Comfort instantaneous water heater

DHE 18/21/24

ORDER NO: 202656



Key features

- Easy operation via large, illuminated multifunction display
- The temperature can be permanently restricted by the installer to 55, 50 or 43 °C; the temperature can be further restricted by the user (childproofing)
- Quick temperature selection with two memory buttons
- Greater convenience when installed undersink, since the appliance cover and the programming unit can be turned the other way up
- Suitable for reheating preheated water
- Safe operation thanks to extensive range of convenience and safety functions
- Quick installation with Profi-Rapid, the innovative installation concept
- Consumption indicator for transparent costs
- Highly flexible installation thanks to selectable appliance output – 18/21/24 kW in a single appliance



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Electrical data

Rated voltage	400 V
Rated voltage 1	380 V
Rated voltage 2	400 V
Rated voltage 3	415 V
Rated output	18/21/24 kW
Rated output 1	16,2/19/21,7 kW
Rated output 2	18/21/24 kW
Rated output 3	19,4/22,6/25,8 kW
Rated current	29/31/35 A
Rated current 1	27,6/29,5/33,3 A
Rated current 2	29/31/35 A
Rated current 3	30,1/32,2/36,3 A
Fuse protection	32/32/35 A
Fuse protection 1	32/32/35 A
Fuse protection 2	32/32/35 A
Fuse protection 3	32/32/40 A
Frequency	50/60 Hz
Frequency 1	50/60 Hz
Frequency 2	50/60 Hz

Frequency 3	50/- Hz
Phases	3/PE
Max. mains impedance at 380 V/50 Hz	0.247 Ohm
Max. mains impedance at 400 V/50 Hz	0.235 Ohm
Max. mains impedance at 415 V/50 Hz	0.226 Ohm
Conductivity σ15 ≤	1111 µS/cm
Resistivity ρ15 ≥	900 Ω cm

Versions

Adjustable connected load	•
Protection class	1
IP rating	IP25
Temperature setting	20-60 °C
Insulating block	Plastic
Heating system, heat generator	Bare wire
Cover and back panel	Plastic
Colour	white

Connections

Water connection	G 1/2 A

Application limits

Max. permissible pressure	1.00 MPa
Max. inlet temperature for reheating	55 °C
Max. permissible inlet temperature	60 °C

Switch-on water flow rate	>2,5 l/min

Values

Flow rate at 28 K	9,2/10,7/12,3 at 400 V l/min
Flow rate at 50 K	5,2/6,0/6,9 at 400 V l/min
Flow rate at 50 K 400 V	5.20 l/min
Pressure drop for flow rate at 50 K (without flow limiter)	0,06/0,08/0,1 MPa

Hydraulic data

Nominal capacity	0,4 l

Dimensions

Height	466 mm
Width	225 mm
Depth	116 mm

Weights

Weight	3.10 kg

STIEBEL ELTRON

Contact information

You have questions? We appreciate to help you:

Call **+27 10 001 85 47** Write an email to **info@stiebel-eltron.co.za**

Installation information

Please ask your local power supply utility or a registered electrician to install appliances that are not fully wired, i.e. ready to plug in. The electrician should also be able to assist you with obtaining the agreement of the respective power supply utility required for the appliance installation.

Website

www.stiebel-eltron.co.za