TECHNICAL SPESIFICATION

MODEL		SHP270-3805	SHP340-3805
Water Side	Heat Exchanger Type	Copper Pipe Coiled Outside The Tank	
	Tank Capacity (L)	270	340
	Cold / Hot Water Connection	RP $^{3}/_{4}$" / 20	
	Relief Valve Connection	RP $^{3}/_{4}$" / 20	
	Maximum Pressure (MPa)	0.85	
Power Supply		220V ~ 50Hz	
Circuit Fuse - Parameters		16A / 250V	
Rated Heating Volume *		3800 W	
HP Heating Rated Input	Power (watts)	950	
	Currents (amps)	4.3	
Auxiliary Heating Input	Power (watts)	2400	
	Currents (amps)	10.9	
Rated Water Output (litres/hr)		80	
Water Temperature Setting (°C)		30 ~ 65 (Ex-work setting 55)	
Suitable ambient temperature (°C)		-7 ~ 43	
Refrigerant Quantity		R134a (1.35 Kg)	
Air Side	Heat Exchanger Type	Female fitting hydrophilic alumunium foil	
	Air Outlet	Side Exhaust	
Storage Tank	Diameter (mm)	648	
	Height (mm)	1815	2125
	Net Weight (kg)	115	130

** Working conditions: Dry bulb temperature: 20 °C, Wet bulb temperature: 15 °C, Tank water inlet: 15 °C, tank water outlet: 55 °C.*
*** Warranty: 3 Year replacement tank and labour & 1 year parts, Sealed system 1 year.*

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SHP 270
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Solahart Heatpump

SHP INTEGRATED SERIES

The Solahart SHP Series Heat Pump is a smart, energy efficient alternative for areas where a traditional solar water heater may not be suitable. It uses one of the most abundant renewable energy sources, heat from the air, to provide hot water for your family.

Rather than using roof mounted collectors, efficient heat pump technology extracts energy from the surrounding air. Ambient warmth is used to convert the refrigerant within the sealed system into a gas. The gas is then compressed to generate even more heat, which then heats the water in the tank. What's more, this process can work day or night, in sunshine and rain, all year round.

The Solahart SHP Series Heat Pump Installation is quick and easy. The heat pump can usually be installed in the same location as an outdoor electric water heater and connected up to the existing plumbing and electrical connections, making it a great replacement for an existing water heater.

It is also equipped with an electric booster designed to operate only in very cold conditions. The ceramic lined tank has a protective sacrificial anode.

KEY BENEFITS

- Uses heat pump technology to extract heat from the air, day or night.
- Ideal for installations not suitable for traditional solar water heaters.
- Integrated electric booster heats in very cold weather conditions.
- Uses less energy than a conventional electric water heater*.
- Sleek, Modern Design.

KEY FEATURES

- Can save up to 60% to 65% of water heating energy consumption.
- Coefficient of Performance (COP) of 4*
- Reduced energy use can save up to 1.7 to 2.9 tonnes of CO_2 emissions per annum.
- Peace of mind with 3 year tank warranty.