

Data Sheet

DHB-E 13 AU 50°C

Instantaneous 3 Phase Electric Water Heater

Delivers hot water not exceeding 50°Celsius
in accordance with AS3498*

STIEBEL ELTRON

Technik zum Wohlfühlen



The advantages

- › Made in Germany
- › Temperature selection up to a maximum of 50°Celsius in accordance with AS3498*
- › Rotary dial temperature selection from 30-50°Celsius
- › Bare wire element for fast and efficient water heating
- › Suitable for hard and soft water areas
- › No flue, ventilation or safe tray required
- › Electronically controlled to accurately regulate the water temperature output
- › Electronic safety system with air detection
- › Suitable for single or multi-point applications
- › Compact design for space saving installation flexibility
- › Multiple electrical access points for installation ease
- › Available in electrical size:
 - › 14.5kW, 20 Amps per phase, 3 phase 415V
- › WaterMark approved, licence number WMKA00301, AS3498



PLEASE NOTE: The DHB-E 13 AU 50°C is a 50°C instantaneous 3 phase electric hot water system if you require a 60°Celsius version please select the DHB-E 13 60°C instantaneous 3 phase electric hot water system.

Ideal installation areas**

- › Bathroom
- › Factory bathroom or sink
- › Kitchenette

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).

*This appliance delivers hot water not exceeding 50°Celsius in accordance with AS3498. Refer to AS/NZS3500.4, local requirements and installation instructions to determine if additional delivery temperature control is required. If your application requires a Thermostatic Mixing Valve (TMV) we recommend using the STIEBEL ELTRON DHB-E 13 60°C model which can heat water to 60°Celsius and work well with TMVs. The DHB-E 13 AU is not suitable for operation with a TMV.

**Dependent on model selected

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3 PHASE ELECTRIC	
Model number	DHB-E 13 AU 50°C
Rated output (415V)	14.5kW
Rated current (415V)	20 Amp
Phases	3/PE
Electrical installation	As per AS/NZS3000
Installation requirements	AS/NZS3500.4.2 & local requirements
Switch on flow rate	3.0 L/min
Permissible operating pressure	1000 kPa
Temperature adjustment	30°C-50°C
IP Rating	IP25
Height	478 mm
Width	225 mm
Depth	105 mm
Weight (filled with water)	4.0 kg
Colour	white
Nominal capacity	0.4L
Flow rate limiter (if fitted) L/min	7.5 (blue)
Approvals	WaterMark Lic No. WMKA00301. AS3498
Equipment	
For one/several draw off points	Yes / Yes
Heating system	Bare wire
Electronic flow rate control	-
Electronic air detection system	Yes
Accepts pre-heated water (solar)	-
Programmable temperature	-
Wellness shower programs	-
ECO energy & water function	-
Optional accessories	
Radio remote control primary	-
Radio remote control secondary	-

Temperature rise chart^	
DHB-E 13 AU 50°C	
Add the below temperature to the cold water inlet temperature.	
4L/min	-
6L/min	34°C*
8L/min	26°C*
10L/min	21°C*
12L/min	17°C*
14L/min	15°C*

^Please note temperature rise is based on connection to 415V

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Selecting the right Stiebel Eltron instantaneous water heater

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

The temperature rise table will assist you in determining the appropriate size of instantaneous water heater required for your application. The required temperatures at specific flow rates will determine the size of system needed. Our customer support representatives can be contacted on 09 486 2221 to assist in selecting the appropriate system/systems for your project.

Installation close to the point of use

The Stiebel Eltron DHB-E 13A 50°C instant water heaters compact design allows for ease of installation close to the point of use. In order to minimise thermal losses in the pipe work the water heater should be installed as close to the point of use as possible.

Electrical installation

This water heater must be installed in accordance with AS/NZS3000 electrical regulations by a qualified installer.

Plumbing installation

This water heater must be installed in accordance with AS/NZS3500.4.2 and local authority regulations by a qualified installer.

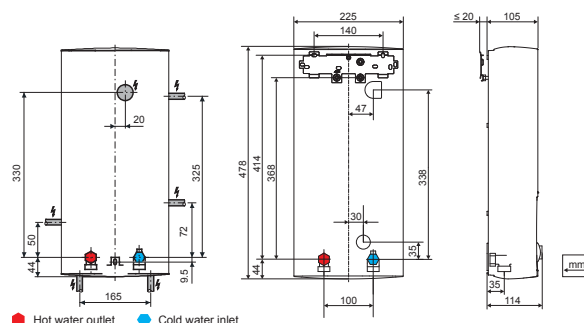
Warranty

For full warranty information please visit www.stiebel.co.nz.

Technical Support

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

DHB-E 13 AU 50°C instantaneous 3 phase electric water heater



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.