

PRODUCT DATA SHEET

Published: 2026-07-09

LAUDA Alpha RA 12

Cooling thermostat 220 V; 60 Hz + 230 V; 50 Hz

Part Number: L000639

Features

- Thermostatic bath/circulator with simplest operation and integrated cooling system
- 1-line LED display for display of actual or set temperature
- User-friendly menu guidance with simplest 3-key operation
- Fully electronic continuous controller
- Low level and overtemperature protection for use with non-flammable liquids
- Acoustic and visual alarm
- Circulating pump with flow reduction
- Bath from stainless steel
- Cooling through intelligent energy saving system (compressor automatic)
- Condenser cooling Air
- Outlet connection at the rear
- Utilises traditional refrigerants (HFCs) in accordance with European legislation to control F-gases (EU) 573/2024



Working temperature min.

-25 °C



Working temperature max.

100 °C

Reserve technical changes

LAUDA DR. R. WOBSEY GMBH & CO. KG
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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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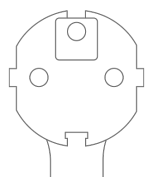
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Technical Features (according to DIN 12876)

Working temperature range	-25 ... 100 °C
Ambient temperature range	5 ... 40 °C
Temperature stability	0.05 ± K
Heater power max.	1.5 kW
Power consumption max.	1.8 kW
Current max.	8 A
Pump Pressure max.	0,2 bar
Pump flow rate max. (pressure)	15 L/min
Bath volume min. / max.	9.5 / 14.5 L
Size of bath (W x D x H)	300 x 203 x 160 mm
Overall dimensions (WxDxH)	365 x 500 x 605 mm
Weight	37 kg
Refrigerant stage 1	R-134a (GWP 1430); 0.130 kg; 0.2 t CO ₂ -eq
Power supply	220 V; 60 Hz / 230 V; 50 Hz
Power plug	Power cord with angled plug (CEE7/7)

Reserve technical changes



Power cord with angled plug (CEE7/7)

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Temperature	Heat transfer liquid	Cooling Capacity 50 Hz
20 °C	Ethanol	0.325 kW
0 °C	Ethanol	0.26 kW
-20 °C	Ethanol	0.08 kW

Standard accessories

- 1 Bath cover
- pump connection set
- hose link for pump connections

Reserve technical changes

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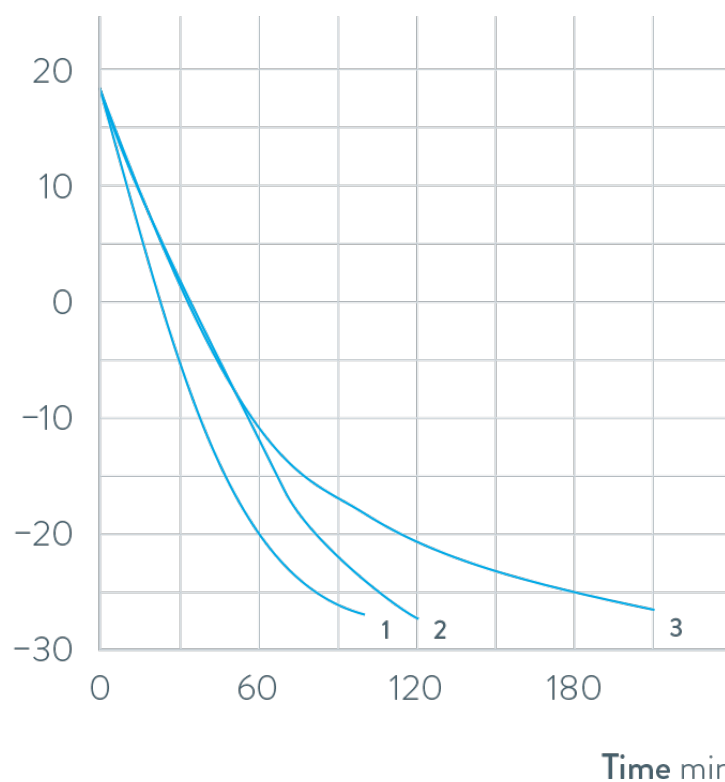
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COOLING PERFORMANCE Heat transfer liquid: Ethanol, bath closed

Bath temperature °C



- 1 RA 8
- 2 RA 12
- 3 RA 24

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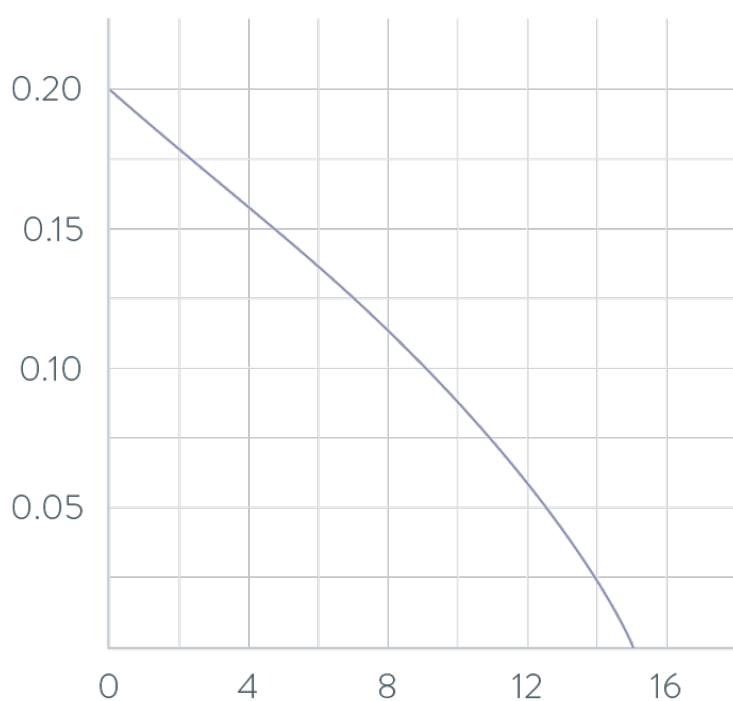
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PUMP CHARACTERISTIC Heat transfer liquid: Water

Pressure bar



Flow rate L/min

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