

PRODUCT DATA SHEET

Standing: 2024-11-04

LAUDA Proline PJ 12

Calibration therm. 230 V; 50/60 Hz

Part Number: L001927

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 vessel made of stainless steel (insulated, with handles and drain tap)



Working temperature min.
30 °C



Working temperature max.
300 °C

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

T + 49 (0) 9343 503-0
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. Marc Stricker
Beirat: Dr. Gerhard Wobser

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Technical Features (according to DIN 12876)

Working temperature range	30 ... 300 °C
Working temperature range with external cooling	20 ... 300 °C
Operating temperature range	0 ... 300 °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.	8.5 / 13.5 L
Size of bath (ØxH)	120 x 320 mm
Overall dimensions (WxDxH)	220 x 360 x 574 mm
Weight	20 kg
Power supply	230 V; 50/60 Hz
Power plug	Power cord with angled plug (BS1363)

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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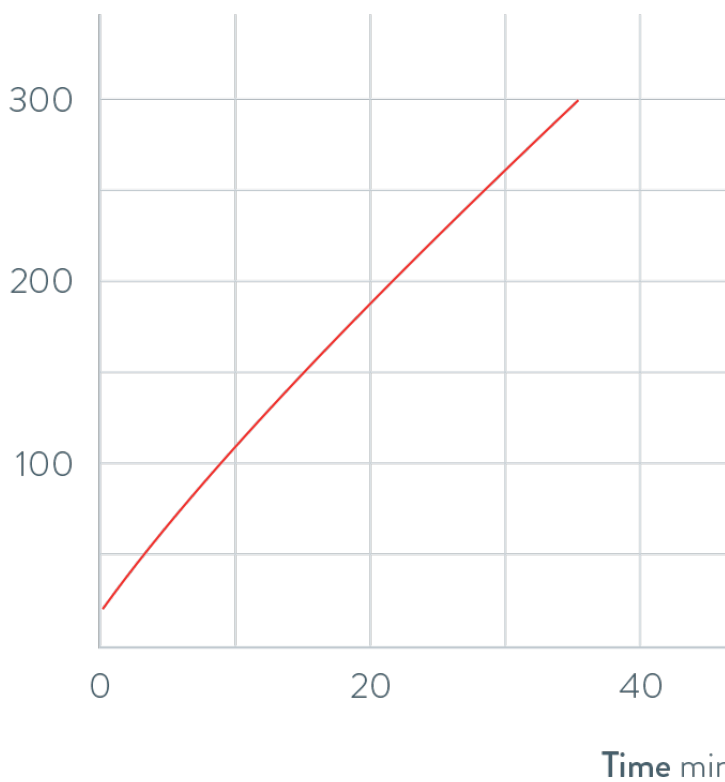
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HEATING PERFORMANCE Heat transfer liquid: Ultra 240, bath closed

Bath temperature °C



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

Reserve technical changes

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