

## PRODUCT DATA SHEET

Standing: 2024-09-18

LAUDA Microcool MC 600

Circulation chiller 220 V; 60 Hz

Part Number: L001063

### 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
- Condenser cooling Air
- Operates with non flammable liquids (water, water/glycol)



Working temperature min.  
-10 °C



Working temperature max.  
40 °C

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Kommanditgesellschaft: Sitz Lauda-Königshofen  
Registergericht Mannheim • HRA 560069

Persönlich haftende Gesellschafterin:  
LAUDA DR. R. WOBSEY 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.	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	49 kg
Noise level	57 dB(A)
Net Weight	49 kg
Power consumption max.	0.7 kW
Current max.	4 A
Refrigerant stage 1	R-134a (GWP 1430); 0.285 kg; 0.4 t CO <sub>2</sub> -eq
Power supply	220 V; 60 Hz
Power plug	2 Power cords with plug (CEE7/7 and BS1363)

Reserve technical changes

Temperature	Heat transfer liquid	Cooling Capacity 60 Hz
20 °C	Ethanol	0.6 kW
10 °C	Ethanol	0.5 kW
0 °C	Ethanol	0.36 kW
-10 °C	Ethanol	0.15 kW

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### Standard accessories

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

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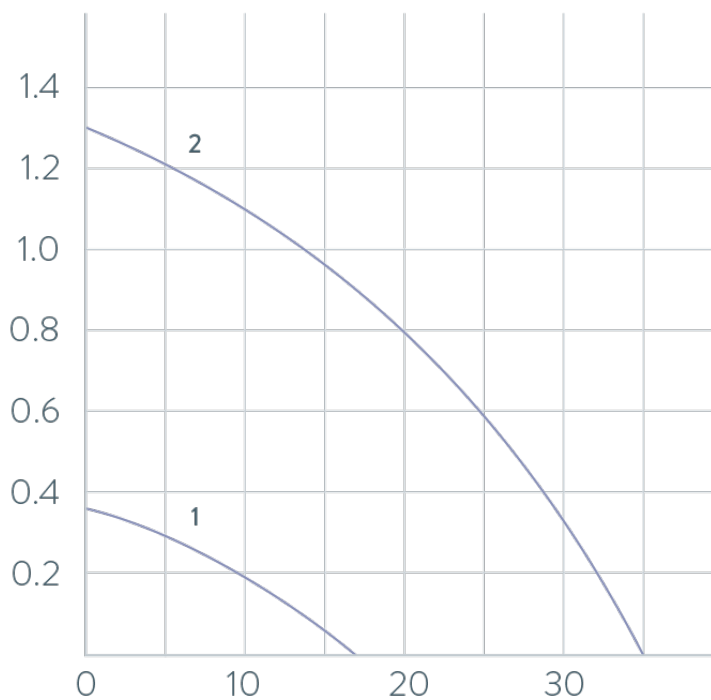
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### PUMP CHARACTERISTICS Heat transfer liquid: Water

Pressure bar



- 1 MC 250  
MC 350
- 2 MC 600  
MC 1200

Pump flow L/min

Reserve technical changes

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