



Solar Heat Pump – Stiebel Eltron



This all-in-one heat pump is German designed and manufactured. It extracts thermal energy from the air by using refrigerant to absorb latent heat. This refrigerant is then excited through a compressor providing optimum conditions to transfer the heat energy to the stored water.

The automated control system will heat the water as the tank temperature drops below a set-point. However in some circumstances it may be advantageous to control the 'on-duty' heating period with a fuse-board timer. This may benefit the needs of your electricity tariff or maximise performance at peak day ambient temperature.

This heat pump is ideal for rural situations and is a simple replacement for all non-solar hot water system, especially old electric units. It also combines well with solar power installations.

Specifications

Hot Water Delivery	Mains Pressure
Water Pressure Minimum	300kPa
Power Input	~1.2kW
COP (Heating Efficiency)	~4.2
Refrigerant	R134a
Electrical Circuit	240V, 50Hz, 1Ph, 10A
Operating Noise Level	49dB
Glass Lined Tank Size(s)	303L

BENEFITS

- Compact one piece design for quick and easy installation
- Reduce your domestic hot water energy consumption by over 70%
- Unique jacketed condenser design for outstanding heat transfer
- No roof collectors or backup boosting element required

Supplied with RMC fittings and UV protected insulation to maximise product performance and longevity

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EUROPE'S NUMBER 1
HEAT PUMP PRODUCER

STIEBEL ELTRON