Compact instantaneous water heater

DCE-S 6/8 Plus

ORDER NO: 238153



DCE-S 10/12 Plus

ORDER NO: 238154

Key features

- Accurate temperature delivery with 3i technology and electronic closed-loop control
- High quality design | Made in Germany
- Quick installation with PROFI-RAPID
- Selectable output – can be adjusted internally
- Suitable for preheated water up to 55 °C with reheating and up to a maximum of 70 °C without reheating.
- Variable temperature selection via rotary selector
- High safety level as anti-scalding protection can be permanently activated
- Instant hot water thanks to rapid and maintenance-free bare wire heating system

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Technical data sheet





Type	DCE-S 6/8 Plus ORDER NO: 238153	DCE-S 10/12 Plus ORDER NO: 238154
Order No	238153	238154
Electrical data		
Rated voltage	220 V	220 V
Rated voltage 1	220 V	220 V
Rated voltage 2	230 V	230 V
Rated voltage 3	240 V	240 V
Rated output	6.0/8.0 kW	10.0/12.0 kW
Rated output 1	6.0/8.0 kW	10.0/12.0 kW
Rated output 2	6.6/8.7 kW	11.0/13.1 kW
Rated output 3	7.2/9.6 kW	12.0/14.3 kW
Rated current	27.3/36.4 A	45.5/54.5 A
Rated current 1	27.3/36.4 A	45.5/54.5 A
Rated current 2	28.5/38.0 A	47.8/57.0 A
Rated current 3	30.0/40.0 A	50.0/59.5 A
Fuse protection	30/40 A	50/60 A
Fuse protection 1	30/40 A	50/60 A
Fuse protection 2	30/40 A	50/60 A
Fuse protection 3	30/40 A	50/60 A
Frequency	50/60 Hz	50/60 Hz
Frequency 1	50/60 Hz	50/60 Hz
Frequency 2	50/60 Hz	50/60 Hz

Frequency 3	50/60 Hz	50/60 Hz
Phases	1/N/PE	1/N/PE
Max. mains impedance at 220 V/50 Hz	0.038 Ohm	0.026 Ohm
Max. mains impedance at 230 V/50 Hz	0.037 Ohm	0.025 Ohm
Max. mains impedance at 240 V/50 Hz	0.035 Ohm	0.024 Ohm
Conductivity σ15 ≤	910 µS/cm	910 µS/cm
Resistivity ρ15 ≥	1100 Ω cm	1100 Ω cm

Versions

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

Connections

Water connection	G 1/2 A	G 1/2 A

Application limits

Max. permissible pressure	1 MPa	1 MPa

Max. inlet temperature for reheating	55 °C	55 °C
Max. permissible inlet temperature	70 °C	70 °C
Max. inlet temperature (e.g. pasteurisation)	70 °C	70 °C
Switch-on water flow rate	1.3 l/min	1.3 l/min

Values

Flow rate limit at	4 l/min	5 l/min
Flow rate at 28 K	3.1/4.1 @ 220 V l/min	5.1/6.2 @ 220 V l/min
Flow rate at 50 K	1.7/2.3 @ 220 V l/min	2.9/3.5 @ 220 V l/min
Pressure drop for flow rate at 50 K (without flow limiter)	0.01/0.01 MPa	0.02/0.03 MPa
DHW delivery	3.1/4.1 @ 220 V l/min	5.1/6.2 @ 220 V l/min

Hydraulic data

Nominal capacity	0.277 l	0.277 l

Dimensions

Height	372 mm	372 mm
Width	217 mm	217 mm
Depth	109 mm	109 mm

Weights

Weight	2.50 kg	2.50 kg

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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