

PRODUCT DATA SHEET

Published: 2026-07-09

LAUDA Alpha RA 8

Cooling thermostat 100 V; 50/60 Hz

Part Number: L000653

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



Reserve technical changes



Working temperature min.
-25 °C



Working temperature max.
100 °C

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Kommanditgesellschaft: Sitz Lauda-Königshofen
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Persönlich haftende Gesellschafterin:
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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 (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 kW
Power consumption max.	1.3 kW
Current max.	13 A
Pump Pressure max.	0,2 bar
Pump flow rate max. (pressure)	15 L/min
Bath volume min. / max.	5.0 / 7.5 L
Size of bath (W x D x H)	165 x 177 x 160 mm
Overall dimensions (WxDxH)	235 x 500 x 605 mm
Weight	30 kg
Refrigerant stage 1	R-134a (GWP 1430); 0.110 kg; 0.2 t CO ₂ -eq
Power supply	100 V; 50/60 Hz
Power plug	Power cord with plug (NEMA 5-15P)

Reserve technical changes



Power cord with plug (NEMA 5-15P)

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Temperature	Heat transfer liquid	Cooling Capacity 50 Hz	Cooling Capacity 60 Hz
20 °C	Ethanol	0.225 kW	0.225 kW
0 °C	Ethanol	0.16 kW	0.16 kW
-20 °C	Ethanol	0.08 kW	0.08 kW

Standard accessories

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

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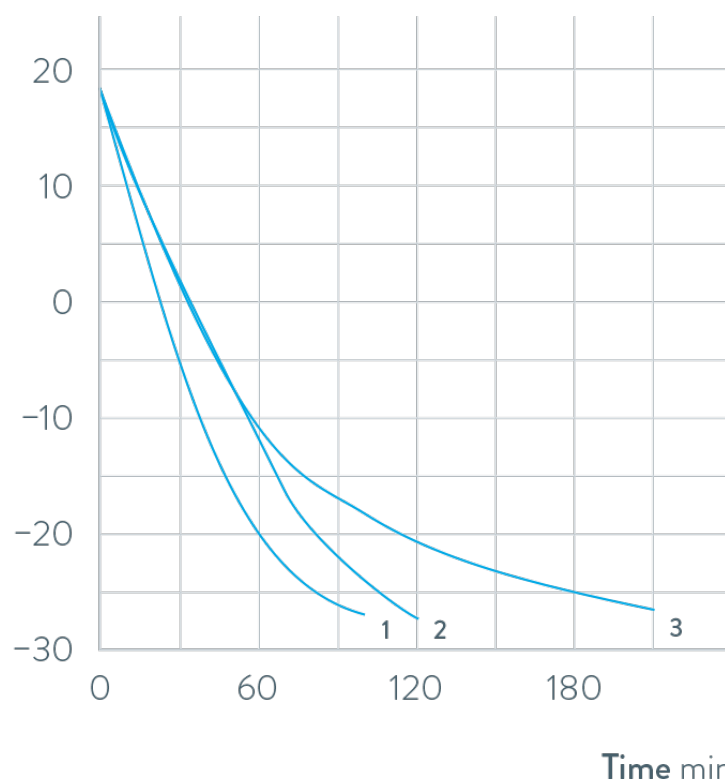
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COOLING PERFORMANCE Heat transfer liquid: Ethanol, bath closed

Bath temperature °C



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

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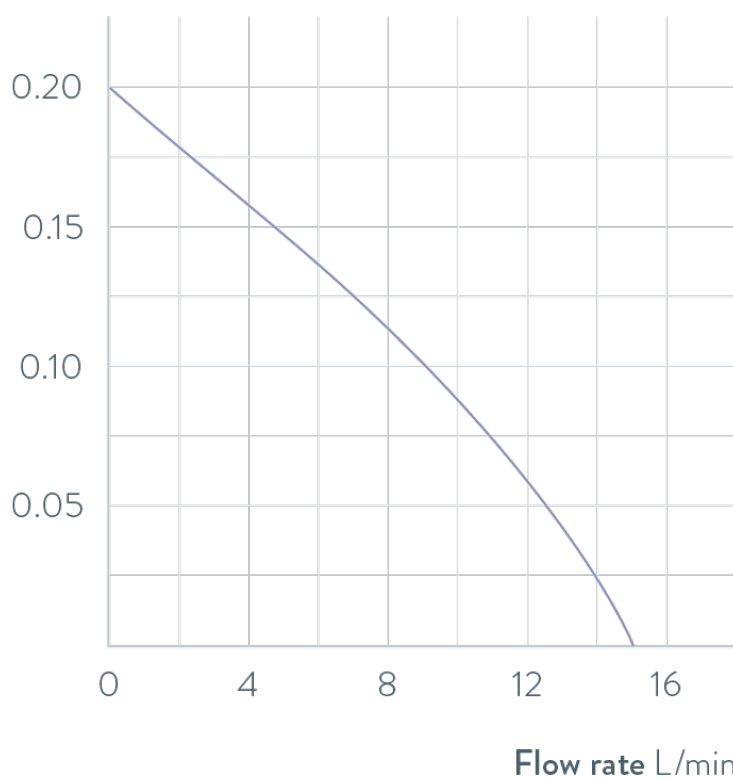
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PUMP CHARACTERISTIC Heat transfer liquid: Water

Pressure bar



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