

## PRODUCT DATA SHEET

Standing: 2024-09-05

### LAUDA ECO E 4 G

Heating thermostat 220 V; 60 Hz

Part Number: L001177

#### Features

- Thermostatic bath/circulator with latest microprocessor technology
- Coloured TFT display for simultaneous indication of actual & set values and graphic illustration of the temperature profile
- User friendly menu navigation in plain language
- Easy input via cursor and soft keys. Additional Tmax key for overtemperature protection
- Fully electronic continuous controller with PID action
- Safety class III for operation with flammable and non-flammable liquids. Over-temperature cut-out adjustable via menu
- Vario pump with six adjustable performance levels
- Easy control of the flow rate between internal and external circulation during operation without contact with the bath
- USB interface as standard
- Upgradeable with an interface module (analogue module, contact module, RS 232/485 module, Profibus, Ethernet-USB module)
- Upgradeable with Pt 100/LiBus module for external control and remote control via Command console
- Programmer with 150 temperature/time segments that can be separated into 5 programs
- Pump connectors with metal connectors, thread M 16 x 1 as standard
- Bath vessel made from stainless steel with drain valve
- Cooling coil as standard



Reserve technical changes



Working temperature min.  
20 °C



Working temperature max.  
200 °C

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WEEE-Reg.-Nr.: DE 66 42 40 57

Kommanditgesellschaft: Sitz Lauda-Königshofen  
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Persönlich haftende Gesellschafterin:  
LAUDA DR. R. WOBSEY Verwaltungs-GmbH  
Sitz Lauda-Königshofen  
Registergericht Mannheim • HRB 560226

Geschäftsführer:  
Dr. Gunther Wobser (Vors.), Dr. Mario Englert,  
Dr. Marc Stricker  
Beirat: Dr. Gerhard Wobser

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### Technical Features (according to DIN 12876)

|                                |                                   |
|--------------------------------|-----------------------------------|
| Working temperature range      | 20 ... 200 °C                     |
| Ambient temperature range      | 5 ... 40 °C                       |
| Temperature stability          | 0.01 ± K                          |
| Heater power max.              | 2.4 kW                            |
| Power consumption max.         | 2.5 kW                            |
| Current max.                   | 12 A                              |
| Pump Pressure max.             | 0,6 bar                           |
| Pump flow rate max. (pressure) | 22 L/min                          |
| Bath volume min. / max.        | 3.0 / 3.5 L                       |
| Size of bath (W x D x H)       | 135 x 105 x 150 mm                |
| Overall dimensions (WxDxH)     | 168 x 272 x 376 mm                |
| Power supply                   | 220 V; 60 Hz                      |
| Power plug                     | Power cord with plug (NEMA 6-20P) |

### Standard accessories

- 1 Bath cover
- 2 screw caps, 2 closing plugs
- 2 nipples 13 mm for pump connectors

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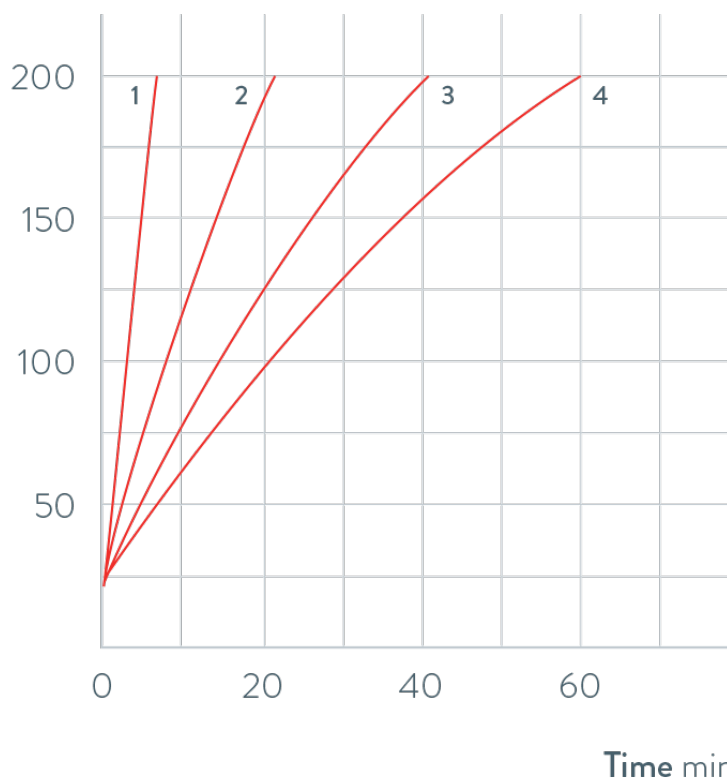
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### HEATING PERFORMANCE Heat transfer liquid: Therm 250, bath closed

Bath temperature °C



- 1 E 4 G
- 2 E 10 G
- 3 E 20 G
- 4 E 25 G

Reserve technical changes

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