PRODUCT DATA SHEET

Published: 2026-09-14

LAUDA Microcool MC 600
Circulation chiller 230 V; 50 Hz
Part Number: L004455

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

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Kommanditgesellschaft: Sitz Lauda-Königshofen
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Persönlich haftende Gesellschafterin:
LAUDA DR. R. WOBSER Verwaltungs-GmbH
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Geschäftsführer:
Dr. Gunther Wobser (Vors.), Dr. Mario Englert,
Dr. Marc Stricker
Beirat: Dr. Gerhard Wobser

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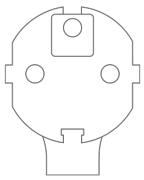
Technical Features (according to DIN 12876)	
Working temperature range	-10 ... 40 °C
Ambient temperature range	5 ... 40 °C
Temperature stability	0.5 ± K
Pump Pressure max.	1,3 bar
Pump flow rate max. (pressure)	35 L/min
In / Outlet connection thread (outside)	G 3/4"
Filling volume min.	4 L
Filling volume max.	8 L
Overall dimensions (WxDxH)	350 x 480 x 595 mm
Weight	50 kg
Noise level	54 dB(A)
Power consumption max.	0.62 kW
Current max.	3.2 A
Refrigerant stage 1	R-290 (GWP 3); 0.065 kg; 0.0 t CO2-eq
Power supply	230 V; 50 Hz
Power plug	Power cord with angled plug (CEE7/7)



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	0.6 kW	0.6 kW
20 °C	Ethanol	0.6 kW	0.6 kW
10 °C	Ethanol	0.5 kW	0.5 kW
0 °C	Ethanol	0.37 kW	0.37 kW
-10 °C	Ethanol	0.2 kW	0.2 kW

Standard accessories

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

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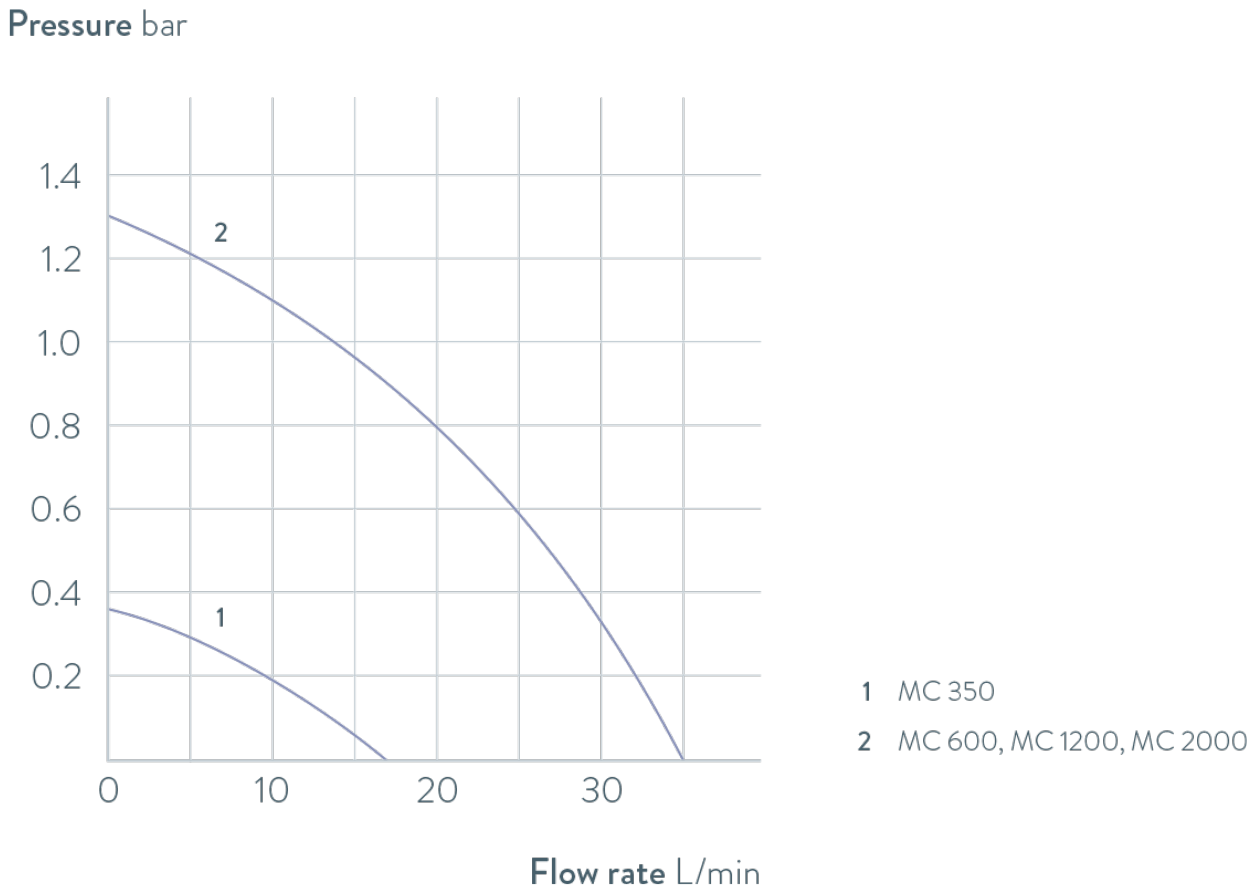

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