

SUBMITTAL DATA: PEAD-A12AA7 & SUZ-KA12NAH2

12,000 BTU/H Horizontal-Ducted HEAT PUMP SYSTEM

Job Name:	Location:	Date:
Purchaser:	Engineer:	
Submitted to:	For ☐ Reference ☐ Approval ☐ Construction	
System Designation:	Schedule No.:	



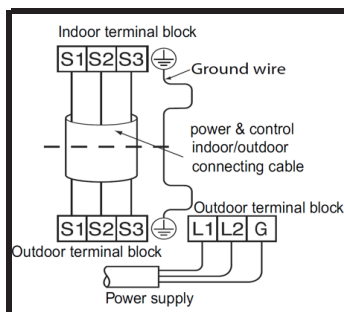
ACCESSORIES:

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 (MHK1)
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		Outdoor: : D.B. 35°C(95°F), W.B. 23.9°C(75°F) Outdoor: : D.B. 8.3°C(47°F), W.B. 6.1°C(43°F) Outdoor: : D.B. -8.3°C(17°F), W.B. -9.4°C(15°F)
Cooling	Maximum	Outdoor: : D.B. 35°C(95°F), W.B. 21.7°C(71°F) Outdoor: : D.B. 19.4°C(67°F), W.B. 13.9°C(57°F) Outdoor: : D.B. 19.4°C(67°F), W.B. 13.9°C(57°F)
	Minimum	Outdoor: : D.B. 26.7°C(80°F), W.B. 19.4°C(67°F) Outdoor: : D.B. 21.1°C(70°F), W.B. 15.6°C(60°F)
Heating	Maximum	Outdoor: : D.B. 35°C(95°F), W.B. 21.7°C(71°F) Outdoor: : D.B. 19.4°C(67°F), W.B. 13.9°C(57°F) Outdoor: : D.B. 19.4°C(67°F), W.B. 13.9°C(57°F)
	Minimum	Outdoor: : D.B. 26.7°C(80°F), W.B. 19.4°C(67°F) Outdoor: : D.B. 21.1°C(70°F), W.B. 15.6°C(60°F)



Specifications are subject to change without notice

Cooling	Rated Capacity	Btu/h	12000
	Capacity Range	Btu/h	4400-12000
	Total input	W	930
	Energy Efficiency	EER	12.9
	Moisture Removal	Pints/h	20.5
	Sensible Heat Factor		1.1
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 low (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
Outdoor unit	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
Remote Controller	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
Refrigerant	Type		Wired Remote Controller
	Charge	lbs, oz	R410A
	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

DIMENSIONS: PEAD-A12AA7 & SUZ-KA12NAH2

