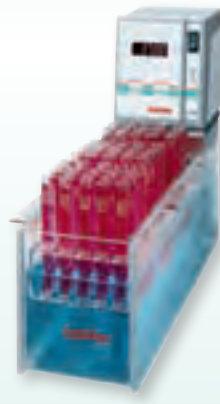




ED-5A



MB-7A



ED-5M

Heating Circulators with Open Bath

for internal and external temperature applications up to 100 °C with transparent bath tanks and pump connections

Heating circulators with open baths are designed for temperature applications in the circulator bath and are equipped with pump connections for external temperature applications. The models on this page feature bath tanks made of transparent Plexiglas® or Makrolon®.

Heating circulators with open bath

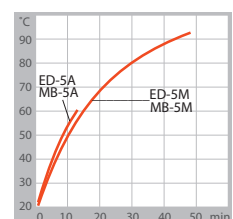
- Additional pump connections for external applications
- Bath tanks made of Plexiglas® or Makrolon®
- Models with a filling volume of 5 and 7 liters

Plexiglas®: to 60 °C (designated ,A')

Makrolon®: to 100 °C (designated ,M')

Heat-up times

Bath fluid: water



JULABO Order No.	JULABO Model	Working temperature range °C ¹⁾	Temp. stability °C	Heat. cap. kW	Pump capacity		Cooling coil	Bath opening/ bath depth W x L / D cm	Bath cover	Filling volume liters	Dimension W x L x H cm
					Flow rate l/min	Pressure bar					
9 116 305	ED-5A	20 ... 60	±0.03	2	15	0.35	Integrated	12 x 24 /15	--	5	14 x 40 x 35
9 116 505	ED-5M	20 ... 100	±0.03	2	15	0.35	Integrated	12 x 24 /15	--	5	14 x 40 x 35
9 142 305	MB-5A	20 ... 60	±0.02	2	10	0.12	Integrated	12 x 24 /15	--	5	14 x 40 x 35
9 142 307	MB-7A	20 ... 60	±0.02	2	10	0.12	Integrated	12 x 34 /15	--	7	14 x 50 x 35
9 142 505	MB-5M	20 ... 100	±0.02	2	10	0.12	Integrated	12 x 24 /15	--	5	14 x 40 x 35

¹⁾ For temperature applications near or below ambient temperature: use a cooling coil or JULABO immersion cooler
Included with each unit: 2 each barbed fittings for tubing 8 and 10 mm inner dia. (pump connections with M10x1 female)



Applications

- Temperature applications for samples
- Preparation of samples for serology and clinical chemistry
- Analytics
- Material testing
- External temperature control in combination with e.g. measuring instruments, measuring cells, photometers, refractometers, polarimeters etc.

Test tubes racks not included in delivery (accessory).

Heating Circulators with Open Bath

for internal and external temperature applications up to 150 °C with stainless steel bath tanks and pump connections

The models on this page are equipped with bath tanks made of high quality stainless steel. Available accessories include test tube racks, immersion-height adjustable platforms and cooling coils as well as lift-up bath covers and flat stainless steel covers.

Heating circulators with open bath

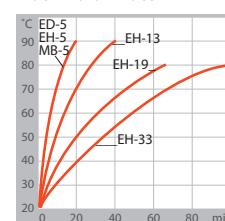
- Bath tanks made of high quality stainless steel
- Working temperature range to 150 °C
- Models with a filling volume of 5 to 39 liters
- Models ED-5, EH-5 und MB-5 include bath cover and cooling coil
- Large bath openings for samples of any kind
- Models with 27, 33 or 39 liters bath tanks include drain

Bath cover available as accessory



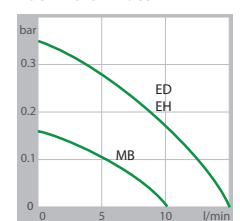
Heat-up times

Bath fluid: water



Pump capacity

Bath fluid: water



JULABO Order No.	JULABO Model	Working temp. range °C ¹⁾	Temp. stab. °C	Heat. cap. kW	Pump capacity Flow rate l/min	Pressure bar	Cooling coil	Bath opening/ bath depth W x L / D cm	Bath cover	Filling vol. liters	Dimension W x L x H cm
9 116 405	ED-5	20 ... 100	±0.03	2	15	0.35	Integrated	15 x 15 / 15	Integrated	4.5	17 x 33 x 36
9 118 405	EH-5	20 ... 150	±0.03	2	15	0.35	Integrated	15 x 15 / 15	Integrated	4.5	17 x 33 x 36
9 118 413	EH-13	20 ... 150	±0.03	2	15	0.35	Option	18 x 30 / 15	Option	13	39 x 33 x 37
9 118 419	EH-19	20 ... 150	±0.03	2	15	0.35	Option	36 x 30 / 15	Option	19	57 x 33 x 37
9 118 427	EH-27	20 ... 150	±0.03	2	15	0.35	Option	36 x 30 / 20	Option	27	57 x 37 x 42
9 118 433	EH-33	20 ... 150	±0.03	2	15	0.35	Option	67 x 30 / 15	Option	33	91 x 33 x 38
9 118 439	EH-39	20 ... 150	±0.03	2	15	0.35	Option	36 x 30 / 30	Option	39	54 x 34 x 52
9 142 405	MB-5	20 ... 100	±0.02	2	10	0.12	Integrated	15 x 15 / 15	Integrated	4.5	17 x 33 x 36

¹⁾ For temperature applications near or below ambient temperature: use a cooling coil or JULABO immersion cooler
Included with each unit: 2 each barbed fittings for tubing 8 and 10 mm inner dia. (pump connections with M10x1 female)