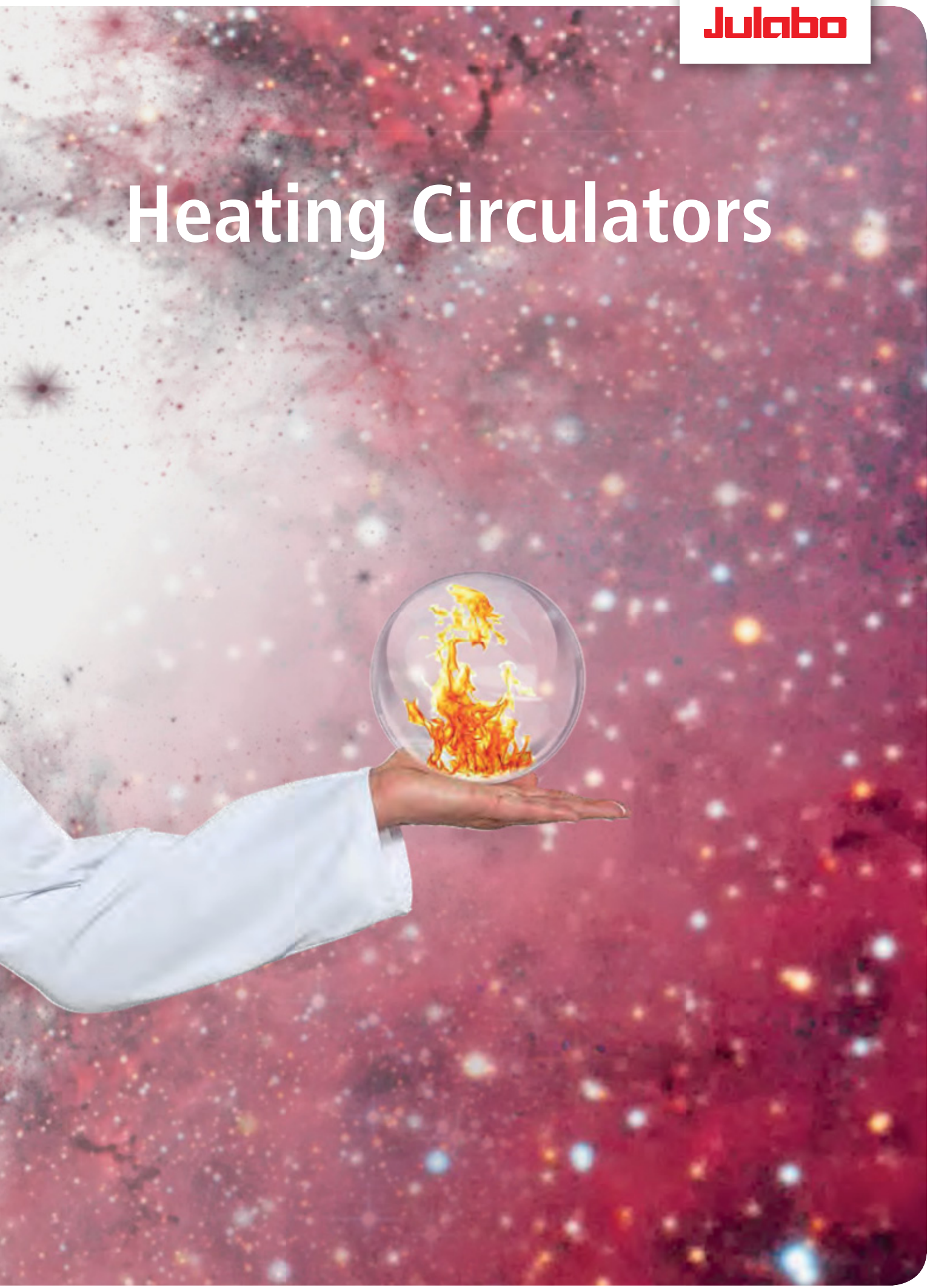
Heating Circulators



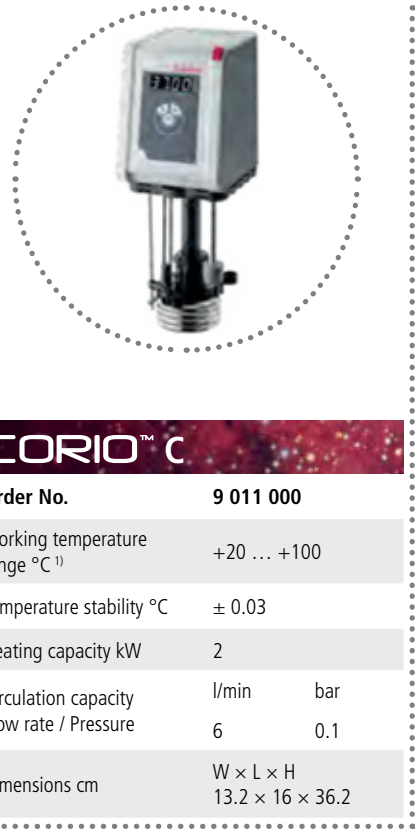
CORIO C Immersion Circulator

for working temperatures from +20 °C to +100 °C

The CORIO C is the entry level model of the CORIO circulator portfolio. The bath attachment clamp is included in delivery and facilitates mounting of the circulator on any bath tank up to 30 liters.

- Precise temperature control
- For internal standard applications
- For bath tanks with a max. filling volume of 30 liters
- Immersion depth: 7.5 ... 16.5 cm
- Bright, white, easy-to-read display
- Whisper quiet
- Easy operation
- Class I (NFL) according to DIN 12876-1

To adapt the CORIO Immersion Circulator to your individual application we offer a comprehensive range of accessories (racks, bath lids, and more).



CORIO™ C

Order No.	9 011 000	
Working temperature range °C [1]	+20 … +100	
Temperature stability °C	± 0.03	
Heating capacity kW	2	
Circulation capacity Flow rate / Pressure	l/min	bar
	6	0.1
Dimensions cm	W × L × H 13.2 × 16 × 36.2	

Option I

The universal bath attachment clamp permits mounting the CORIO Immersion Circulator on rectangular as well as round bath tanks.

Option II

Just a few simple steps and the bath attachment clamp is transformed into a mount for laboratory stands.

Applications (CORIO C, CD and CP)
Flexible applications when changing bath tanks. For a large variety of applications in chemistry, pharmaceutics, medicine, e.g. temperature applications, analytics, or material testing.

Option III

The Immersion Circulator can be attached directly to the rim of an open JULABO bath.

Flexibility.

The jet nozzle permits continuous adjustment of the pump stream in your bath.

CORIO CD and CP Immersion Circulator

for working temperatures from +20 °C to +200 °C

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.

- Precise temperature control
- For internal and external applications (accessories required)
- For bath tanks with a max. filling volume of 50 liters
- Immersion depth: 7.5 ... 16.5 cm
- Bright, white, easy-to-read display
- Very quiet
- Easy handling
- Easy change-over from internal to external circulation and vice versa
- pump capacity, infinitely adjustable (CP)
- USB interface
- R232 interface (CP)
- Early warning system for low liquid level (CP)
- Class III (FL) according to DIN 12876-1

To adapt the CORIO Immersion Circulator to your individual application we offer a comprehensive range of accessories (racks, bath lids, tubing, adapters, and more).

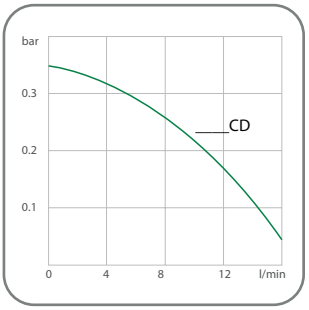
CORIO™ CD

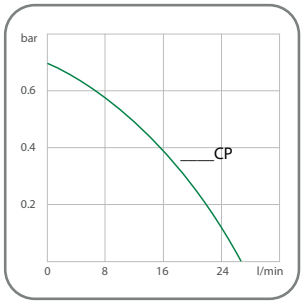
Order No.	9 012 000	
Working temperature range °C [1]	+20 … +150	
Temperature stability °C	± 0.03	
Heating capacity kW	2	
Pump capacity Flow rate / Pressure	l/min	bar
	15	0.35
Dimensions cm	W × L × H 13.2 × 16 × 36.2	

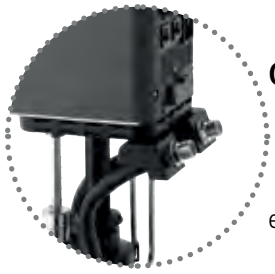
CORIO™ CP

Order No.	9 013 000	
Working temperature range °C [1]	+20 … +200	
Temperature stability °C	± 0.02	
Heating capacity kW	2	
Pump capacity Flow rate / Pressure	l/min	bar
	8 … 27	0.1 … 0.7
Dimensions cm	W × L × H 13.2 × 16 × 36.2	

Pump capacity
Bath fluid: Water

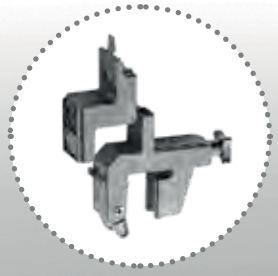






Optional pump set

With a few simple steps you can install a pump set on the CORIO CD Immersion Circulator. In no time at all, your circulator is ready for temperature control of an external application.



Universal.

Universal bath attachment clamp. For straight containers. For round containers. For laboratory stands (in combination with stand attachment).

[1] For applications near or below ambient temperature: use a cooling coil or JULABO immersion cooler.

CORIO C Open Heating Bath Circulators

for internal temperature applications with transparent bath tanks
for working temperatures from +20 °C to +100 °C

The Open Heating Bath Circulators of the CORIO series feature durable, high-quality transparent bath tanks.

- For internal applications
- Bright, white, easy-to-read display
- Whisper quiet

To adapt the CORIO Open Heating Bath Circulator to your individual application we offer a comprehensive range of accessories (racks, bath lids, and more).

Clever.

A clean solution. The cleverly integrated drip off design (B and BT baths).

CORIO™ C-BT5

Order No.	9 011 305	
Working temperature range °C [1)]	+20 … +100	
Temperature stability °C	± 0.03	
Heating capacity kW	2	
Circulation capacity Flow rate / Pressure	l/min 6	bar 0.1
Bath opening / Bath depth cm	W × L / D 15 × 15 / 15	
Filling volume liters	3.5 … 5	
Dimensions cm	W × L × H 23 × 38 × 38	

CORIO™ C-BT9

Order No.	**9 011 309**	
Working temperature range °C [1]	+20 … +100	
Temperature stability °C	± 0.03	
Heating capacity kW	2	
Circulation capacity Flow rate / Pressure	l/min 6	bar 0.1
Bath opening / Bath depth cm	W × L / D 23 × 15 / 15	
Filling volume liters	6 … 9	
Dimensions cm	W × L × H 32 × 38 × 38	

CORIO™ C-BT19

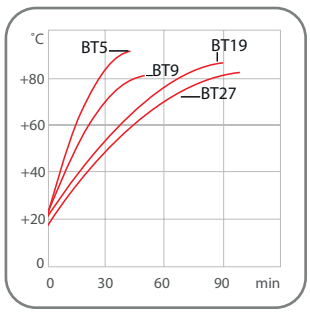
Order No.	**9 011 319**	
Working temperature range °C [1]	+20 … +100	
Temperature stability °C	± 0.03	
Heating capacity kW	2	
Circulation capacity Flow rate / Pressure	l/min 6	bar 0.1
Bath opening / Bath depth cm	W × L / D 30 × 35 / 15	
Filling volume liters	14 … 19	
Dimensions cm	W × L × H 38 × 58 × 38	

CORIO™ C-BT27

Order No.	**9 011 327**	
Working temperature range °C [1]	+20 … +100	
Temperature stability °C	± 0.03	
Heating capacity kW	2	
Circulation capacity Flow rate / Pressure	l/min 6	bar 0.1
Bath opening / Bath depth cm	W × L / D 30 × 35 / 20	
Filling volume liters	20 … 27	
Dimensions cm	W × L × H 38 × 58 × 43	

Heat-up time

Bath fluid: Water



Applications

Temperature control of samples, preparation of samples for serology and clinical chemistry, analysis, material testing, and more.

[1] For applications near or below ambient temperature: use a cooling coil or JULABO immersion cooler.

CORIO C Open Heating Bath Circulators

for internal temperature applications with stainless steel bath tanks for working temperatures from +20 °C to +100 °C

The Open Heating Bath Circulators of the CORIO series feature high-quality bath tanks made of stainless steel.

- For internal applications
- Bright, white, easy-to-read display
- Whisper quiet
- High-quality bath tanks made of stainless steel
- Integrated drain screw (except for B5)

To adapt the CORIO Open Heating Bath Circulator to your individual application we offer a comprehensive range of accessories (racks, bath lids, and more).

Applications
Temperature control of samples, preparation of samples for serology and clinical chemistry, analysis, material testing, and more.

CORIO™ C-B5

Order No.	**9 011 405**	
Working temperature range °C [1)]	+20 … +100	
Temperature stability °C	± 0.03	
Heating capacity kW	2	
Circulation capacity Flow rate / Pressure	l/min 6	bar 0.1
Bath opening / Bath depth cm	W × L / D 15 × 15 / 15	
Filling volume liters	3.5 … 5	
Dimensions cm	W × L × H 23 × 38 × 41	

CORIO™ C-B13

Order No.	9 011 413	
Working temperature range °C [1]	+20 … +100	
Temperature stability °C	± 0.03	
Heating capacity kW	2	
Circulation capacity Flow rate / Pressure	l/min 6	bar 0.1
Bath opening / Bath depth cm	W × L / D 30 × 18 / 15	
Filling volume liters	9 … 13	
Dimensions cm	W × L × H 38 × 40 × 42	

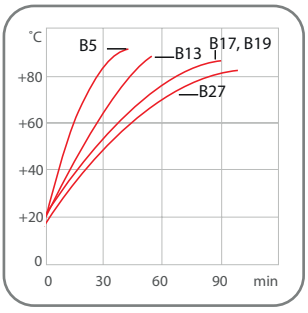
CORIO™ C-B17

Order No.	9 011 417	
Working temperature range °C [1]	+20 … +100	
Temperature stability °C	± 0.03	
Heating capacity kW	2	
Circulation capacity Flow rate / Pressure	l/min 6	bar 0.1
Bath opening / Bath depth cm	W × L / D 30 × 18 / 20	
Filling volume liters	13 … 17	
Dimensions cm	W × L × H 38 × 40 × 47	

CORIO™ C-B19

Order No.	9 011 419	
Working temperature range °C [1]	+20 … +100	
Temperature stability °C	± 0.03	
Heating capacity kW	2	
Circulation capacity Flow rate / Pressure	l/min 6	bar 0.1
Bath opening / Bath depth cm	W × L / D 30 × 35 / 15	
Filling volume liters	14 … 19	
Dimensions cm	W × L × H 38 × 58 × 42	

Heat-up time
Bath fluid: Water



CORIO™ C-B27

Order No.	9 011 427	
Working temperature range °C [1]	+20 … +100	
Temperature stability °C	± 0.03	
Heating capacity kW	2	
Circulation capacity Flow rate / Pressure	l/min 6	bar 0.1
Bath opening / Bath depth cm	W × L / D 30 × 35 / 20	
Filling volume liters	17 … 27	
Dimensions cm	W × L × H 38 × 58 × 47	

[1] with counter cooling / bath cover (accessory).

CORIO CD Open Heating Bath Circulators

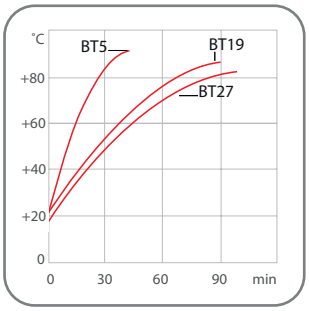
for internal and external temperature applications with transparent bath tanks for working temperatures from +20 °C to +100 °C

The Open Heating Bath Circulator of the CORIO series feature durable, high-quality transparent bath tanks and pump connections.

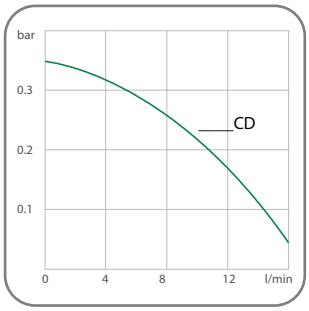
- For internal and external applications
- Bright, white, easy-to-read display
- Very quiet
- Easy change-over from internal to external circulation and vice versa

To adapt the CORIO Open Heating Bath Circulator to your individual application we offer a comprehensive range of accessories (racks, bath lids, tubing, adapters and more).

Heat-up time
Bath fluid: Water



Pump capacity
Bath fluid: Water



Applications
Temperature control of samples, preparation of samples for serology and clinical chemistry, analysis, material testing, external temperature control applications in combination with measuring instruments, measuring cells, photometers, refractometers, polarimeters, and more.

CORIO™ CD-BT5

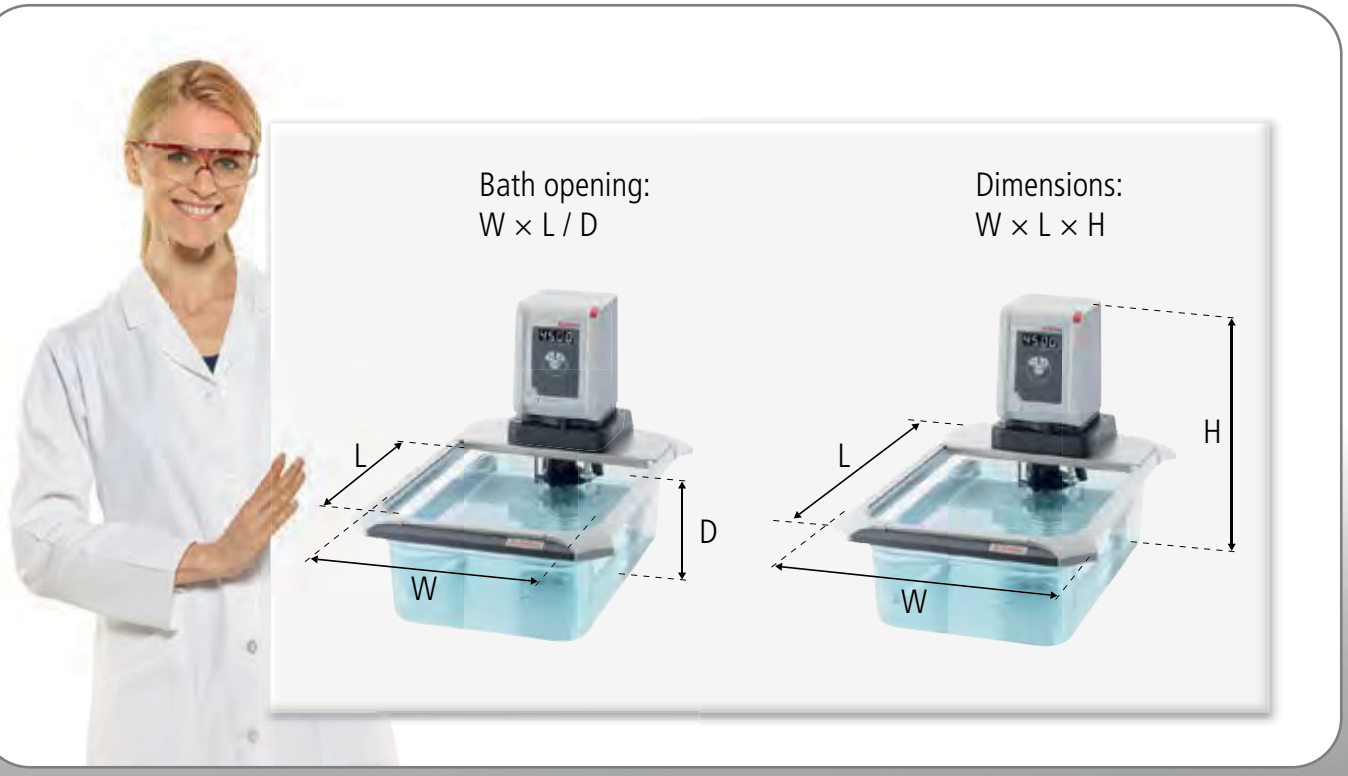
Order No.	9 012 305	
Working temperature range °C [1]	+20 … +100	
Temperature stability °C	± 0.03	
Heating capacity kW	2	
Pump capacity Flow rate / Pressure	l/min	bar
	15	0.35
Bath opening / Bath depth cm	W × L / D 15 × 15 / 15	
Filling volume liters	3.5 … 5	
Dimensions cm	W × L × H 23 × 38 × 38	

CORIO™ CD-BT19

Order No.	9 012 319	
Working temperature range °C [1]	+20 … +100	
Temperature stability °C	± 0.03	
Heating capacity kW	2	
Pump capacity Flow rate / Pressure	l/min	bar
	15	0.35
Bath opening / Bath depth cm	W × L / D 30 × 35 / 15	
Filling volume liters	14 … 19	
Dimensions cm	W × L × H 38 × 58 × 38	

CORIO™ CD-BT27

Order No.	9 012 327	
Working temperature range °C [1]	+20 … +100	
Temperature stability °C	± 0.03	
Heating capacity kW	2	
Pump capacity Flow rate / Pressure	l/min	bar
	15	0.35
Bath opening / Bath depth cm	W × L / D 30 × 35 / 20	
Filling volume liters	20 … 27	
Dimensions cm	W × L × H 38 × 58 × 43	



[1] with counter cooling / bath cover (accessory).

CORIO CD Open Heating Bath Circulators

for internal and external temperature applications with stainless steel bath tanks
for working temperatures from +20 °C to +150 °C

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

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

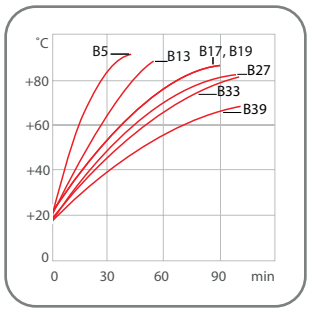
To adapt the CORIO Open Heating Bath Circulator to your individual application we offer a comprehensive range of accessories (racks, bath lids, tubing, adapters, and more).

CORIO™ CD-B5

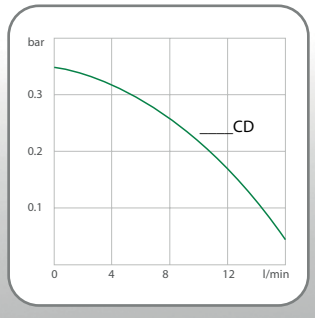
Order No.	**9 012 405**	
Working temperature range °C [1]	+20 … +150	
Temperature stability °C	± 0.03	
Heating capacity kW	2	
Pump capacity Flow rate / Pressure	l/min 15	bar 0.35
Bath opening / Bath depth cm	W × L / D 15 × 15 / 15	
Filling volume liters	3.5 … 5	
Dimensions cm	W × L × H 23 × 38 × 41	

Applications
Temperature control of samples, preparation of samples for serology and clinical chemistry, analysis, material testing, external temperature control applications in combination with measuring instruments, measuring cells, photometers, refractometers, polarimeters, and more.

Heat-up time
Bath fluid: Water



Pump capacity
Bath fluid: Water



[1] with counter cooling / bath cover (accessory).

CORIO™ CD-B13

Order No.	9 012 413	
Working temperature range °C [1]	+20 … +150	
Temperature stability °C	± 0.03	
Heating capacity kW	2	
Pump capacity Flow rate / Pressure	l/min 15	bar 0.35
Bath opening / Bath depth cm	W × L / D 30 × 18 / 15	
Filling volume liters	9 … 13	
Dimensions cm	W × L × H 38 × 40 × 42	

CORIO™ CD-B17

Order No.	9 012 417	
Working temperature range °C [1]	+20 … +150	
Temperature stability °C	± 0.03	
Heating capacity kW	2	
Pump capacity Flow rate / Pressure	l/min 15	bar 0.35
Bath opening / Bath depth cm	W × L / D 30 × 18 / 20	
Filling volume liters	13 … 17	
Dimensions cm	W × L × H 38 × 40 × 47	

CORIO™ CD-B19

Order No.	9 012 419	
Working temperature range °C [1]	+20 … +150	
Temperature stability °C	± 0.03	
Heating capacity kW	2	
Pump capacity Flow rate / Pressure	l/min 15	bar 0.35
Bath opening / Bath depth cm	W × L / D 30 × 35 / 15	
Filling volume liters	14 … 19	
Dimensions cm	W × L × H 38 × 58 × 42	

CORIO™ CD-B27

Order No.	9 012 427	
Working temperature range °C [1]	+20 … +150	
Temperature stability °C	± 0.03	
Heating capacity kW	2	
Pump capacity Flow rate / Pressure	l/min 15	bar 0.35
Bath opening / Bath depth cm	W × L / D 30 × 35 / 20	
Filling volume liters	17 … 27	
Dimensions cm	W × L × H 38 × 58 × 47	

CORIO™ CD-B33

Order No.	9 012 433	
Working temperature range °C [1]	+20 … +150	
Temperature stability °C	± 0.03	
Heating capacity kW	2	
Pump capacity Flow rate / Pressure	l/min 15	bar 0.35
Bath opening / Bath depth cm	W × L / D 66 × 32 / 15	
Filling volume liters	26 … 39	
Dimensions cm	W × L × H 91 × 36 × 43	

CORIO™ CD-B39

Order No.	9 012 439	
Working temperature range °C [1]	+20 … +150	
Temperature stability °C	± 0.03	
Heating capacity kW	2	
Pump capacity Flow rate / Pressure	l/min 15	bar 0.35
Bath opening / Bath depth cm	W × L / D 33 × 30 / 30	
Filling volume liters	35 … 41	
Dimensions cm	W × L × H 54 × 34 × 57	

CORIO CD and CP Heating Circulators

for internal and external temperature applications with stainless steel baths
for working temperatures from +20 °C to +200 °C

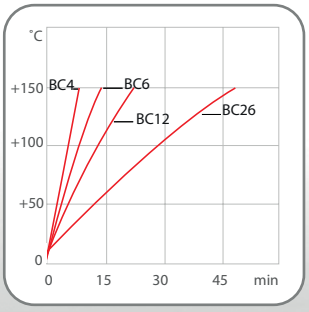
CORIO Heating Circulators feature professional technology for demanding applications. These units facilitate internal temperature control in the bath tank or control of externally connected applications.

- For internal and external applications
- Bright, white, easy-to-read display
- Very quiet
- Easy change-over from internal to external circulation and vice versa
- Strong pump capacity, infinitely adjustable (CP)
- USB connection
- R232 interface (CP)
- High-quality bath tanks made of stainless steel with bath lid and drain tap
- Integrated pump connection M16×1
- Early warning system for low liquid level (CP)
- Integrated cooling coil for counter-cooling

To adapt the CORIO Heating Circulator to your individual application we offer a comprehensive range of accessories (racks, bath lids, tubing, adapters, and more).

Applications
External temperature applications in combination with jacketed reactors, distillation apparatus, mini-plant applications, photometers, refractometers, internal temperature applications of samples and small objects.

Heat-up time
Bath fluid: Thermal



CORIO™ CD-BC4

Order No.	**9 012 504**	
Working temperature range °C [1]	+20 … +150	
Temperature stability °C	± 0.03	
Heating capacity kW	2	
Pump capacity Flow rate / Pressure	l/min	bar
	15	0.35
Bath opening / Bath depth cm	W × L / D 13 × 15 / 15	
Filling volume liters	3 … 4.5	
Dimensions cm	W × L × H 23 × 41 × 42	

CORIO™ CP-BC4

Order No.	**9 013 504**	
Working temperature range °C [1]	+20 … +200	
Temperature stability °C	± 0.02	
Heating capacity kW	2	
Pump capacity Flow rate / Pressure	l/min	bar
	8 … 27	0.1 … 0.7
Bath opening / Bath depth cm	W × L / D 13 × 15 / 15	
Filling volume liters	3 … 4.5	
Dimensions cm	W × L × H 23 × 41 × 42	

[1] For applications near or below ambient temperature: use a cooling coil or JULABO immersion cooler.

CORIO™ CD-BC6

Order No.	9 012 506	
Working temperature range °C [1]	+20 … +150	
Temperature stability °C	± 0.03	
Heating capacity kW	2	
Pump capacity Flow rate / Pressure	l/min 15	bar 0.35
Bath opening / Bath depth cm	W × L / D 13 × 15 / 20	
Filling volume liters	4.5 … 6	
Dimensions cm	W × L × H 24 × 44 × 47	

CORIO™ CD-BC12

Order No.	9 012 512	
Working temperature range °C [1]	+20 … +150	
Temperature stability °C	± 0.03	
Heating capacity kW	2	
Pump capacity Flow rate / Pressure	l/min 15	bar 0.35
Bath opening / Bath depth cm	W × L / D 22 × 15 / 20	
Filling volume liters	8.5 … 12	
Dimensions cm	W × L × H 33 × 49 × 47	

CORIO™ CD-BC26

Order No.	9 012 526	
Working temperature range °C [1]	+20 … +150	
Temperature stability °C	± 0.03	
Heating capacity kW	2	
Pump capacity Flow rate / Pressure	l/min 15	bar 0.35
Bath opening / Bath depth cm	W × L / D 26 × 35 / 20	
Filling volume liters	19 … 26	
Dimensions cm	W × L × H 39 × 62 × 48	

CORIO™ CP-BC6

Order No.	9 013 506	
Working temperature range °C [1]	+20 … +200	
Temperature stability °C	± 0.02	
Heating capacity kW	2	
Pump capacity Flow rate / Pressure	l/min 8 … 27	bar 0.1 … 0.7
Bath opening / Bath depth cm	W × L / D 13 × 15 / 20	
Filling volume liters	4.5 … 6	
Dimensions cm	W × L × H 24 × 44 × 47	

CORIO™ CP-BC12

Order No.	9 013 512	
Working temperature range °C [1]	+20 … +200	
Temperature stability °C	± 0.02	
Heating capacity kW	2	
Pump capacity Flow rate / Pressure	l/min 8 … 27	bar 0.1 … 0.7
Bath opening / Bath depth cm	W × L / D 22 × 15 / 20	
Filling volume liters	8.5 … 12	
Dimensions cm	W × L × H 33 × 49 × 47	

CORIO™ CP-BC26

Order No.	9 013 526	
Working temperature range °C [1]	+20 … +200	
Temperature stability °C	± 0.02	
Heating capacity kW	2	
Pump capacity Flow rate / Pressure	l/min 8 … 27	bar 0.1 … 0.7
Bath opening / Bath depth cm	W × L / D 26 × 35 / 20	
Filling volume liters	19 … 26	
Dimensions cm	W × L × H 39 × 62 × 48	

JULABO Thermal Bath Fluids

JULABO Thermal bath fluids have been carefully chosen following long term testing. They are highly suitable for all of your temperature control applications guaranteeing safe and reliable operation.

Choosing the proper bath fluid is critical for high performance temperature control. The viscosity and heat transfer characteristics of the Thermal fluids are specifically selected for use with JULABO CORIO temperature control instruments.

Thermal G

Order No. 5 liters	**8 940 125**
Order No. 10 liters	**8 940 124**
Working temperature range °C	-30 … +80
Flash point °C	-
Fire point °C	-
Viscosity, (kinematic at +20 °C) mm^2/s	4.13 mPas
Density (at +20 °C) g/cm^3	1.0681 g/cm^3
Pour point °C	-44
Boiling point °C	+109
Ignition temperature °C	+410
Color	light yellow

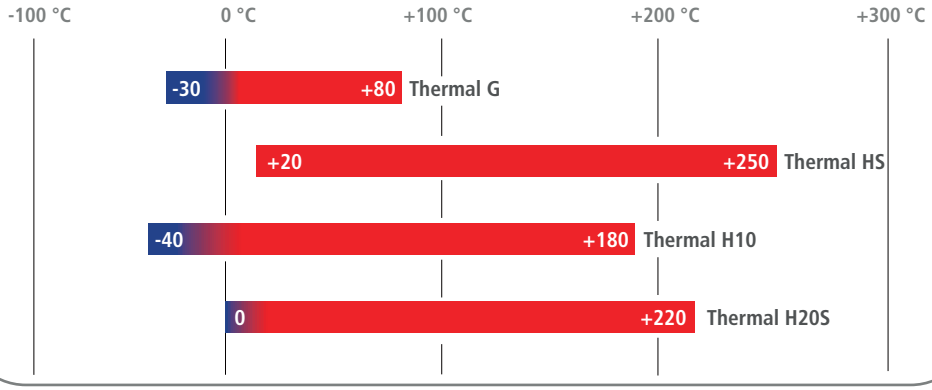
Advantages

- Wide temperature ranges
- Low viscosity
- High stability
- Good heat conductivity
- Minimum odor
- Long fluid life

Makes routine laboratory work easier.

JULABO Thermal bath fluids are delivered in containers with a handy drain tap.

Working temperature ranges



Thermal HS

Order No. 5 liters	**8 940 103**
Order No. 10 liters	**8 940 102**
Working temperature range °C	+50 … +250
Flash point °C	>+250
Fire point °C	+360
Viscosity, (kinematic at +20 °C) mm^2/s	50 mm^2/s
Density (at +20 °C) g/cm^3	0.97 g/cm^3
Pour point °C	<-60
Boiling point °C	-
Ignition temperature °C	>+400
Color	light brown

Thermal H10

Order No. 5 liters	**8 940 115**
Order No. 10 liters	**8 940 114**
Working temperature range °C	-40 … +180
Flash point °C	>+165
Fire point °C	+220
Viscosity, (kinematic at +20 °C) mm^2/s	10
Density (at +20 °C) g/cm^3	0.93
Pour point °C	<-60
Boiling point °C	+288
Ignition temperature °C	+370
Color	clear

Thermal H20S

Order No. 5 liters	**8 940 109**
Order No. 10 liters	**8 940 108**
Working temperature range °C	0 … +220
Flash point °C	>+200
Fire point °C	+264
Viscosity, (kinematic at +20 °C) mm^2/s	20
Density (at +20 °C) g/cm^3	0.95
Pour point °C	-70
Boiling point °C	+424
Ignition temperature °C	+385
Color	light brown

JULABO Thermal bath fluids based on silicone …
… are chemically inert substances which do not affect metals like iron, copper, zinc, aluminum, chrome or nickel. Compared to other fluids, JULABO Thermal fluids have an extraordinarily low electrical conductivity. When properly stored, the fluids will last for 12 months and longer as they are not susceptible to climatic influences.

JULABO Thermal bath fluids based on water-glycol …
… (monoethyleneglycol with anti-corrosion additives) have excellent thermal characteristics and a low viscosity. In addition, they provide anti-freeze protection, i.e. they can be applied at temperatures below the freezing point of water.

More information on JULABO Thermal bath fluids …
… in our brochure ‚Thermal Bath Fluids' at www.julabo.com.

Water bath protective media to prevent the formation of algae and bacteria and descaling agent

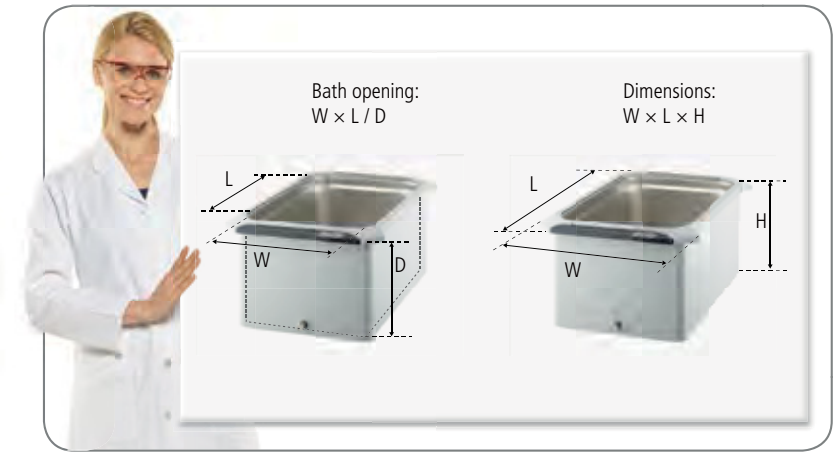
Order No.	Description	Suitable for
8 940 006	Aqua Stabil, 6 bottles 100 ml each	CORIO
8 940 012	Aqua Stabil, 12 bottles 100 ml each	CORIO
9 940 200	Descaling agent 1 Liter	CORIO

Transparent bath tanks up to +100 °C

Order No.	Description	Inner dimensions cm	Outer dimensions cm	Suitable for
9 901 305	Bath tank BT5	15 × 30 / 15	22 × 37 × 16	C, CD
9 901 309	Bath tank BT9	24 × 30 / 15	31 × 37 × 16	C, CD
9 901 319	Bath tank BT19	30 × 50 / 15	37 × 58 × 16	C, CD
9 901 327	Bath tank BT27	30 × 50 / 20	37 × 58 × 21	C, CD

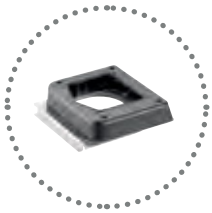
Stainless steel bath tanks up to +150 °C, insulated

Order No.	Description	Inner dimensions cm	Outer dimensions cm	Suitable for
9 903 405	Bath tank B5	15 × 30 / 15	22 × 37 × 20	C, CD
9 903 413	Bath tank B13	30 × 32 / 15	37 × 40 × 20	C, CD
9 903 417	Bath tank B17	30 × 32 / 20	37 × 40 × 25	C, CD
9 903 419	Bath tank B19	30 × 50 / 15	37 × 58 × 20	C, CD
9 903 427	Bath tank B27	30 × 50 / 20	37 × 58 × 25	C, CD
9 903 433	Bath tank B33	83 × 30 / 15	90 × 36 × 20	C, CD
9 903 439	Bath tank B39	30 × 50 / 30	34 × 58 × 35	C, CD



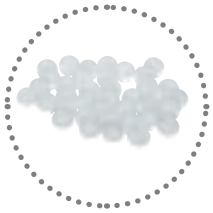
Bath covers

Order No.	Description	Suitable for
9 970 296	Flat bath cover	B5, BT5
9 970 290	Flat bath cover	B13, B17
9 970 291	Flat bath cover	B19, B27, BT19, BT27
9 970 292	Flat bath cover	B33
9 970 293	Flat bath cover	B39
9 970 253	Lift-up gable bath cover made of stainless steel	B13, B17
9 970 254	Lift-up gable bath cover made of stainless steel	B19, B27, BT19, BT27
9 970 257	Lift-up gable bath cover made of stainless steel	B33



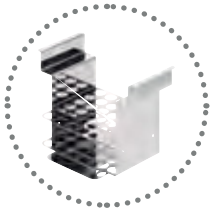
Assembly frames / extendable bridge

Order No.	Description	Suitable for
9 970 229	Stainless steel bridge including assembly frame	C-BT5, C-B5
9 970 228	Stainless steel bridge including assembly frame	C-BT19/27, C-B13/17/19/27
9 970 202	Extendable bridge, extendable from 330 mm to 680 mm with assembly frame	CORIO



Hollow balls to reduce heat loss, evaporation, oxygen input, odors, and action of light

Order No.	Description	Suitable for
8 970 010	Hollow balls, Polypropylene®, 20 mm Ø, 1000 pcs (up to +100 °C, for water only)	CORIO



Test tube racks made out of stainless steel, up to +150 °C

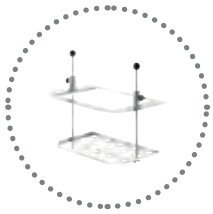
Order No.	Description	Suitable for
9 970 320	Test tube rack for 30 tubes 100 × 17 mm dia.	B5, BT5, BC4, BC6
9 970 321	Test tube rack for 42 tubes 75 × 12/13 mm dia.	B5, BT5, BC4, BC6
9 970 322	Test tube rack for 42 tubes 40 × 10/11 mm dia.	B5, BT5, BC4, BC6
9 970 323	Test tube rack for 10 Falcon tubes 50 ml	B5, BT5, BC4, BC6

Test tube racks made out of high grade plastic, up to +100 °C

Order No.	Description	Suitable for
9 970 300	Test tube rack for 60 tubes 100 × 16/17 mm dia.	B13, B17, B19, B27, B33, BT19, BT27
9 970 301	Test tube rack for 90 tubes 75 × 12/13 mm dia.	B13, B17, B19, B27, B33, BT19, BT27
9 970 303	Test tube rack for 21 tubes 30 mm dia.	B13, B17, B19, B27, B33, BT19, BT27

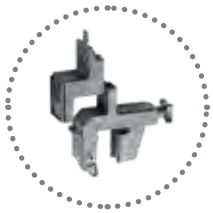
Which types of test tube racks are available for your bath and how many can be inserted?

Order No.	BT5	BT9	BT19	BT27	B5	B13	B17	B19	B27	B33	B39
9 970 320	1	-	-	-	1	-	-	-	-	-	-
9 970 321	1	-	-	-	1	-	-	-	-	-	-
9 970 322	1	-	-	-	1	-	-	-	-	-	-
9 970 323	1	-	-	-	1	-	-	-	-	-	-
9 970 300	-	-	3	3	-	1	1	3	3	6	-
9 970 301	-	-	3	3	-	1	1	3	3	6	-
9 970 303	-	-	3	3	-	1	1	3	3	6	-



Immersion-height adjustable platforms

Order No.	Description	Suitable for
9 970 506	Immersion-height adjustable platform	CD-BC26, CP-BC26
9 970 503	Immersion-height adjustable platform	B13, B17
9 970 502	Immersion-height adjustable platform	B19, B27, BT19, BT27

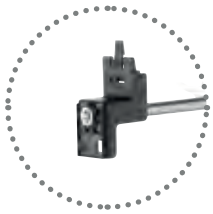


Universal bath attachment clamp

Order No.	Description	Suitable for
9 970 420	Bath attachment clamp for wall thickness up to 30 mm	CORIO

Pump set for external temperature applications

Order No.	Description	Suitable for
9 970 140	Pump set (Pump connectors M16×1)	CD
9 970 141	Pump set (Pump connectors M16×1)	CP



Stand attachment for laboratory stands

Order No.	Description	Suitable for
9 970 022	Stand attachment with rod 200x12 mm dia.	CORIO

Heat exchangers / Cooling installations

Order No.	Description	Suitable for
9 970 240	Bath cover with built-in heat exchanger	BC4, BC6
9 970 242	Bath cover with built-in heat exchanger	BC12
9 970 245	Bath cover with built-in heat exchanger	CD-BT5/B5, C-BT5/B5
9 970 100	Assembly cooling coil for counter-cooling with tap water	CD-BT5/19/27 CD-B5/13/17/19/27/33/39
9 970 101	Installation cooling coil for counter-cooling with tap water	C, C-BT5/9/19/27 C-B5/13/17/19/27, CD, CP

Lockable bath cover

Order No.		Suitable for
9 970 243	Lockable bath cover	CD-BC12, CP-BC12

CR® tubing (-30 °C ... +120 °C)

Order No.	Description	Suitable for
8 930 008	1 m, 8 mm inner dia.	CD, CP
8 930 010	1 m, 10 mm inner dia.	CD, CP
8 930 012	1 m, 12 mm inner dia.	CD, CP

Viton® tubing (-35 °C ... +200 °C)

Order No.	Description	Suitable for
8 930 108	1 m, 8 mm inner dia.	CD, CP
8 930 110	1 m, 10 mm inner dia.	CD, CP
8 930 112	1 m, 12 mm inner dia.	CD, CP

PTFE tubing (-60 °C ... +180 °C)

Bestell-Nr.	Bezeichnung	Einsetzbar für
8 930 140	PTFE tubing 8 mm ID × 10 mm OD per meter	CD, CP
8 930 142	PTFE tubing 12 mm ID × 14 mm OD per meter	CD, CP

Tubing insulation (-50 °C ... +100 °C)

Order No.	Description	Suitable for
8 930 410	1 m, for tubing 8 - 10 mm inner dia.	CR®/Viton® Tubing
8 930 412	1 m, for tubing 12 mm inner dia.	CR®/Viton® Tubing

Tube clamps

Order No.	Description	Suitable for
8 970 480	2 Tube clamps, size 1	CR®/Viton® Tubing 8 mm inner dia.
8 970 481	2 Tube clamps, size 2	CR®/Viton® Tubing 10 - 12 mm inner dia.

Metal tubing flexible, insulated (-50 °C … +200 °C)

Order No.	Description	Suitable for
8 930 220	0.5 m Metal tubing, 2 fi ttings M16×1 female	CD, CP
8 930 221	1 m Metal tubing, 2 fittings M16×1 female	CD, CP
8 930 222	1.5 m Metall tubing, with connector M16×1	CD, CP
8 930 223	3 m Metal tubing with connector M16×1	CD, CP
8 930 224	2 m Metal tubing with connector M16×1	CD, CP

Adapters and connectors

Order No.	Description	Suitable for
8 970 446	2 Barbed fittings for tubing 8 mm inner dia.	CD, CP
8 970 447	2 Barbed fittings for tubing 10 mm inner dia.	CD, CP
8 970 445	2 Barbed fittings for tubing 12 mm inner dia	CD, CP
8 970 443	1 Adapter M16×1 male to M16×1 male	CD, CP
8 970 490	2 Collar nuts M16×1 female	CD, CP
8 970 442	2 Elbow fittings 90°, M16×1 female/male	CD, CP
8 970 448	2 Elbow fittings 90°, M16×1 male/female, side length 1 × 54 mm / 1 × 120 mm	CD, CP
8 890 004	2 Adapters M16×1 female to NPT 1/4" male	CD, CP
8 890 005	2 Adapters M16×1 female to NPT 1/4" female	CD, CP
8 890 006	2 Adapters M16×1 female to NPT 3/8" male	CD, CP
8 890 007	2 Adapters M16×1 female to NPT 3/8" female	CD, CP
8 890 008	2 Adapters M16×1 female to NPT 1/2" male	CD, CP
8 890 009	2 Adapters M16×1 female to NPT 1/2" female	CD, CP
8 890 010	2 Adapters M16×1 male to NPT 1/4" female	CD, CP
8 891 008	1 Adapter M16×1 male to BSP 1/2"female	CD, CP
8 891 009	1 Adapter M16×1 male to BSP 3/4" female	CD, CP
8 890 011	2 Adapters M16×1 female to tube 1/4" male	CD, CP
8 890 012	2 Adapters M16×1 female to tube 3/8" male	CD, CP
8 890 013	2 Adapters M16×1 female to tube 1/2" male	CD, CP
8 890 024	2 Adapters M16×1 female to M16×1 female	CD, CP

Shut-off valves for loop circuit

Order No.	Description	Suitable for
8 970 457	Shut-off valve (-30 °C ... +200 °C), M16×1	CD, CP
8 970 456	Shut-off valve (-10 °C ... +100 °C), M16×1	CD, CP
8 970 850	Shut-off valve (-60 °C ... +200 °C), M16×1	CORIO

Twin distributing adapters with barbed fittings

Order No.	Description	Suitable for
8 970 470	Twin distributing adapter with barbed fittings	Tubing 8 mm inner dia.
8 970 471	Twin distributing adapter with barbed fittings	Tubing 12 mm inner dia.
8 970 472	Twin distributing adapter with barbed fittings	Tubing 10 mm inner dia.
8 970 473	Twin distributing adapter M16×1 female to 2 × M16×1 male	CD, CP

Castor platform

Order No.	Description	Suitable for
8 910 040	Castor platform	CD, CP

Software and hardware for instrument control, data recording and visualization, interfaces

Order No.	Description	Suitable for
8 901 102	EasyTEMP Software (free of charge at www.julabo.com)	CD, CP
8 901 105	EasyTEMP Professional Software, incl. USB-Dongle	CD, CP
9 900 110	USB interface cable 2 m, type A-B	CD, CP
9 900 112	USB 2.0 Repeater extension cable, length = 5 m	CD, CP
9 900 114	USB 2.0 Repeater extension cable, length = 10 m	CD, CP
8 980 073	RS232 interface cable, length 2,5 m. Interface cable RS232 9-pole/9-pole	CP
8 980 074	RS232 interface cable, length 5 m. Interface cable RS232 9-pole/9-pole.	CP

Calibration and Manufacturer's Certificates

Order No.	Description	Suitable for
8 902 901	1-point manufacturer's calibration certificate for circulators	CORIO
8 902 903	3-point manufacturer's calibration certificate for circulators	CORIO
8 902 905	5-point manufacturer's calibration certificate for circulators	CORIO
8 903 015	Manufacturer's Testing Certificate for JULABO Units, Category 1	CORIO

IQ/OQ Documentation

Order No.	Description	Suitable for
2 310 110	IQ/OQ Documentation, Category 1	CORIO

Maintenance

Order No.	Description	Suitable for
2 350 101	Maintenance JULABO Units, Category 1 Maintenance includes preventive measures that help to maintain functionality, to minimize downtime as well as costs. A JULABO maintenance comprises works such as visual inspection, cleaning, functional test and includes a maintenance report.	CORIO