

PRODUCT DATA SHEET

Standing: 2024-03-21

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 standby 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

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

Kommanditgesellschaft: Sitz Lauda-Königshofen
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Geschäftsführer:
Dr. Gunther Wobser (Vors.), Dr. Mario Englert,
Dr. Ralf Hermann, 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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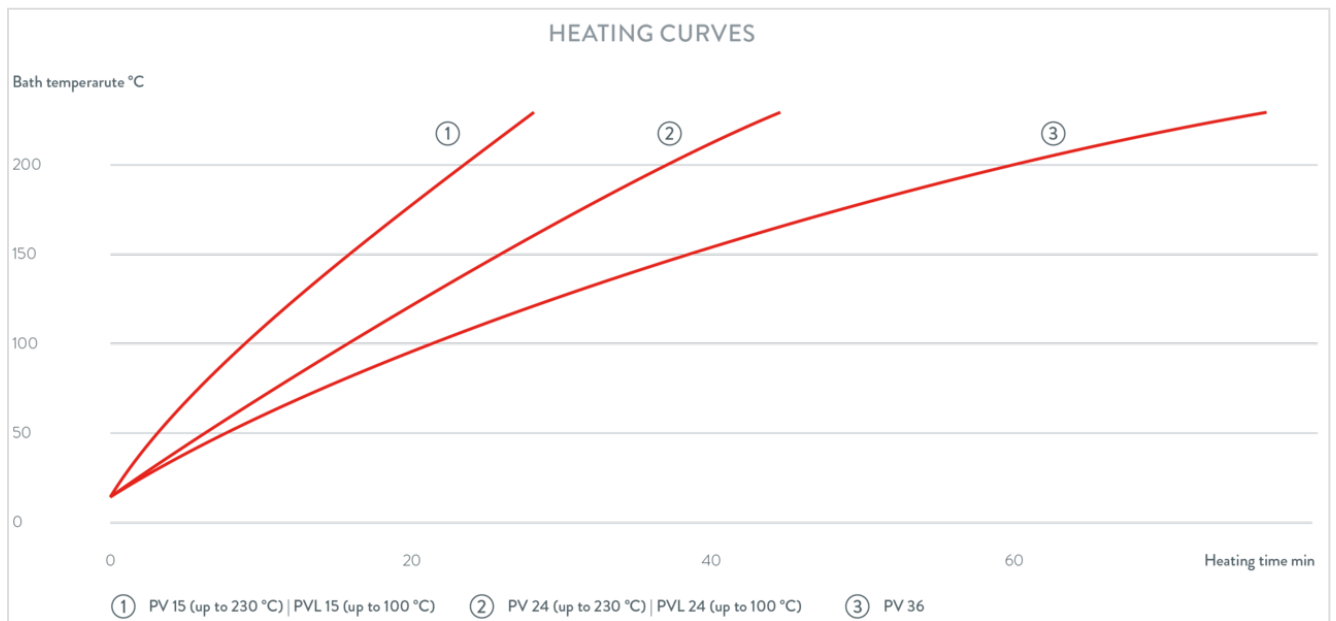
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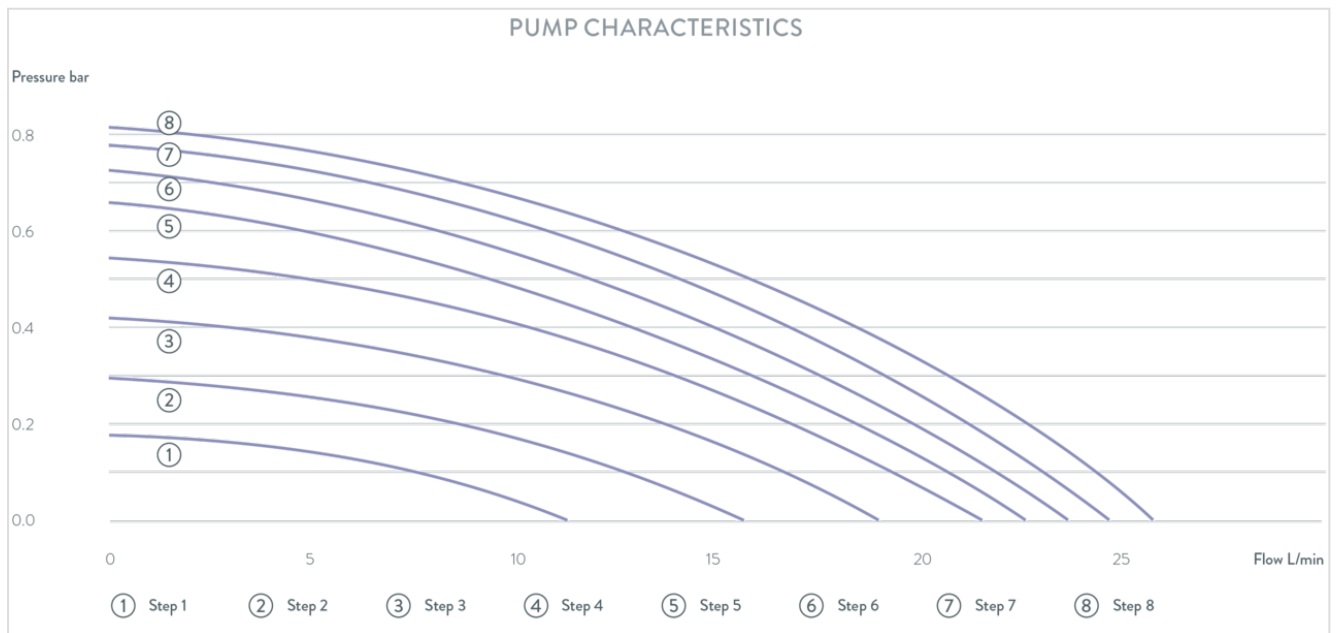
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