

## PRODUCT DATA SHEET

Standing: 2023-03-31

### LAUDA Proline PV 36 C

Clear-view thermostat 230 V; 50/60 Hz

Part Number: L001537

#### 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 big windows front and back
- 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.  
230 °C

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

T + 49 (0) 9343 503-0 • F + 49 (0) 9343 503-222  
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. Ralf Hermann, Dr. Marc Stricker  
Beirat: Dr. Gerhard Wobser

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### Technical Features (according to DIN 12876)

|   |                                      |
|---|--------------------------------------|
| Working temperature range                       | 30 ... 230 °C                        |
| Working temperature range with external cooling | 20 ... 230 °C                        |
| Operating temperature range                     | 0 ... 230 °C                         |
| Ambient temperature range                       | 5 ... 40 °C                          |
| Temperature stability                           | 0.01 ± K                             |
| Heater power max.                               | 3.6 kW                               |
| Current max.                                    | 16 A                                 |
| Power consumption max.                          | 3.7 kW                               |
| Pump Pressure max.                              | 0,8 bar                              |
| Pump flow rate max. (pressure)                  | 25 L/min                             |
| Bath volume min. / max.                         | 28.0 / 36.0 L                        |
| Size of bath (W x D x H)                        | 585 x 135 x 320 mm                   |
| Overall dimensions (WxDxH)                      | 1040 x 282 x 646 mm                  |
| Weight  | 50 kg                                |
| Power supply                                    | 230 V; 50/60 Hz                      |
| Power plug                                      | Power cord with angled plug (CEE7/7) |

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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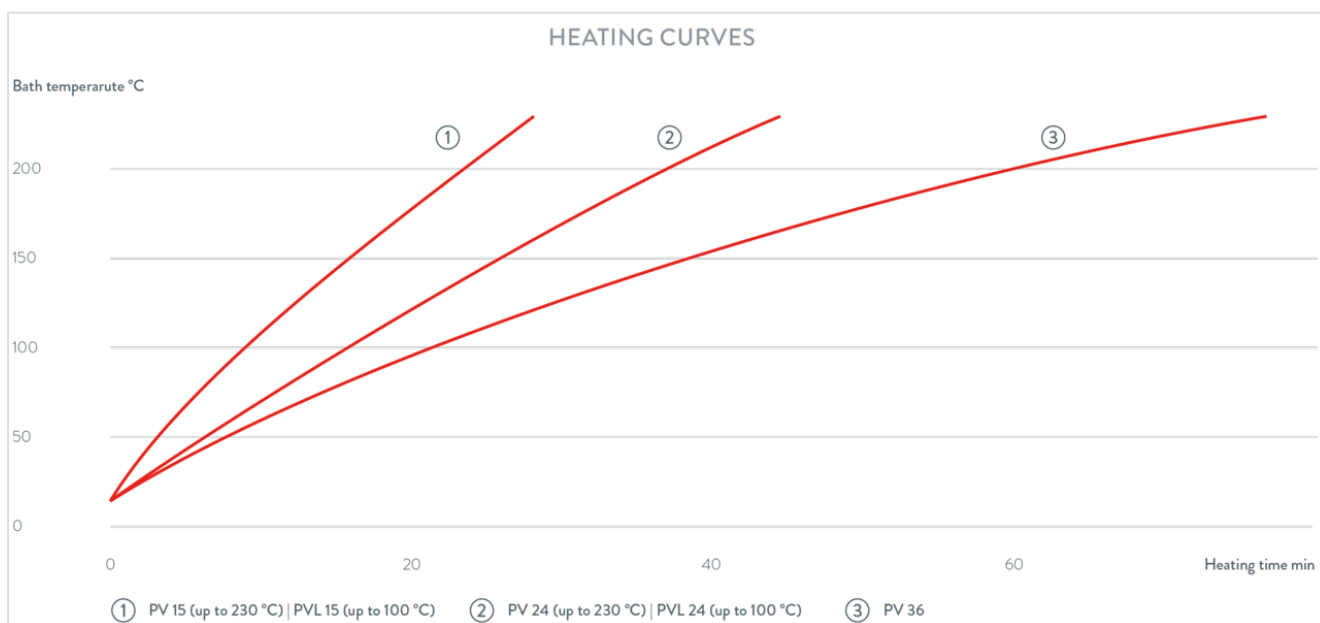
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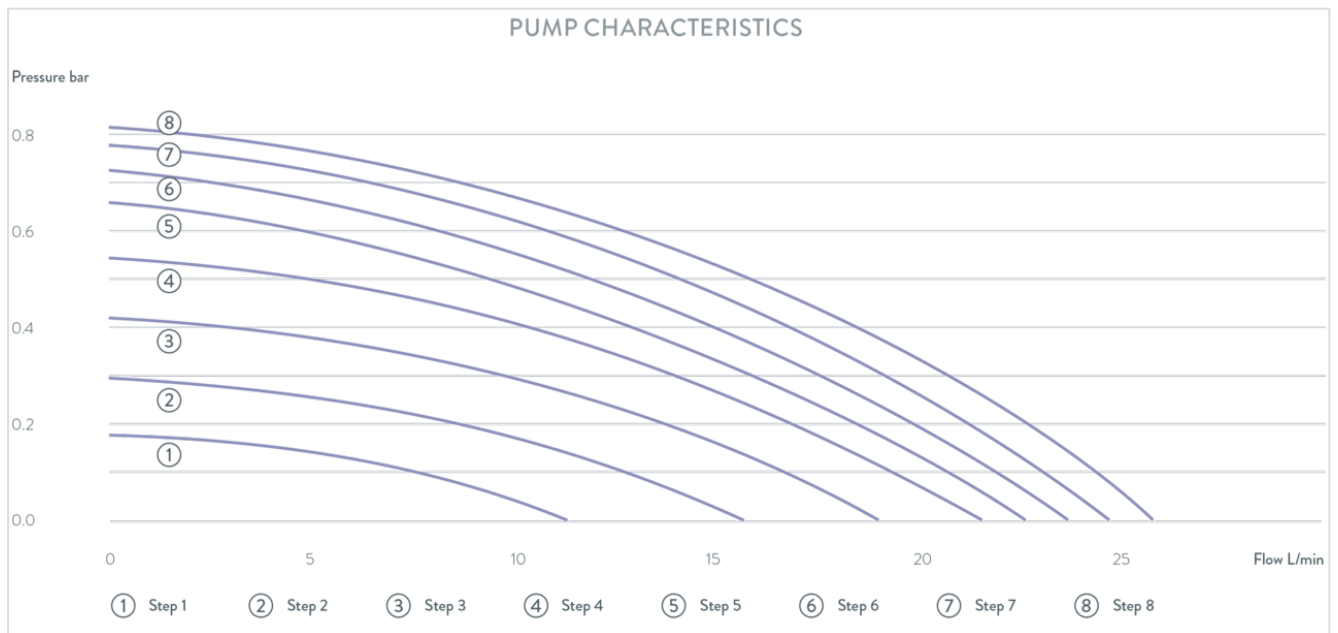
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