PRODUCT DATA SHEET

Published: 2026-01-08

LAUDA Microcool MC 350
Circulation chiller 100 V; 50/60 Hz
Part Number: L004453

Features

- Circulation chiller
- 1-line LED display for display of actual or set temperature
- User-friendly menu guidance with simplest 3-key operation
- Fully electronic continuous controller
- Temperature protection for the pump windings, lighted level indication and low level alarm
- Magnetically coupled block pump
- RS 232 interface
- Auto-Start-Timer and Auto-Shut-Down function
- Filler opening on top, outlet connection on the backside
- Cooling capacity adjustment by solenoid valve control including compressor on-off control
- Utilizes natural refrigerants
- Condenser cooling Air
- Operates with non flammable liquids (water,water/glycol)

Working temperature min.
-10 °C

Working temperature max.
40 °C

Reserve technical changes

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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. WOBSER 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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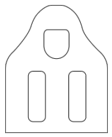
Technical Features (according to DIN 12876)	
Working temperature range	-10 ... 40 °C
Ambient temperature range	5 ... 40 °C
Temperature stability	0.5 ± K
Pump Pressure max.	0,4 bar
Pump flow rate max. (pressure)	16 L/min
In / Outlet connection thread (outside)	∅ 10 mm
Filling volume min.	4 L
Filling volume max.	7 L
Overall dimensions (WxDxH)	240 x 400 x 500 mm
Weight	30 kg
Noise level	57 dB(A)
Net Weight	30.4 kg
Current max.	3.7 A
Refrigerant stage 1	R-290 (GWP 3); 0.041 kg; 0.0 t CO2-eq
Power supply	100 V; 50/60 Hz
Power plug	Power cord with plug (NEMA 5-15P)



Power cord with plug (NEMA 5-15P)

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Temperature	Heat transfer liquid	Cooling Capacity 50 Hz	Cooling Capacity 60 Hz
40 °C	Waterglycol	0.35 kW	0.35 kW
20 °C	Ethanol	0.35 kW	0.35 kW
10 °C	Ethanol	0.27 kW	0.27 kW
0 °C	Ethanol	0.2 kW	0.2 kW
-10 °C	Ethanol	0.12 kW	0.12 kW

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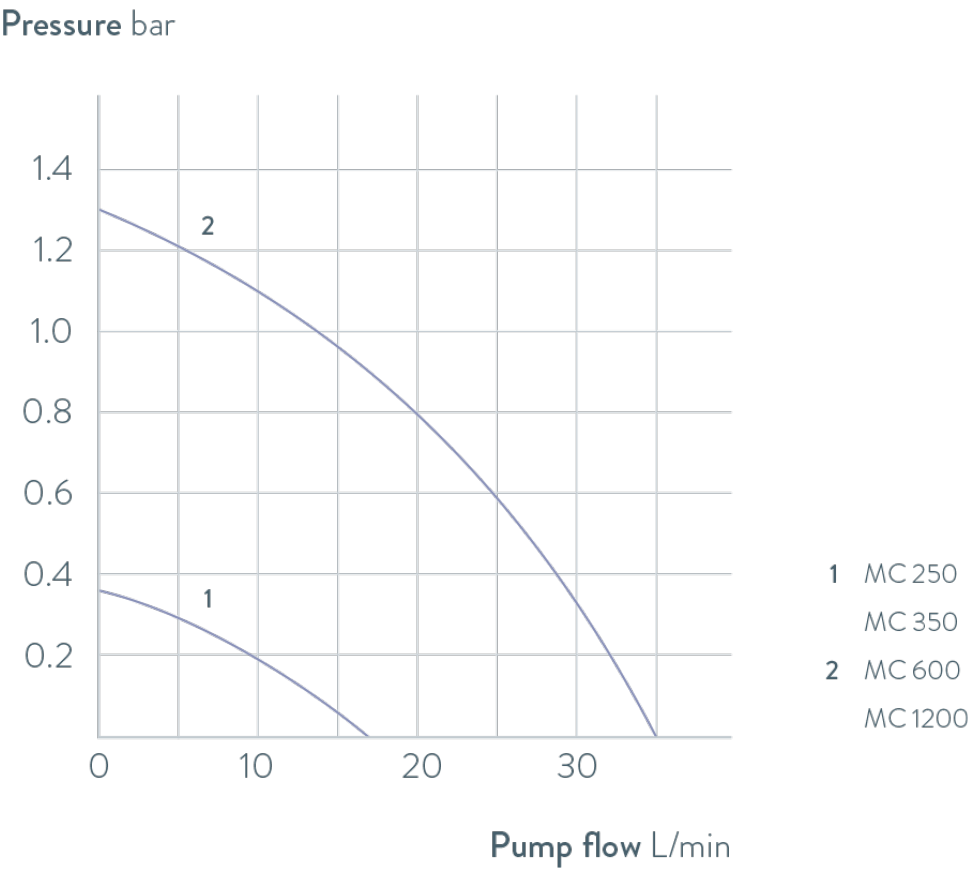
PUMP CHARACTERISTICS Heat transfer liquid: Water



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