

PRODUCT DATA SHEET

Published: 2026-06-22

LAUDA Alpha RA 12

Cooling thermostat 100 V; 50/60 Hz

Part Number: L004608

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
- Utilizes natural refrigerants



Working temperature min.

-25 °C



Working temperature max.

100 °C

Reserve technical changes

LAUDA DR. R. WOBSEY GMBH & CO. KG
Laudaplatz 1 • 97922 Lauda-Königshofen • DE

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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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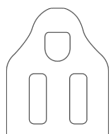
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Technical Features (according to DIN 12876)

| | |
|--------------------------------|--|
| Working temperature range | -25 ... 100 °C |
| Ambient temperature range | 5 ... 40 °C |
| Temperature stability | 0.05 ± K |
| Heater power max. | 1 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. | 9.5 / 14.5 L |
| Overall dimensions (WxDxH) | 365 x 500 x 605 mm |
| Weight | 34 kg |
| Refrigerant stage 1 | R-290 (GWP 3); 0.052 kg; 0.0 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 | 0.325 kW | 0.325 kW |
| 10 °C | Ethanol | 0.29 kW | 0.29 kW |
| 0 °C | Ethanol | 0.26 kW | 0.26 kW |
| -10 °C | Ethanol | 0.18 kW | 0.18 kW |
| -20 °C | Ethanol | 0.1 kW | 0.1 kW |
| -25 °C | Ethanol | 0.07 kW | 0.07 kW |

Standard accessories

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

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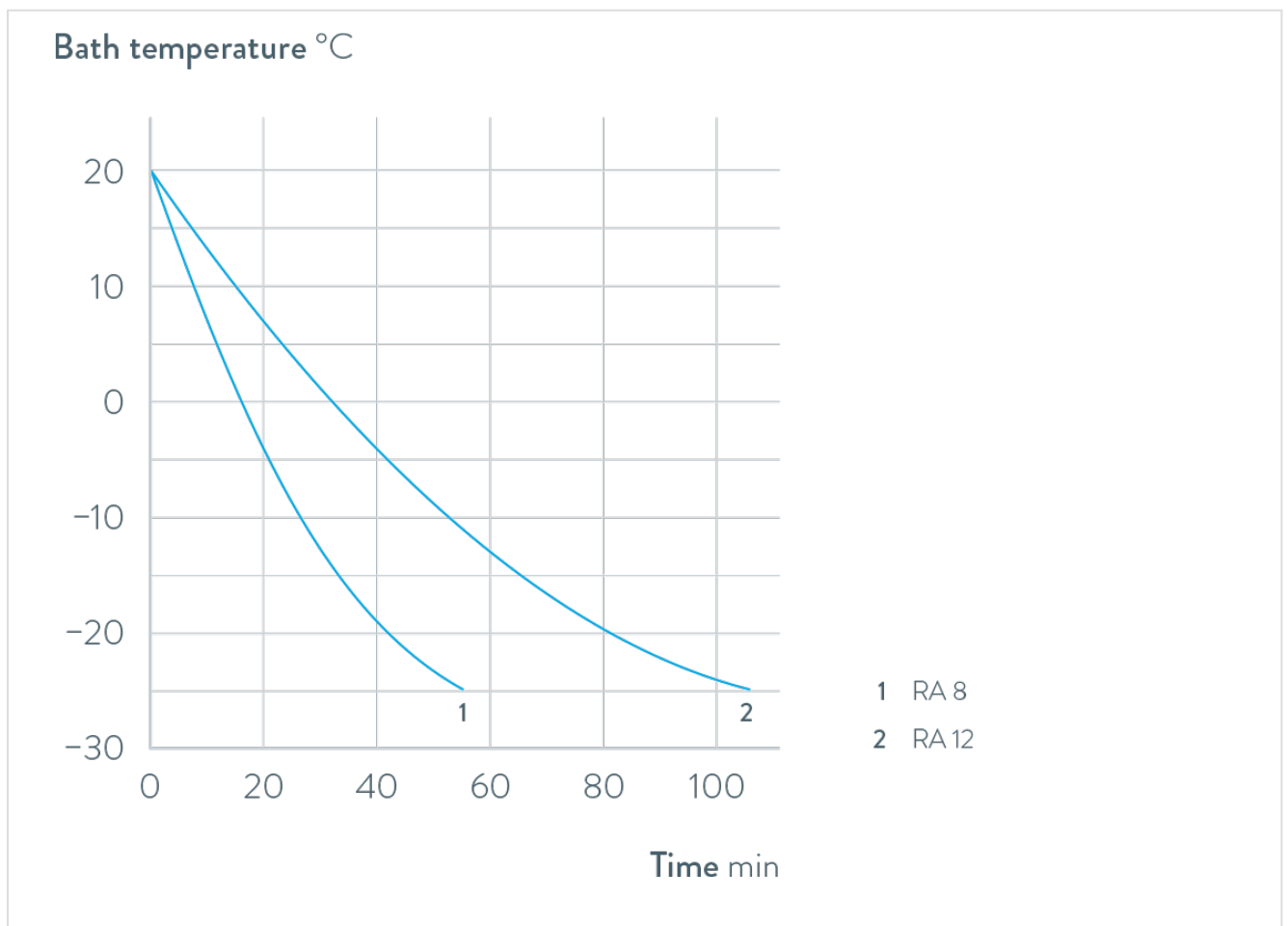
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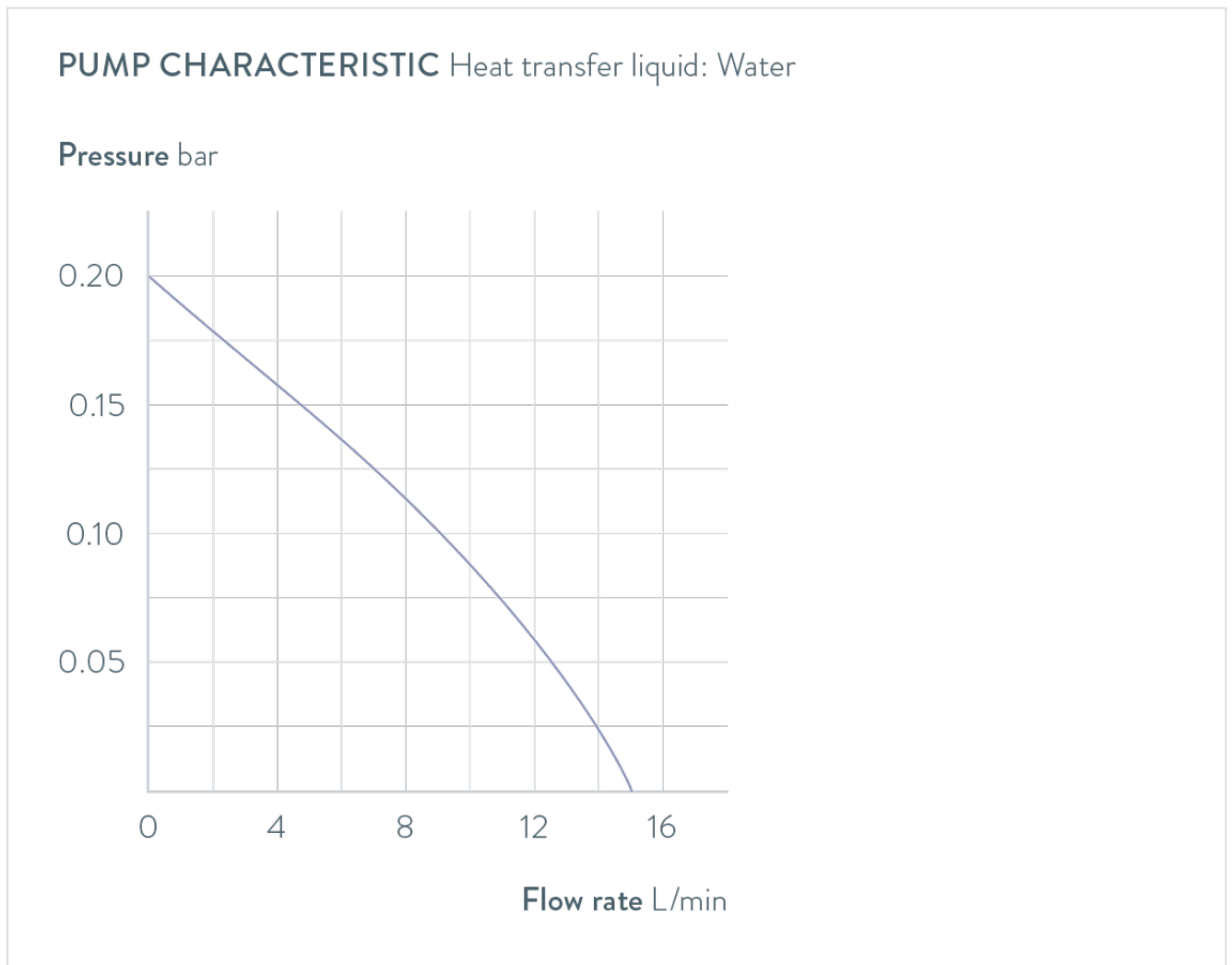
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