

## PRODUCT DATA SHEET

Standing: 2024-11-04

LAUDA Proline PjL 12

Calibration thermostat 115 V; 60 Hz

Part Number: L001939

### Features

- Calibration thermostatic bath with latest microprocessor technology and installed cooling coil
- Easily readable green LED display for temperature
- User-friendly menu guidance with simplest 3-key operation
- 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
- Option for upgrading with up to 2 interfaces (RS 232/485, Profibus, analogue or contact modules, Ethernet-USB module)
- 2-chamber construction for constant level in the thermostating chamber
- Pump connectors on the side and in the back, installed bypass
- Bath from stainless steel (specially insulated for low-temperature work, with carrying handles and drain tap)
- For low temperatures an external cooling source is required



Working temperature min.  
30 °C



Working temperature max.  
200 °C

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

Kommanditgesellschaft: Sitz Lauda-Königshofen  
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Persönlich haftende Gesellschafterin:  
LAUDA DR. R. WOBSEY Verwaltungs-GmbH  
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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 ... 200 °C                     |
| Working temperature range with external cooling | 20 ... 200 °C                     |
| Operating temperature range                     | -40 ... 200 °C                    |
| Ambient temperature range                       | 5 ... 40 °C                       |
| Temperature stability                           | 0.01 ± K                          |
| Heater power max.                               | 1.7 kW                            |
| Current max.                                    | 16 A                              |
| Power consumption max.                          | 1.9 kW                            |
| Pump Pressure max.                              | 0,8 bar                           |
| Pump flow rate max. (pressure)                  | 25 L/min                          |
| Bath volume min. / max.                         | 8.5 / 13.5 L                      |
| Size of bath (ØxH)                              | 120 x 320 mm                      |
| Overall dimensions (WxDxH)                      | 220 x 360 x 574 mm                |
| Weight                                          | 19 kg                             |
| Power supply                                    | 115 V; 60 Hz                      |
| Power plug                                      | Power cord with plug (NEMA 5-20P) |

Reserve technical changes

## Standard accessories

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

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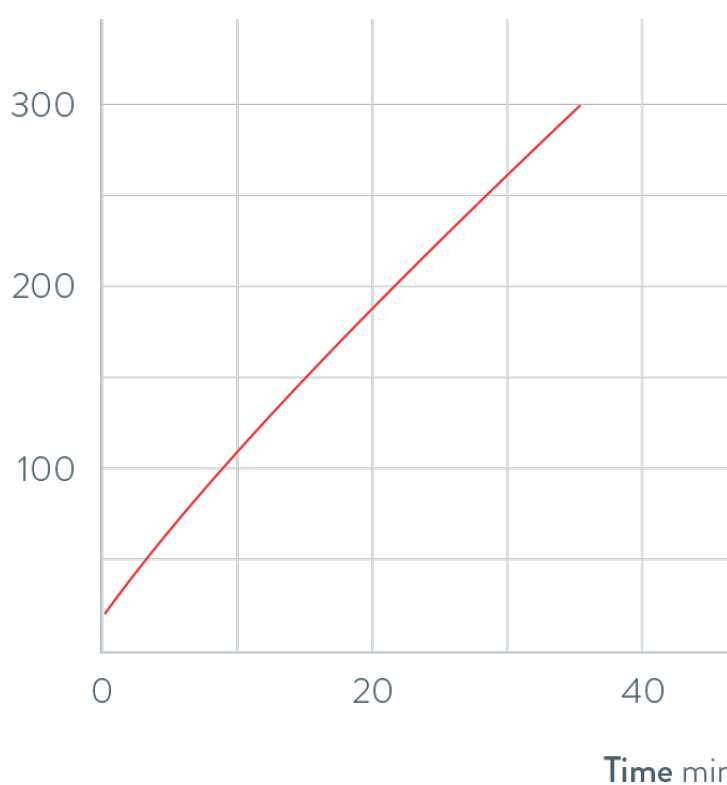
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### HEATING PERFORMANCE Heat transfer liquid: Ultra 240, bath closed

Bath temperature °C



PJ 12/PJ 12 C  
(up to 300 °C)  
PJL 12/PJL 12 C  
(up to 200 °C)

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