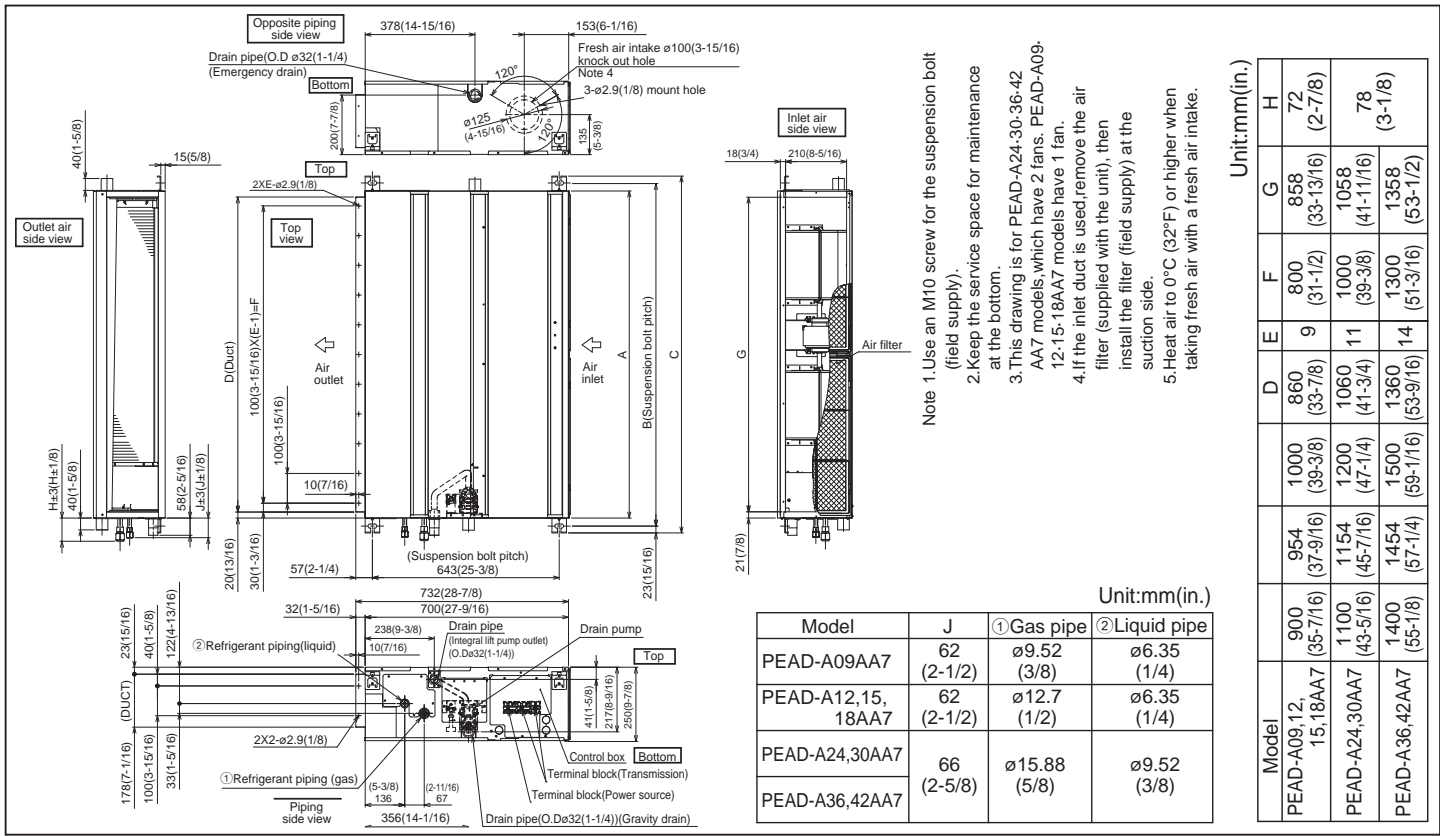
Cooling	Rated Capacity	Btu/h	27000
	Capacity Range	Btu/h	13200-27000
	Total input	W	2160
	Energy Efficiency	EER	12.5
		SEER	18
	Moisture Removal	Pints/h	3.9
	Sensible Heat Factor		0.84
Heating at 47°F	Rated Capacity	Btu/h	30000
	Capacity Range	Btu/h	15860-33000
	Total input	W	2410
	HSPF(Region IV)	Btu/h/W	12.6(12.4)
Heating at 17°F	Rated Capacity	Btu/h	22400
	Rated Total input	W	1920(2040)
	Maximum Capacity	Btu/h	22400
	Maximum Total Input	W	1920(2040)
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	2.73
	Fan Motor	F.L.A.	2.18
	Fan Motor Output	W	121
	Air flow (Lo-Mid-Hi)	DRY(CFM)	618-742-883
		WET(CFM)	556-668-795
	External Static Pressure	in WG	0.14-0.20-0.28-0.40-0.60
	Sound Pressure Level (Lo-Mid-Hi)	dB (A)	30-34-39
	External Finish Color		Galvanized Sheets
	Dimensions	W: in	43-5/16
		D: in	28-7/8
		H: in	9-7/8
Weight Unit	lbs	69	
Field Drainpipe O.D.	in	O.D. 1-1/4	
Refrigerant pipe Gas	in	5/8	
Refrigerant pipe Liquid	in	3/8	

Outdoor unit	MCA (*)	A	17
	MOCP (*)	A	31
	Fan Motor	F.L.A.	1
	Compressor	Model(Type)	DC INVERTER-driven Twin Rotary
		R.L.A.	13
		L.R.A.	16
	Air flow (Cooling/Heating)	CFM	(2,020/1,930)
	Refrigerant Control		Linear Expansion Valve
	Defrost Method		Reverse Cycle
	SPL (Cooling)	dB (A)	55
	SPL (Heating)	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	129	
Remote Controller	Type	Wired Remote Controller	
Refrigerant	Type	R410A	
	Charge	lbs, oz	4,14
Refrigerant Pipe	Oil	Type(Fl.oz.)	FV50S(15.6)
	Gas side O.D.	in	5/8
	Liquid side O.D.	in	3/8
	Height Difference (Max)	ft	100
Connection Method	Length (Max.)	ft	100
	Indoor/Outdoor		Flared/Flared
Operation Guarantee	Cooling	°F	14 - 115
	Heating	°F	14 - 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.

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