

Охладители рециркуляционные CARL ROTH RC 2 lite, Accel 250, Accel 500, F250, F500, F1000, MC 250, MC 600, MC 1200

Технические характеристики

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Казахстан (772)734-952-31

Киргизия (996)312-96-26-47



Recirculating coolers



Recirculating coolers RC 2 lite

IKA.

Application

Cooling of rotary evaporators, return condensers or as a cooling source for devices which dissipate heat by means of a heat exchanger (e.g. double-walled grinding containers, cooled incubators, laboratory reactors, cooling coils).

- With pressure and suction pump
- Illuminated window to show fill level
- Discharge nozzle for easy drainage
- USB/RS 232 interface
- I (NFL) = non-flammable liquids

Technical specifications:

Art. No.	1LHL.1
Type	RC 2 lite
Operating temperature	-10 to +40 °C
Temperature constancy	±0,5 K
Display resolution	0,1 °C
Heating output	0 W
Cooling capacity	20 °C: 400 W 10 °C: 350 W 0 °C: 250 W -10 °C: 140 W
Max. pump pressure	350 mbar
Max. flow	18 l/min
Max. pump suction	150 mbar
Bath volume	1-3,5 l
Outer width	225 mm
Outer depth	430 mm
Outer height	385 mm
Safety class	I (NFL)
Weight	24,5 kg
Mains connection	230 V, 50/60 Hz

Delivery incl. hose connectors suitable for hoses with internal Ø 8 mm.

Type	Art. No.	Pack Qty.
RC 2 lite	1LHL.1	1 unit(s)

Recirculating coolers Accel series

Thermo.

For external, closed applications with water as a tempering medium, for example for cooling electrophoresis equipment. The integrated stainless steel bath design minimises the volume and evaporation of tempering medium, however it does not allow access to the bath for direct tempering of samples.

Features:

- Digital temperature display
- LCD-Display with multi-lingual text menu control (German, English, French)
- 5 user-defined set temperatures
- Energy savings feature
- Liquid level indicator
- 2.8 litres internal volume of bath
- Pump speed control - allows the user to set the pump speed at either 50 or 100 % for tighter control
- Pump for hoses with 12 mm inner-Ø
- With discharge nozzle on the front for convenient changing of water
- USB-port
- Low-level alarm

Technical specifications:

Art. No.	PE51.1	APT5.1
Type	Accel 250	Accel 500
Operating temperature	-10 to +80 °C	
Temperature constancy	±0,1 K	
Heating output	2000 W	
Cooling capacity	20 °C: 250 W	20 °C: 500 W
Max. pump pressure	300 mbar	
Max. flow	15 l/min	
Outer width	232 mm	
Outer depth	620 mm	
Outer height	487 mm	
Weight	30 kg	

Type	Art. No.	Pack Qty.
Accel 250	PE51.1	1 unit(s)
Accel 500	APT5.1	1 unit(s)

Recirculating coolers



Recirculating chiller F series

Julabo.

Applications: Rotary evaporators, soxhlet apparatuses, distillation plants, gas chromatographs etc. For external, closed applications.

Features:

- LED temperature display, display resolution 0.1 °C
- PID temperature control
- Drain tap for easy emptying
- Fill level indicator

Technical specifications:

Art. No.	AXX4.1	AXX5.1	HHK6.1
Type	F250	F500	F1000
Operating temperature	-10 to +40 °C		
Temperature constancy	±0,5 K		
Display resolution	0,1 °C		
Heating output	0 W		
Cooling capacity	20 °C: 250 W 10 °C: 220 W 5 °C: 210 W 0 °C: 180 W	20 °C: 500 W 10 °C: 400 W 5 °C: 300 W 0 °C: 250 W	20 °C: 1000 W 10 °C: 700 W 5 °C: 550 W 0 °C: 250 W
Max. pump pressure	350 mbar	500 mbar	1,000 mbar
Max. flow	15 l/min	24 l/min	23 l/min
Bath volume	1,7 l–2,6 l	5–7,5 l	7–9,5 l
Outer width	240 mm	375 mm	
Outer depth	400 mm	440 mm	490 mm
Outer height	520 mm	590 mm	640 mm
Weight	27 kg	34 kg	45 kg
Mains connection	230 V, 50 Hz		

Delivery incl. 2 hose olives suitable for hoses with 8 and 10 mm inner-Ø (model F250) or hoses with 8 and 12 inner-Ø (model F500).

Type	Art. No.	Pack Qty.
F250	AXX4.1	1 unit(s)
F500	AXX5.1	1 unit(s)
F1000	HHK6.1	1 unit(s)



Recirculating coolers Microcool

Lauda.

Applications: cooling of rotary evaporators, distillation systems and analytical apparatus, as well as supply of cold traps.

- LED temperature display, display resolution 0.1 °C
- Time-controlled starting and shutdown of the circulation chiller (Auto-Start or Auto-Shut-Down-Timer)
- Illuminated sight glass for checking the thermostating liquid level
- Filler neck on top of apparatus at front
- Removable front grid for cleaning the condenser
- RS 232 interface

Technical specifications:

Art. No.	AEP2.1	AEP3.1	AEP4.1
Type	MC 250	MC 600	MC 1200
Operating temperature	-10 to +40 °C		
Temperature constancy	±0,5 K		
Display resolution	0,1 °C		
Heating output	0 W		
Cooling capacity	20 °C: 250 W 10 °C: 200 W 0 °C: 150 W -10 °C: 90 W	20 °C: 600 W 10 °C: 500 W 0 °C: 360 W -10 °C: 150 W	20 °C: 1200 W 10 °C: 1050 W 0 °C: 750 W -10 °C: 400 W
Max. pump pressure	350 mbar	1,300 mbar	
Max. flow	16 l/min	35 l/min	
Bath volume	2–4 l	4–8 l	7–14 l
Outer width	200 mm	350 mm	450 mm
Outer depth	350 mm	480 mm	550 mm
Outer height	465 mm	595 mm	650 mm
Timer	1 min to 99 h, 59 min		
Weight	26 kg	51 kg	64 kg
Mains connection	230 V, 50 Hz		

Delivery incl. pump connection socket 10 mm (model MC 250). For the models MC 600 and MC 1200, two 10 mm hose fittings with union nut G 3/4" are still required. Please order separately.

Model: MC 250

Pic.	Type	Art. No.	Pack Qty.
(1)	MC 250	AEP2.1	1 unit(s)

Model: MC series plus

With additional features:

- Bypass adjusting wheel for regulating the pump pressure
- Pressure gauge for displaying the pump pressure
- Four rollers with holding brakes

Pic.	Type	Art. No.	Pack Qty.
(2)	MC 600	AEP3.1	1 unit(s)
	MC 1200	AEP4.1	1 unit(s)

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