

Intelligent Operation Modes for Option

By setting different intelligent operation modes inside, the units are able to meet various requirements from different customers according to their actual needs.



Standard heating mode
The unit heats water not only by compressor drive but also by delayed start electric heater.



Economic mode
The unit heats water only by compressor according to heat pump principle.



Intelligent mode
Intelligent mode gives priority to ensuring energy saving effect and starts the heating function according to the ambient temperature.

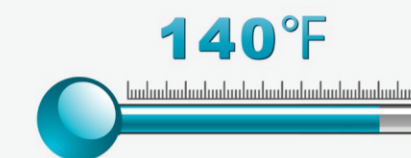


Holiday mode
The unit could be set the automatically start when you have a vacation outside.



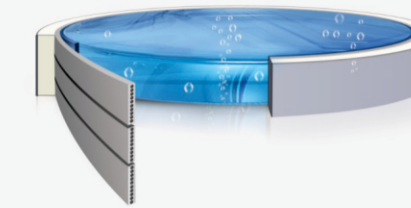
Max. Water Temperature can Reach 140°F

The maximum outlet water temperature of the units can be up to 140°F, which means that the units are able to meet water requirement in a large amount.



Micro-channel Heat Coil

Micro-channel heat exchangers greatly enlarge the available contact surface between inner water tank and heat exchanger thus enhance the performance of heat pump water heaters. The COP of this kind of units can reach 3.2 based on the test standard En16147.



THE PRIORITY OF FAMILIES WITH FOUR PERSONS

Details

- Selected compressor is compatible with other components of the unit to ensure best performance.
- Air exchanger (fin-coil) with hydrophilic coating is not easy to condensate and has high efficiency.
- 60mm foaming insulation material ensures a great insulation for the tank.
- Intelligent defrosting technology is able to solve the frosting problem in heat exchanger greatly in low ambient temperature.
- The fashionable appearance will be inviting in your room anywhere and compatible with your room furniture.
- Heating coil wrapped outside the tank greatly prolongs the working life for the unit.
- The temperature of the water tank could be detected more accurately by setting two sensors on the top and bottom of the water tank.
- Refrigerant R134a is more environmentally-friendly and does no harm to ozone sphere.
- Electrical heating element inside will be the backup for emergent request.
- Expansion valve

Parameter

Model	PASHW008-190LD	PASHW008-270LD
Heating Capacity	7600Btu/h	7600Btu/h
Water Tank Capacity	50.2gal	71.3gal
Voltage	230V~1/60Hz	230V~1/60Hz
Air Volume	12360ft ³ /h	12360ft ³ /h
Water Connector	3/4 inch	3/4 inch
Noise	45dB(A)	45dB(A)
Refrigerant Type	R134a	R134a
Operation Range	100.4°F~140°F	100.4°F~140°F
Default Water Temp	122°F	122°F
Net Dimension	φ22.0x68.8inch	φ25.2x73.3inch
Shipping Dimension (L/W/H)	24.8x24.8x75.2inch	28.3x28.3x80.0inch
Net weight	203IB	267IB
Gross Weight	243IB	302IB

CREATIVE AND DETAIL-ORIENTED



Best-fit Compressor
The compressors of the units are selected meticulously and able to work perfectly together with other components of the units in order to make the best performance.



Coil Wrapped Outside the Tank
With coils wrapped outside the water tank, the working life of the units can be extended greatly.



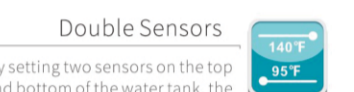
High Density Insulation Layer
High density foaming insulation material, thickness of which is up to 50mm, ensures a great insulation for the tank.



Intelligent Defrosting Technology
Intelligent defrosting technology is able to solve the frosting on the air heat exchanger greatly at lower ambient temperature.



Monobloc Design
The fashionable appearance will be inviting in your room anywhere and compatible with your room furniture.



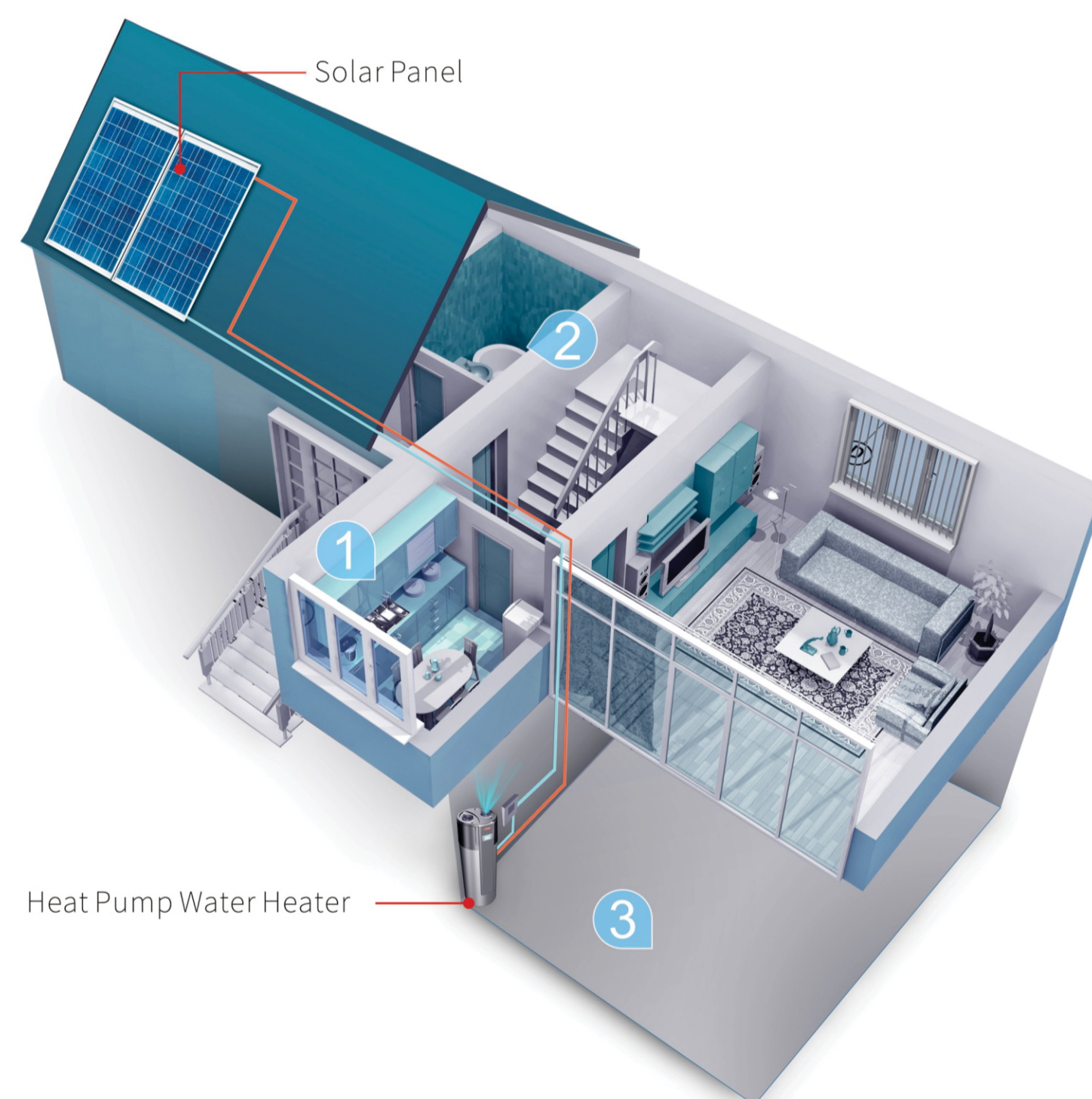
Double Sensors
By setting two sensors on the top and bottom of the water tank, the temperature of the tank water can be detected more accurately.



Air Exchanger (fin-coil) with Hydrophilic Coating
Air exchanger (fin-coil) with hydrophilic coating has stronger anti-corrosion feature and performs higher efficiency.



Intelligent Controller
The controller which is with a Wi-Fi module for your option is able to make wireless communication and long distance control.



ECO-FRIENDLY SOLUTION

This solution applies solar panels together with PHNIX Heat Pump Water Heater to absorb heat. With the intelligent controlling system inside the Heat Pump Water Heater, the whole recycling system not only can provide abundant domestic hot water for the family, but also can supply free cool air for anywhere in the house, such as the garage. It is suitable for residential usage.

- 1 Domestic Hot Water
- 2 Bath Water
- 3 Cool Air for Garage

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Just be with You Whenever You Need Hot Water
PHNIX Heat Pump Water Heaters are specially designed for the residential hot water use. The units can be invited wherever in your house and fused with the furniture completely because of their elegant appearance.