

SUBMITTAL DATA: PEAD-A09AA7 & SUZ-KA09NAH2

9,000 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

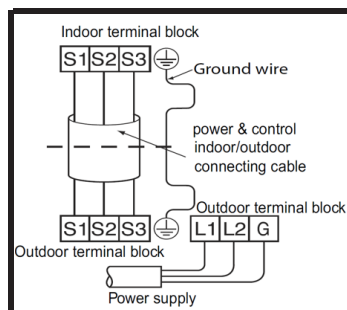
Optional Controls

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	Cooling		Heating	
	Maximum	Minimum	Maximum	Minimum
Indoor intake air temperature		Outdoor intake air temperature		
D.B. 35°C(95°F), W.B. 21.7°C(71°F)		D.B. 46°C(115°F)		
D.B. 19.4°C(67°F), W.B. 13.9°C(57°F)		D.B. 30°C(86°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. 21.1°C(70°F), W.B. 15.6°C(60°F)		D.B. 20°C(68°F), W.B. 21°C(69°F)		

*2. Rating conditions

Notes: *1. Rating 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. Rating conditions (heating): indoor: D.B. 21.1°C(70°F), W.B. 15.6°C(60°F)
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	Rated Capacity	Btu/h	9000
	Capacity Range	Btu/h	4300-9000
	Total input	W	720
	EER		12.5
	Energy Efficiency	SEER	19.7
	Moisture Removal	Pints/h	0.8
Heating at 47°F	Sensible Heat Factor		0.9
	Rated Capacity	Btu/h	12000
	Capacity Range	Btu/h	3960-13000
	Total input	W	900
	HSPF(Region IV)	Btu/h/W	12.6(11.9)
	Rated Capacity	Btu/h	7600
Heating at 17°F	Rated Total input	W	880(1010)
	Maximum Capacity	Btu/h	7600
	Maximum Total Input	W	880(1010)
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)	282-318-353
	Air flow (Lo-Mid-Hi)	WET(CFM)	254-286-318
	External Static Pressure	in WG	0.14-0.20-0.28-0.40-0.60
	Sound Pressure Level (Lo-Mid-Hi)	dB (A)	24-26-28
	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	3/8
	Refrigerant pipe Liquid	in	1/4

Outdoor unit	MCA (*)	A	9
	MOCP (*)	A	15
	Fan Motor	F.L.A.	0.5
	Compressor	Model(Type)	DC INVERTER-driven
		R.L.A.	6.2
		L.R.A.	7.7
	Air flow (Cooling/Heating)	CFM	(1,229/1,172)
	Refrigerant Control		Linear Expansion Valve
	Defrost Method		Reverse Cycle
	SPL (Cooling)	dB (A)	48
	SPL (Heating)	dB (A)	50
	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
Remote Controller	Type		Wired Remote Controller
Refrigerant	Type		R410A
	Charge	lbs, oz	2.5
Refrigerant Pipe	Oil	Type(Fl.oz.)	FV50S(9.1)
	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-A09AA7 & SUZ-KA09NAH2

