

STIEBEL ELTRON

Technik zum Wohlfühlen

Harness naturally occurring thermal energy from the environment to create energy efficient hot water

Stiebel Eltron WWK 300A Hot Water Heat Pump

› WWK 300A | WWK 300AH

- › Made in Germany
- › Designed for Australian conditions
- › Air solar system uses energy from the environment
- › No panels on the roof
- › Indoor or outdoor installation¹
- › Save up to 67% on hot water energy use²



Made in Germany. Designed for Australian conditions

For over 85 years STIEBEL ELTRON has been developing innovative hot water solutions with a direct focus on quality, energy efficiency, reliability and most importantly customer orientated service. With a direct focus on energy efficiency STIEBEL ELTRON began to develop heat pump technology as early as 1974. STIEBEL ELTRON distributes to 120 countries and has one of the largest hot water heat pump manufacturing sites in Europe.

Engineered and manufactured in Germany, the STIEBEL ELTRON WWK 300A Heat Pump was specifically designed for Australian conditions to provide reliable and energy efficient hot water.



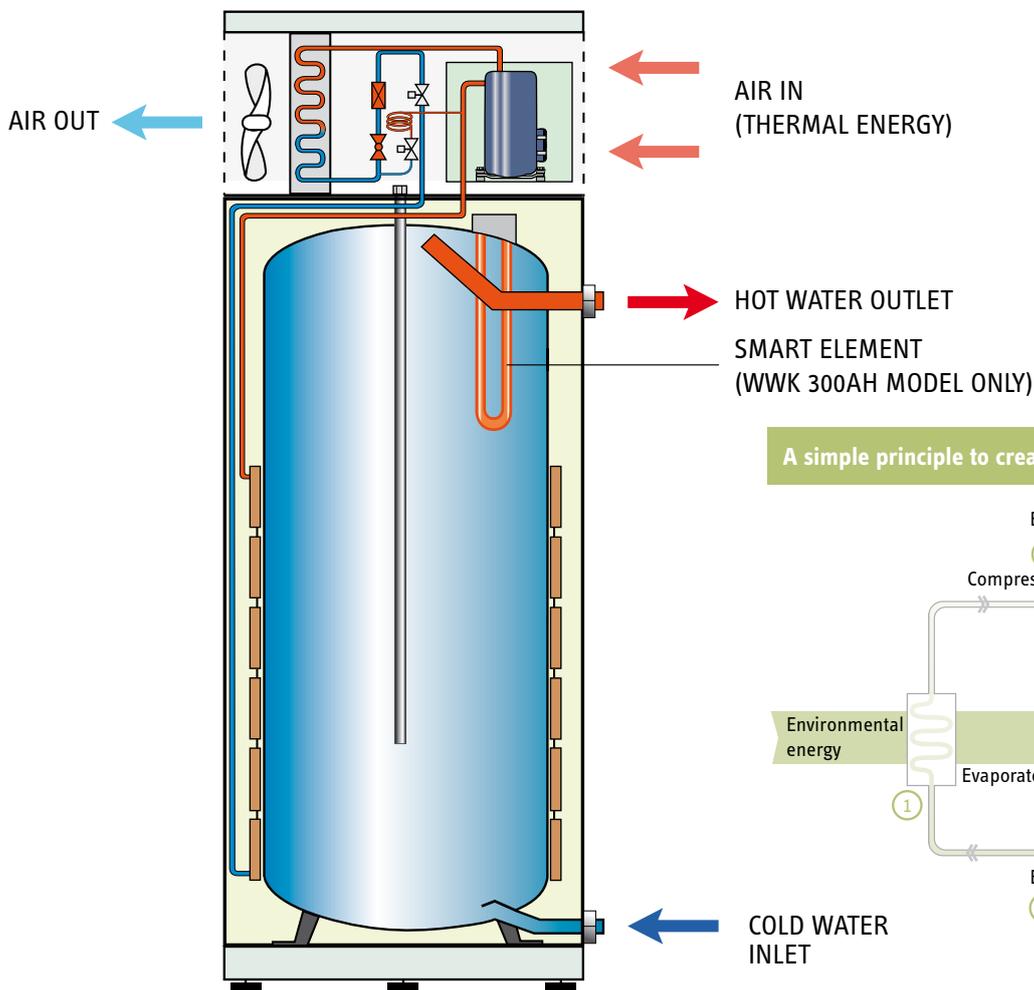
Beat rising energy costs. Save up to 67% hot water energy use when compared to an electric storage hot water system².

The STIEBEL ELTRON WWK 300A Heat Pump captures the heat in the air (thermal energy) and transfers it to the water, making it hot. The heat pump works in a similar way to a refrigerator, but in reverse: it makes the inside (water) hot and the outside (air) cool. The only electrical energy used in this process to heat water is for running the compressor and fan. The rest of the energy used, which represents most of the energy input, is 100% RENEWABLE as it comes from the air.

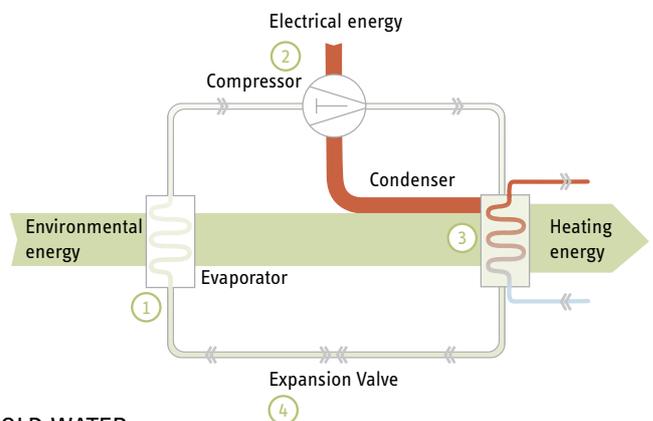


How the Stiebel Eltron heat pump works to create energy efficient hot water

1. A fan draws air through an evaporator. Thermal energy within the air is transferred to a liquid refrigerant causing it to change into a gas
2. The refrigerant gas is then drawn into a compressor which increases the pressure and as a result increases the temperature
3. A condenser (heat exchanger) then transports gas refrigerant around the outside of the water tank. This heats the water inside the tank and the gaseous refrigerant reverts back into a liquid
4. The pressure of the refrigerant is reduced as it goes through an expansion valve and returns to the evaporator for the process to start again



A simple principle to create hot water



Stiebel Eltron has been developing heat pump technology since 1974

With a STIEBEL ELTRON WWK 300A heat pump you are not reliant on the sun shining to generate hot water

WWK 300A HEAT PUMP



Why choose the Stiebel Eltron WWK 300A heat pump?



Made in Germany



No panels on roof



Air Solar System utilises energy from the environment



Can operate on extended off peak power and timers when available



Lowest power draw of all hot water heat pump units at only 2.3amps



5 Year Warranty³



Active defrost function to assist operation in cold climates



Single piece design for easy installation



Indoor/Outdoor Installation¹



300 litre tank with one of the highest deliveries of hot water for a heat pump

¹: Indoor installation requires 13m³ of empty space.

²: Energy savings of up to 67% when compared with a conventional electric water heater as per Government approved thermal performance simulation modelling for climate zone 3 (AS/NZS 4234).

³: 5 years for the cylinder and condenser, 2 years for the sealed refrigeration system, including compressor, evaporator, valves and associated pipe work and 1 year for all other componentry (electrical) for domestic installations only. For full warranty conditions please visit www.stiebel.com.au

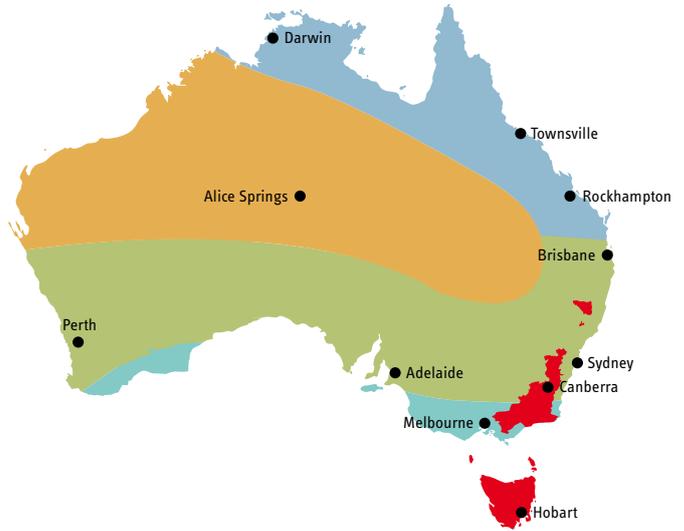
Renewable energy incentives

SMALL-SCALE RENEWABLE ENERGY SCHEME (SRES)

The SRES is an initiative to assist households, small business and community groups with the up-front cost of installing a small-scale renewable energy system. Small-scale technology certificates (STC's) are utilised within this scheme and are a tradable form of certificate that offers financial incentives for installing approved renewable energy technology such as a hot water heat pump system.

The table below outlines the number of STC's eligible in each of the 5 zones across Australia for the STIEBEL ELTRON Heat Pump models.

Additional rebates may be available from State Governments or through your local council. Refer to your relevant State Government or local council website for information.



STC's per zone across Australia					
Model	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
WWK 300A	24	24	28	30	29
WWK 300AH	24	24	28	30	29

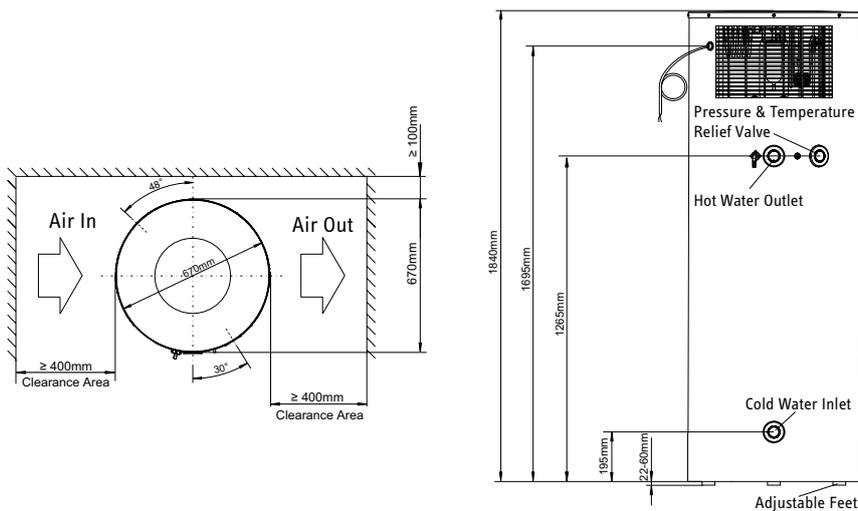
The STIEBEL ELTRON WWK 300A hot water heat pump is an energy efficient water heating solution for your home

Please note: The number of STCs within each zone are subject to AS/NZS standards or methodology change and were accurate as at 1st November 2012. To confirm current STC numbers on the STIEBEL ELTRON heat pump range please visit the Australian Government Office of Clean Energy Regulator website at <http://ret.cleanenergyregulator.gov.au/>. Diagram of Zones used for illustrative purposes only.



Technical Data

Model	WWK 300A	WWK 300AH
Type of system	Hot water heat pump	Hot water heat pump with smart element
Current draw	2.3 AMPS	9.4 AMPS (including smart element)
Electrical connection	1/N/PE - 240V	1/N/PE - 240V
Application range	0°C to +42°C	0°C to +42°C
Permissible operating pressure (cold water inlet)	500kPa	500kPa
Smart element	N/A	Yes
Approvals	Australian Standards WaterMark, AS/NZS 2712	Australian Standards WaterMark, AS/NZS 2712
Installation requirements	AS3500.4.2 & local authority regulations	AS3500.4.2 & local authority regulations
I.P rating	IP24	IP24
Refrigerant	R134A	R134A
Dimensions		
Height (adjustable feet)	1862-1900mm	1862-1900mm
Diameter	670mm	670mm
Weights		
Cylinder capacity	300 Litres	300 Litres
Weight (empty)	125kg	125kg
Weight (filled with water)	425kg	425kg
Sound data		
Sound level	49dB	49dB



AFTER SALES AND SERVICE

STIEBEL ELTRON AUSTRALIA has an in-house local Customer Service Centre to assist with all after sales, warranty and technical service enquiries.

FREE CALL 1800 153 351 (AUSTRALIA)

CALL 0800 200 510 (NEW ZEALAND)

STIEBEL.COM.AU

Stiebel Eltron (Australia) A.B.N. 82 066 271 083 – All information was correct at the time of printing. Specifications may change without notice. For more information please contact Stiebel Eltron on 1800 153 351.

AVAILABLE FROM:



STIEBEL ELTRON

Technik zum Wohlfühlen