

## PRODUCT DATA SHEET

Standing: 2024-09-05

### LAUDA ECO REJ 1225 G

Calibration thermostat 100 V; 50/60 Hz

Part Number: L002851

#### Features

- Calibration thermostatic bath with latest microprocessor technology and integrated cooling system
- Coloured TFT display for simultaneous indication of actual & set values and graphic illustration of the temperature profile
- User friendly menu navigation in plain language
- Easy input via cursor and soft keys. Additional Tmax key for overtemperature protection
- Fully electronic continuous controller with PID action
- Safety class III for operation with flammable and non-flammable liquids. Over-temperature cut-out adjustable via menu
- Vario pump with six adjustable performance levels
- Easy control of the flow rate between internal and external circulation during operation without contact with the bath
- USB interface as standard
- Upgradeable with an interface module (analogue module, contact module, RS 232/485 module, Profibus, Ethernet-USB module)
- Upgradeable with Pt 100/LiBus module for external control and remote control via Command console
- Programmer with 150 temperature/time segments that can be separated into 5 programs
- 2-chamber construction for constant level in the thermostating chamber
- Vertical adjustment of the overflow height of the thermostating chamber
- Bath vessel made from stainless steel with drain valve
- Condenser cooling Air
- Utilises traditional refrigerants (HFCs) in accordance with European legislation to control F-gases (EU) 573/2024



Reserve technical changes



Working temperature min.  
-25 °C



Working temperature max.  
200 °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

Working temperature range	-25 ... 200 °C
Ambient temperature range	5 ... 40 °C
Heater power max.	1 kW
Power consumption max.	1.3 kW
Current max.	13 A
Bath volume min. / max.	9.3 / 12.0 L
Size of bath (ØxH)	150 x 200 mm
Overall dimensions (WxDxH)	250 x 435 x 624 mm
Power supply	100 V; 50/60 Hz
Power plug	Power cord with plug (NEMA 5-15P)
Refrigerant stage 1	R-134a (GWP 1430); 0.075 kg; 0.1 t CO <sub>2</sub> -eq

Temperature	Pump stage	Heat transfer liquid	Cooling Capacity 50 Hz	Cooling Capacity 60 Hz
20 °C	2	Ethanol	0.3 kW	0.3 kW
0 °C	2	Ethanol	0.24 kW	0.24 kW
-20 °C	2	Ethanol	0.09 kW	0.09 kW
-25 °C	2	Ethanol	0.04 kW	0.04 kW

## Standard accessories

- 2 screw caps, 2 closing plugs
- 1 Bath cover

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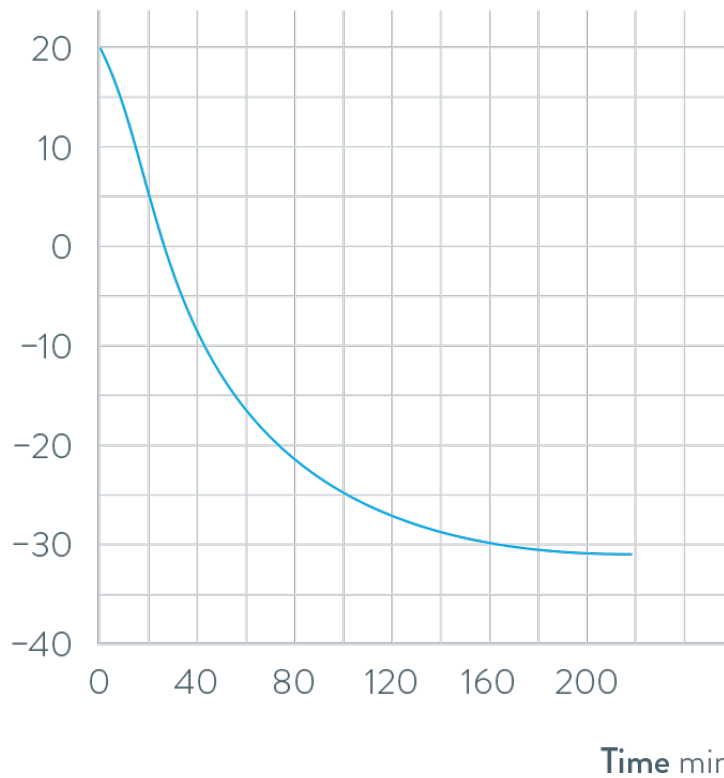
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### COOLING PERFORMANCE Heat transfer liquid: Ethanol, bath closed

Bath temperature °C



REJ 1225 G

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