PRODUCT DATA SHEET

Published: 2026-06-08

LAUDA Universa U 12 E
Heating thermostat 200-240 V; 50/60 Hz
Part Number: L004004

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.
- Wireless communication: Integrated WLAN enables effortless connection with PC, tablet and smartphone.
- Proven safety features: low-level and overheating protection for operation with non-flammable liquids, audible and visual alarm signals.

Reserve technical changes

Options included

- Integrated Wi-Fi communication: The device may only be imported and used in certified countries and regions: United States of America, Canada, EU including the UK and Switzerland, and India.

Working temperature min.
35 °C

Working temperature max.
100 °C

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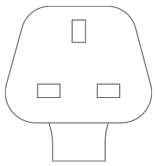
Technical Features	
Working temperature range	35 ... 100 °C
Working temperature range with external cooling	20 ... 100 °C
Operating temperature range	-30 ... 100 °C
Ambient temperature range	5 ... 40 °C
Temperature stability	0.05 ± K
Heating capacity range	1.6 ... 2.2 kW
Power consumption max.	2.4 kW
Current max.	10 A
Size of bath (W x D x H)	200 x 200 x 200 mm
Bath opening (WxT)	200 x 200 mm
Bath volume min. / max.	10.8 / 14.3 L
Pump Pressure max.	0,2 bar
Pump flow rate max. (pressure)	15 L/min
Overall dimensions (WxDxH)	280 x 450 x 450 mm
Weight	12 kg
Power supply	200-240 V, 50/60 Hz
Power plug	Power cord with angled plug (BS1363)



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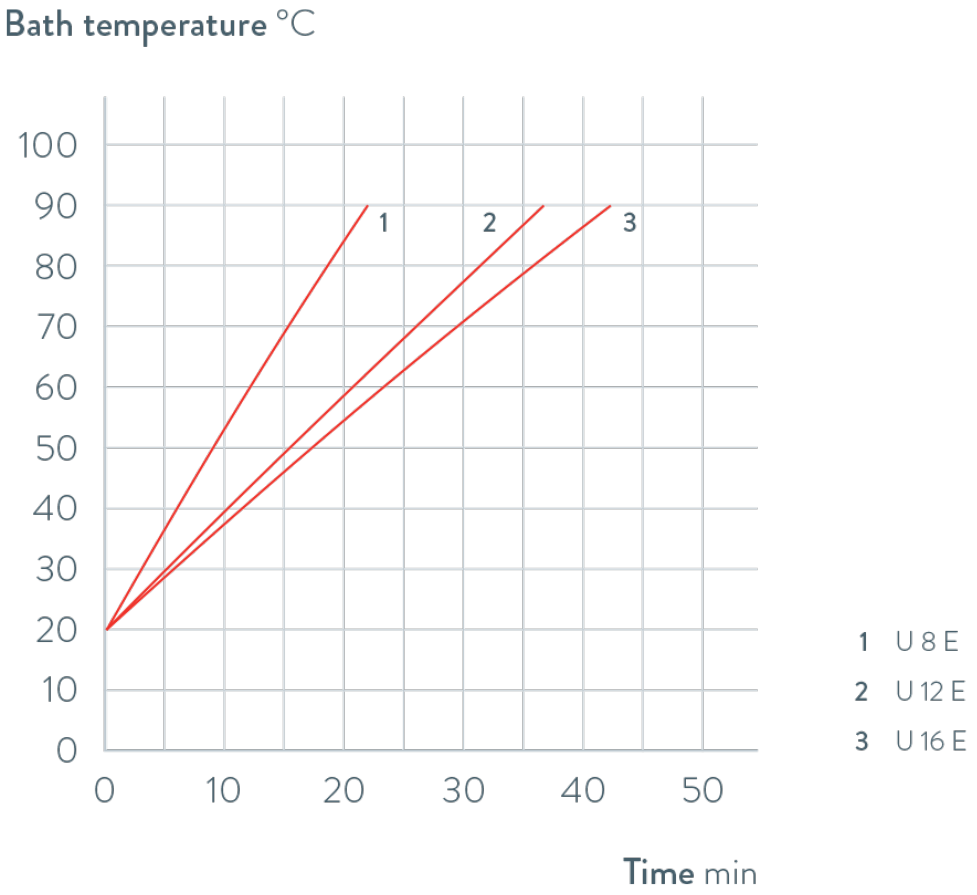

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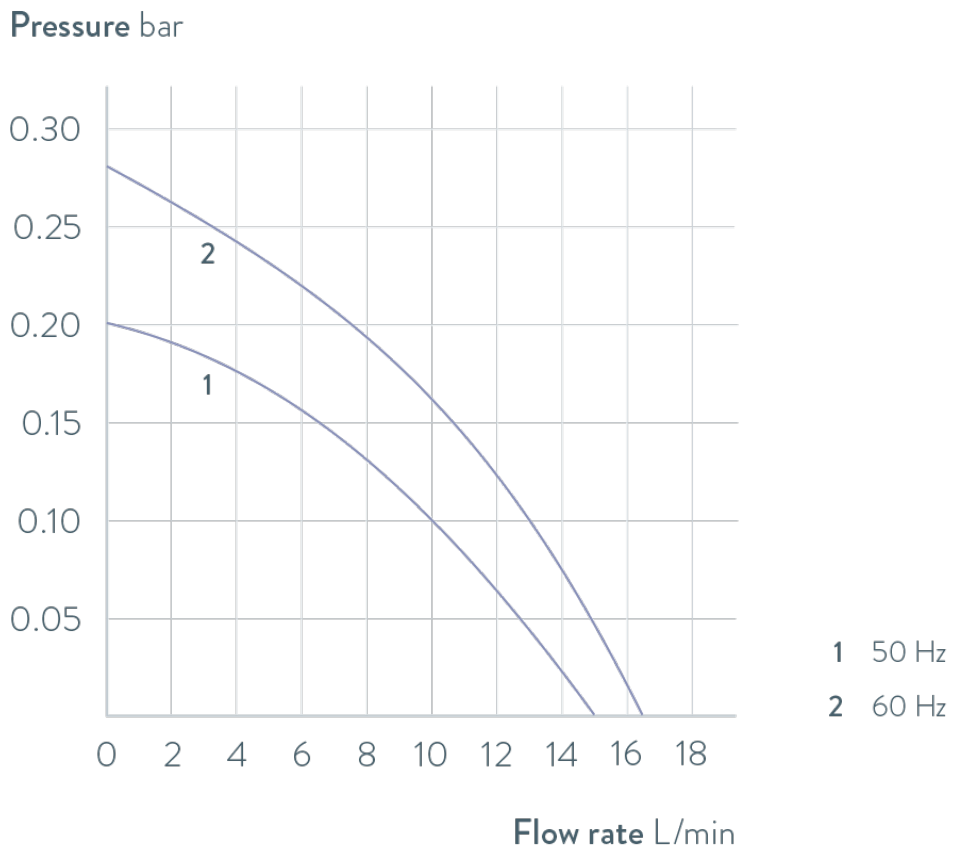
PUMP CHARACTERISTIC Heat transfer liquid: Water



Reserve technical changes

WolfLabs

Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct.
If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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Please contact us if this literature doesn't answer all your questions.