

CORIO™. Everything you need. The advantages at a glance.



Brilliant.

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



Touching permitted.

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



Switch on. And off you go.

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



Unique.

Specially designed pyramids ensure that the condensed liquid drips directly back into the bath.



Click.

One for all. Control the circulator and the refrigeration unit with only one power switch.



More bath.

Designed for more comfort. Thanks to the recessed cooling coil, the internal bath provides more space.



Everything at the front.

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



Space saving. Free up space.

Place your CORIO™ right next to an application, another unit, or wall. That saves space. This is made possible by eliminating vents and connections on the sides.



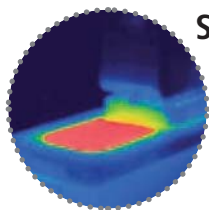
Internal. External.

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



Handle with ease.

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



Solid.

Minimized energy loss through high-quality insulation.



Soft. Quiet.

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



Mobile.

Extra easy handling. Integrated castors for easy repositioning of refrigerated circulators. (CD-600F)



Cleaning. Easy.

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



Saves energy.

As you desire. Various modes for the refrigeration unit: permanently on, permanently off, or on as refrigeration is needed.



ATC.

Absolute Temperature Calibration, 1-point calibration.



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.



Condensation protection.

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



Stable.

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



Exact.

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



USB.

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



Locked in.

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

JULABO
exclusive



Connection. Easy.

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



Tidy.

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



Maintenance. Friendly.

The front magnetic grid can be removed easily for user-friendly cleaning and maintenance. Without tools.



JULABO. Quality.

Highest standards of quality for a long product life.



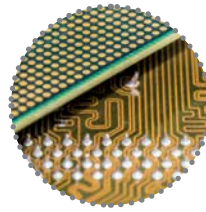
100% Checked.

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



No sweat.

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



Modern. Reliable.

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



Green technology.

Development consistently applied environmentally friendly materials and technologies.



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.



Refrigerated Circulators

CORIO™ CD Series

for working temperatures from -30 °C to +150 °C

Refrigerated / Heating Circulators of the new CORIO™ series distinguish themselves with a great price-to-performance ratio. They are ideal for all standard tasks and routine work in laboratories and industry.

- Models for internal and external applications
- Bright, white, easy to read display
- Very quiet
- Easy change-over from internal to external circulation and vice versa
- External pump connections (M16x1)
- USB interface
- Space-saving cooling coil design yields more usable space in the bath tank
- Bath lid and drain tap included
- Removable ventilation grid
- Refrigeration unit without side vents
- Class III (FL) according to DIN 12876-1

To adapt the CORIO™ Refrigerated / Heating Circulator to your individual application, we offer a comprehensive range of accessories (bath fluid, tubing, adapter, and more).

Applications

Temperature control of samples in a circulator bath or temperature control of an external application. For example: measuring cells, refractometers, polarimeters, photometers, viscometers, fermenters, electrophoresis chambers, chromatography columns, rotary evaporators, rheometers, and more.



CORIO™ CD-200F

Order No.	9 012 701		
Model	CD-200F		
Working temperature range °C	-20 ... +150		
Temperature stability °C	± 0.03		
Heating capacity kW	2		
Cooling capacity kW (Bath fluid: Ethanol)	+20 °C	0 °C	-20 °C
	0.22	0.17	0.06
Pump capacity	l/min	bar	
Flow rate / Pressure	15	0.35	
Bath opening / Bath depth	W x L / D cm		
	13 x 15 / 15		
Filling volume liters	3 ... 4		
Dimensions	W x L x H cm		
	23 x 39 x 65		

The CORIO™ Principle

Powerful. Robust. CORIO™ features all core functions for the temperature control of a wide variety of applications and samples.

Everything you need. Inside and out. All that is needed for daily routine tasks in laboratories and industry.

Ergonomic. Elegant. CORIO™ incorporates forward-looking technologies with highest demands for precision, reliability, economy and operation.

New. Different. Discover the numerous advantages of the CORIO™ generation.



CORIO™ CD-201F

Order No.	9 012 702		
Model	CD-201F		
Working temperature range °C	-20 ... +150		
Temperature stability °C	± 0.03		
Heating capacity kW	2		
Cooling capacity kW (Bath fluid: Ethanol)	+20 °C	0 °C	-20 °C
	0.2	0.16	0.06
Pump capacity	l/min	bar	
Flow rate / Pressure	15	0.35	
Bath opening / Bath depth	W x L / D cm		
	13 x 15 / 15		
Filling volume liters	3 ... 4		
Dimensions	W x L x H cm		
	44 x 41 x 44		



CORIO™ CD-300F

Order No.	9 012 703		
Model	CD-300F		
Working temperature range °C	-25 ... +150		
Temperature stability °C	± 0.03		
Heating capacity kW	2		
Cooling capacity kW (Bath fluid: Ethanol)	+20 °C	0 °C	-20 °C
	0.31	0.28	0.11
Pump capacity	l/min	bar	
Flow rate / Pressure	15	0.35	
Bath opening / Bath depth	W x L / D cm		
	13 x 15 / 15		
Filling volume liters	3 ... 4		
Dimensions	W x L x H cm		
	24 x 42 x 66		

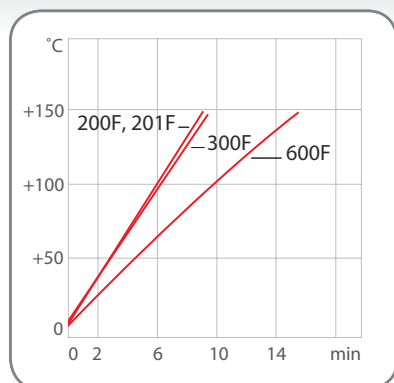


CORIO™ CD-600F

Order No.	9 012 704		
Model	CD-600F		
Working temperature range °C	-30 ... +150		
Temperature stability °C	± 0.03		
Heating capacity kW	2		
Cooling capacity kW (Bath fluid: Ethanol)	+20 °C	0 °C	-20 °C
	0.6	0.53	0.22
Pump capacity	l/min	bar	
Flow rate / Pressure	15	0.35	
Bath opening / Bath depth	W x L / D cm		
	22 x 15 / 15		
Filling volume liters	5 ... 7.5		
Dimensions	W x L x H cm		
	33 x 47 x 69		

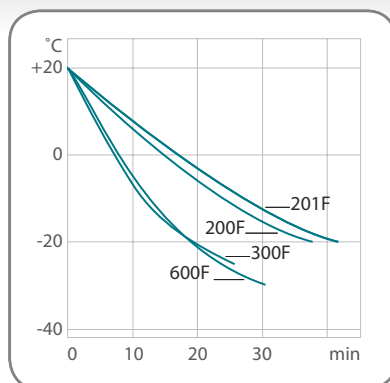
Heat-up time

Bath fluid: Thermal



Cool-down time

Bath fluid: Ethanol



Pump capacity

Bath fluid: Water

