

PRODUCT DATA SHEET

Microcool MC 1200

LAUDA Microcool has been designed as a circulation chiller line with five compact models and cooling capacities from 0.25 to 1.2 kW. The user interface with large LED display and the membrane keyboard make the devices easy to use. An RS-232 interface and alarm contact are integrated as standard. What is unusual in this price category of circulation chillers is the high-quality block pump with magnetic coupling. The magnetic coupling of pump and electric motor exclude sealing problems on the pump shaft. LAUDA Microcool circulation chillers are used wherever heat needs to be dissipated reliably and fast, e. g. in laboratories for rotary evaporators, distillation systems or analytical devices.



Working temperature min.
-10 °C



Working temperature max.
40 °C

Technical Attributes

Microcool MC 1200

Working temperature min.	-10 °C
Working temperature max.	40 °C
Ambient temperature min.	5 °C
Ambient temperature max.	40 °C
Temperature stability	0.5 ±K
Filling volume min.	7 L
Filling volume max.	14 L
Cooling output at 20°C measured with ethanol	1.20 kW
Cooling output at 10°C measured with ethanol	1.05 kW
Cooling output at 0°C measured with ethanol	0.75 kW
Cooling output at -10°C measured with ethanol	0.40 kW
Power consumption	1.15 kW
Interface(s)	RS-232
Noise level	59 dB(A)
Display resolution	0.1 °C

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

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Technical Attributes	Microcool MC 1200
Pump pressure max.	1.3 bar
Pump flow max. (pressure)	35 L/min
Pump connection thread	G 3/4 (Ø 15)
Dimensions (WxDxH) in mm	450x550x650

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