Comfort instantaneous water heater

DHB-E 18/21/24 LCD

ORDER NO: 236745



Key features

- Accurate temperature delivery with 3i technology and electronic closed-loop control
- Temperature shown on the LCD screen
- Precise temperature selection via rotary selector
- Suitable for preheated water up to 55 °C with reheating and up to a maximum of 70 °C without reheating.
- Greater convenience when installed undersink, since the appliance cover and the programming unit can be turned the other way up
- Quick installation with PROFI-RAPID
- High safety level as anti-scalding protection can be permanently activated
- Wide selection of models
- Highly flexible installation thanks to selectable appliance output – 18/21/24 kW in a single appliance



Type	DHB-E 18/21/24 LCD ORDER NO: 236745
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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 limit at	8 l/min
Flow rate at 28 K	9,2/10,7/12,3 (400 V) l/min
Flow rate at 50 K	5,2/6,0/6,9 (400 V) l/min
Pressure drop for flow rate at 50 K (with flow limiter)	0,1/0,13/0,17 MPa
Pressure drop for flow rate at 50 K (without flow limiter)	0,06/0,08/0,1 MPa
DHW delivery	9,.2/10,7/12,3 (400 V) l/min

Hydraulic data

Nominal capacity	0,4 l

Dimensions

Height	466 mm
Width	225 mm
Depth	116 mm

Weights

Weight	2.90 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