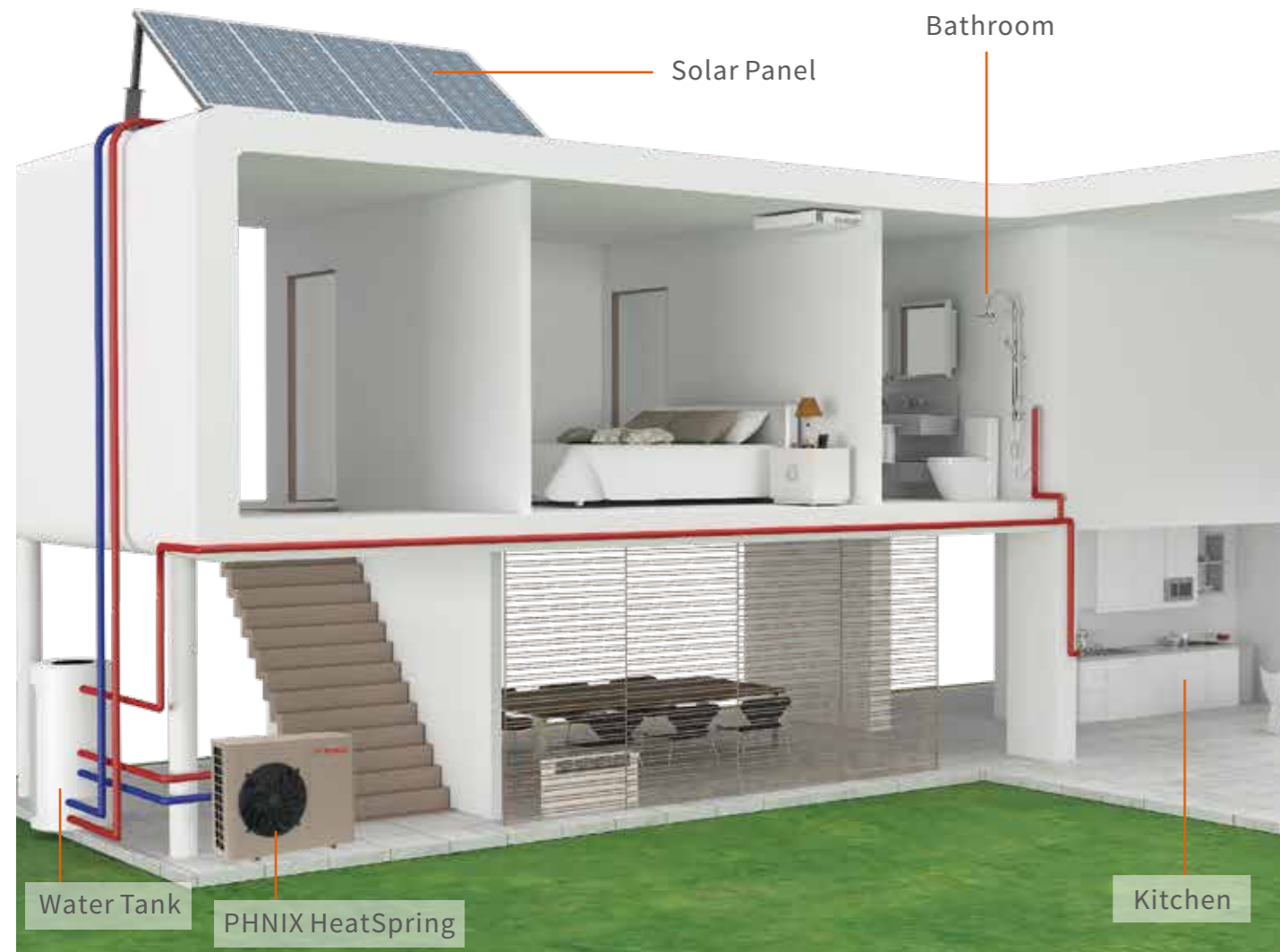


## Eco-friendly Application

This solution below is specially designed for residential use. PHNIX HeatSpring Heat Pump Water Heater provides sufficient and stable hot water for residential use. Users can also apply the solution with a solar panel, so as to reach a more energy-saving effect. With the advantages of safe running and stable hot water supply, PHNIX HeatSpring provides a comfortable and green life for you.



## Parameters

Model	PASHW	010B	015B	020B	030	050S
Rated Heating Output	kW	3.80	5.75	6.80	9.50	17.2
Rated Power Input	kW	0.908	1.376	1.650	2.375	3.80
COP	/	4.18	4.18	4.12	4.0	4.53
Rated Running Current	A	3.95	5.98	7.45	10.30	6.50
Max. Running Current	A	5.5	7.59	10.5	13.40	9.20
Power Supply	V/Ph/Hz	220-240V~/50Hz				380-415V/3N~/50Hz
Hot Water Volume	L/h	80.0	120.0	142.0	196.0	370.0
Compressor	/	Rotary	Rotary	Rotary	Rotary	Scroll
Compressor Quantity	/	1	1	1	1	1
Fan Quantity	/	1	1	1	1	2
Air Discharge Type	/	Horizontal	Horizontal	Horizontal	Horizontal	Horizontal
Air Volume	m <sup>3</sup> /h	2400	2400	2400	4050	8100
Circulation Pump	/	Wilo	Wilo	Wilo	/	/
Water Pressure Drop	kPa	30	28	36	60	60
Water Connection	Inch	1	1	1	1	1
Noise	dB(A)	51	57	59	56	58
Max. Water Temp.	°C	65	65	65	60	60
Working Temp.	°C	-7~45	-7~45	-7~45	-15~45	-15~45
Heat Exchanger	/	Tube in shell heat exchanger				
Defrost Type	/	4-way valve reverse				
Controller	/	PHNIX controller+LED display				
Refrigerant Type	/	R410A				
Casing	/	Environment-friendly galvanized metal				
Net Dimension(L/W/H)	mm	892/345/605	892/345/605	892/345/605	1050/430/845	1050/430/1245

Test condition: ambient temperature 20°C/15°C, water circulation from 15°C to 55°C.  
The data above is for reference only. For more specific data, please refer to the nameplate on the unit.

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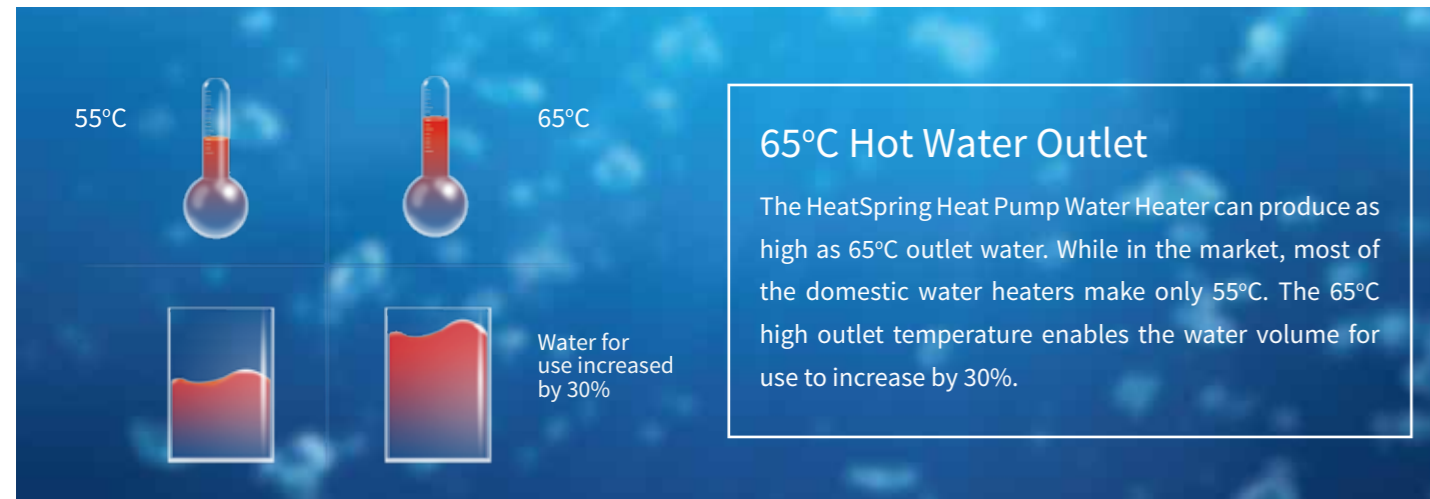
RESIDENTIAL HEAT PUMP WATER HEATER

HeatSpring provides up to **65°C hot water**

for you constantly by circulating heating. It's specially designed for the residential demand. With the features of stable hot water supply and high energy efficiency, it's a perfect choice for domestic hot water.



## Provide You Trouble-free Shower



Moreover, PHNIX HeatSpring is featured with the following advantages for your trouble-free and joyful shower:



### Automatic Heating

As soon as water temperature for shower drops to the setpoint, the heat pump starts working so as to ensure constant shower.



### Short Heating Time

Hot water can be supplied in a short time within 1hr as the inlet water temperature is greatly higher than that of the tap water.



### Extended Shower Time

With sufficient hot water supply and fast heating technology, the heat pump covers the hot water requirement of a whole family.



### Easy & Clear Control

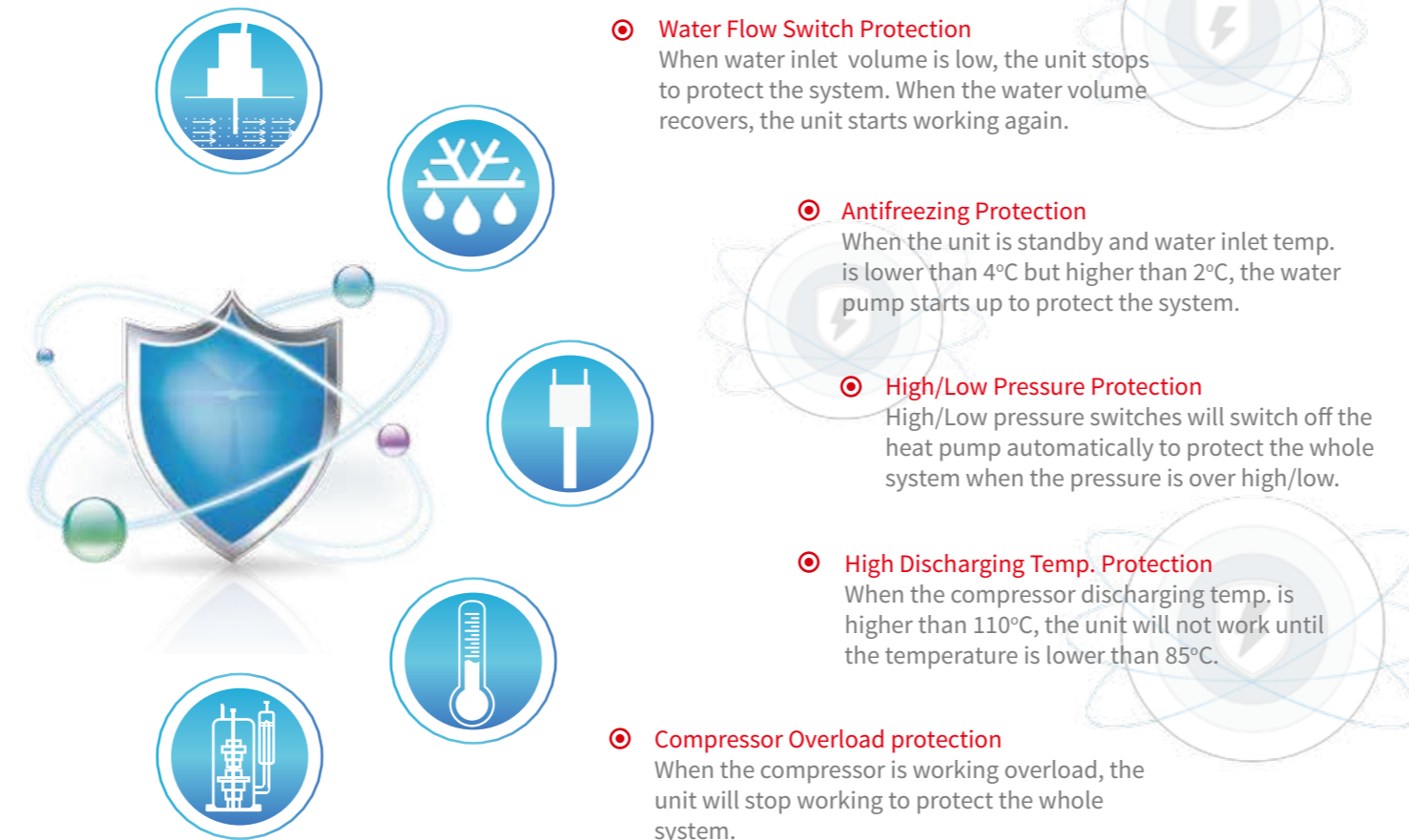
The clear controller display, specially designed by PHNIX, makes it easy for users to power on/off, set temperature, timer and heating/defrosting mode.

## Benefits of 65°C Hot Water Supply

- Prevent build-up growth of legionella;
- Higher temperature than 65°C will be dangerous for domestic use.



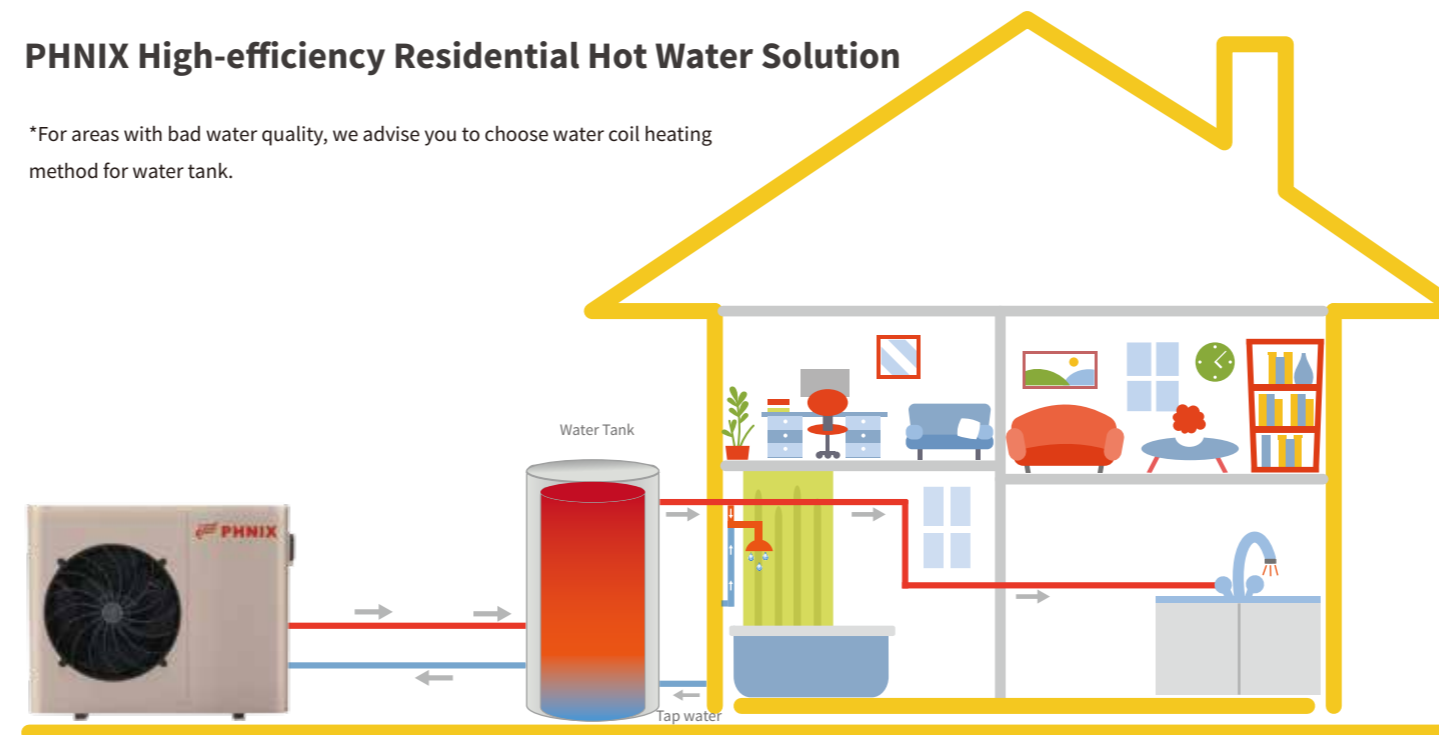
## Multi-protection; Long Service Life



## Advised Installation Method

### PHNIX High-efficiency Residential Hot Water Solution

\*For areas with bad water quality, we advise you to choose water coil heating method for water tank.



## Advantages for Various Heating Systems

	Safe	Stable	Water Volume	Eco-friendly
Liquid gas heater	✗	☔	👤👤👤	✗
Natural gas heater	✗	☔	👤👤👤	✗
Electric heater	✗	☔	👤👤	🌿
Solar heater	✓	☔	👤👤	🌿
Heat pump	✓	☔	👤👤👤	🌿

## Solar Panel + Heat Pump

### A wise choice for existing solar heating system

If you are now annoyed by the unstable hot water supply of your solar heater system, this easily installed revolutionary system can be an ideal solution. It efficiently and consistently guarantees you a plentiful supply of low cost hot water. Utilising the heat energy from both the sun and the air, this system is of greatly increased performance.

Therefore, PHNIX HeatSpring can also help:

- To augment existing systems
- To preheat conventional hot water systems
- To supply full hot water

