PRODUCT DATA SHEET

Published: 2026-09-14

LAUDA Microcool MC 1200
Circulation chiller 230 V; 50 Hz
Part Number: L004461

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
- Adjustable bypass for pressure limiting
- 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)

Reserve technical changes

Working temperature min.
-10 °C

Working temperature max.
40 °C

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

T + 49 (0) 9343 503-0
info@lauda.de • www.lauda.de
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
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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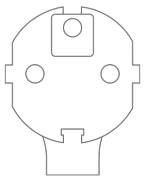
Technical Features (according to DIN 12876)	
Working temperature range	-10 ... 40 °C
Ambient temperature range	5 ... 40 °C
Temperature stability	0.5 ± K
Pump Pressure max.	1,3 bar
Pump flow rate max. (pressure)	35 L/min
In / Outlet connection thread (outside)	G 3/4"
Filling volume min.	7 L
Filling volume max.	14 L
Overall dimensions (WxDxH)	450 x 550 x 650 mm
Weight	63 kg
Noise level	59 dB(A)
Power consumption max.	0.82 kW
Current max.	4.2 A
Refrigerant stage 1	R-290 (GWP 3); 0.085 kg; 0.0 t CO2-eq
Power supply	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	Cooling Capacity 60 Hz
40 °C	Waterglycol	1.2 kW	1.2 kW
20 °C	Ethanol	1.2 kW	1.2 kW
10 °C	Ethanol	1.05 kW	1.05 kW
0 °C	Ethanol	0.75 kW	0.75 kW
-10 °C	Ethanol	0.4 kW	0.4 kW

Standard accessories

- 2 nipples 3/4" with screw cap G3/4 for pump connectors

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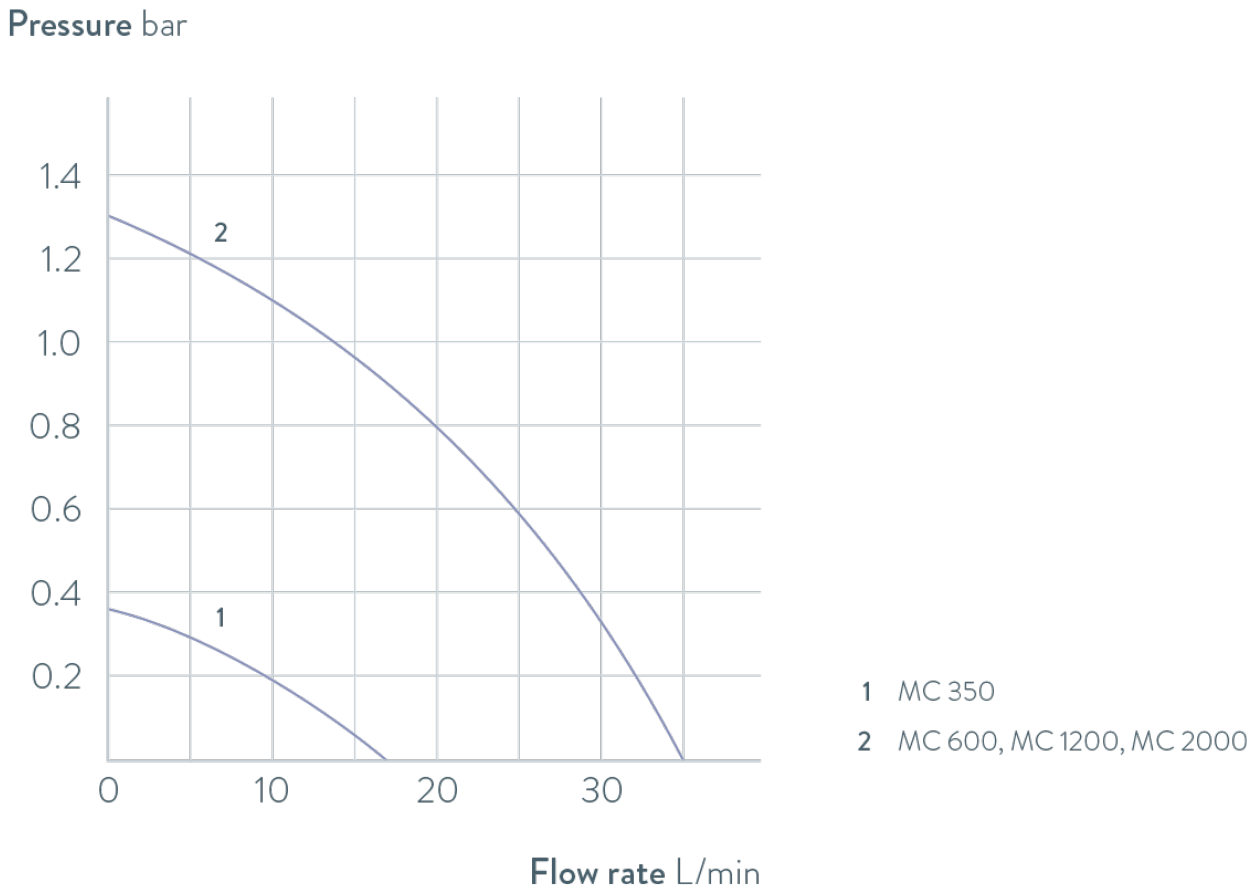

Reserve technical changes

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