

SUBMITTAL DATA: PEAD-A30AA7 & SUZ-KA30NAH2

30,000 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-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

Optimal Controls

Wireless Controller (MHK1)

Wired Remote Controller (PAR-40MAA)

Simple MA Remote Controller (PAC-YT53CRAU-J)

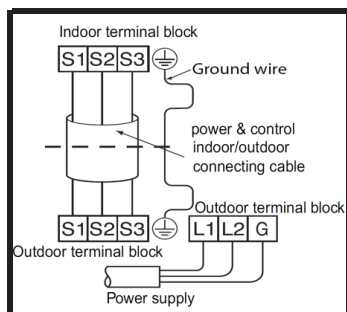
Thermostat Interface (PAC-US444CN-1)

System Control Interface (MAC-334IF-E)

Wireless Remote (PAR-FL32MA-E) (Requires PAR-FA32MA-E)

Remote Temperature Sensor (PAC-SE41TS-E)

Operating range	Indoor intake air temperature	Outdoor intake air temperature (SUZ-KA21RA(H)2 Th)	Outdoor intake air temperature (SUZ-KA230-36HA(H)2 Th)
Cooling	Maximum	D.B. 35°C(95°F), W.B. 21.7°C(71°F)	D.B. 46°C(115°F)
	Minimum	D.B. 19.4°C(67°F), W.B. 13.9°C(57°F)	D.B. -10°C(14°F)
	Minimum	D.B. 26.7°C(80°F), W.B. 19.4°C(67°F)	D.B. -10°C(14°F)
Heating	Maximum	D.B. 21.1°C(70°F), W.B. 15.6°C(60°F)	D.B. 24°C(75°F), W.B. 18°C(65°F)
	Minimum	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)
	Minimum	D.B. 21.1°C(70°F), W.B. 15.6°C(60°F)	D.B. -10°C(14°F), W.B. -11°C(12°F)



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)

on road

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 fow (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 fow (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
	Oil	Type(Fl.oz.)	FV50S(15.6)
Refrigerant Pipe	Gas side O.D.	in	5/8
	Liquid side O.D.	in	3/8
	Height Difference (Max)	ft	100
	Length (Max.)	ft	100
Connection Method	Indoor/Outdoor	Flared/Flared	
Operation Guarantee	Cooling	°F	14 - 115
	Heating	°F	14 - 75

***All electrical work shall comply with National (CEC) and local codes and regulations.**

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