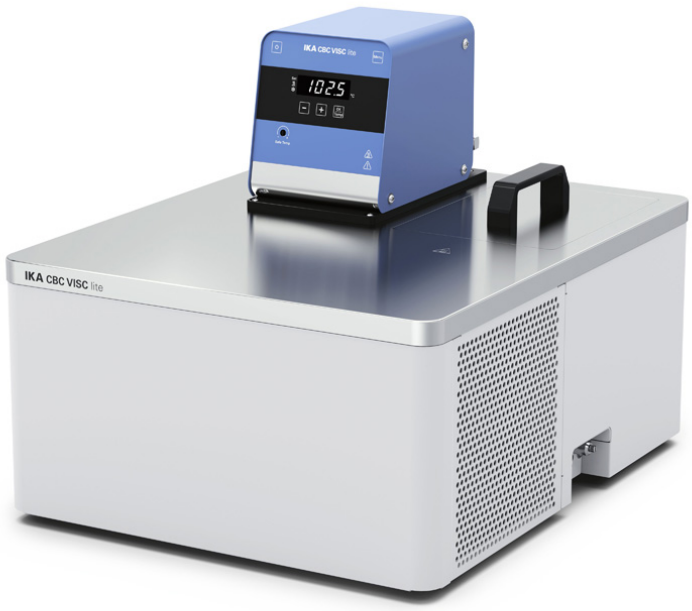
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CBC VISC lite

/// Data Sheet

The CBC VISC lite heating and cooling bath circulator covers a wide temperature range from -25 °C to 125 °C and is designed to be combined with the IKA ROTAVISC viscometers.

YOUR BENEFITS

- Save time: A second beaker (600 ml) can be pre-tempered during the measurement.

- Perfect results: Optimized water flow management in the insulated bath for fast and precise temperature control.

- Improved ecological footprint: Equipped with eco-friendly natural refrigerant R290.

- Flexible application: Thanks to the external pump connection, CBC VISC lite can also be used for heating standard vessels according to DIN for absolute viscosity definition with ELVAS spindles or double-walled beakers.

- Easy to maintain: the easy removable and cleanable air filter guaranties best performance.

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Technical Data

Appliance type	Refrigerated and heating circulator
Class designation acc. DIN 12876	III
Identification according to DIN 12876	FL
Cooling agent	R290
Cooling agent quantity [g]	55
Cooling agent pressure max. [bar]	21
Heat output [W]	2000
Cooling capacity (@20°C) [W]	450
Cooling capacity (@10°C) [W]	420
Cooling capacity (@0°C) [W]	380
Cooling capacity (@-10°C) [W]	250
Cooling capacity (@-20°C) [W]	120
Working temperature [°C]	-25 - 125
Operating temperature min. [°C]	-25
Temperature display	yes
Temperature stability DIN 12876 (@+70°C) [K]	±0.05
Temperature stability DIN 12876 (@-10°C) [K]	±0.05
Temperature control	PID
Working temperature sensor	PT1000
Safety temperature sensor	PT1000
Working temperature display	LED
Safety temperature display	LED
Display resolution [K]	0.1
Set temperature resolution [K]	0.1
Adjustable safety circuit [°C]	0 - 135
Sub-level protection	yes
Over-level protection	yes
Filling volume [l]	5.5 - 8.5
Pump type	Pressure- / suction pump
Pump pressure max. (0 liters discharge flow) [bar]	0.35
Pressure pump (suction side) (0 liter flow) [bar]	0.15
Flow rate max. (0 bar back pressure) [l/min]	18
Pump connection	M16x1
Bath depth min. [mm]	150
Width bath opening [mm]	150
Depth bath opening [mm]	218
Bath total height [mm]	234
Technical data complies with the standard	DIN 12876
Permissible ON time [%]	100
Noise level [dB(A)]	53
Dimensions (W x H x D) [mm]	414 x 392 x 505
Weight [kg]	29
Permissible ambient temperature [°C]	5 - 32
Permissible relative humidity [%]	80
Protection class according to DIN EN 60529	IP 21
RS 232 interface	yes
USB interface	USB-B
Voltage [V]	230

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Frequency [Hz]	50/60
Power input [W]	2320