

Heating and Refrigerated Circulators, JULABO



JULABO refrigerated and heating circulators for heating and cooling are suitable for external temperature tasks and for temperature applications directly in the bath. Models are available in various capacity classes. Powerful circulating pump systems and high heating and cooling capacities guarantee short heat-up and cool-down times. With „Active Cooling Control“ up to +200°C. „FP“ models are equipped with proportional cooling control for lower energy consumption and heat loss. The inevitable dust accumulation that occurs in refrigeration systems is solved by means of an easily removed venting grill, which allows for easy cleaning. Depending on the model, the units are equipped with handles or castors for an easy transportation. All models have a drain tap on the front allowing the fluid to be drained easily. Typical applications are the temperature control of external, closed consumers such as photometers, refractometers, viscosimeters, etc. Temperature applications with small objects in the circulator bath are possible simultaneously.

CORIO refrigerated/heating circulator

Laboratory bath circulators for routine and standard tasks

Refrigerated / heating circulators of the CORIO™ series distinguish themselves with a great price-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 pump change-over (internal and external circulation)
- External pump connections (M16x1)
- USB connection
- 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

Cooling capacity	+20°C	0°C	-10°C	-20°C	-30°C	-40°C
CORIO CD-200F	0.22 kW	0.17 kW		0.06 kW		
CORIO CD-201F	0.22 kW	0.16 kW		0.06 kW		
CORIO CD-300F	0.31 kW	0.28 kW		0.11 kW		
CORIO CD-600F	0.6 kW	0.46 kW	0.35 kW	0.18 kW	0.1 kW	
CORIO CD-601F	0.6 kW	0.46 kW	0.35 kW	0.18 kW	0.07 kW	
CORIO CD-900F	0.9 kW	0.8 kW	0.55 kW	0.35 kW	0.15 kW	0.01 kW
CORIO CD-1000F	1 kW	0.98 kW	0.73 kW	0.53 kW	0.25 kW	0.02 kW
CORIO CD-1001F	1 kW	0.9 kW	0.63 kW	0.35 kW	0.13 kW	0.1 kW



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Type	①				②			
	CORIO CD-200F	CORIO CD-201F	CORIO CD-300F	CORIO CD-600F				
Width × Depth × Height	mm 230×380×650	440×410×440	240×420×660	330×470×690				
Weight	kg 26	25	28	36				
Working temperature	°C -20 – +150	-20 – +150	-25 – +150	-35 – +150				
Temperature accuracy ±	°C 0.03	0.03	0.03	0.03				
Temperature display	LED	LED	LED	LED				
Heating capacity	kW 2	2	2	2				
Pump capacity								
Flow rate	l/min 15	15	15	15				
Pressure	bar 0.35	0.35	0.35	0.35				
Bath opening	mm 130×150	130×150	130×150	220×150				
Bath depth	mm 150	150	150	150				
Class division (DIN12876-1)	3	3	3	3				
Order No.	10 35 92701	10 35 92702	10 35 92703	10 35 92704				

Type	③			
	CORIO CD-601F	CORIO CD-900F	CORIO CD-1000F	CORIO CD-1001F
Width × Depth × Height	mm 360×460×740	390×620×750	420×490×700	450×640×950
Weight	kg 38.5	52	51.5	74
Working temperature	°C -40 – +150	-40 – +150	-40 – +150	-38 – +100
Temperature accuracy ±	°C 0.03	0.03	0.03	0.03
Temperature display	LED	LED	LED	LED
Heating capacity	kW 2	2	2	2
Pump capacity				
Flow rate	l/min 15	15	15	15
Pressure	bar 0.35	0.35	0.35	0.35
Bath opening	mm 220×150	260×150	220×150	350×410
Bath depth	mm 200	200	150	300
Class division (DIN12876-1)	3	3	3	3
Order No.	10 35 92705	10 35 92706	10 35 92707	10 35 92708



CORIO CP refrigerated/heating circulator

Type	④			
Bath tank	Stainless steel	Stainless steel	Stainless steel	Stainless steel
W x D x H	cm 23 x 39 x 65	44 x 41 x 44	24 x 42 x 66	33 x 47 x 69
Weight	kg 26	25	28	35.7
Working temperature	°C -20 – +200	-20 – +200	-25 – +200	-35 – +200
Temperature accur. ±	°C ±0.03	±0.03	±0.03	±0.03
Cooler capacity at 20°C	0.2	0.2	0.3	0.6
Temperature display	LED	LED	LED	LED
Heating capacity	kW 2	2	2	2
Flow rate	l/min 8 – 27	8 – 27	8 – 27	8 – 27
Pressure	bar 0.1 – 0.7	0.1 – 0.7	0.1 – 0.7	0.1 – 0.7
Bath opening	cm 13 x 15	13 x 15	13 x 15	22 x 15
Bath depth	cm 15	15	15	15
Filling volume	l 3 – 4	3 – 4	3 – 4	5 – 7.5
Order No.	10 35 93701	10 35 93702	10 35 93703	10 35 93704

Type	CORIO CP-601F			
Bath tank	Stainless steel	Stainless steel	Stainless steel	Stainless steel
W x D x H	cm 36 x 46 x 74	39 x 62 x 75	42 x 49 x 70	45 x 64 x 95
Weight	kg 38.5	52	51.5	73.7
Working temperature	°C -35 – +200	-38 – +200	-50 – +200	-38 – +100
Temperature accur. ±	°C ±0.03	±0.03	±0.03	±0.03
Cooler capacity at 20°C	0.6	0.9	1	1
Temperature display	LED	LED	LED	LED
Heating capacity	kW 2	2	2	2
Flow rate	l/min 8 – 27	8 – 27	8 – 27	8 – 27
Pressure	bar 0.1 – 0.7	0.1 – 0.7	0.1 – 0.7	0.1 – 0.7
Bath opening	cm 22 x 15	26 x 35	22 x 15	35 x 41
Bath depth	cm 15	20	15	30
Filling volume	l 8 – 10	21 – 30	5 – 7.5	42 – 56
Order No.	10 35 93705	10 35 93706	10 35 93707	10 35 93708



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DYNEO DD refrigerated/heating circulator

Type	⑤			
Bath tank	Stainless steel	Stainless steel	Stainless steel	Stainless steel
W x D x H	cm 23 x 39 x 65	44 x 41 x 44	24 x 42 x 66	33 x 47 x 69
Weight	kg 25.7	24.7	27.7	35.7
Working temperature	°C -20 – +200	-20 – +200	-25 – +200	-35 – +200
Temperature accur. ±	°C ±0.01	±0.01	±0.01	±0.01
Cooler capacity at 20°C	0.2	0.2	0.3	0.6
Temperature display	3.5" TFT Display	3.5" TFT Display	3.5" TFT Display	3.5" TFT Display
Heating capacity	W 2	2	2	2
Flow rate	l/min 8 – 23	8 – 23	8 – 23	8 – 23
Pressure	bar 0.1 – 0.6	0.1 – 0.6	0.1 – 0.6	0.1 – 0.6
Bath opening	cm 13 x 15	13 x 15	13 x 15	22 x 15
Bath depth	cm 15	15	15	15
Filling volume	l 3 – 4	3 – 4	3 – 4	5 – 7.5
Order No.	10 35 91701	10 35 91702	10 35 91730	10 35 91704

Type	DYNEO DD-601F			
Bath tank	Stainless steel	Stainless steel	Stainless steel	Stainless steel
W x D x H	cm 36 x 46 x 74	39 x 62 x 75	42 x 49 x 70	45 x 64 x 95
Weight	kg 38.2	51.7	51.2	73.7
Working temperature	°C -35 – +200	-38 – +200	-50 – +200	-38 – +100
Temperature accur. ±	°C ±0.01	±0.01	±0.01	±0.01
Cooler capacity at 20°C	0.6	0.9	1	1
Temperature display	3.5" TFT Display	3.5" TFT Display	3.5" TFT Display	3.5" TFT Display
Heating capacity	W 2	2	2	2
Flow rate	l/min 8 – 23	8 – 23	8 – 23	8 – 23
Pressure	bar 0.1 – 0.6	0.1 – 0.6	0.1 – 0.6	0.1 – 0.6
Bath opening	cm 22 x 15	26 x 35	22 x 15	35 x 41
Bath depth	cm 20	20	15	30
Filling volume	l 8 – 10	21 – 30	5 – 7.5	42 – 56
Order No.	10 35 91705	10 35 91706	10 35 91707	10 35 91708



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