

PRODUCT DATA SHEET

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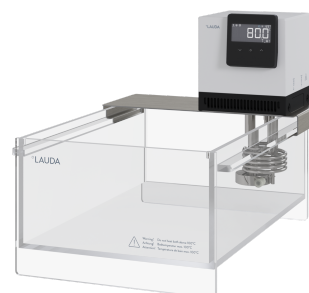
LAUDA Universa U 20 TE

Heating thermostat 200-240 V; 50/60 Hz

Part Number: L004715

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

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

T + 49 (0) 9343 503-0
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. 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	1.6 ... 2.2 kW
Power consumption max.	2.4 kW
Current max.	10 A
Size of bath (W x D x H)	300 x 343 x 160 mm
Bath opening (WxD)	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	200-240 V, 50/60 Hz
Power plug	Power cord with angled plug (CEE7/7)

Reserve technical changes



Power cord with angled plug (CEE7/7)

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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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