

## PRODUCT DATA SHEET

Published: 2026-09-14

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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Kommanditgesellschaft: Sitz Lauda-Königshofen  
Registergericht Mannheim • HRA 560069

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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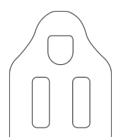
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### Technical Features (according to DIN 12876)

|                                         |                                                    |
|-----------------------------------------|----------------------------------------------------|
| 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) | Ø 10 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)                                           |
| 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 <sub>2</sub> -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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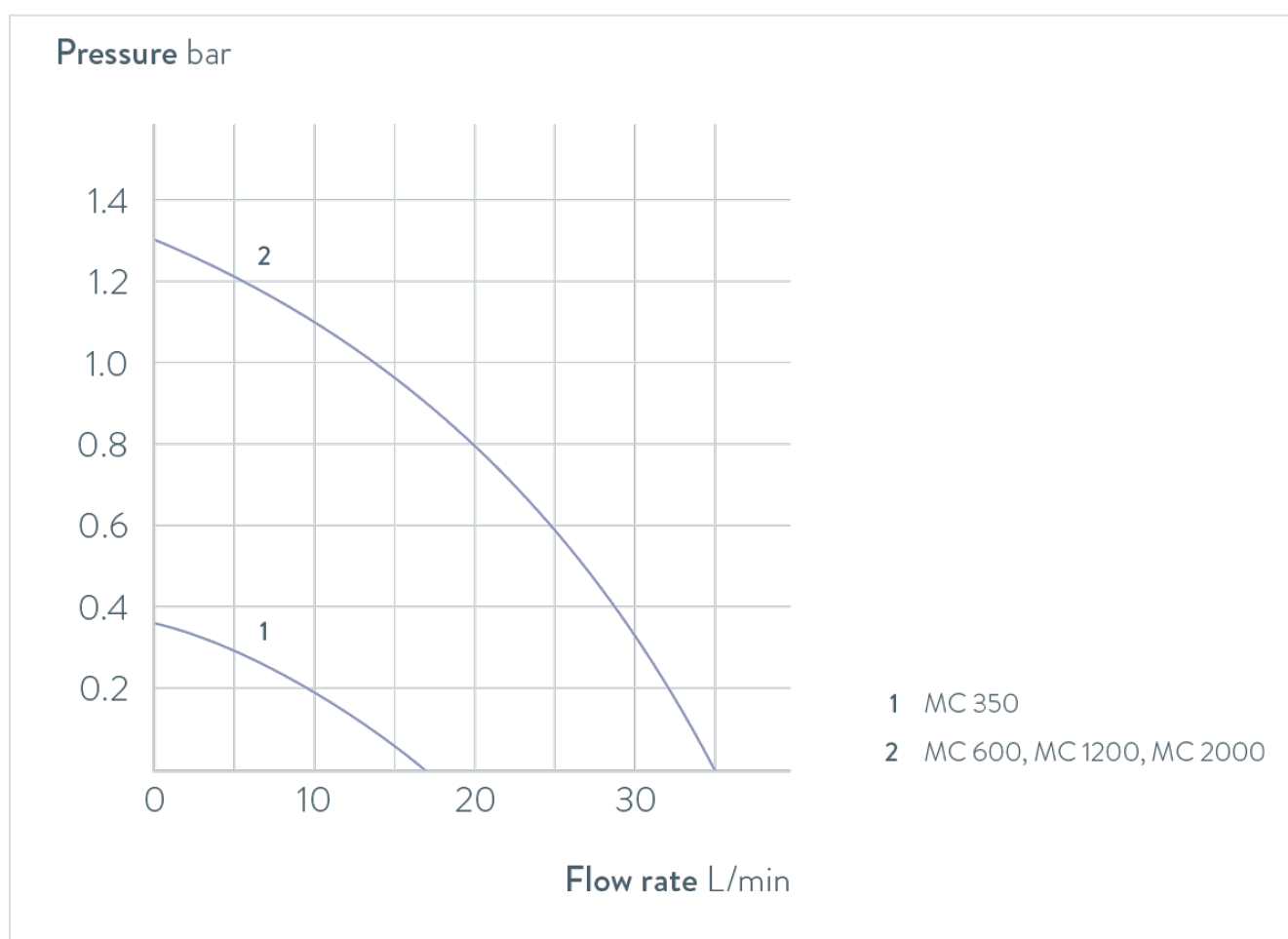
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