# PRODUCT DATA SHEET

Published: 2026-09-14

## LAUDA Microcool MC 600
## Circulation chiller 230 V; 50 Hz
## Part Number: L004459

**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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WEEE-Reg-Nr.: DE 66 42 40 57

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

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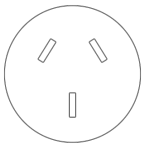
| Technical Features (according to DIN 12876) | |
|---|---|
| Working temperature range | -10 ... 40 °C |
| Ambient temperature range | 5 ... 40 °C |
| Temperature stability | 0.5 ± K |
| Pump Pressure max. | 1,3 bar |
| Pump flow rate max. (pressure) | 35 L/min |
| In / Outlet connection thread (outside) | 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 plug (GB2099, 15934) |

Reserve technical changes



Power cord with plug (GB2099, 15934)

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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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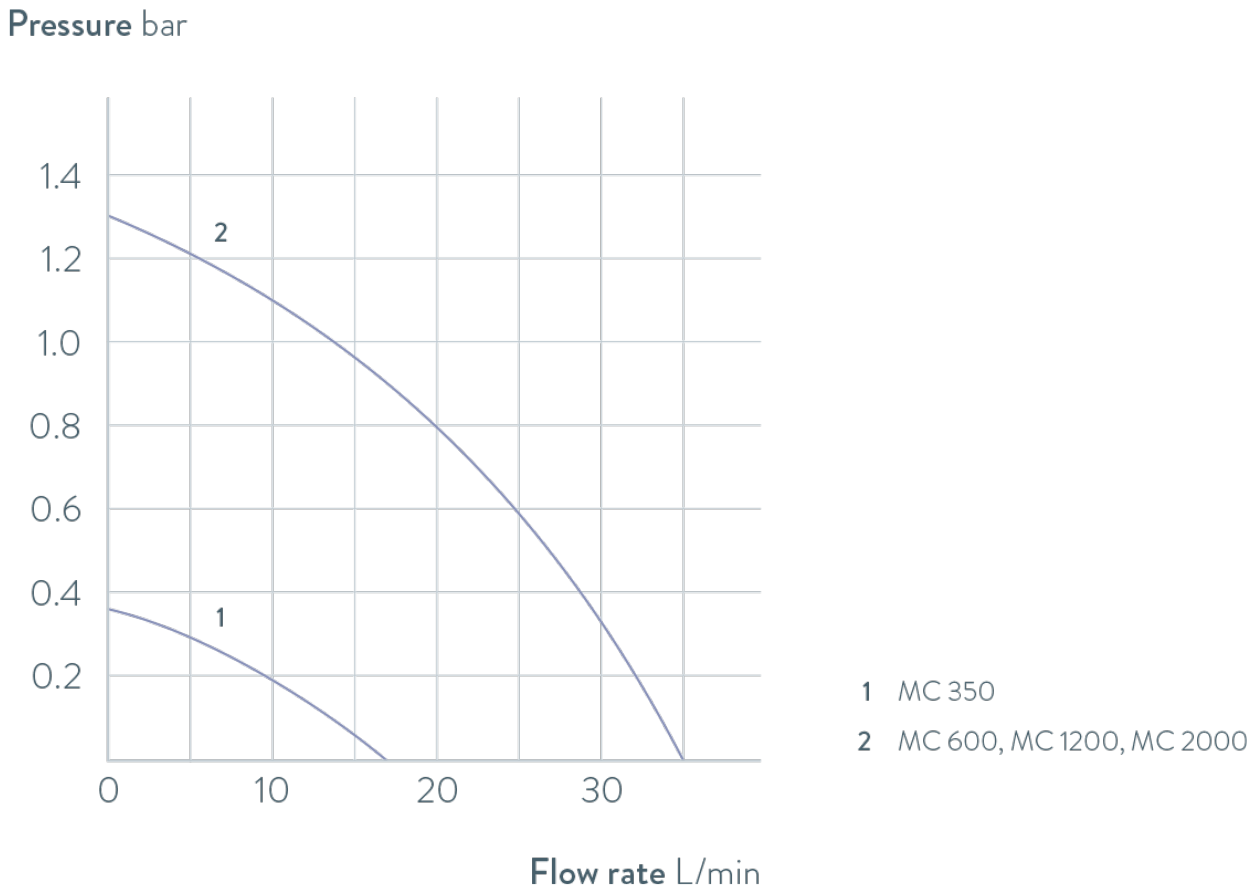


Reserve technical changes


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