

CORIO CP-BC12 Heating Circulator

In addition to the advantages of the CORIO C Circulator, the CORIO CD and CP Immersion Circulator can be equipped with an optional pump set for temperature control of external applications.

Your advantages

- Models for internal and external applications
- Bright, white, easy to read display
- Very quiet
- Easy switching between internal and external circulation
- Powerful and infinitely adjustable pressure pump
- USB connection
- RS232 interface for online communication
- High-quality bath tanks made of stainless steel with bath lid and drain tap
- Integrated pump connection M16x1
- Integrated cooling coil for counter-cooling
- Precise temperature control
- Easy pump change-over between internal and external circulation



Technical data

Available voltage versions		Bath	
Order No.	9 013 512	Bath tank	Stainless steel
Available voltage versions:		Bath cover	integrated
9 013 512.33	200-230V/50-60Hz (Schuko Plug - CEE 7/4 Plug Type F)	Usable bath opening in. (W x L / D)	8.7 x 5.9 / 7.9
9 013 512.33.chn	200-230V/50-60Hz (CN Plug)		
9 013 512.04	200-230V/50-60Hz (UK Plug Type BS1363A)		
9 013 512.05	200-230V/50-60Hz (CH Plug Type SEV 1011)		
9 013 512.22	100-115V/50-60Hz (Nema N5-15 Plug)		
Other		Electronics	
Classification	Classification III (FL)	Temperature control	PID1
Pump function	Pressure Pump	Absolute temperature calibration	1 Point Calibration
Pump type	Immersion Pump	Temperature display	LED
		Temperature setting	Keypad
		Electronic Timer hr:min	0 ... 999
Dimensions and volumes		Temperature values	
Weight lbs	26.5	Working temperature range °C	+20 ... +200
Barbed fittings inner diameter	8/12 mm	Temperature stability °C	±0.02
Dimensions in. (W x L x H)	13 x 19.3 x 18.5	Ambient temperature °C	+5 ... +40
Filling volume l	8.5 ... 12	Temperature display resolution °C	0.01 ... 0.1
Pump connections	M16x1 male		

Performance values

200-230V/50-60Hz (Schuko Plug - CEE 7/4 Plug Type F)

200V/50Hz		200V/60Hz	
Heating capacity kW	1.8	Heating capacity kW	1.8
Viscosity max. cST	50	Viscosity max. cST	50
Pump capacity flow rate l/min	8 ... 27	Pump capacity flow rate l/min	8 ... 27
Pump capacity flow pressure psi	1.5 ... 10.2	Pump capacity flow pressure psi	1.5 ... 10.2
230V/50Hz		230V/60Hz	
Heating capacity kW	2	Heating capacity kW	2
Viscosity max. cST	50	Viscosity max. cST	50
Pump capacity flow rate l/min	8 ... 27	Pump capacity flow rate l/min	8 ... 27
Pump capacity flow pressure psi	1.5 ... 10.2	Pump capacity flow pressure psi	1.5 ... 10.2

200-230V/50-60Hz (CN Plug)

200V/50Hz		200V/60Hz	
Heating capacity kW	1.8	Heating capacity kW	1.8
Viscosity max. cST	50	Viscosity max. cST	50
Pump capacity flow rate l/min	8 ... 27	Pump capacity flow rate l/min	8 ... 27
Pump capacity flow pressure psi	1.5 ... 10.2	Pump capacity flow pressure psi	1.5 ... 10.2
230V/50Hz		230V/60Hz	
Heating capacity kW	2	Heating capacity kW	2
Viscosity max. cST	50	Viscosity max. cST	50
Pump capacity flow rate l/min	8 ... 27	Pump capacity flow rate l/min	8 ... 27
Pump capacity flow pressure psi	1.5 ... 10.2	Pump capacity flow pressure psi	1.5 ... 10.2

200-230V/50-60Hz (UK Plug Type BS1363A)

200V/50Hz		200V/60Hz	
Heating capacity kW	1.8	Heating capacity kW	1.8
Viscosity max. cST	50	Viscosity max. cST	50
Pump capacity flow rate l/min	8 ... 27	Pump capacity flow rate l/min	8 ... 27
Pump capacity flow pressure psi	1.5 ... 10.2	Pump capacity flow pressure psi	1.5 ... 10.2
230V/50Hz		230V/60Hz	
Heating capacity kW	2	Heating capacity kW	2
Viscosity max. cST	50	Viscosity max. cST	50
Pump capacity flow rate l/min	8 ... 27	Pump capacity flow rate l/min	8 ... 27
Pump capacity flow pressure psi	1.5 ... 10.2	Pump capacity flow pressure psi	1.5 ... 10.2

200-230V/50-60Hz (CH Plug Type SEV 1011)

200V/50Hz		200V/60Hz	
Heating capacity kW	1.8	Heating capacity kW	1.8
Viscosity max. cST	50	Viscosity max. cST	50
Pump capacity flow rate l/min	8 ... 27	Pump capacity flow rate l/min	8 ... 27
Pump capacity flow pressure psi	1.5 ... 10.2	Pump capacity flow pressure psi	1.5 ... 10.2
230V/50Hz		230V/60Hz	

Heating capacity kW	2	Heating capacity kW	2
Viscosity max. cST	50	Viscosity max. cST	50
Pump capacity flow rate l/min	8 ... 27	Pump capacity flow rate l/min	8 ... 27
Pump capacity flow pressure psi	1.5 ... 10.2	Pump capacity flow pressure psi	1.5 ... 10.2

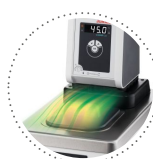
100-115V/50-60Hz (Nema N5-15 Plug)

100V/50Hz		100V/60Hz	
Heating capacity kW	0.8	Heating capacity kW	0.8
Viscosity max. cST	50	Viscosity max. cST	50
Pump capacity flow rate l/min	8 ... 27	Pump capacity flow rate l/min	8 ... 27
Pump capacity flow pressure psi	1.5 ... 10.2	Pump capacity flow pressure psi	1.5 ... 10.2
115V/50Hz		115V/60Hz	
Heating capacity kW	1	Heating capacity kW	1
Viscosity max. cST	50	Viscosity max. cST	50
Pump capacity flow rate l/min	8 ... 27	Pump capacity flow rate l/min	8 ... 27
Pump capacity flow pressure psi	1.5 ... 10.2	Pump capacity flow pressure psi	1.5 ... 10.2

All Benefits



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



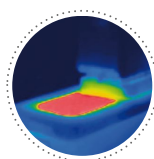
Condensation protection.
Superb design solution. Integrated ventilation directs air over the bath lid and minimizes condensation.



Handle with ease.
Makes day-to-day work easy. Comfortably move your CORIO around by using the ergonomic handles (front and rear).



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



Solid.
Minimized energy loss through high-quality insulation.



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



Tidy.
The special drain tap for easy draining of bath fluids without tools.



Touching permitted.
Optimum safety. The ergonomic plastic handle protects your fingers from hot surfaces.



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.



Quick start.
Individual JULABO consultation and comprehensive manuals at your disposal.



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.



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.



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



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



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



Powerful. Adjustable.
Strong pressure pump, continuously adjustable.



Early warning system for low liquid level.
Maximum safety for your application. Optical and audible alarm allows user to refill bath fluid in time.



Connectivity.
Remote control made easy. CORIO CP circulators feature a USB connection and RS232 interface.