

PRODUCT DATA SHEET

Standing: 2024-11-04

LAUDA Proline PJ 12 C

Calibration ther.208-220 V; 60 Hz

Part Number: L001944

Features

- Calibration thermostatic bath 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
- 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

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Kommanditgesellschaft: Sitz Lauda-Königshofen
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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.	3.3 kW
Current max.	16 A
Power consumption max.	3.5 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 630 mm
Weight	21 kg
Power supply	208-220 V; 60 Hz
Power plug	Power cord with plug (NEMA 6-20P)

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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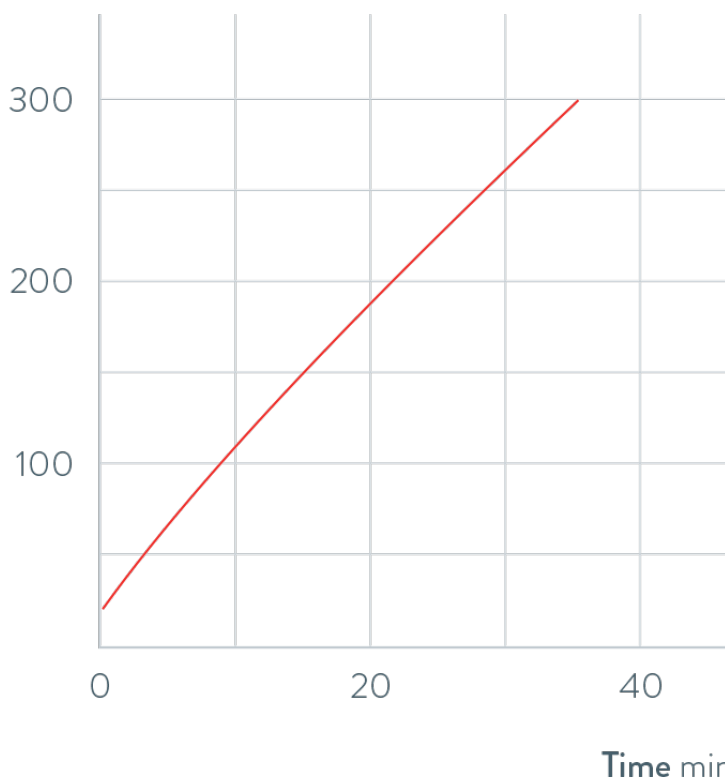
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HEATING PERFORMANCE Heat transfer liquid: Ultra 240, bath closed

Bath temperature °C



PJ 12/PJ 12 C
(up to 300°C)

PJL 12/PJL 12 C
(up to 200°C)

Reserve technical changes

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