



Eligible for **Australian** Government Incentives

— **STC/VEEC Ready** —

**AIR SOURCE HEAT PUMP HYBRID WATER HEATER**



Our heat pump hot water system will reduce energy costs whilst providing a plentiful supply of hot water day and night in all weather conditions.

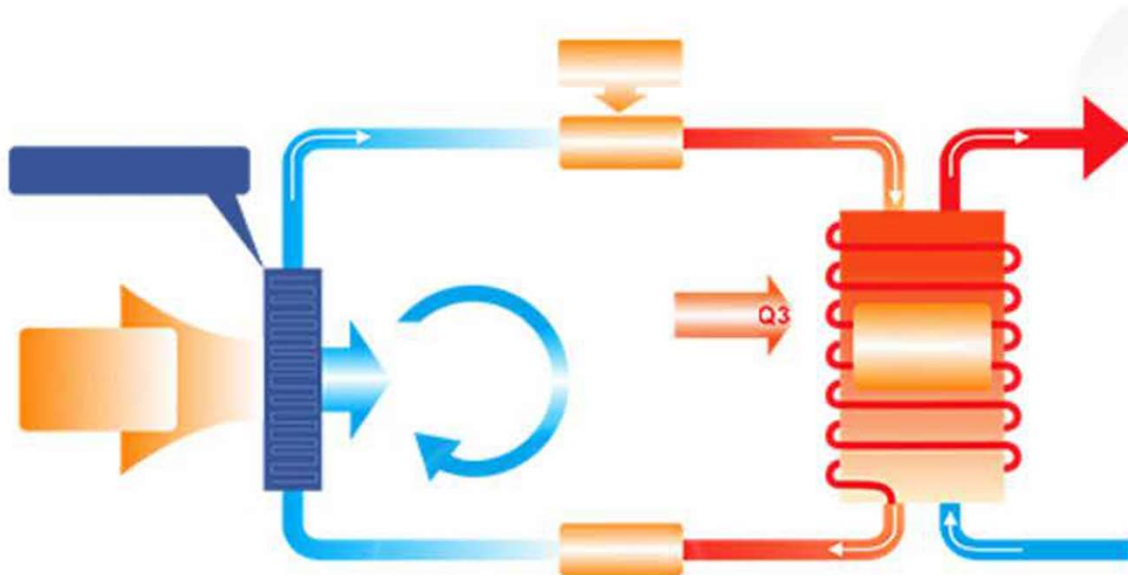


# How it works?

Think of a refrigerator working in reverse.



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



To understand the concept of heat pumps, imagine a refrigerator working in reverse. Whilst a refrigerator removes heat 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



Enamel tank with R290 refrigerant. Durable, efficient and more environmentally friendly



Booster mode can make 75deg.C hot water.



Noise dampening design operates at a super quiet 45dB.



5-year warranty on the major system components



50mm insulation makes sure you have reliable hot water even in temperatures as low as -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 booster will automatically turn off.



The default tank temperature of 65°C prevents the growth of bacteria and legionella.



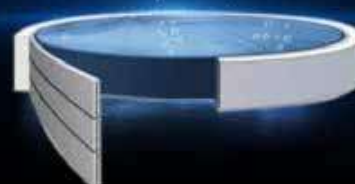
Wifi Control



Compressor

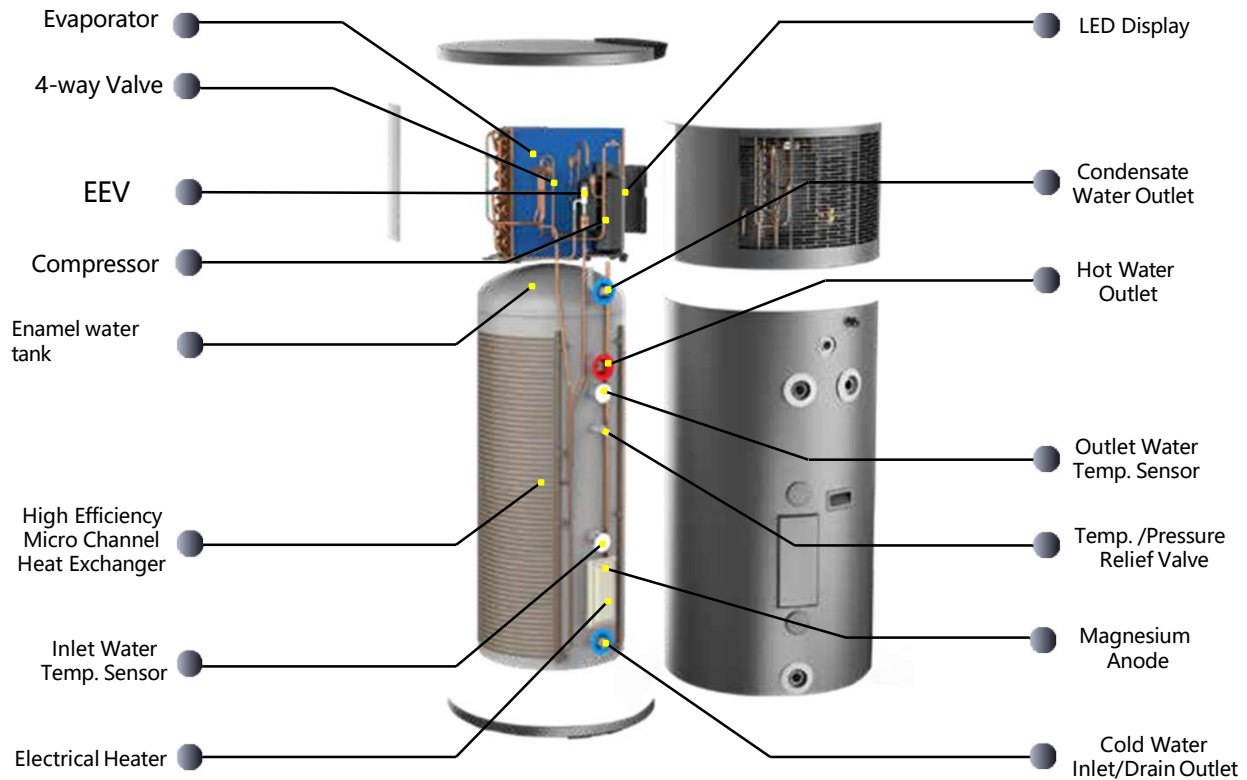


5 Intelligent Mode



Micro Channel

# Technical Specifications



Model	YT-200TD2		YT-270TD2	
Heatng Capacity at Air 20°C /15°C, Water Temperature from 15 °C to 55°C				
Heatng 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)		620×1520	620×1840	
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				

# About Us

Our company has focussed on clean energy since 1989. As a leader in thermal energy and one of the leading clean energy enterprises in Australia, German Tech Solar Hot Water Systems provides clean hot water and clean power generation across Australia and New Zealand.

German Tech makes use of solar, air and combustion energy and combines them with an intelligent control platform to form a multi-energy integrated thermal system.

Our systems can maximize your use of clean energy and significantly reduce your operating costs, while achieving all-weather hot water comfort. Through the smart utilization of energy, German Tech systems can meet the requirements of domestic, commercial, industrial and agricultural hot water.

German Tech manufactures to the highest quality standards and we have been a pioneer in the use of durable tank materials. Based on our research and development we create products and services that assist in a cleaner more environmentally friendly future.



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**SolarGreen**