# Compact instantaneous water heater

## DCE-C 6/8 Trend

ORDER NO: 238148



DCE-C 10/12 Trend

ORDER NO: 238149

## Key features

- Constant preferred temperature with 2i technology and electronic open-loop control
- Quick installation with PROFI-RAPID
- Selectable output – can be adjusted internally
- High quality design | Made in Germany
- Suitable for preheated water up to 55 °C with reheating and up to a maximum of 70 °C without reheating.
- Permanently set DHW temperature – preferred temperature with cold water added at the tap
- Instant hot water thanks to rapid and maintenance-free bare wire heating system

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Technical data sheet





| Type | DCE-C 6/8 Trend<br>ORDER NO: 238148 | DCE-C 10/12 Trend<br>ORDER NO: 238149 |
|---|---|---|
| Order No | 238148 | 238149 |
| **Electrical data** | | |
| Rated voltage | 220 V | 220 V |
| Rated voltage 1 | 220 V | 220 V |
| Rated voltage 2 | 230 V | 230 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 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 |
| 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 |
| Frequency | 50/60 Hz | 50/60 Hz |
| Frequency 1 | 50/60 Hz | 50/60 Hz |
| Frequency 2 | 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 |
| 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 | 55 °C | 55 °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 | 97 mm | 97 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**