

Data Sheet

WWK 300A | WWK 300AH

Hot Water Heat Pump

Use the heat in the air to create energy efficient hot water

STIEBEL ELTRON

Technik zum Wohlfühlen



The advantages

- › Made in Germany
- › Designed for Australian conditions
- › Air solar system utilises heat in the air to create energy efficient hot water
- › Suitable for hard and soft water areas with sacrificial anode
- › Low power draw
- › Unique roll-bond condenser technology for optimal heat transfer
- › 300 litre tank with high delivery of hot water - can deliver 510 litres of 40°C shower temperature water (cold water temperature 20°C)
- › Active defrost function maintains operation in cold climates
- › Single piece design for ease of installation
- › Indoor or outdoor installation
- › Ideal to operate with PV as an energy source[^]
- › Award winning design:
 - › Master Plumbers' Association of Queensland "Environmental Product of the Year 2010"
 - › Master Plumbers' & Gasfitters' Association of Western Australia "Energy Saving Product of the Year 2009"
- › Available with a smart element (model WWK 300AH) which has rapid recovery of the top 100 litres when a high volume of hot water is drawn off
- › WaterMark approved, licence number WMKA00301, AS/NZS/2712

Ideal installation areas^{*}

- › House
- › Large apartment
- › Commercial applications

For more information on the right Stiebel Eltron water heater for your project please contact our Technical Services Department on free call 1800 153 351 (Australia).

[^]Dependent on PV system.

^{*}Dependent on model selected

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HOT WATER HEAT PUMP

| Model number | WWK 300A | WWK 300 AH |
|---|---|---------------------------|
| Power consumption at L15/F70/W55 | 0.5kW | 0.5kW |
| Power consumption smart element | N/A | 1.69kW |
| Rated voltage | 240 V | 240 V |
| Rated current | 10 Amp | 10 Amp |
| Phases | 1/N/PE | 1/N/PE |
| Electrical installation | As per AS/NZS3000 | |
| Installation requirements | AS/NZS3500.4.2 & local requirements | |
| Type of installation | Outdoor indoor* | Outdoor indoor* |
| Cylinder capacity | 300 Litres | 300 Litres |
| Permissible operating pressure (cold water inlet) | 500kPa | 500kPa |
| Coefficient of performance (COP) to EN255 | 3.19 | 3.19 |
| Application range | 0°C - 42°C | 0°C - 42°C |
| Air flow rate | 550m ³ /h | 550m ³ /h |
| Refrigerant | R134a | R134a |
| Refrigerant capacity | 0.9 kg | 0.9 kg |
| IP Rating | IP24 | IP24 |
| Height | 1900 mm (adjustable feet) | 1900 mm (adjustable feet) |
| Diameter | 670 mm | 670 mm |
| Weight (empty) | 125 kg | 130 kg |
| Weight (filled with water) | 425 kg | 430 kg |
| Approvals | WaterMark Lic No. WMKA00301, AS/NZS2712 | |

*Indoor installation requires a clear space of 13 m³

Selecting the right Stiebel Eltron hot water heat pump

Thank you for considering the Stiebel Eltron hot water heat pump, with over 90 years of hot water technology experience we are sure you will be happy with your choice of a Stiebel Eltron hot water heat pump.

The volume of hot water needed and the usage requirements for your project will determine the appropriate model of hot water heat pump needed for your application. Our customer support representatives can be contacted on our free call number 1800 153 351 to assist in selecting the appropriate system/systems for your project.

Electrical installation

This heat pump must be installed in accordance with AS/NZS3000 electrical regulations.

Plumbing installation

This heat pump must be installed in accordance with AS/NZS3500.4.2 and local authority regulations.

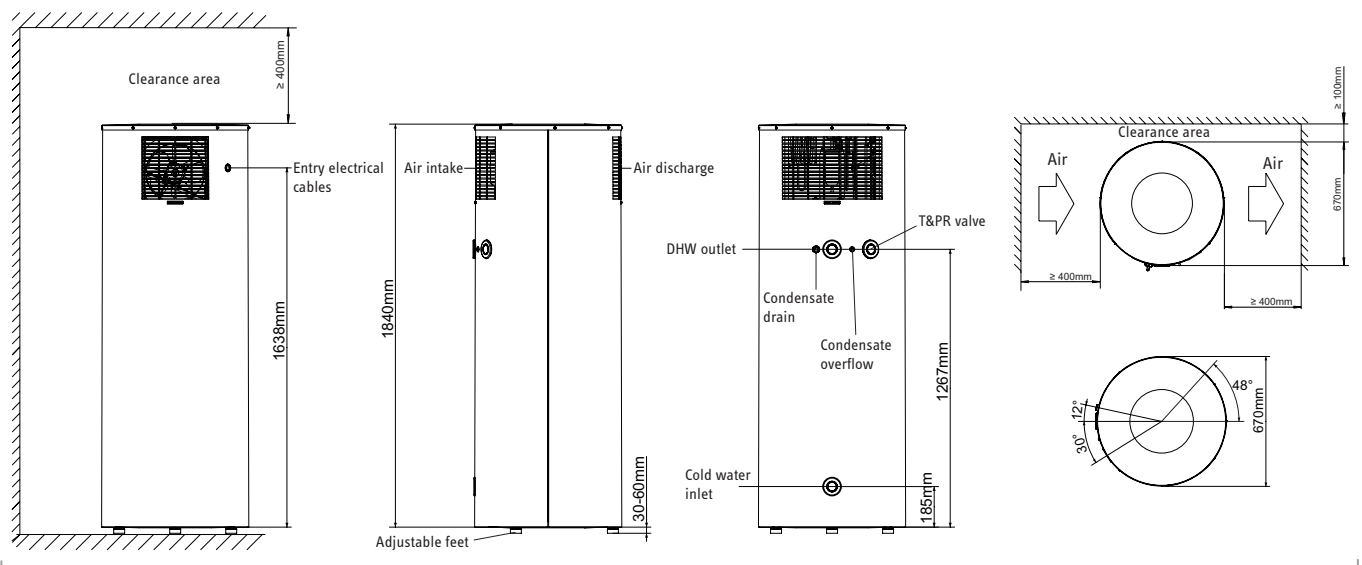
Warranty

For full warranty information please visit www.stiebel.com.au.

Technical Support

Stiebel Eltron (Aust) Pty Ltd
Free Call (Australia): 1800 153 351
Telephone: (03) 9645 1833
Website: stiebel.com.au

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STIEBEL ELTRON is committed to our policy of continual improvement, some features may have subsequently been changed or even removed. Our advisors will be happy to consult with you regarding the currently applicable equipment features. The images used in this brochure are for reference only.