

HeatPower Series

High Temperature Water Heater

- 5-Star Hotel
- Hospitals
- Food Processing Industry
- Printing
- Textile
- Drinks Distillation Process
- Rinse Factory
- Electroplating Industry

Outlet water temperature up to 80°C



HeatPower



Low Operating Cost

The operating cost is very low compared with conventional heat source, such as electricity, coal, gas and diesel.



Environmental Friendly

Adopting R134a refrigerant of lower GWP, the air pollution emission is zero, which is very environmental-friendly compared with coal.



80°C Hot Water Outlet

With stable high temperature hot water supply, the unit can be widely used in different industrial applications.



EVI Technology

With EVI technology, the unit can work stably for high temperature hot water application.



Multiple-Protections

The multiple protective design ensure the unit's long service life and stable operation.



Wide Operation Range

With advanced 4-way-valve applied in the unit, the unit can be used in environment from -7°C to 45°C.



Specifications



Model	PASHW	PASHW120SB-GX-PS	PASHW180SB-GX-PS	PTASHW576S-V
Hot Water Capacity	kW	32.0	64.0	115.0
Power Input	kW	9.2	18.2	34.5
COP	W/W	3.48	3.52	3.33
Hot Water Volume	L/h	550	1100	1978
Max. Power Input	kW	16.0+6.0	31.9	41.2
Max. Running Current	A	27.2+9.1	50.7	76.6
Power Supply	V/Ph/Hz	380~415V/3N~/50Hz		
Compressor Quantity	/	1	2	4
Compressor Type	/	Scroll		
Compressor Brand	/	Panasonic EVI		Copeland Non-EVI
Fan Quantity	/	2		
Circulation Water Pump	/	GRUNDFOS		/
Fan Motor Input	W	260	600	2000
Water Flow Volume	m³/h	5.0	9.5	11.0
Water Pressure Drop	kPa	30.0	56.0	15.0
Water Connection	inch	1.25	2	DN80 Flange
Noise	dB(A)	62	71	75
Air Volume	m³/h	6200	12900	23500
Air Discharge Type	/	Vertical		
Max.Outlet Water Temp.	°C	80		70
Operation Range	°C	-7~45		
Condenser	/	Tube in Shell Heat Exchanger		
Evaporator	/	Hydrophilic Aluminum Finned Heat Exchanger with Speical Coating/ Gold Colorful for Option		
Defrosting	/	by 4-Way Valve		
Controller	/	Carel Controller		Multi-function Controller
Display	/	/	/	LCD Screen Display
Refrigerant	/	R134a		
Cabinet	/	Eco-friendly Galvanized Metal /Stainless Steel for Option		
Net Weight	kg	356	757	1016
Gross Weight	kg	420	789	1066
Net Dimensions(L/W/H)	mm	1610×1050×1550	2240×1080×2000	2180×1080×2000
Shipping Dimensions(L/W/H)	mm	1760×1100×1700	2260×1130×2160	2360×1180×2160

Test Condition: ambient temperature 20°C/15°C, water circulation from 15°C to 65°C.

The data above is for reference only. For more specific data, please refer to the nameplate on the unit.