

PRODUCT DATA SHEET

Published: 2026-03-10

LAUDA Universa ECO

Immersion thermostat 200-240 V; 50/60 Hz

Part Number: L004577

Features

- Bath circulation thermostat for standard temperature control tasks up to 100 °C – reliable and intuitive to use.
- Future-proof thanks to modularity: LAUDA Universa with interchangeable control head and heating/cooling base allows flexible adaptation to current and future requirements.
- Bright VA LC display with clear two-line display and intuitive 3-button operation.
- Reliable circulation pump with flow reduction for adjusted volume flow and constant pressure.
- Integrated timer with countdown function for time-controlled temperature control processes.
- Intelligent remote control and monitoring: Integrated web server allows flexible remote control in the company network via the LAUDA Command app or browser-based, secured by PKI and 2-factor authentication. The connection to LAUDA.LIVE enables global, cloud-based data analysis and remote maintenance.
- Modern connectivity thanks to standard integrated Ethernet and USB interfaces for reliable data communication.
- Proven safety features: low-level and overheating protection for operation with non-flammable liquids, audible and visual alarm signals.



Working temperature min.
35 °C



Working temperature max.
100 °C

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

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Technical Features

| | |
|---|--------------------------------------|
| Working temperature range | 35 ... 100 °C |
| Working temperature range with external cooling | 20 ... 100 °C |
| Operating temperature range | -30 ... 100 °C |
| Ambient temperature range | 5 ... 40 °C |
| Temperature stability | 0.05 ± K |
| Pump Pressure max. | 0,2 bar |
| Pump flow rate max. (pressure) | 15 L/min |
| Overall dimensions (WxDxH) | 195 x 231 x 307 mm |
| Weight | 4 kg |
| Power supply | 200-240 V, 50/60 Hz |
| Power plug | Power cord with angled plug (BS1363) |

Standard accessories

- Screw clamp with protective plate

Reserve technical changes

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