

PRODUCT DATA SHEET



Variocool VC 5000

The LAUDA Variocool circulation chillers offer a broad performance spectrum for demanding temperature control tasks. The color TFT screen makes operation easy. A USB interface and an alarm contact are integrated as standard features. Additional interfaces are available as accessories. They are located in the front of the device, which means they are easy to access. The circulation chillers with their multitude of options are very well suited to a number of different applications. Optional pumps, for example, enable higher supply pressure. Optional heating units, which are adapted to the cooling capacity, enable the quick heating of the connected application when needed.



Working temperature min.
-20 °C



Working temperature max.
40 °C

Technical Attributes

Variocool VC 5000

Working temperature min.	-20 °C
Working temperature max.	40 °C
Ambient temperature min.	5 °C
Ambient temperature max.	40 °C
Temperature stability	0.05 ±K
Application	external
Filling volume min.	20 L
Filling volume max.	33 L
Cooling output at 20°C measured with ethanol	5.00 kW
Cooling output at 10°C measured with ethanol	3.90 kW
Cooling output at 0°C measured with ethanol	2.75 kW
Cooling output at -10°C measured with ethanol	1.70 kW
Cooling output at -20°C measured with ethanol	1.00 kW
Power consumption	3.3 kW
Interface(s)	USB (Type B)

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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	Variocool VC 5000
Noise level	65 dB(A)
Pump pressure max.	3.2 bar
Pump flow max. (pressure)	37 L/min
Pump connection thread	G ¾/(15)
Dimensions (WxDxH) in mm	550x650x970

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