



Dimplex ecotronic DEE xx03 instantaneous waters heater

Uncompromising domestic hot water comfort

Hot water at the turn of a switch

Having hot water available quickly - at any time and at the right temperature - has become par for the course these days. At the same time, energy consumption, and thus also costs, which are a necessary part of heating, should be kept as low as possible. For this reason, more and more people are turning to decentralised domestic hot water preparation as a way of reducing heat loss in storage tanks and circulation pipes. The costs of oil and gas have, after all, been rising significantly. Decentralised electrical domestic hot water preparation provides a sensible alternative.

Higher standards in domestic hot water preparation

Dimplex ecotronic DEE instantaneous waters heater feature an elegant design in combination with functionality and efficiency. The electrically controlled heat output eliminates uncomfortable "contrast showers" caused by pressure fluctuations up to the performance limit. The unit is quick and easy to install thanks to its extremely flexible and accessible connection pipes and a shortened back panel.



ecotronic DEE xx03

DEE XX03 instantaneous waters heater

- ✓ Maximum DHW temperatures of up to 60°C thanks to infinitely variable temperature control with symbols
- ✓ Electronic output adjustment depending on flow rate
- ✓ High resistance to lime scale formation thanks to a special type of flow in the radiator and bare wired heating systems
- ✓ Reduced switch-on volume flow of only 2.6 l/min, making hot water immediately available even when smaller volumes are drawn
- ✓ Hose water proof protection (IP25) for installation, VDE certification

Fast installation

The innovative mounting concept makes it easy to replace older devices and quickly install new ones, this goes for any type of electrical supply available. The DEE series of instantaneous waters heater are completely prepared before delivery and fit without any additional mounting accessories.

| Order reference | | DEE 1803 | DEE 2103 | DEE 2403 |
|---|-----------|---------------------|---------------------|---------------------|
| Rated power | kW | 18 | 21 | 24 |
| Adjustable temperature from - to (water inlet temperature 12°C) | °C | Approx. 30°C - 60°C | Approx. 30°C - 60°C | Approx. 30°C - 60°C |
| Hot water output at inlet temperature 12 °C | | | | |
| At hot water temperature 38°C | l/min | 9,9 | 11,6 | 13,2 |
| At hot water temperature 60°C | l/min | 5,4 | 6,3 | 7,2 |
| Switch-on volume flow rate | l/min | 2,6 | 2,6 | 2,6 |
| Flow pressure at nominal power and 60°C | | | | |
| With flow rate volume meter | MPa (bar) | 0,028 (0,28) | 0,035 (0,35) | 0,048 (0,48) |
| Without flow rate volume meter | MPa (bar) | 0,013 (0,13) | 0,020 (0,20) | 0,026 (0,26) |
| Cable cross-section | mm | 4 | 4 | 6 |
| Electrical connection 3/PE- nominal current | V/A | 400/26 | 400/30,3 | 400/35 |
| Fuse protection | A | 32 | 32 | 35/40 |
| Maximum inlet temperature | °C | 20 | 20 | 20 |
| Connection screw threads for water inlet pipe / water outlet pipe | inch | 1/2 | 1/2 | 1/2 |
| Width x Height x Depth | mm | 236 x 472 x 139 | 236 x 472 x 139 | 236 x 472 x 139 |
| Weight | kg | 4,1 | 4,1 | 4,1 |
| Operating range, water | | | | |
| Electrical conductivity | µS/m | <= 770 | <= 770 | <= 770 |
| Electrical resistance at 15°C | Ω cm | >= 1300 | >= 1300 | >= 1300 |

Safety and possible application

The water proof design (IP25) in combination with the VDE certification leaves nothing to be desired in terms of possible applications and safety.



INNOVATIVE HEATING AND COOLING

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Subject to change and errors!