

## PRODUCT DATA SHEET

Published: 2026-07-09

LAUDA Alpha RA 8

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

Part Number: L000638

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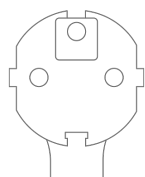
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### Technical Features (according to DIN 12876)

|                                |                                                        |
|--------------------------------|--------------------------------------------------------|
| 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.        | 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                         | 29 kg                                                  |
| Refrigerant stage 1            | R-134a (GWP 1430); 0.110 kg; 0.2 t CO <sub>2</sub> -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              | 0.225 kW               |
| 0 °C        | Ethanol              | 0.16 kW                |
| -20 °C      | Ethanol              | 0.08 kW                |

### Standard accessories

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

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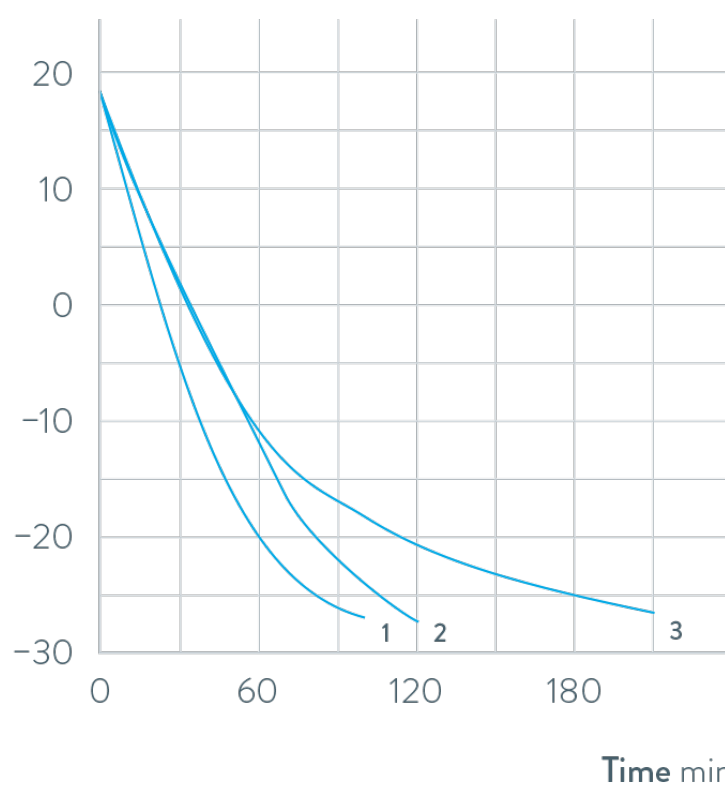
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### COOLING PERFORMANCE Heat transfer liquid: Ethanol, bath closed

Bath temperature °C



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

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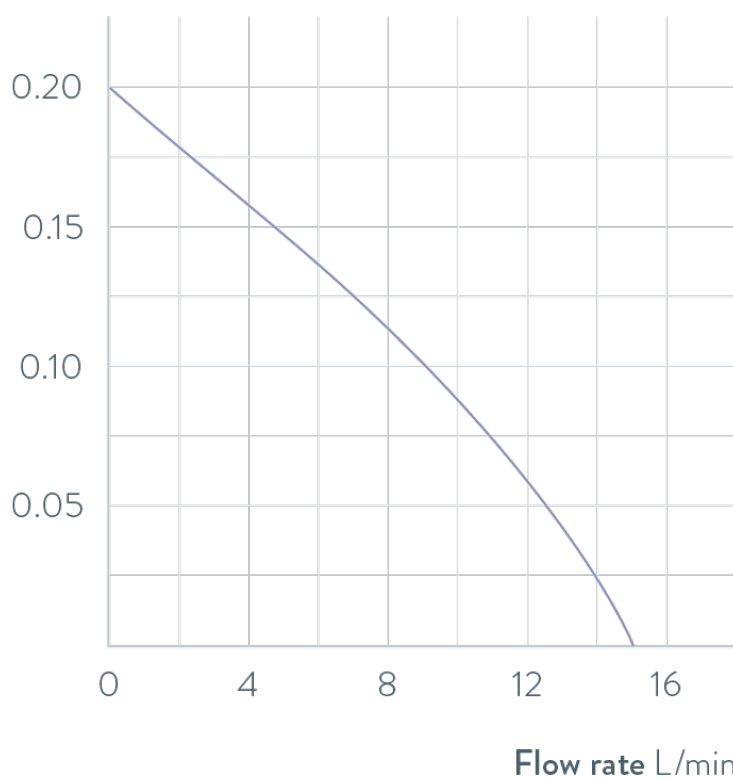
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### PUMP CHARACTERISTIC Heat transfer liquid: Water

Pressure bar



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