

PRODUCT DATA SHEET

Standing: 2024-01-31

LAUDA PRO RP 3035

Cooling heating bath thermostat 230 V; 50 Hz

Part Number: 1 0 0 0 0 9 4

Features

- · Thermostatic bath with latest microprocessor technology. Integrated cooling system
- · Bright and high-contrast graphic OLED display
- · Operation with Cursor- and Softkeys
- 360° turnable and detachable control panel for remote control
- · 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
- Integrated programmer, 1 programme with max. 20 segments
- · Low height of appliance when control panel removed
- · Significantly enlarged accessible volume
- · Bath vessel made of stainless steel (insulated, with handles and drain tap)
- Internal LAUDA Varioflex pump with 8 selectable levels
- SmartCool system for energy-saving digital cooling management including compressor on-off control
- Hybrid cooling system: (heat removal complementary with cooling water)
- · Utilizes natural refrigerants



Working temperature min.

-35 °C



Working temperature max.

200°C





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Technical Features (according to DIN 12876)

Working temperature range
Operating temperature range
Ambient temperature range
Temperature stability
Heater power max.
Power consumption max.
Current max.
Size of bath (W x D x H)
Bath volume min. / max.
Overall dimensions (WxDxH)
Weight
Refrigerant stage 1
Power supply
Power plug

-35 200 °C
-35 200 °C
5 40 °C
0.01 ± K
2.95 kW
3 kW
13 A
340 x 375 x 200 mm
17.5 / 29.5 L
440 x 600 x 680 mm
55 kg
R-290 (GWP 3); 0.099 kg; 0.0 t CO2-eq
230 V; 50 Hz
Power cord with angled plug (BS1363)

Temperature	Pump stage	Heat transfer liquid	Cooling Capacity 50 Hz	
20 °C	8	Ethanol	0.8 kW	
10 °C	8	Ethanol	0.8 kW	
0 °C	8	Ethanol	0.8 kW	
-10 °C	8	Ethanol	0.58 kW	
-20 °C	4	Ethanol	0.35 kW	
-30 °C	4	Ethanol	0.16 kW	
-35 °C	4	Ethanol	0.1 kW	

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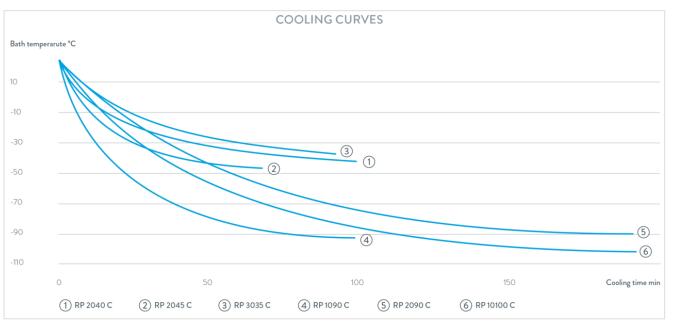
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Standard accessories

- 1 Bath cover
- 2 nipples 10 mm with screw cap G3/8 for cooling water



Reserve technical changes



Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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