

CORIO CD-B27 Heating Circulator with Open Bath

The new generation of laboratory circulators for routine work and standard tasks

The Open Heating Bath Circulators of the new CORIO™ series feature high-quality bath tanks made of stainless steel and pump connections.

Your advantages

- Models for internal and external applications
- Bright, white, easy to read display
- Very quiet
- Easy pump change-over between internal and external circulation
- USB connection
- High-quality bath tanks made of stainless steel
- Integrated drain screw (except B5)



Technical Data

Order No.	9012427
Model series	CORIO
Category	Heating Circulators with Open Bath
Working temperature range (°C)	+20 ... +150
Temperature stability (°C)	±0.03
Setting / display resolution	0.1 °C
Temperature Display	LED
Heating capacity (kW)	1
Pump capacity flow rate (l/min)	15
Pump capacity flow pressure (psi)	5.08
Bath opening / bath depth (W x L / D inch)	11.8 x 13.7 / 7.8
Pump connections	M16 x 1
Filling volume liters	17 ... 27
Ambient temperature	5...40 °C
Dimensions W x L x H (inch)	15 x 23 x 18.6
Weight (LBS)	28.7
Included with each unit	2 barbed fittings suitable for tubing 8 and 12 mm inner dia. (pump connections M16x1 male)
Cooling coil	optional
Bath tank	Stainless steel
Bath cover	optional
Available voltage versions	230 V / 50 Hz 208 V - 230 V / 60 Hz 115 V / 60 Hz 100 V / 50-60 Hz

Characteristics



100% Checked.

100% testing. 100% quality. Each CORIO™ undergoes thorough quality testing before leaving the factory.



Locked in.

The lockable power plug guarantees safe connection. More process safety.



ATC.

Absolute Temperature Calibration, 1-point calibration (CD).



Modern. Reliable.

High-grade components in every CORIO™ – platinum sensors, proven motor technology, CAN-Bus communication and much more.



Brilliant.

Bright display with strong illumination can be viewed easily from a long distance.



No sweat.

CORIO™ works robust and reliable – even at ambient temperatures of up to +40 °C.



Cleaning. Easy.

Not only do the new units look good. The functional design makes cleaning a breeze.



Quick start.

Individual JULABO consultation and comprehensive manuals at your disposal.



Clever.

A clean solution. The cleverly integrated drip off design.



Safety.

CORIO™ CD complies with Class III (FL) according to DIN 12876-1 and switches off automatically in case of high temperature or low liquid level alarm.



Connection. Easy.

Inclined pump connections (M16x1) facilitate the connection of applications. Each unit includes 2 barbed fittings of 8/12 mm diameter each.



Satisfied customers.

11 subsidiaries and more than 100 partners worldwide guarantee fast and qualified JULABO support.



Everything at the front.

All operating controls and safety functions are accessed easily and comfortably from the front.



Services 24/7.

Around the clock availability. You can find suitable accessories, data sheets, manuals, case studies, and more at www.julabo.com.



Green technology.

Development consistently applied environmentally friendly materials and technologies.



Soft. Quiet.

CORIO™ circulators are cushion mounted. Protects the electronics. Reduces operating noise and vibration.



Internal. External.

The pump is controlled via a lever located directly below the display. Easily change between internal and external circulation.



Switch on. And off you go.

Intelligent operating concept. Ready for operation with just a few quick and easy steps.



JULABO. Quality.

Highest standards of quality for a long product life.



USB.

Remote control made easy. CORIO™ CD circulators feature a USB connection.