

## PRODUCT DATA SHEET

Published: 2026-03-13

### 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

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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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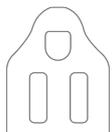
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### Technical Features (according to DIN 12876)

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 <sub>2</sub> -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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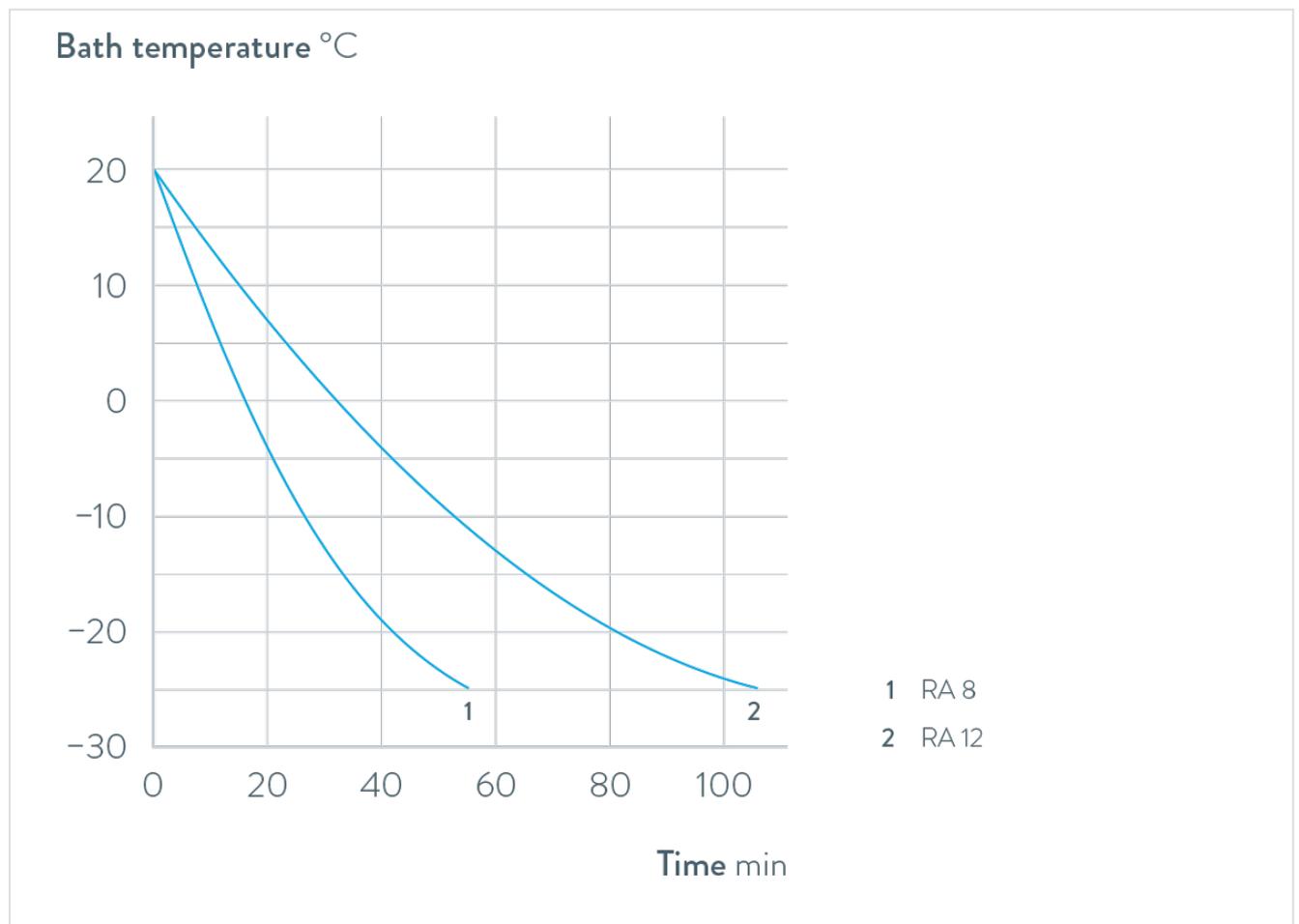
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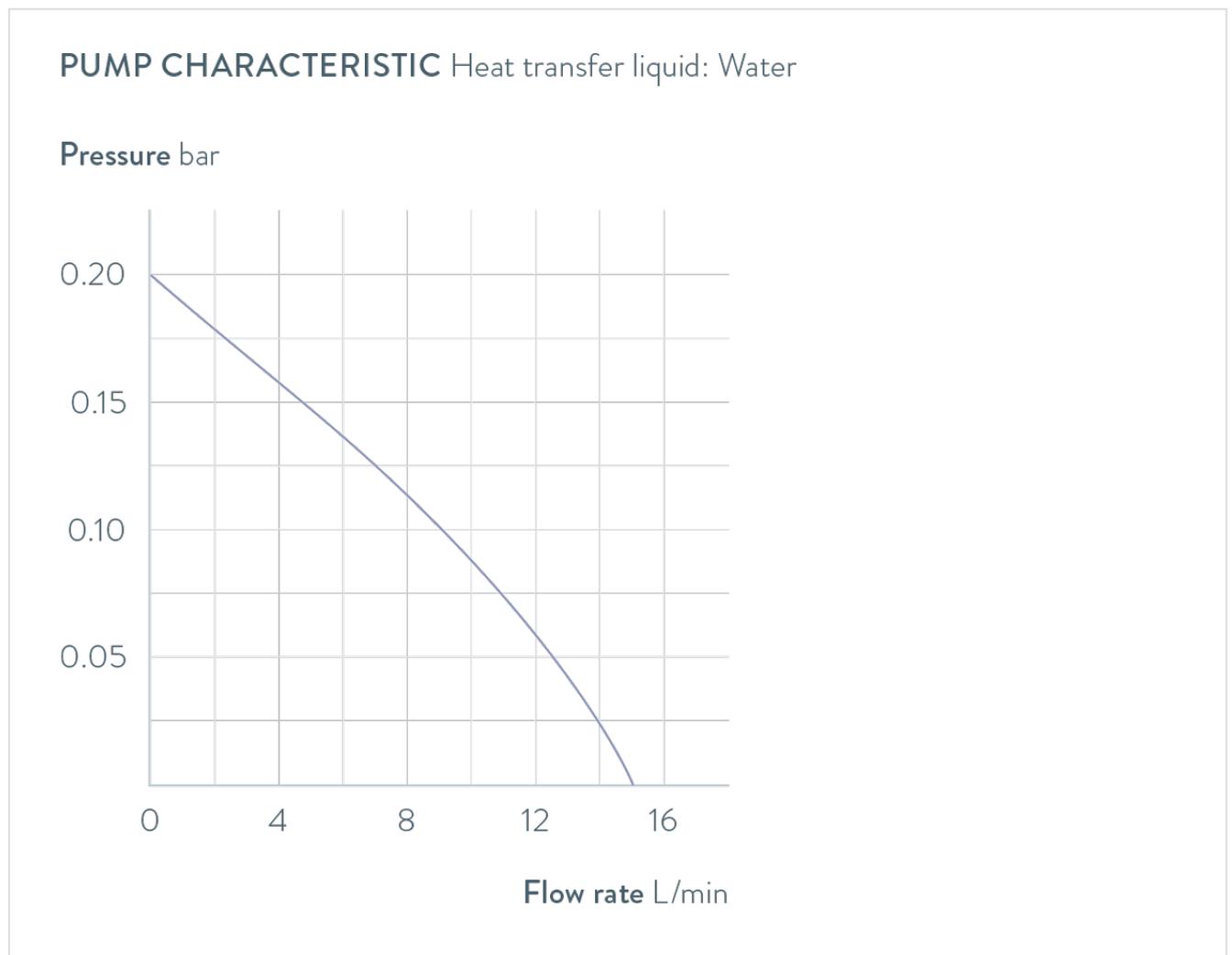
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