

## PRODUCT DATA SHEET

Standing: 2022-04-30

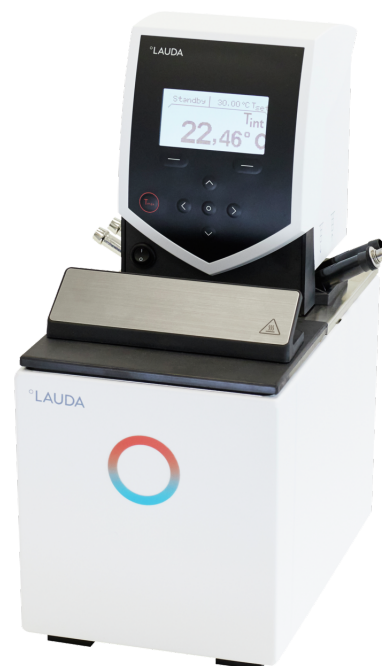
### LAUDA ECO E 4 S

Heating thermostat 230 V; 50/60 Hz

Part Number: L001084

#### Features

- Thermostatic bath/circulator with latest microprocessor technology
- Monochrome graphic LCD display for simultaneous indication of actual and set value
- 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
- Integrated programmer, 1 programme with max. 20 segments
- Pump connectors with plastic nipples 13 mm 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

LAUDA DR. R. WOBSEY GMBH & CO. KG  
Laudaplatz 1 • 97922 Lauda-Königshofen • DE

T + 49 (0) 9343 503-0 • F + 49 (0) 9343 503-222  
info@lauda.de • www.lauda.de  
WEEE-Reg.-Nr.: DE 66 42 40 57

Kommanditgesellschaft: Sitz Lauda-Königshofen  
Registergericht Mannheim • HRA 560069

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. Ralf Hermann, 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 kW                                 |
| Power consumption max.       | 2.1 kW                               |
| Current max.                 | 10 A                                 |
| Pump Pressure max.           | 0.6 bar                              |
| Pump flow rate pressure max. | 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                   |
| Weight                       | 7 kg                                 |
| Power supply                 | 230 V; 50/60 Hz                      |
| Power plug                   | Power cord with angled plug (CEE7/7) |

Reserve technical changes

### Standard accessories

- 1 Bath cover
- 1 closing plug

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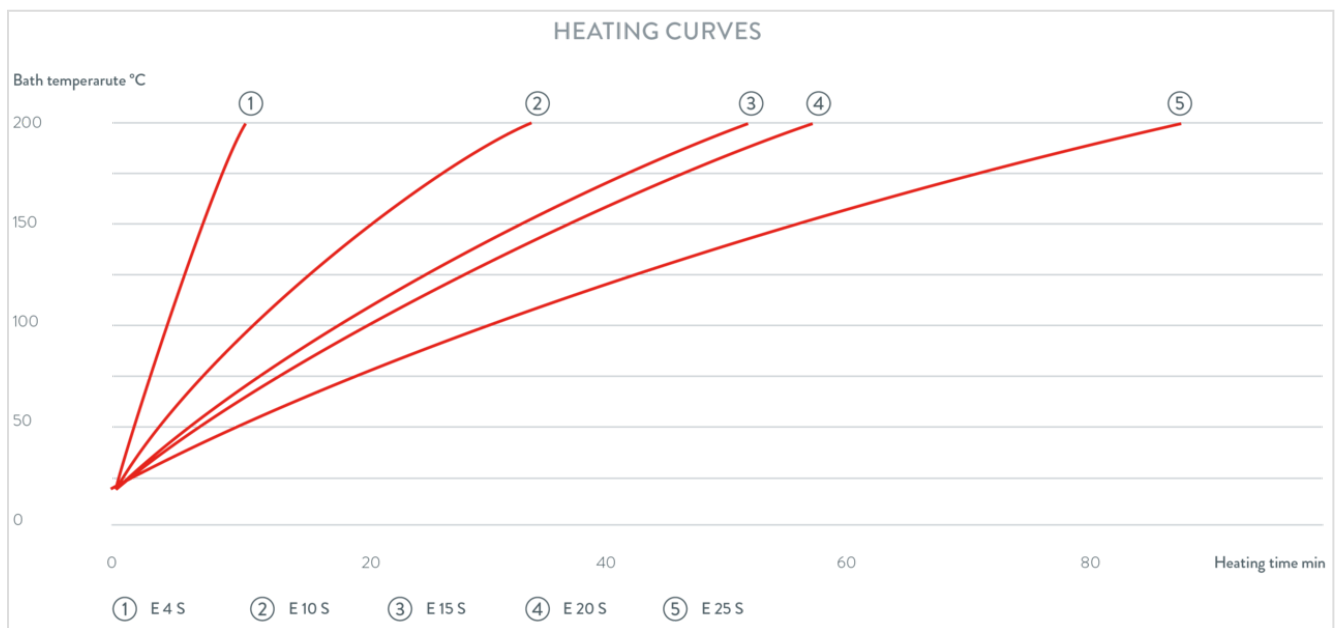
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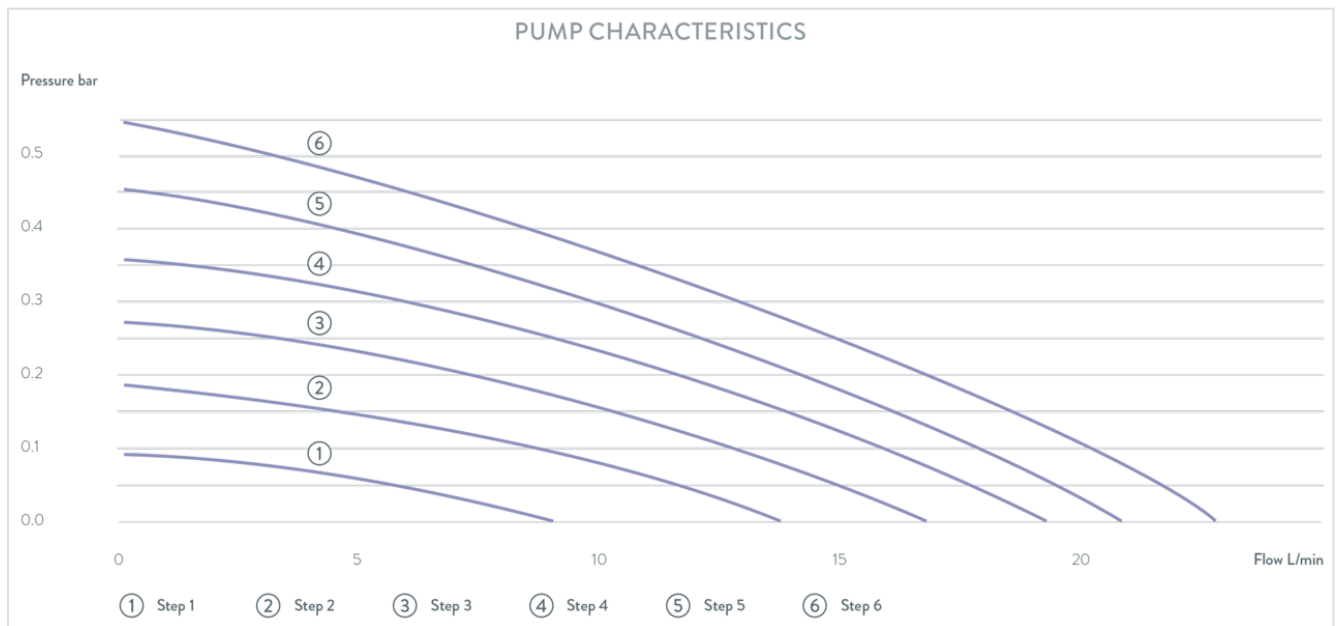
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