

# PEDZ-SHW JA SERIES



## Indoor Unit

R32  
R410A



PEAD-M100/125JA(L)

## Outdoor Unit

R410A



PUIH-SHW112VHA(-BS)  
PUIH-SHW112/140YHA(-BS)

## Remote Controller



\*optional



\*optional



\*optional



\*optional



Type		Inverter Heat Pump			
Indoor Unit		PEAD-M100JA(L)		PEAD-M125JA(L)	
Outdoor Unit		PUHZ-SHW112VHA(-BS)	PUHZ-SHW112YHA(-BS)	PUHZ-SHW140YHA(-BS)	
Refrigerant		R410A*1			
Power Source		Outdoor power supply			
Supply Outdoor (V/Phase/Hz)		VHA:230 / Single / 50, YHA:400 / Three / 50			
Cooling	Capacity	Rated	kW	10.0	
		Min - Max	kW	4.9 - 11.4	
	Total Input	Rated	kW	2.924 (2.904)	
	EER			-	
		EEL Rank		-	
	Design Load		kW	10.0	
	Annual Electricity Consumption*2		kWh/a	729 (714)	
SEER			4.8 (4.9)		
	Energy Efficiency Class		B	B	
Heating (Average Season)	Capacity	Rated	kW	11.2	
		Min - Max	kW	4.5 - 14.0	
	Total Input	Rated	kW	3.103	
	COP			-	
		EEL Rank		-	
	Design Load		kW	12.7	
	Declared Capacity		at reference design temperature	kW	11.2
			at bivalent temperature	kW	11.2
			at operation limit temperature	kW	9.4
	Back Up Heating Capacity		kW	1.5	
	Annual Electricity Consumption*2		kWh/a	4664	
SCOP			3.8		
	Energy Efficiency Class		A	A	
Operating Current (max)			A	37.7	
Indoor Unit	Input (Cooling / Heating)	Rated	kW	0.25 (0.23) / 0.23	
	Operating Current (max)		A	2.65	
	Dimensions	H x W x D	mm	250 - 1400 - 732	
	Weight		kg	41 (40)	
	Air Volume [Lo-Mid-Hi]		m <sup>3</sup> /min	24.0 - 29.0 - 34.0	
	External Static Pressure		Pa	35 / 50 / 70 / 100 / 150	
	Sound Level (SPL) [Lo-Mid-Hi]		dB(A)	29 - 34 - 38	
	Sound Level (PWL)		dB(A)	61	
	Dimensions	H x W x D	mm	1350 - 950 - 330 (+30)	
	Weight		kg	120	
Air Volume	Cooling	m <sup>3</sup> /min	100.0		
	Heating	m <sup>3</sup> /min	100.0		
Sound Level (SPL)	Cooling	dB(A)	51		
	Heating	dB(A)	52		
Sound Level (PWL)	Cooling	dB(A)	69		
Operating Current (max)		A	35.0		
Breaker Size		A	40		
Ext. Piping	Diameter	Liquid / Gas	mm	9.52 / 15.88	
	Max. Length	Out-In	m	75	
	Max. Height	Out-In	m	30	
Guaranteed Operating Range [Outdoor]	Cooling*3	°C	-15 ~ +46		
	Heating	°C	-25 ~ +21		

\*1 Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to 1975. This means that if 1kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 1975 times higher than 1kg of CO<sub>2</sub> over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional.

\*2 Energy consumption based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.

\*3 Optional air protection guide is required where ambient temperature is lower than -5°C.