

## PRODUCT DATA SHEET

Standing: 2023-04-02

### LAUDA PRO P 2 EC

Heating circulator 200-230 V; 50/60 Hz

Part Number: L000020

#### Features

- Thermostatic circulator with latest microprocessor technology. Installed cooling coil
- Large 5,7" Multi-Touch-Color display
- Operation with multi touch display
- Command console can be detached and used as remote control
- User administration for up to 20 user
- Data in- and export via USB
- Timer und count-down-function
- EasyUse system for simple operation of the whole unit
- Low-level and adjustable over-temperature protection with acoustic alarm for use with flammable and non-flammable liquids
- SelfCheck Assistant for system diagnosis
- USB and Ethernet interface equipped as standard
- Retrofittable for upgrading with interface (RS 232/485, Profibus; EtherCAT; analogue or contact modules)
- 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
- Programmer with up to 100 programs, up to 50 segments each
- Tower design with small footprint
- LAUDA Varioflex pump (pressure/suction) with 8 selectable levels, connections rear
- Low filling volume enables rapid changes in temperature
- Bath vessel made of stainless steel (insulated, with overflow and drain tap)



Reserve technical changes



Working temperature min.  
80 °C



Working temperature max.  
250 °C

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Persönlich haftende Gesellschafterin:  
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Geschäftsführer:  
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Dr. Ralf Hermann, Dr. Marc Stricker  
Beirat: Dr. Gerhard Wobser

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#### Technical Features (according to DIN 12876)

|                                                 |                                      |
|-------------------------------------------------|--------------------------------------|
| Working temperature range                       | 80 ... 250 °C                        |
| Working temperature range with external cooling | 20 ... 250 °C                        |
| Operating temperature range                     | -30 ... 250 °C                       |
| Ambient temperature range                       | 5 ... 40 °C                          |
| Temperature stability                           | 0.05 ± K                             |
| Heater power max.                               | 2.5 kW                               |
| Power consumption max.                          | 2.7 kW                               |
| Current max.                                    | 12 A                                 |
| Pump Pressure max.                              | 0,7 bar                              |
| Pump suction max.                               | 0,4 bar                              |
| Pump flow rate max. (pressure)                  | 22 L/min                             |
| Pump Flow rate max. (suction)                   | 20 L/min                             |
| In / Outlet connection thread (outside)         | M16 x 1                              |
| In / Outlet Ø olives                            | 13 mm                                |
| Filling volume min.                             | 2.4 L                                |
| Filling volume max.                             | 4.4 L                                |
| Overall dimensions (WxDxH)                      | 250 x 365 x 425 mm                   |
| Weight                                          | 17 kg                                |
| Power supply                                    | 200-230 V; 50/60 Hz                  |
| Power plug                                      | Power cord with angled plug (CEE7/7) |

Reserve technical changes

#### Standard accessories

- 2 screw caps, 2 closing plugs
- 2 nipples 13 mm for pump connectors
- 2 nipples 10 mm with screw cap G3/8 for cooling water

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