PRODUCT DATA SHEET

Standing: 2024-11-04

LAUDA Proline PVL 24 C
Clear-view thermostat 230 V; 50/60 Hz
Part Number: L001555

Features

- Thermostatic bath/circulator with latest microprocessor technology and many functions for programming and information and installed cooling coil
- Back-lit graphic LCD display with high resolution and different display modes
- Additional green LED display for temperature
- Input either via cursor keys, numeric soft keys or both. Additional Tmax key for overtemperature
- Command console can be detached and used as remote control
- EasyUse system for simple operation of the whole unit
- SelfCheck Assistant for system diagnosis
- Fully electronic continuous controller with PID action for internal & external control
- PowerAdapt system for the use of the maximum possible amount of heat permitted by the power supply system
- Low-level and adjustable over-temperature protection with acoustic alarm for use with flammable and non-flammable liquids
- LAUDA Varioflex pump (pressure) with 8 selectable levels
- Optically decoupled RS 232/485 interface integrated as a standard
- Option for upgrading with up to 2 interfaces (RS 232/485, Profibus, analogue or contact modules, Ethernet-USB module)
- Programmer with 150 temperature/time segments that can be separated into 5 programs
- Timer function for switching on the thermostat, entering the standyby mode or running of programs
- Measuring chamber with 4 layers of special insulating glass for low temperatures down to -60 °C
- Pump connectors on the side and in the back, installed bypass
- Bath vessel made of stainless steel (insulated, with handles and drain tap)

Working temperature min.
30 °C

Working temperature max.
100 °C

Reserve technical changes

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WEEE-Reg-Nr.: DE 66 42 40 57

Kommanditgesellschaft: Sitz Lauda-Königshofen
Registergericht Mannheim • HRA 560069

Persönlich haftende Gesellschafterin:
LAUDA DR. R. WOBSER 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 (according to DIN 12876)	
Working temperature range	30 ... 100 °C
Working temperature range with external cooling	20 ... 100 °C
Operating temperature range	-60 ... 100 °C
Ambient temperature range	5 ... 40 °C
Temperature stability	0.01 ± K
Heater power max.	2.9 kW
Current max.	13 A
Power consumption max.	3 kW
Pump Pressure max.	0,8 bar
Pump flow rate max. (pressure)	25 L/min
Bath volume min. / max.	19.0 / 24.0 L
Size of bath (W x D x H)	405 x 135 x 320 mm
Overall dimensions (WxDxH)	740 x 282 x 646 mm
Weight	46 kg
Power supply	230 V; 50/60 Hz
Power plug	Power cord with angled plug (BS1363)

Reserve technical changes

Standard accessories

- 4 screw caps, 4 closing plugs
- 2 nipples 13 mm for pump connectors
- 2 nipples for cooling coil

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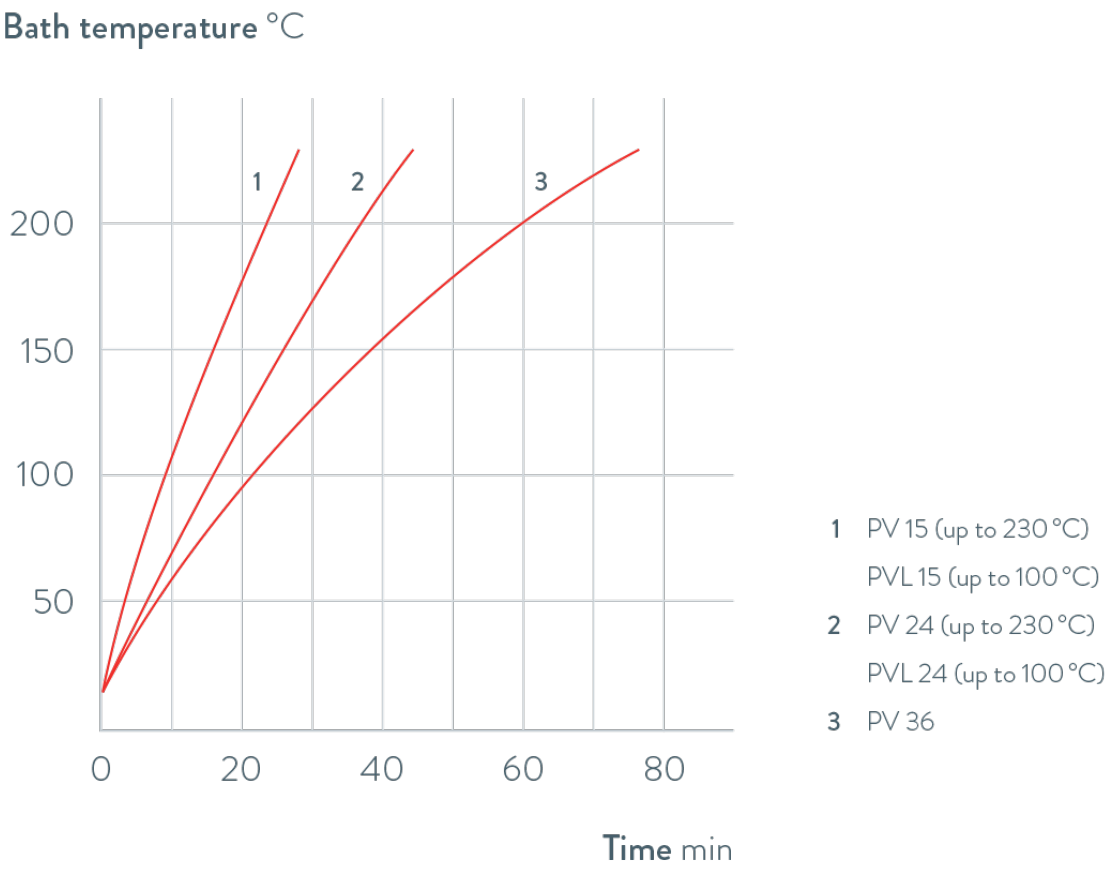
HEATING PERFORMANCE Heat transfer liquid: Therm 250, bath closed



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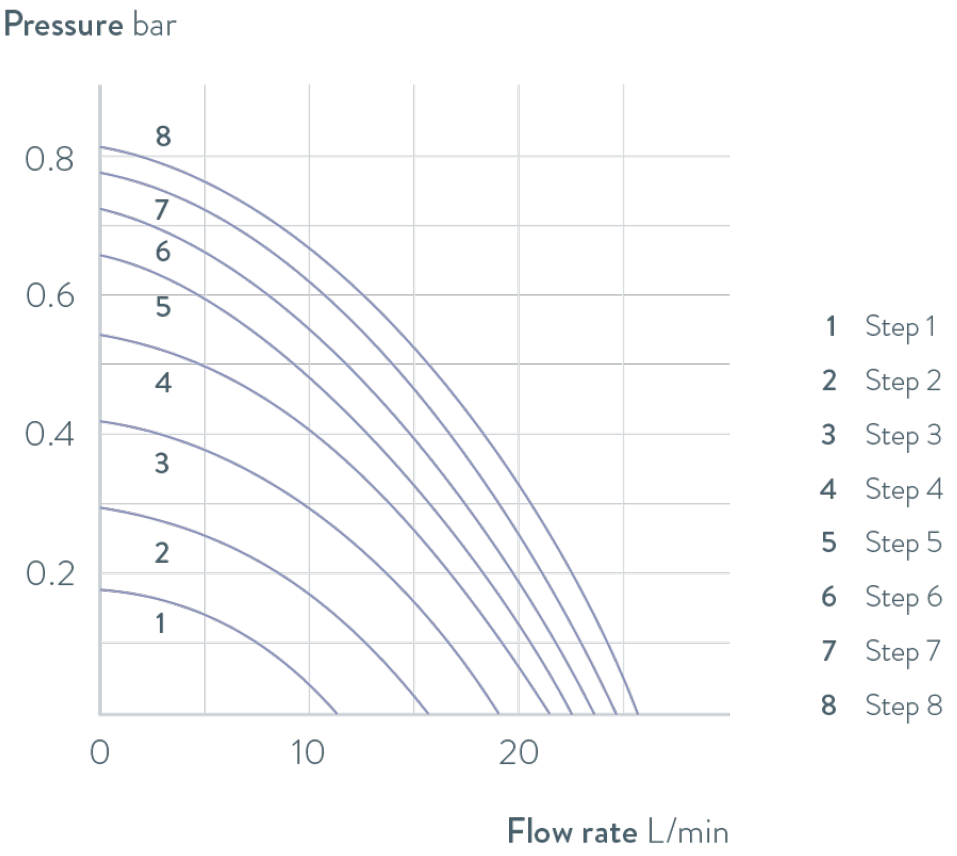
PUMP CHARACTERISTIC for PBD and PBD C, Heat transfer liquid: Water



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