

# Data Sheet

## WWK 222 | WWK 222 H

### Hot Water Heat Pump

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

**STIEBEL ELTRON**

Technik zum Wohlfühlen



#### The advantages

- › German engineered
- › Air solar system utilises heat in the air to create energy efficient hot water
- › 17% lower heat loss due to improved tank insulation<sup>^</sup>
- › Quiet operation with encased compressor design
- › Suitable for hard and soft water areas with impressed current anode (maintenance free)
- › Operates down to minus 5 °C, ideal for colder climates
- › Unique roll-bond condenser technology for optimal heat transfer
- › 220 litre tank with high delivery of hot water - can deliver 360 litres of 40°C shower temperature water (cold water temperature 20°C)
- › Efficient defrost function maintains operation in cold climates
- › Single piece design for ease of installation
- › Can be transported on side
- › Indoor or outdoor installation
- › Ideal to operate with solar PV as an energy source\*
- › Also available with a smart element (model WWK 222 H)
- › WaterMark approved, licence number WMKA00301, AS3498

#### Ideal installation areas\*\*

- › House
- › Large apartment

For more information on the right Stiebel Eltron water heater for your project please contact our Technical Services Department on 09 486 2221 (New Zealand).

<sup>^</sup>Compared to WWK300A \*Dependent on PV system. \*\*Dependent on model selected

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#### HOT WATER HEAT PUMP

Model number	WWK 222	WWK 222 H
Power consumption at (EN16147/A15)	0.55kW	0.55kW
Power consumption smart element	N/A	1.7kW
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	220 Litres	220 Litres
Permissible operating pressure (cold water inlet)	800kPa	800kPa
Coefficient of performance (COP) to EN16147/A15	3.0	3.0
Application range	-5°C - 42°C	-5°C - 42°C
Air flow rate	550m <sup>3</sup> /h	550m <sup>3</sup> /h
Refrigerant	R134a	R134a
Refrigerant capacity	0.85 kg	0.85 kg
IP Rating	IP24	IP24
Height	1545 mm	1545 mm
Diameter	690 mm	690 mm
Weight (empty)	120 kg	120 kg
Weight (filled with water)	340 kg	340 kg
Approvals	WaterMark Lic No. WMKA00301, AS3498	

\*Indoor installation requires a clear space of 13 m<sup>3</sup>

#### 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 09 486 2221 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.

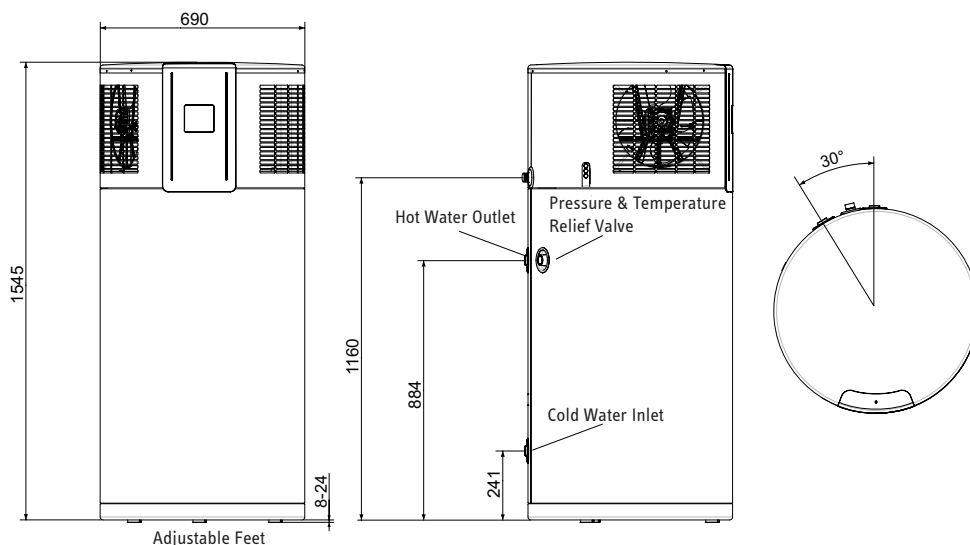
#### Warranty

For full warranty information please visit [www.stiebel.co.nz](http://www.stiebel.co.nz).

#### Technical Support

Stiebel Eltron NZ Limited  
Telephone: 09 486 2221 (New Zealand)  
Website: [www.stiebel.co.nz](http://www.stiebel.co.nz)  
Email: [service@stiebel.co.nz](mailto:service@stiebel.co.nz)

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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.