

## PRODUCT DATA SHEET

Published: 2026-10-11

LAUDA Universa U 8 E

Heating thermostat 200-240 V; 50/60 Hz

Part Number: L004311

### 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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Persönlich haftende Gesellschafterin:  
LAUDA DR. R. WOBSEY Verwaltungs-GmbH  
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Registergericht Mannheim • HRB 560226

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

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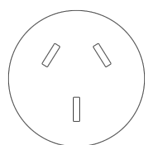
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### Technical Features

|                                                 |                                      |
|-------------------------------------------------|--------------------------------------|
| 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                             |
| Heating capacity range                          | 1.6 ... 2.2 kW                       |
| Power consumption max.                          | 2.4 kW                               |
| Current max.                                    | 10 A                                 |
| Size of bath (W x D x H)                        | 150 x 150 x 200 mm                   |
| Bath opening (WxT)                              | 150 x 150 mm                         |
| Bath volume min. / max.                         | 6.6 / 8.8 L                          |
| Pump Pressure max.                              | 0,2 bar                              |
| Pump flow rate max. (pressure)                  | 15 L/min                             |
| Overall dimensions (WxDxH)                      | 230 x 400 x 450 mm                   |
| Weight                                          | 10 kg                                |
| Power supply                                    | 200-240 V, 50/60 Hz                  |
| Power plug                                      | Power cord with plug (GB2099, 15934) |

Reserve technical changes



Power cord with plug (GB2099, 15934)

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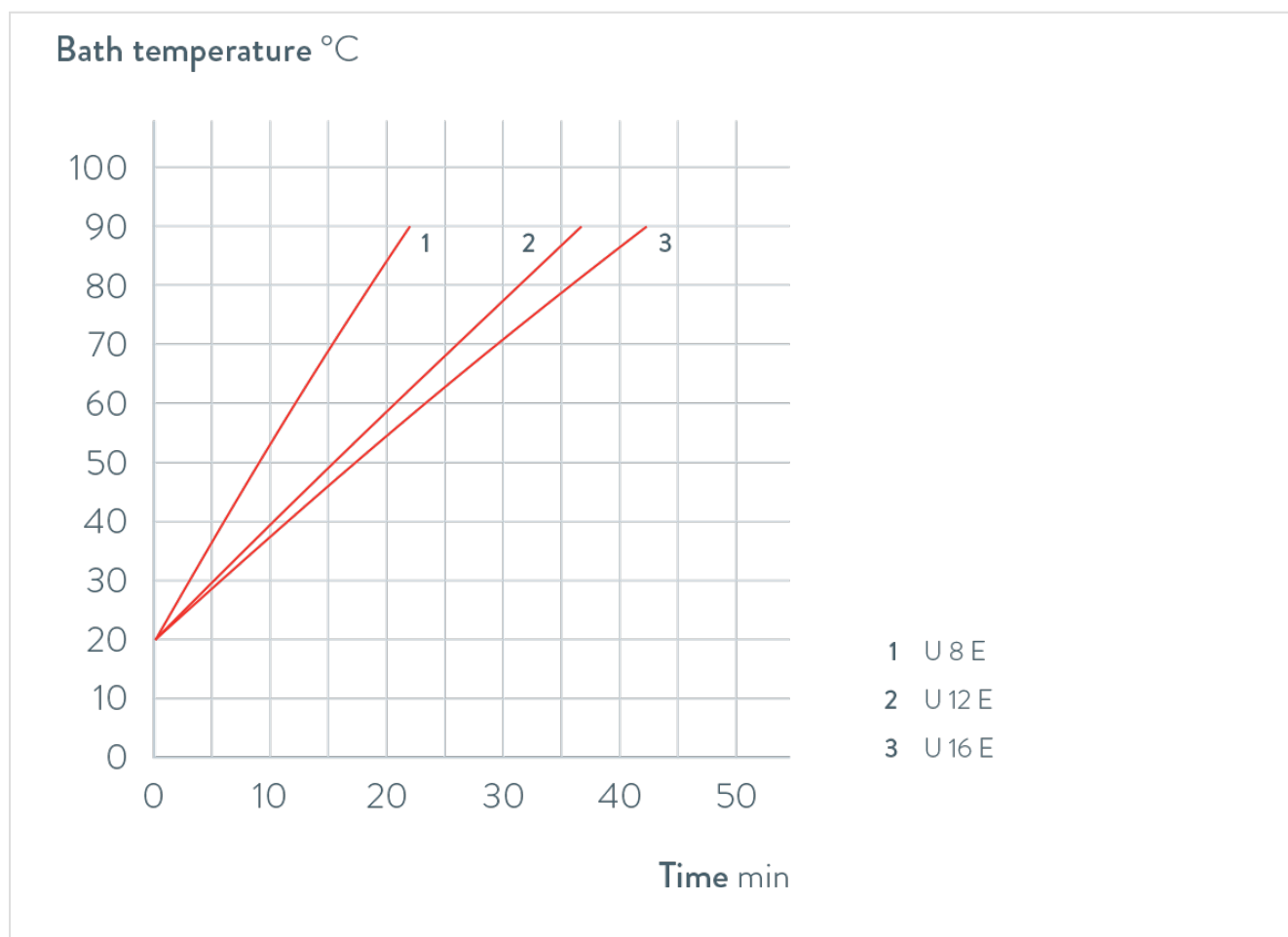
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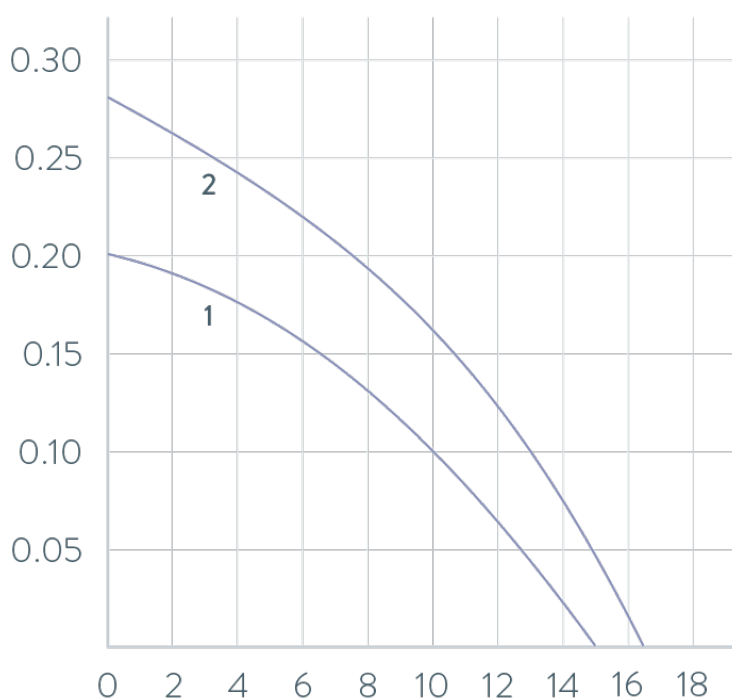
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### PUMP CHARACTERISTIC Heat transfer liquid: Water

Pressure bar



1 50 Hz

2 60 Hz

Flow rate L/min

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