

## Product data sheet

# CORIO C-BT27 Open heating bath circulators with transparent bath tanks

Laboratory circulators for internal temperature application at working temperatures from +20 to +100°C

The open heating bath circulators of the new CORIO series feature high-quality transparent bath tanks.

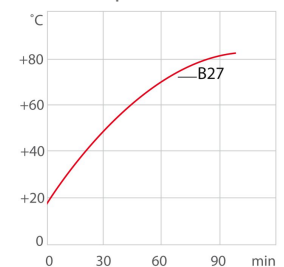


### Product Features

- ✓ Bright, white, easy to read display
- ✓ Very quiet
- ✓ For internal applications
- ✓ Easy operation
- ✓ Integrated drain screw (except B5)
- ✓ Bath fluid: water



Heat-up time Medium: Water



## Performance values

230V/50Hz (Schuko Plug - CEE 7/4 Plug Type F)

Heating capacity kW 2

Viscosity max. cSt 1

Circulation capacity flow rate l/min 6

Circulation capacity pressure bar 0.1

Power consumption A 9

Voltage Tolerance % 230V | ±10

## Technical data

### Available voltage versions

Order No. 9011327

### Available voltage versions:

|                |                                                  |
|----------------|--------------------------------------------------|
| 9011327.22     | 100-115V 50/60Hz (Nema N5-15 Plug)               |
| 9011327.33.chn | 230V 50/60Hz (CN Plug)                           |
| 9011327.33     | 230V 50/60Hz (Schuko Plug - CEE 7/4 Plug Type F) |
| 9011327.04     | 230V 50/60Hz (UK Plug Type BS1363A)              |
| 9011327.05     | 230V 50/60Hz (CH Plug Type SEV 1011)             |

### Cooling

Cooling coil accessory

### Bath

Bath tank Polycarbonat

Usable bath opening cm (W x L / D) 30 x 35 / 20

### Electronics

Temperature control PID1

Absolute temperature calibration 1 Point Calibration

Temperature display LED

Temperature setting Keypad

### Dimensions and volumes

Weight kg 7.2

Total dimensions cm (W x L x H) 38 x 58 x 43

Filling volume l 20 ... 27

### Temperature values

Setting the resolution of the temperature display °C 0.1

Working temperature range °C <sup>1</sup> +20 ... +100

Temperature stability °C ±0.03

Ambient temperature °C +5 ... +40

Temperature display resolution °C 0.01 ... 0.1

<sup>1</sup> For applications near or below ambient temperature: use a cooling coil or JULABO immersion cooler.

### Other

Classification Classification I (NFL)

IP Code IP 21

Pump type Immersion Pump

## All Benefits



### Brilliant.

Very bright display makes it easy to read even from a distance.



### Connection. Easy.

Inclined pump connections (M16×1) facilitate the connection of applications. Each unit includes 2 barbed fittings of 8/12 mm diameter each.



### Everything at the front.

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



### Exact.

You can rely on it. PID1 control and 'Active Cooling Control' make the new CORIO precise and perfect.



### Locked in.

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



### Switch on. And off you go.

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



### Early warning system for low liquid level

Maximum safety for applications, optical and audible alarm, allows user to refill bath fluid before the unit shuts down



### Timer. Integrated.

CORIO circulators include an integrated timer function. When the set time has elapsed, a signal sounds and the device switches off. Setting range: 0 ... 999 minutes.



### 100% Checked.

100% testing. 100% quality. Each JULABO Circulator undergoes thorough quality testing before leaving the factory.



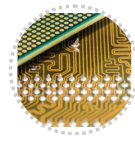
## Green technology.

Development consistently applied environmentally friendly materials and technologies.



## JULABO. Quality.

Highest standards of quality for a long product life.



## Modern. Reliable.

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



## Satisfied customers.

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



## Services 24/7.

Around the clock availability. You can find suitable accessories, data sheets, manuals, case studies, and more at [www.julabo.com](http://www.julabo.com).



## Stable.

Rubber feet allow for a secured footing of your CORIO to prevent damage to your laboratory equipment.



## Quick start.

Individual JULABO consultation and comprehensive manuals at your disposal.