

PRODUCT DATA SHEET

Standing: 2024-09-18

LAUDA Microcool MC 250

Circulation chiller 230 V; 50 Hz

Part Number: L001051

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



Reserve technical changes



Working temperature min.
-10 °C



Working temperature max.
40 °C

LAUDA DR. R. WOBSEY GMBH & CO. KG
Laudaplatz 1 • 97922 Lauda-Königshofen • DE

T + 49 (0) 9343 503-0
info@lauda.de • www.lauda.de
WEEE-Reg.-Nr.: DE 66 42 40 57

Kommanditgesellschaft: Sitz Lauda-Königshofen
Registergericht Mannheim • HRA 560069

Persönlich haftende Gesellschafterin:
LAUDA DR. R. WOBSEY Verwaltungs-GmbH
Sitz Lauda-Königshofen
Registergericht Mannheim • HRB 560226

Geschäftsführer:
Dr. Gunther Wobser (Vors.), Dr. Mario Englert,
Dr. Marc Stricker
Beirat: Dr. Gerhard Wobser

PRODUCT DATA SHEET

Standing: 2024-09-18

LAUDA Microcool MC 250
 Circulation chiller 230 V; 50 Hz
 Part Number: L001051

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.	2 L
Filling volume max.	4 L
Overall dimensions (WxDxH)	200 x 350 x 465 mm
Weight	25 kg
Noise level	60 dB(A)
Net Weight	25 kg
Power consumption max.	0.23 kW
Current max.	1.5 A
Refrigerant stage 1	R-134a (GWP 1430); 0.085 kg; 0.1 t CO ₂ -eq
Power supply	230 V; 50 Hz
Power plug	2 Power cords with plug (BS1363 and SEV 1011, SEV 5934/2, T23)

Reserve technical changes

Temperature	Heat transfer liquid	Cooling Capacity 50 Hz
20 °C	Ethanol	0.25 kW
10 °C	Ethanol	0.2 kW
0 °C	Ethanol	0.15 kW
-10 °C	Ethanol	0.09 kW

LAUDA DR. R. WOBSEY GMBH & CO. KG
 Laudaplatz 1 • 97922 Lauda-Königshofen • DE

T + 49 (0) 9343 503-0
 info@lauda.de • www.lauda.de
 WEEE-Reg-Nr.: DE 66 42 40 57

Kommanditgesellschaft: Sitz Lauda-Königshofen
 Registergericht Mannheim • HRA 560069

Persönlich haftende Gesellschafterin:
 LAUDA DR. R. WOBSEY Verwaltungs-GmbH
 Sitz Lauda-Königshofen
 Registergericht Mannheim • HRB 560226

Geschäftsführer:
 Dr. Gunther Wobser (Vors.), Dr. Mario Englert,
 Dr. Marc Stricker
 Beirat: Dr. Gerhard Wobser

PRODUCT DATA SHEET

Standing: 2024-09-18

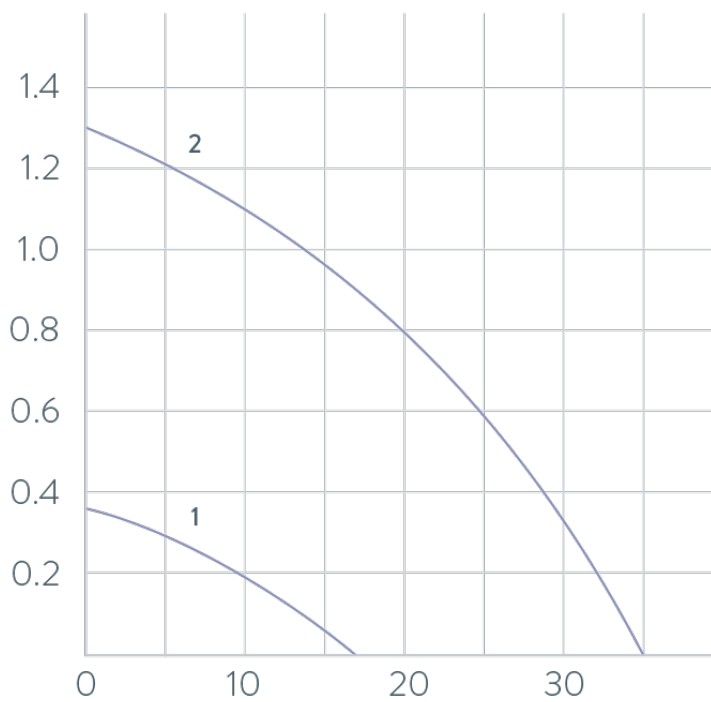
LAUDA Microcool MC 250

Circulation chiller 230 V; 50 Hz

Part Number: L001051

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

LAUDA DR. R. WOBSEY GMBH & CO. KG
Laudaplatz 1 • 97922 Lauda-Königshofen • DE

T + 49 (0) 9343 503-0
info@lauda.de • www.lauda.de
WEEE-Reg-Nr.: DE 66 42 40 57

Kommanditgesellschaft: Sitz Lauda-Königshofen
Registergericht Mannheim • HRA 560069

Persönlich haftende Gesellschafterin:
LAUDA DR. R. WOBSEY Verwaltungs-GmbH
Sitz Lauda-Königshofen
Registergericht Mannheim • HRB 560226

Geschäftsführer:
Dr. Gunther Wobser (Vors.), Dr. Mario Englert,
Dr. Marc Stricker
Beirat: Dr. Gerhard Wobser