PRODUCT DATA SHEET

Published: 2026-07-06

LAUDA Universa U 20 TP
Heating thermostat 200-240 V; 50/60 Hz
Part Number: L004569

Features

- Bath circulation thermostat with advanced electronics ensures precise control accuracy
- Future-proof thanks to modularity: LAUDA Universa with interchangeable control head and heating/cooling base allows flexible adaptation to current and future requirements.
- Clear overview, intuitive operation: The 3,5-inch colour TFT display provides a progression graph, offers a clear menu navigation in six languages and easy to read operating status icons - easily controlled via cursor and soft keys.
- Focus on safety: The dedicated Tmax button provides convenient access to the essential overtemperature protection setting during commissioning.
- Efficient vario pump with six adjustable performance levels. The flexible flow distribution for internal and external circulation ensures optimum volume flow and pressure.
- Easily accessible front switch on the control head allows the pump output to be adjusted during operation.
- 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.
- Features include programmer, calibration options and weekly scheduler for versatile and precise process control.
- 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.
- Flexible networking: Modern connectivity through integrated Ethernet and USB interfaces as standard, plus eleven optional interface modules for versatile communication solutions.
- Comprehensive safety concept: - Reliable low-level protection with float technology, - Adjustable overtemperature protection with acoustic alarm, - Smart temperature control media management with automatic limit value adjustment. For reliable operation and improved safety of your valuable samples.

Working temperature min.
30 °C

Working temperature max.
100 °C

Reserve technical changes

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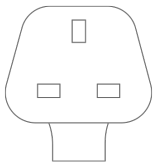
Technical Features	
Working temperature range	30 ... 100 °C
Working temperature range with external cooling	20 ... 100 °C
Operating temperature range	-30 ... 100 °C
Ambient temperature range	5 ... 40 °C
Temperature stability	0.01 ± K
Heating capacity range	1.9 ... 2.8 kW
Power consumption max.	2.9 kW
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.	13.0 / 19.0 L
Pump Pressure max.	0,6 bar
Pump flow rate max. (pressure)	22 L/min
Overall dimensions (WxDxH)	363 x 513 x 407 mm
Weight	19 kg
Power supply	200-240 V, 50/60 Hz
Power plug	Power cord with angled plug (BS1363)



Power cord with angled plug (BS1363)

Standard accessories

- Cooling coil with M16x1 stainless steel connections

Reserve technical changes

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- 2 hose olives 13.5 mm, 2 union nuts

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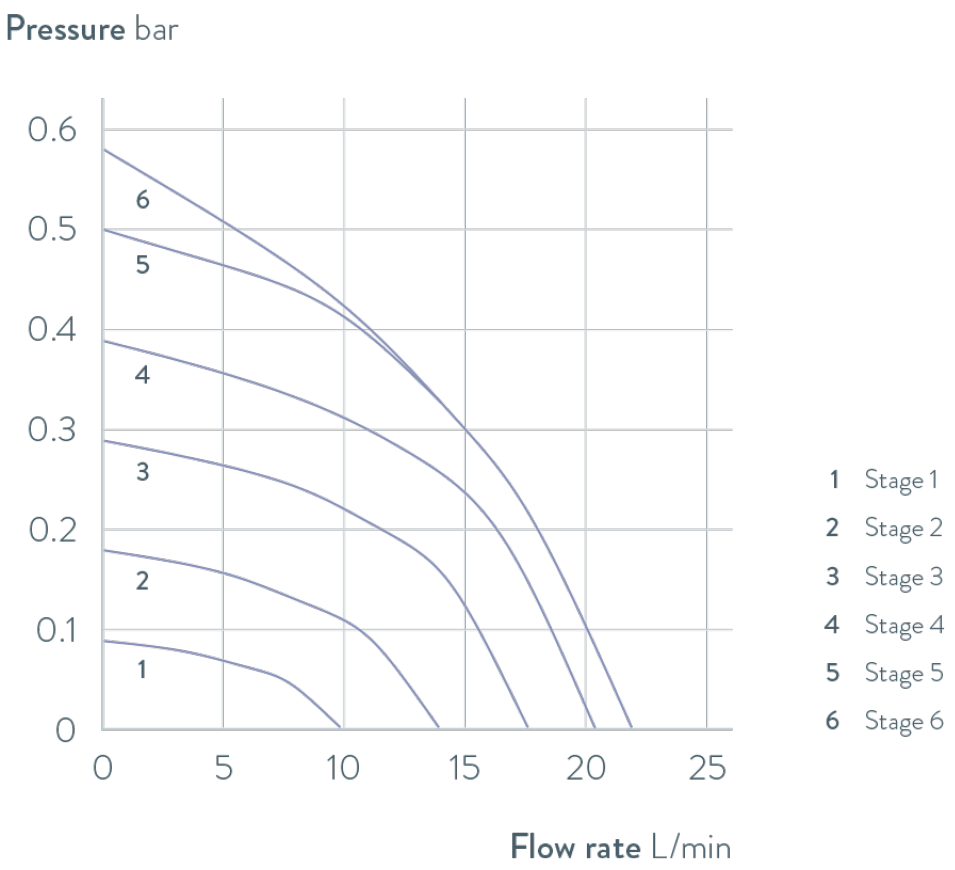
PUMP CHARACTERISTIC Heat transfer liquid: Water



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.