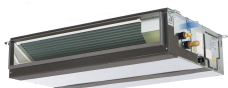


PEAD-A09AA7 & SUZ-KA09NAHZ

9,000 Btu/h Horizontal Ducted Heat Pump

Job Name:	Location:	Date:
Purchaser:	Submitted by:	
Submitted to:	Reference	Approval
System Designation:	Schedule Number #:	
Engineer:		



Energy Efficiency	SEER	17.8
	EER	13.8
	HSPF	10.8

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)
- System Control Interface (MAC-334IF-E)
- Wireless Remote (PAR-FL32MA-E) (Requires PAR-FA32MA-E)
- Remote Temperature Sensor (PAC-SE41TS-E)

Indoor unit	MCA (*)	A	1.45
	Fan Motor	F.L.A	1.16
	Fan Motor Output	W	85
	Air flow (Lo-Mid-Hi)	DRY(CFM)	282-318-353
		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
	Moisture Removal	Pints/h	1.4
	Sensible Heat Factor		0.82

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Outdoor unit	MCA (*)	A	14
	MOCP (*) (Breaker)	A	24 (15)
	Fan Motor	F.L.A.	0.67
	Compressor	Model(Type)	DC INVERTER-Driven Twin Rotary
		R.L.A.	10
		L.R.A.	12.5
	Air flow (Cooling/Heating)	CFM	(1,691/1,691)
	Refrigerant Control	Linear Expansion Valve	
	Defrost Method	Reverse Cycle	
	SPL (Cooling)	dB (A)	54
	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	3,9
	Oil	Type(Fl.oz.)	FV50S(22.0)
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	-13 - 75

Power supply	Voltage, Phase, Cycle	1-phase, 60Hz, 208/230V
Voltage	Indoor - Outdoor S1-S2	AC 208/230V
	Indoor - Outdoor S2-S3	DC12-24V
	Indoor - Remote controller	DC12V

		MAX (Btu)	MAX RATED INPUT (W)	RATED (Btu)	RATED TOTAL INPUT (W)	COP
Heating	47°F	14,840	1,148	12,720	933	3.79
	17°F	11,270	907	7,860	737	3.64
	5°F	10,920	733	4,920	595	2.42
	-4°F	8,058	539	3,087	438	2.07
	-13°F	4,846	358	765	291	0.77
Cooling	80°F	10,606	605	10,606	605	5.14

* COP at MAX capacity

NOTES : *1.Rating conditions (cooling)-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)
(heating)-Indoor : D.B. 21.1°C (70°F), W.B. 15.6°C (60°F) Outdoor : D.B. 8.3°C (47°F), W.B. 6.1°C (43°F)
*2.Rating conditions(heating)-Indoor : D.B. 21.1°C (70°F), W.B. 15.6°C (60°F) Outdoor : D.B. -8.3°C (17°F), W.B. -9.4°C (15°F)

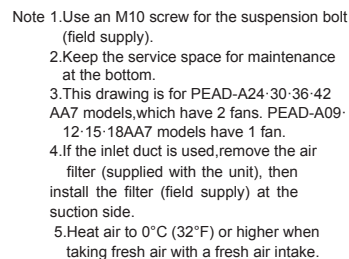
Operation range		Indoor intake air temperature		Outdoor intake air temperature	
Cooling	Maximum	D.B. 35°C (95°F), W.B. 21.7°C (71°F)		D.B. 46°C (115°F)	
	Minimum	D.B. 19.4°C (67°F), W.B. 13.9°C (57°F)		D.B. -10°C (14°F)	
Heating	Maximum	D.B. 26.7°C (80°F), W.B. 19.4°C (67°F)		D.B. 24°C (75°F), W.B. 18°C (65°F)	
	Minimum	D.B. 21.1°C (70°F), W.B. 15.6°C (60°F)		D.B. -25°C (-13°F), W.B. -26°C (-14°F)	

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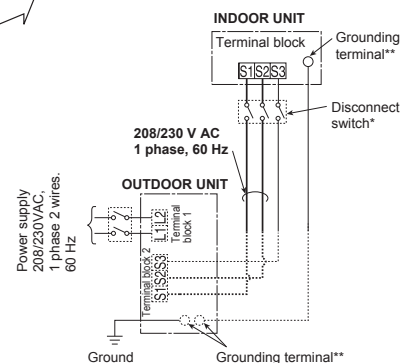
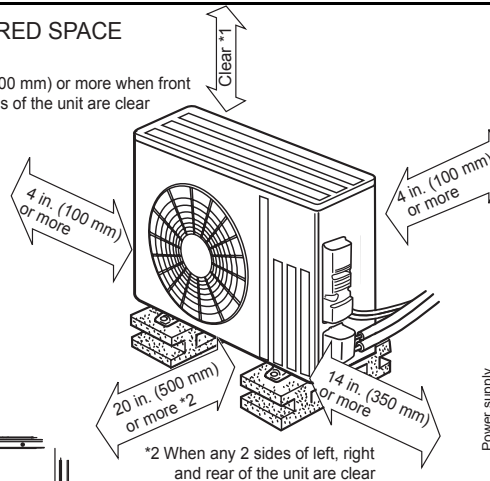
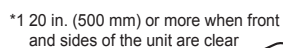
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PEAD-A09AA7 & SUZ-KA09NAHZ



Model			D	E	F	G	H
PEAD-A09, 12, 15, 18AA7	954 (37.9/16)	1000 (39.3/8)	860 (33.7/8)	9	800 (31.1/2)	858 (33.13/16)	72 (2.7/8)
PEAD-A24, 30AA7	1100 (43.5/16)	1154 (45.7/16)	1060 (41.3/4)	11	1000 (39.3/8)	1058 (41.11/16)	78 (3.1/8)
PEAD-A36, 42AA7	1400 (55.1/8)	1454 (57.1/4)	1500 (59.1/16)	14	1300 (51.3/16)	1358 (53.2/2)	

Unit:mm(in.)			
Model	J	①Gas pipe	②Liquid pipe
PEAD-A09AA7	62 (2-1/2)	ø9.52 (3/8)	ø6.35 (1/4)
PEAD-A12,15, 18AA7	62 (2-1/2)	ø12.7 (1/2)	ø6.35 (1/4)
PEAD-A24,30AA7	66 (2-5/8)	ø15.88 (5/8)	ø9.52 (3/8)
PEAD-A36,42AA7			



Remark:

- Remark.**
- * A disconnect switch is required.
Check the local code.
 - ** Use a ring tongue terminal in order to
connect a ground wire to terminal.



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