

# Instant hot water at the temperature you want, delivered with precision

Stiebel Eltron DHE Continuous Flow 3 Phase Power Water Heater

› DHE 18 | DHE 27

- › German Engineered
- › Electronically controlled temperature selection from 20-60°C
- › Two memory functions for delivering pre-set water temperatures
- › ECO key to help save water and energy
- › Electronically controlled water flow regulation for precise temperatures to 0.5 degree celsius
- › No flue, safe tray or ventilation required
- › Can accept pre-heated water, e.g. from solar energy
- › Can operate via radio remote controls (optional accessories)



**STIEBEL ELTRON**

Technik zum Wohlfühlen

# A continuous flow of hot water with the precision of 0.5 degrees celsius

The innovative design of the STIEBEL ELTRON DHE Continuous Flow Water Heater delivers hot water at your selected temperature of between 20 to 60°C.

The sophisticated design of the DHE water heater cleverly uses the input cold water temperature and flow rate to electronically regulate both the energy required and the water flow to accurately deliver the set water temperature. Incorporating two memory settings you can easily pre-set the DHE to deliver specific water temperatures to your liking<sup>1</sup>.

The simple operation of the rotary dial allows you to select the water temperature anywhere between 20-60°C, which is clearly visible on the LCD display. Additionally the ECO function button automatically sets the DHE to deliver a maximum flow rate of 8 litres per minute (factory set<sup>2</sup>) regardless of the temperature selected assisting with both saving energy and reducing water use.



## ECO setting to assist with saving both energy and water

# Energy saving technology

As soon as the hot water tap is turned on the DHE creates a continuous flow of hot water. Traditional storage type water heaters or a centralised storage system, repeatedly heat stored water to maintain the water temperature. By contrast, the DHE is a smart water heater and energy saver that operates only when hot water is required and consumes only the energy required to instantly produce the desired pre-set temperature via electronic regulation.

# Water saving installation close to the point of use

Waiting for hot water to arrive at the outlet can often result in cold water being wasted. This can be minimised by installing the water heater close to the point of use, thus reducing the amount of pipe work required to reach the outlet. The installation flexibility and compact design of the DHE allows for convenient installation close to the points of use and in concealed locations such as a cupboard or under a sink. The DHE doesn't require a flue, ventilation or safe tray which enhances the installation flexibility and reduces the amount of installation materials required to install.



# Made in Germany

The Stiebel Eltron range of DHE water heaters are made in Germany backed by over 85 years experience in developing hot water technology. Stiebel Eltron designs products with a commitment to technical efficiency, reliability and high quality - it is this commitment that now sees our water heaters available in more than 120 countries.



German Engineered



3 Year Domestic Warranty<sup>3</sup>



Point of Use Installation to service multiple outlets



WaterMark LIC No. WMKA00301 AS3498

## DHE three phase instantaneous water heater features at a glance

- › Electronically controlled to deliver precise water temperature output
- › No flue or ventilation required
- › No safe tray required
- › LCD Water temperature display
- › Flow rate, water and energy consumption display
- › 2 memory keys for preset water temperatures
- › ECO key to help save water and energy
- › Can accept pre-heated water. E.g. from solar energy
- › Electronic safety system with air detection
- › Suitable for hard and soft water areas
- › Water connection to surface or recessed pipework
- › Flexible electrical installation connection at top or bottom of unit
- › Requires 3 phase power to operate
- › WaterMark approved LIC No. WMKA00301, AS3498
- › Can be controlled by up to two radio remote controls (FFB1 and FFB2 optional accessories)



DHE



FFB1



FFB2

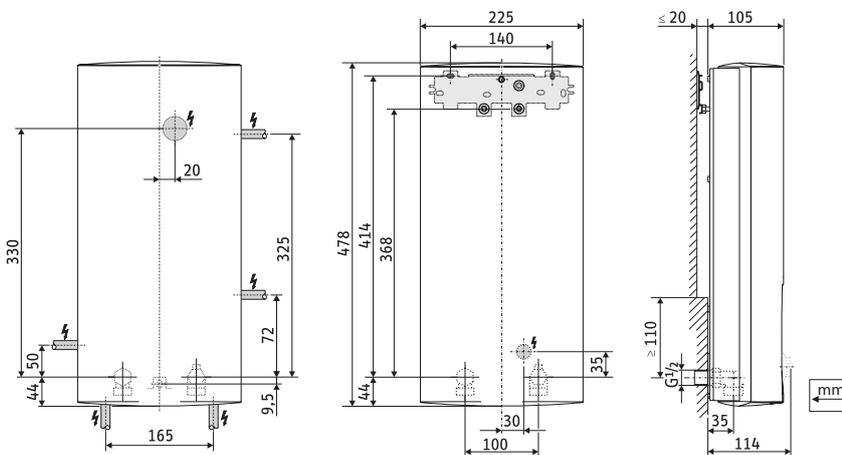


reddot design award winner 2005

1: For sanitary fixtures, mandatory use of a water tempering device will affect output water temperature.  
 2: The ECO setting can be altered through the settings to change the flow rate.  
 3: 3 year domestic warranty. 1 year commercial warranty. For more information and warranty conditions please visit [www.stiebel.com.au](http://www.stiebel.com.au)

## Technical Data

Model	DHE 18	DHE 27
Type of system	3 phase electric continuous flow water heater	3 phase electric continuous flow water heater
Electrical connection	19.6kW, 27Amps Per Phase (3 Phase 415V)	29.1kW, 40Amps Per Phase (3 Phase 415V)
Electrical installation	As per AS3000	As per AS3000
Permissible operating pressure	1000kPa	1000kPa
Switch on flow rate	2.5L/min	2.5L/min
Element type	Bare wire heating system with pressure-tested copper casing	Bare wire heating system with pressure-tested copper casing
Installation requirements	AS3500.4.2 & Local authority regulations	AS3500.4.2 & Local authority regulations
I.P Rating	IP25 (IP24 at electrical connection - finished walls)	IP25 (IP24 at electrical connection - finished walls)
Approvals	WaterMark LIC No. WMKA00301, AS3498	WaterMark LIC No. WMKA00301, AS3498
Dimensions		
Height	478mm	478mm
Width	225mm	225mm
Depth	105mm	105mm
Weights		
Weight (filled with water)	4.5kg	4.5kg
Nominal capacity	0.4L	0.4L



### Temperature rise:

Add the below temperature to the cold water inlet temperature

	8L/min	10L/min	12L/min	14L/min
DHE 18	34°C	27°C	23°C	19°C
DHE 27	51°C	41°C	34°C	29°C



### 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.

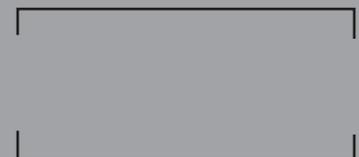
FREE CALL 1800 153 351 (AUSTRALIA)

CALL 0800 200 510 (NEW ZEALAND)

STIEBEL.COM.AU

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AVAILABLE FROM:



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