

Data Sheet

DEL 18 AU | DEL 27 AU

Instantaneous 3 Phase Electric Water Heater

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

STIEBEL ELTRON

Technik zum Wohlfühlen



The advantages

- › Temperature selection up to a maximum of 50° Celsius in accordance with AS3498
- › Made in Germany
- › Designed for Australian conditions
- › Instantaneous, continuous supply of hot water
- › Memory function & T-Max temperature limit function
- › Compact space saving design for installation flexibility
- › No external temperature control device required*
- › No safe tray, flue or ventilation required
- › Electronically controlled to accurately regulate the output water temperature
- › Electronic safety system with air detection
- › Bare wire element design suitable for hard or soft water areas
- › Available in two electrical sizes:
 - › DEL 18 AU (50°C) - 19.4kW, 27 Amps per phase, 3 phase 415V
 - › DEL 27 AU (50°C) - 28kW, 40 Amps per phase, 3 phase 415V
- › WaterMark approved, licence number WMKA00301, AS3498



PLEASE NOTE: The DEL AU SERIES superseded the DEL A SERIES.

3 - fold intelligence for a high level of convenience |
The electronically regulated appliances feature 3i technology. This comprises of an inlet temperature sensor, an outlet temperature sensor and a flow sensor.

Ideal installation areas**

- › Bathrooms
- › Apartments
- › Factory bathrooms or sinks
- › Hair salons
- › Kitchenettes

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).

*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 DHE or DHB-E models which can heat water to 60°Celsius and work well with TMVs. The DEL AU is not suitable for operation with a TMV.

**Dependent on model selected

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3 PHASE ELECTRIC

Model number	DEL 18 AU	DEL 27 AU
Rated output (415V)	19.4kW	28kW
Rated current (415V)	27 Amp	40 Amp
Phases	3/PE	3/PE
Electrical installation	As per AS/NZS3000	
Installation requirements	AS/NZS3500.4.2 & local requirements	
Switch on flow rate	2.5 L/min	2.5 L/min
Permissible operating pressure	1000 kPa	1000 kPa
Temperature adjustment	30°C-50°C	30°C-50°C
IP Rating	IP25 (IP24 at electrical connection- finished walls)	
Height	478 mm	478 mm
Width	225 mm	225 mm
Depth	105 mm	105 mm
Weight (filled with water)	4 kg	4 kg
Colour	white	white
Nominal capacity	0.4L	0.4L
Flow rate limiter (if fitted) L/min	7.5(blue) 12(brown)	7.5(blue) 12(brown)
Approvals	WaterMark Lic No. WMKA00301. AS3498	
Equipment		
For one/several draw off points	Yes / Yes	Yes / Yes
Heating system	Bare wire	Bare wire
Electronic flow rate control	-	-
Electronic air detection system	Yes	Yes
Accepts pre-heated water (solar)	Yes (incoming hot water must not exceed 45°C)	
Programmable temperature	-	-
Wellness shower programs	-	-
ECO energy & water function	-	-
Optional accessories		
Radio remote control primary	-	-
Radio remote control secondary	-	-

Temperature rise chart^	DEL 18 AU*	DEL 27 AU*
Add the below temperature to the cold water inlet temperature.*		
4L/min	-	-
6L/min	46°C*	-
8L/min	34°C*	-
10L/min	27°C*	39°C*
12L/min	23°C*	33°C*
14L/min	19°C*	28°C*

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

* The DEL AU instantaneous 3 phase electric water heater 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.

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 our free call number 1800 153 351 to assist in selecting the appropriate system/systems for your project.

Installation close to the point of use

The Stiebel Eltron DEL AU 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.

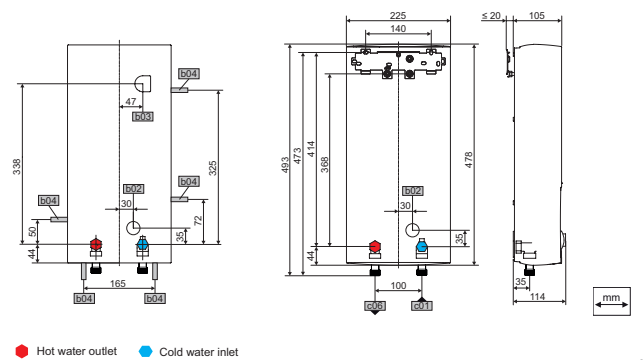
Warranty

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

Technical Support

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

DEL AU 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.

DEL 27 Plus

CHAUFFE-EAU INSTANTANÉ CONFORT

RÉF. PRODUIT: 236740

Les principales caractéristiques

Chauffe-eau instantané à régulation électronique





Type	DEL 18/21/24 Plus	DEL 27 Plus
Réf. à commander	236739	236740
Puissance nominale	18/21/24 kW	27 kW
Hauteur	466 mm	466 mm
Largeur	225 mm	225 mm
Profondeur	116 mm	116 mm

Caractéristiques techniques

Tension nominale	400 V	400 V
Phases	3/PE	3/PE
Fréquence	50/60 Hz	50/- Hz
Courant nominal	29/31/35 A	39 A
Protection (électrique)	32/32/35 A	40 A
Réglage de la température	Off, 20-60 °C	Off, 20-60 °C
Conductivité spécifique $\sigma_{15} \leq$	1111 $\mu\text{S/cm}$	1111 $\mu\text{S/cm}$
Résistance spécifique $\rho_{15} \geq$	900 $\Omega \text{ cm}$	900 $\Omega \text{ cm}$
Classe d'efficacité énergétique	A	A
Couleur	blanc	blanc
Indice de protection (IP)	IP25	IP25
Poids	3,1 kg	3,1 kg