

**PEAD-A12AA(7)(8) & SUZ-KA12NAHZ**

12,000 Btu/h Horizontal Ducted Heat Pump

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



<b>Energy Efficiency</b>	SEER	19.3
	EER	14.1
	HSPF	11.0

**Accessories:**

- Windscreens (ME-FR-24)
  - External Fan/Heater Control Adapter (PAC-YU25HT-G)
  - Pipe adaptor (3/8->1/2) (MAC-A454JP-E)
  - Cable Connector of Remote Sensor (PAC-SA88HA-EP)\*
- \*Allows control of several units with multiple remote control display

**Optional Controls:**

- Wireless Controller (MHK2)
- Wired Remote Controller (PAR-41MAA)
- 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)	353-424-494
		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)	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	1/2
	Refrigerant pipe Liquid	in	1/4
Moisture Removal	Pints/h	1.9	
Sensible Heat Factor		0.82	

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

Should this document be altered or changed without MESCA's permission, it becomes null and void. MESCA assumes no responsibility for any consequences in such cases.

Note: Mitsubishi Electric (MESCA) supports the use of only MESCA supplied and approved accessories for proper functioning of the unit(s). Use of non-MESCA supported accessories will affect warranty coverage.

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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	1/2	
	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	19,080	1,425	15,900	1,127	3.92*
	17°F	14,490	1,126	9,825	891	3.77*
	5°F	14,490	876	6,450	693	2.73
	-4°F	10,360	669	3,859	529	2.14
	-13°F	6,231	445	956	352	0.80
Cooling	80°F	14,141	792	14,141	792	5.23

\* 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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