

PRODUCT DATA SHEET

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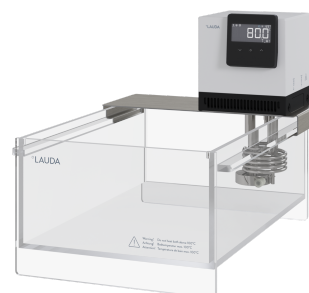
LAUDA Universa U 20 TE

Heating thermostat 100-125 V; 50/60 Hz

Part Number: L004724

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.
- Bath circulation thermostat with advanced electronics ensures precise control accuracy
- Adaptive bath edge ventilation (patent application): - Prevents icing and condensation - Stops water entering the bath - Blocks vapors to protect electronics. To increase operational safety and extend service life.



Working temperature min.
35 °C



Working temperature max.
100 °C

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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
Heating capacity range	0.9 ... 1.4 kW
Power consumption max.	1.5 kW
Current max.	12 A
Size of bath (W x D x H)	300 x 343 x 160 mm
Bath opening (WxT)	300 x 343 mm
Bath volume min. / max.	13.3 / 20.0 L
Pump Pressure max.	0,2 bar
Pump flow rate max. (pressure)	15 L/min
Overall dimensions (WxDxH)	363 x 510 x 381 mm
Weight	18 kg
Power supply	100-125 V; 50/60 Hz
Power plug	Power cord with plug (NEMA 5-15P)

Reserve technical changes



Power cord with plug (NEMA 5-15P)

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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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