



AIR SOURCE HEAT PUMP HYBRID WATER HEATER

Eligible for **Australian** Government Incentives

— **STC/VEEC Ready** —

Save your bill and green our life!



R290

This renewable energy water heating technology will reduce home energy costs whilst providing a plentiful supply of hot water day and night in all weather conditions.

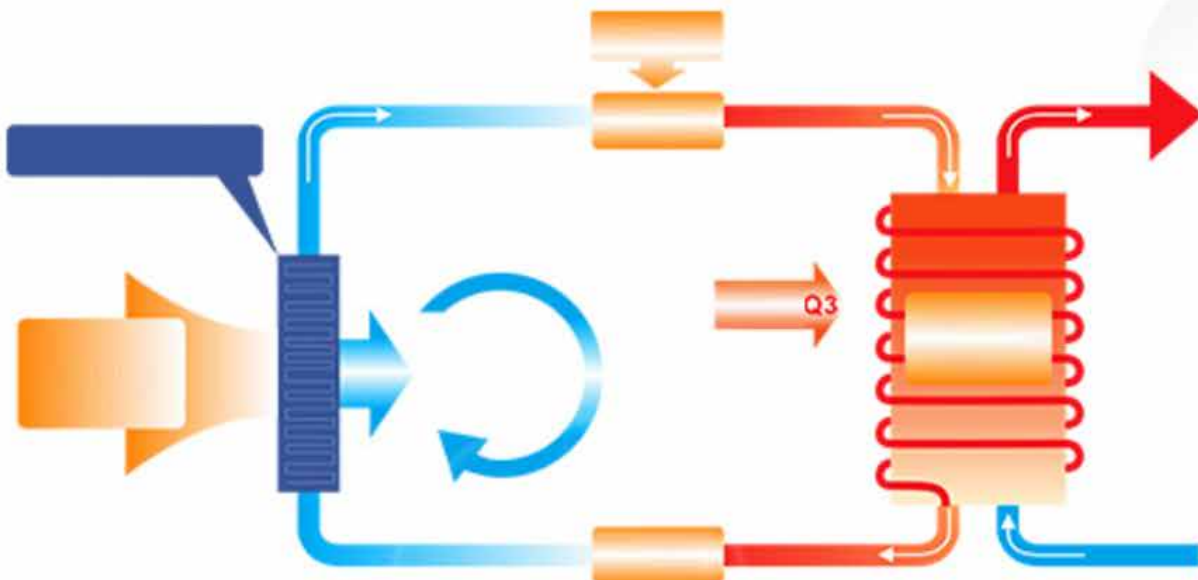


How it works?

Think of refrigerator working in reverse.



Air source heat pumps are driven by small amount of electricity, absorbing heat energy from the air to heat the cold water; The power consumption is about 1/4 of traditional water heater, and about 1/3 of gas boiler.



To understand the concept of heat pumps, imagine a refrigerator working in reverse. While a refrigerator removes heat from an enclosed box and expels that heat to the surrounding air, a Heat Pump takes the heat from surrounding air and transfers it to water in an enclosed tank.

Features



R290 efficient environment protection refrigerant.



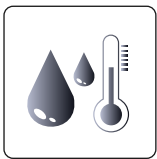
Booster mode makes 75deg.C max hot water.



Noise reduction design provides a super quiet at 45dB.



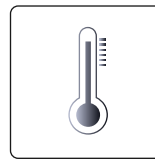
Backup built-in 2kw electric heater gives high efficiency at any conditions.



50mm foaming insulation make sure the heat pump stable working under -7 deg.C



Patented SPD defrosting technology ensures that the heat pump water heater defrosts quickly at low temperatures.



When the water temperature in the water tank is higher than the set value, the backup electric heater will be automatically turned off.



Tank temperature at 65°C to prevent the growth of bacteria and legionella.



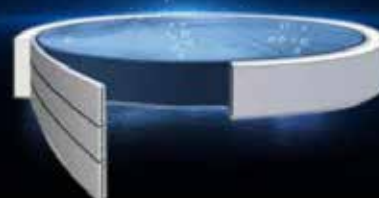
Wifi Control



Compressor

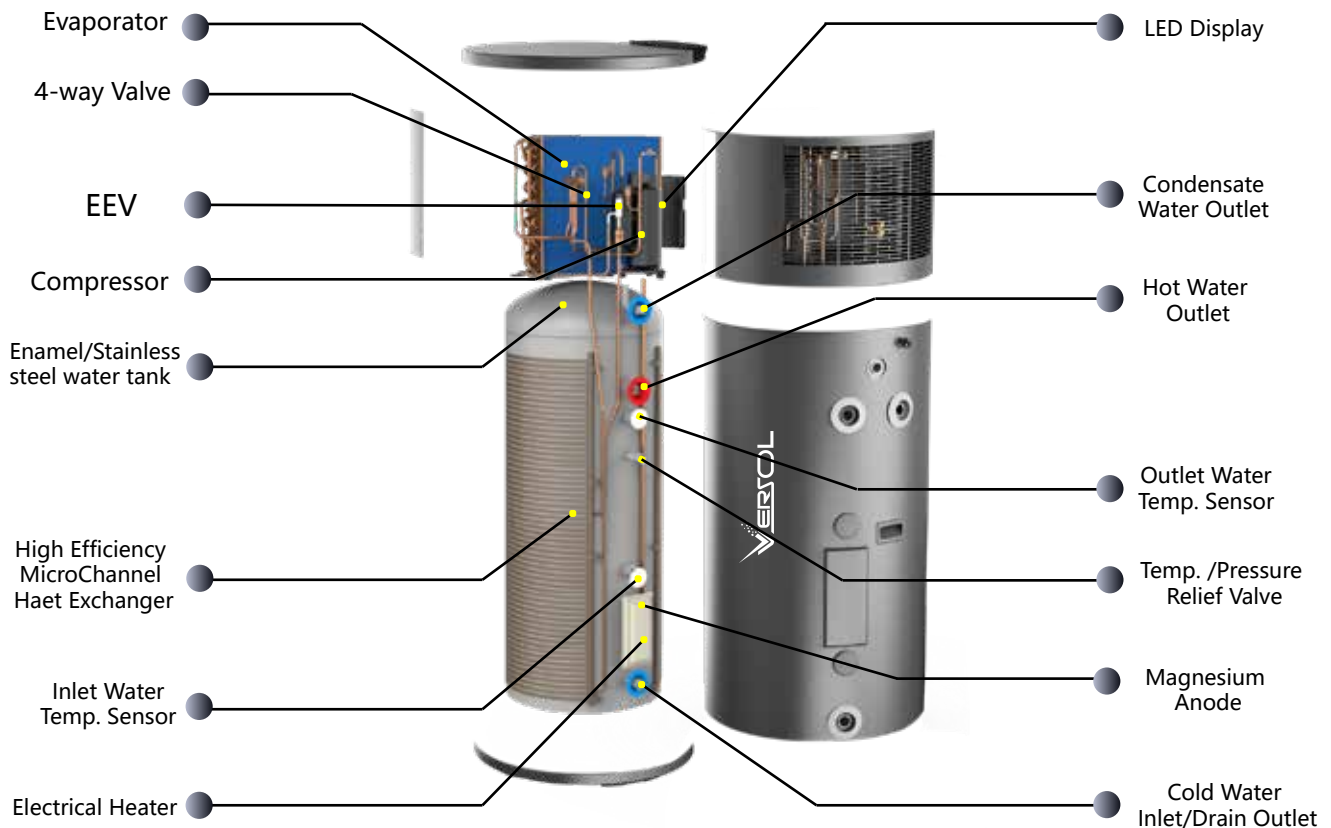


5 Intelligent Mode



Micro Channel

Technical Date



Model		VHP-200TD	VHP-270TD
Heating Capacity at Air 20°C /15°C, Water Temperature from 15 °C to 55°C			
Heating Capacity(kW)		2.78	2.78
COP		4.15	4.15
Max Input Power(W)		3000	3000
Max Input Current(A)		14	14
Power Supply		220-240v/ 50Hz	220-240v/ 50Hz
Heat Pump	Rated Power (W)	670	670
	Rated Current (A)	3.1	3.1
Electric Heater	Rated Power (W)	1800	1800
	Rated Current (A)	7.5	7.5
Refrigerant		R290	R290
Compressor		GMCC	GMCC
Net Dimension(mm)		Φ620×1520	Φ620×1840
Package Dimension(mm)		700×700×1565	700×700×1885
Net Weight (KG)		104	118
Gross Weight (KG)		120	136
Noise(dB)		43	43
Water tank volume (L)		200	270
Working temperature range (°C)		-7 ~ 43	-7 ~ 43
Testing condition: * Heating Capacity at Air temp. 20 °C / 15 °C, Water Temperature from 15 °C to 55 °C			

Water Heating & Cooling Solutions

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