

PRODUCT DATA SHEET

Published: 2026-06-22

LAUDA Microcool MC 1200

Circulation chiller 230 V; 50 Hz

Part Number: L004462

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)



Working temperature min.
-10 °C



Working temperature max.
40 °C

Reserve technical changes

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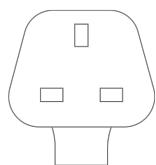
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Technical Features (according to DIN 12876)

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)
Net Weight	63 kg
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	2 Power cords with plug (BS1363 and SEV 1011, SEV 5934/2, T23)

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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

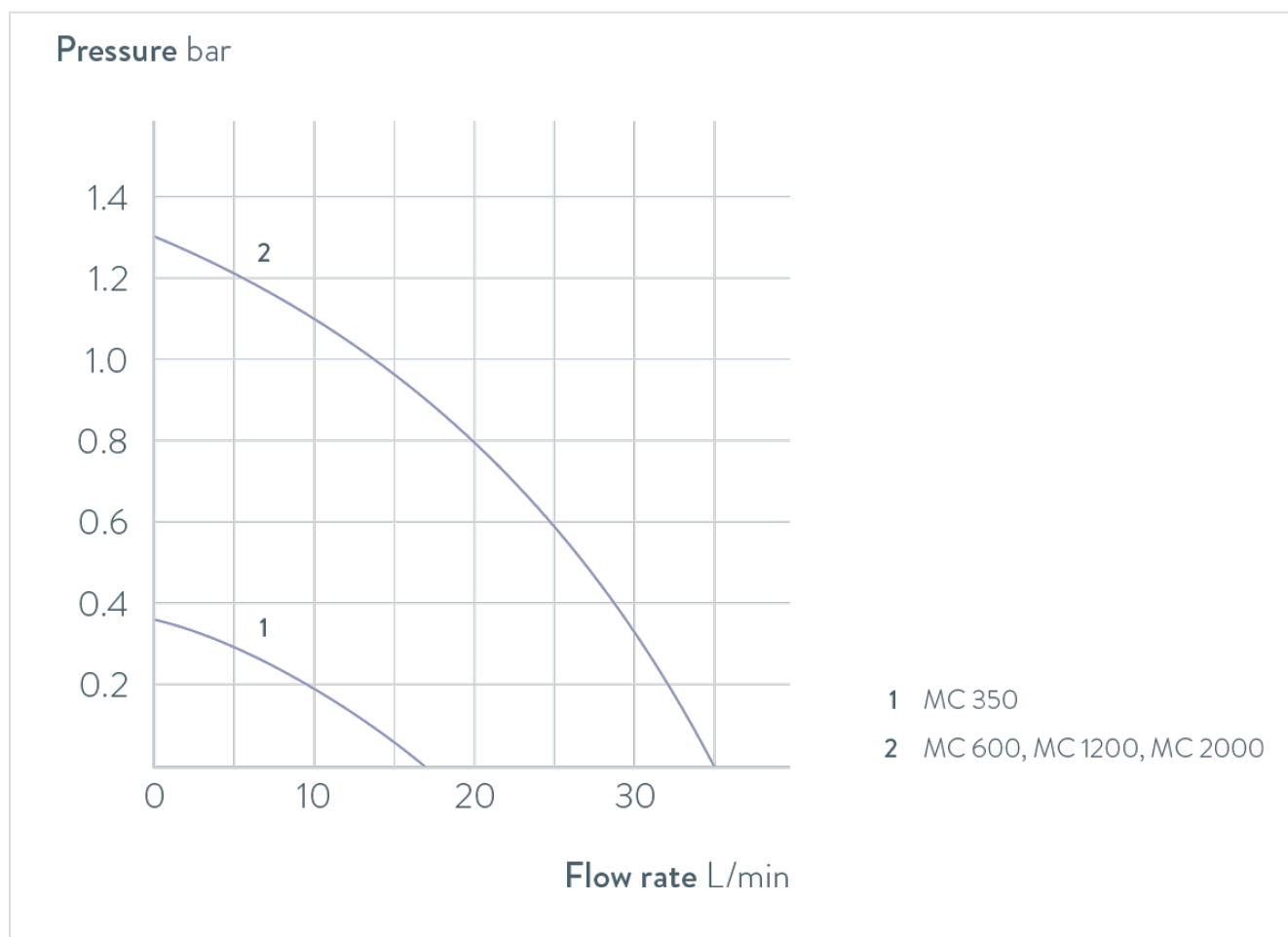
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Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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Please contact us if this literature doesn't answer all your questions.