

SUBMITTAL DATA: PEAD-A36AA7 & SUZ-KA36NAH2

36,000 BTU/H Horizontal-Ducted HEAT PUMP SYSTEM

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



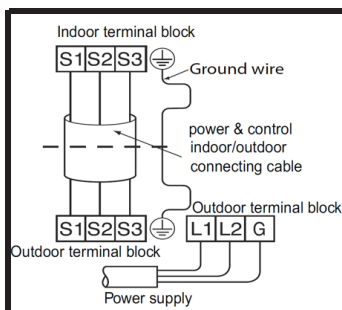
ACCESSORIES:

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

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		Indoor indoor air temperature		Outdoor indoor air temperature	
Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Cooling	D.B. 35°C(95°F)	D.B. 21.7°C(71°F)	D.B. 35°C(95°F)	D.B. 46°C(115°F)	D.B. 46°C(115°F)
Heating	D.B. 13.4°C(56°F)	D.B. 13.9°C(57°F)	D.B. 10°C(50°F)	D.B. 10°C(50°F)	D.B. 10°C(50°F)
	D.B. 21.1°C(70°F)	D.B. 15.6°C(60°F)	D.B. 20.3°C(68°F)	D.B. 20.3°C(68°F)	D.B. 20.3°C(68°F)



Specifications are subject to change without notice

Cooling	Rated Capacity	Btu/h	33000
	Capacity Range	Btu/h	14000-33000
	Total input	W	3510
	EER		9.4
	Energy Efficiency	SEER	16
	Moisture Removal	Pints/h	4.8
Heating at 47°F	Sensible Heat Factor		0.84
	Rated Capacity	Btu/h	33400
	Capacity Range	Btu/h	14750-36000
	Total input	W	3170
	HSPF(Region IV)	Btu/h/W	11.6(11.5)
	Rated Capacity	Btu/h	23100
Heating at 17°F	Rated Total input	W	2830(2950)
	Maximum Capacity	Btu/h	23100
	Maximum Total Input	W	2830(2950)
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	3.3
	Fan Motor	F.L.A.	2.64
	Fan Motor Output	W	244
		DRY(CFM)	847-1024-1201
	Air flow (Lo-Mid-Hi)	WET(CFM)	762-922-1081
	External Static Pressure	in WG	0.14-0.20-0.28-0.40-0.60
	Sound Pressure Level (Lo-Mid-Hi)	dB (A)	33-38-42
	External Finish Color		Galvanized Sheets
	Dimensions	W: in	55-1/8
		D: in	28-7/8
		H: in	9-7/8
	Weight Unit	lbs	86
	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
Remote Controller	Weight	lbs	129
	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
	Length (Max.)	ft	100
Connection Method	Indoor/Outdoor		Flared/Flared
Operation Guarantee	Cooling	°F	14 - 115
	Heating	°F	14 - 75

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