

# PLZ-SHW SERIES



## Indoor Unit

R32  
R410A



PLA-ZM100/125EA

### Panel

Panel	With Signal Receiver	With 3D i-see Sensor	With Wireless Remote Controller	With Auto Elevation
PLP-6EA				
PLP-6EAL	✓			
PLP-6EAE		✓		
PLP-6EAL	✓	✓		
PLP-6EAL	✓			
PLP-6EAL	✓	✓		✓
PLP-6EAL	✓		✓	
PLP-6EAL	✓	✓	✓	

## Outdoor Unit

R410A



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

## Remote Controller



Enclosed in  
PLP-6EALM/PLP-6EALME



\*optional



\*optional



\*optional



Type	Inverter Heat Pump						
Indoor Unit	PLA-ZM100EA		PLA-ZM125EA				
Outdoor Unit	PUHZ-SHW112VHA	PUHZ-SHW112YHA	PUHZ-SHW140YHA				
Refrigerant	R410A**						
Power Source	Outdoor power supply						
Supply	Outdoor (V/Phase/Hz)						
Cooling	Capacity	Rated	kW	10.0	10.0	12.5	
		Min - Max	kW	4.9 - 11.4	4.9 - 11.4	5.5 - 14.0	
	Total Input	Rated	kW	2.857	2.857	5.000	
	EER			-	-	2.50	
		EEL Rank		-	-	-	
	Design Load		kW	10.0	10.0	-	
	Annual Electricity Consumption**2		kWh/a	633	633	-	
	SEER**1			5.5	5.5	-	
Heating (Average Season)	Capacity	Rated	kW	11.2	11.2	14.0	
		Min - Max	kW	4.5 - 14.0	4.5 - 14.0	5.0 - 16.0	
	Total Input	Rated	kW	2.667	2.667	4.000	
	COP			-	-	3.50	
		EEL Rank		-	-	-	
	Design Load		kW	12.7	12.7	-	
	Declared Capacity		at reference design temperature	kW	11.2 (-10°C)	11.2 (-10°C)	-
			at bivalent temperature	kW	11.2 (-7°C)	11.2 (-7°C)	-
			at operation limit temperature	kW	9.3 (-25°C)	9.3 (-25°C)	-
	Back Up Heating Capacity		kW	1.5	1.5	-	
Annual Electricity Consumption**2		kWh/a	4420	4420	-		
SCOP**3			4.0	4.0	-		
	Energy Efficiency Class		A+	A+	-		
Operating Current (max)		A	35.5	13.5	13.5		
Indoor Unit	Input	Rated	kW	0.07	0.07	0.08	
	Operating Current (max)		A	0.47	0.47	0.52	
	Dimensions <Panel>	H x W x D	mm	298-840-840 <40-950-950>			
	Weight <Panel>		kg	26 <5>	26 <5>	26 <5>	
	Air Volume [Lo-Mi2-Mi1-Hi]		m³/min	19 - 22 - 25 - 28	19 - 22 - 25 - 28	21 - 24 - 26 - 29	
	Sound Level (SPL) [Lo-Mi2-Mi1-Hi]		dB(A)	31 - 34 - 37 - 40	31 - 34 - 37 - 40	33 - 36 - 39 - 41	
	Sound Level (PWL)		dB(A)	61	61	62	
	Outdoor Unit	Dimensions	H x W x D	mm	1350-950-330 (+30)		
		Weight		kg	120	134	134
		Air Volume	Cooling	m³/min	100	100	100
Heating			m³/min	100	100	100	
Sound Level (SPL)		Cooling	dB(A)	51	51	51	
		Heating	dB(A)	52	52	52	
Sound Level (PWL)		Cooling	dB(A)	69	69	69	
Operating Current (max)		A	35	13	13		
Breaker Size		A	40	16	16		
Ext. Piping	Diameter	Liquid / Gas	mm	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	
	Max. Length	Out-In	m	75	75	75	
	Max. Height	Out-In	m	30	30	30	
Guaranteed Operating Range [Outdoor]	Cooling**3	°C	-15 ~ +46	-15 ~ +46	-15 ~ +46		
	Heating	°C	-25 ~ +21	-25 ~ +21	-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.

\*4 SEER and SCOP are based on 2009/125/EC: Energy-related Products Directive and Regulation (EU) No206/2012.

# PLZ-SHW SERIES



## Indoor Unit

R410A



PLA-M100/125EA

### Panel

Panel	With Signal Receiver	With 3D i-see Sensor	With Wireless Remote Controller	With Auto Elevation
PLP-6EA				
PLP-6EAL	✓			
PLP-6EAE		✓		
PLP-6EAL	✓	✓		
PLP-6EAJ	✓			
PLP-6EAJE	✓	✓		✓
PLP-6EALM	✓		✓	
PLP-6EALME	✓	✓	✓	

## Outdoor Unit

R410A



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

## Remote Controller



Enclosed in  
PLP-6EALM/PLP-6EALME



\*optional



\*optional



\*optional



Type	Inverter Heat Pump					
Indoor Unit	PLA-M100EA		PLA-M125EA			
Outdoor Unit	PUHZ-SHW112VHA	PUHZ-SHW112YHA	PUHZ-SHW140YHA			
Refrigerant	R410A <sup>*1</sup>					
Power Source	Outdoor power supply					
Supply	Outdoor (V/Phase/Hz)					
Cooling	Capacity	Rated	kW	10.0	10.0	12.5
		Min - Max	kW	4.9 - 11.4	4.9 - 11.4	5.5 - 14.0
	Total Input	Rated	kW	2.940	2.940	5.000
	EER			-	-	2.50
		EEL Rank		-	-	-
	Design Load		kW	10.0	10.0	-
	Annual Electricity Consumption <sup>*2</sup>		kWh/a	661	661	-
Heating (Average Season)	Capacity	Rated	kW	11.2	11.2	14.0
		Min - Max	kW	4.5 - 14.0	4.5 - 14.0	5.0 - 16.0
	Total Input	Rated	kW	2.793	2.793	4.000
	COP			-	-	3.50
		EEL Rank		-	-	-
	Design Load		kW	12.7	12.7	-
	Declared Capacity	at reference design temperature	kW	11.2 (-10°C)	11.2 (-10°C)	-
	at bivalent temperature	kW	11.2 (-7°C)	11.2 (-7°C)	-	
	at operation limit temperature	kW	9.3 (-25°C)	9.3 (-25°C)	-	
Back Up Heating Capacity		kW	1.5	1.5	-	
Annual Electricity Consumption <sup>*2</sup>		kWh/a	4445	4445	-	
SCOP <sup>*3</sup>			4.0	4.0	-	
	Energy Efficiency Class		A <sup>+</sup>	A <sup>+</sup>	-	
Operating Current (max)		A	35.5	13.5	13.7	
Indoor Unit	Input	Rated	kW	0.07	0.07	0.08
	Operating Current (max)		A	0.46	0.46	0.66
	Dimensions <Panel>	H x W x D	mm	298-840-840 <40-950-950>		
	Weight <Panel>		kg	24 <5>		26 <5>
	Air Volume [Lo-Mi2-Mi1-Hi]		m <sup>3</sup> /min	19 - 23 - 26 - 29	19 - 23 - 26 - 29	21 - 25 - 28 - 31
	Sound Level (SPL) [Lo-Mi2-Mi1-Hi]		dB(A)	31 - 34 - 37 - 40	31 - 34 - 37 - 40	33 - 37 - 41 - 44
	Sound Level (PWL)		dB(A)	61	61	65
Outdoor Unit	Dimensions	H x W x D	mm	1350 - 950 - 330 (+30)		
	Weight		kg	120	134	134
	Air Volume	Cooling	m <sup>3</sup> /min	100	100	100
		Heating	m <sup>3</sup> /min	100	100	100
	Sound Level (SPL)	Cooling	dB(A)	51	51	51
		Heating	dB(A)	52	52	52
	Sound Level (PWL)	Cooling	dB(A)	69	69	69
Operating Current (max)		A	35	13	13	
Breaker Size		A	40	16	16	
Ext. Piping	Diameter	Liquid / Gas	mm	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88
	Max. Length	Out-In	m	75	75	75
	Max. Height	Out-In	m	30	30	30
Guaranteed Operating Range [Outdoor]	Cooling <sup>*3</sup>	°C	-15 ~ +46	-15 ~ +46	-15 ~ +46	
	Heating	°C	-25 ~ +21	-25 ~ +21	-25 ~ +21	

<sup>\*1</sup> 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.

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

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

<sup>\*4</sup> SEER and SCOP are based on 2009/125/EC: Energy-related Products Directive and Regulation (EU) No206/2012.