

PRODUCT DATA SHEET

Published: 2026-06-22

LAUDA Microcool MC 350

Circulation chiller 100 V; 50/60 Hz

Part Number: L004453

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
- 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:
LAUDA DR. R. WOBSEY 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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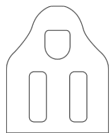
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Technical Features (according to DIN 12876)

| | |
|---|--|
| Working temperature range | -10 ... 40 °C |
| Ambient temperature range | 5 ... 40 °C |
| Temperature stability | 0.5 ± K |
| Pump Pressure max. | 0,4 bar |
| Pump flow rate max. (pressure) | 16 L/min |
| In / Outlet connection thread (outside) | Ø10 mm |
| Filling volume min. | 4 L |
| Filling volume max. | 7 L |
| Overall dimensions (WxDxH) | 240 x 400 x 500 mm |
| Weight | 30 kg |
| Noise level | 57 dB(A) |
| Net Weight | 30.4 kg |
| Power consumption max. | 0.31 kW |
| Current max. | 3.7 A |
| Refrigerant stage 1 | R-290 (GWP 3); 0.041 kg; 0.0 t CO ₂ -eq |
| Power supply | 100 V; 50/60 Hz |
| Power plug | Power cord with plug (NEMA 5-15P) |

Reserve technical changes



Power cord with plug (NEMA 5-15P)

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| Temperature | Heat transfer liquid | Cooling Capacity 50 Hz | Cooling Capacity 60 Hz |
|-------------|----------------------|------------------------|------------------------|
| 40 °C | Waterglycol | 0.35 kW | 0.35 kW |
| 20 °C | Ethanol | 0.35 kW | 0.35 kW |
| 10 °C | Ethanol | 0.27 kW | 0.27 kW |
| 0 °C | Ethanol | 0.2 kW | 0.2 kW |
| -10 °C | Ethanol | 0.12 kW | 0.12 kW |

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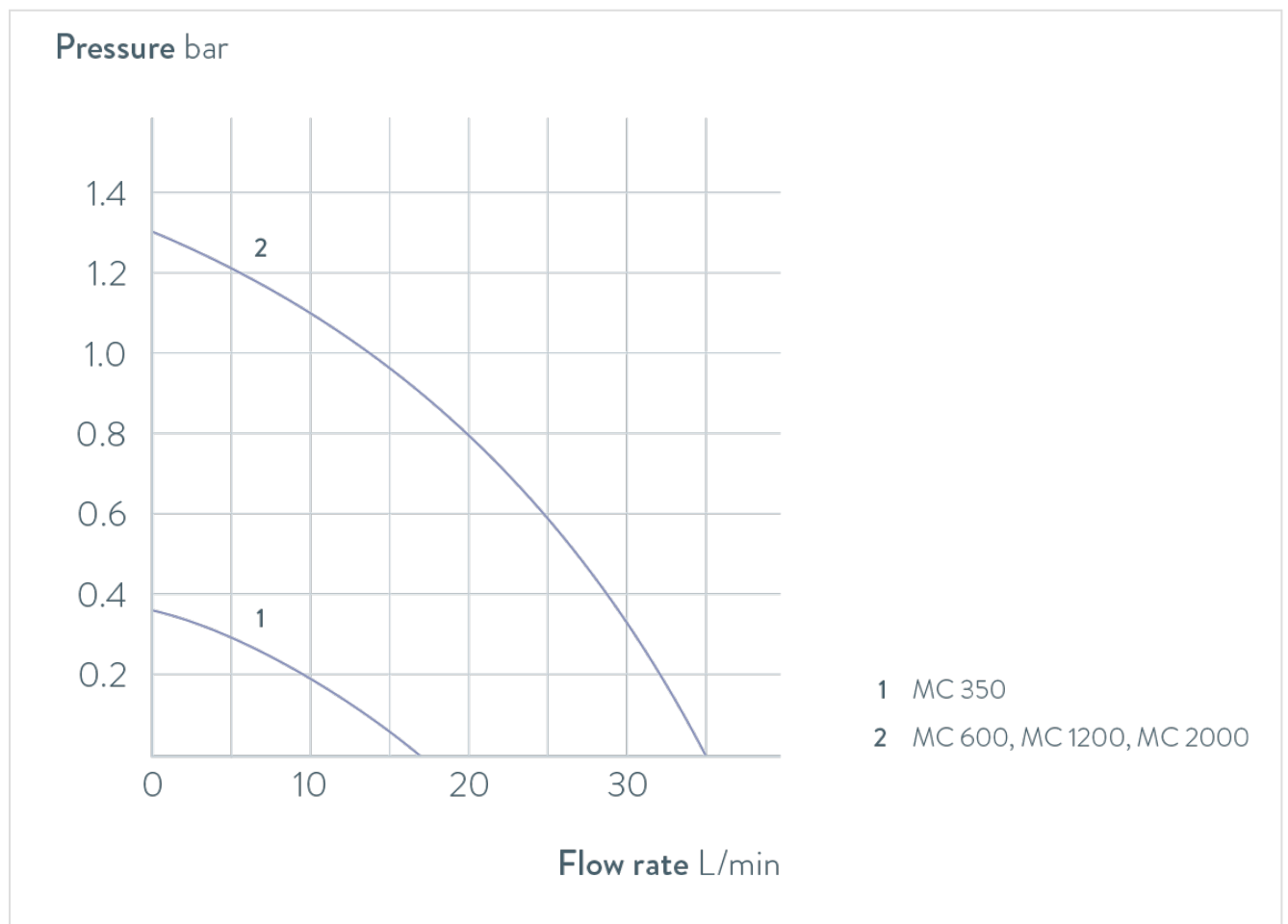
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