# Compact instantaneous water heater

## DCE-X 10/12 Premium

ORDER NO: 238159



DCE-X 6/8 Premium

ORDER NO: 238158

## Key features

- Easy operation via large, illuminated multifunction display
- Energy saving operation with ECO function
- Fully transparent costs thanks to water and power consumption indicator
- High quality design | Made in Germany
- Quick temperature selection with two memory buttons
- Safe operation thanks to extensive range of convenience and safety functions
- 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.
- Instant hot water thanks to rapid and maintenance-free bare wire heating system

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Technical data sheet





| Type | DCE-X 6/8 Premium<br>ORDER NO: 238158 | DCE-X 10/12 Premium<br>ORDER NO: 238159 |
|---|---|---|
| Order No | 238158 | 238159 |

## 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 | Off, 20 - 60/Ki, 20–60 °C | Off, 20 - 60/Ki, 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 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**