

JULABO Heating Circulators



MC-4



ME-26

with integrated immersion-height adjustable platform

Heating Circulators

for external and internal temperature applications up to 200 °C with stainless steel bath tanks and pump connections

Heating circulators are primarily designed for external temperature control of closed systems. Simultaneous operation in the circulator bath is also possible. JULABO offers models with various bath tank sizes and features.

TopTech Series

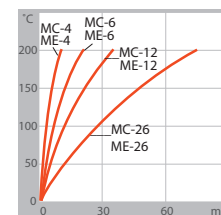
- For external and internal temperature applications simultaneously
- Electronically adjustable pressure pump
- Early warning system for low liquid level and high / low temperature
- RS232 interface
- Integrated cooling coil

ME circulators additional features

- Connection for external Pt100 sensor
- Integrated programmer (1 x 10 steps) with real time clock

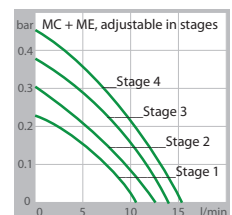
Heat-up times

Bath fluid: Thermal H



Pump capacity

Bath fluid: water



JULABO Order No.	JULABO Model	Working temperature range °C ¹⁾	Temp. stability °C	Heat. cap. kW	Pump capacity Flow rate l/min	Press. bar	Cooling coil	Bath opening/ bath depth W x L / D cm	Filling volume liters	Bath opening/ bath depth W x L / D cm
9 152 504	MC-4	20 ... 200	±0.01	2	11-16	0.23-0.45	Integrated	13 x 15 / 15	4.5	21 x 42 x 38
9 152 506	MC-6	20 ... 200	±0.01	2	11-16	0.23-0.45	Integrated	13 x 15 / 20	6	21 x 43 x 42
9 152 512	MC-12	20 ... 200	±0.01	2	11-16	0.23-0.45	Integrated	22 x 15 / 20	12	30 x 43 x 45
9 152 526	MC-26	20 ... 200	±0.01	2	11-16	0.23-0.45	Integrated	22 x 30 / 20	26	36 x 61 x 45
9 162 504	ME-4	20 ... 200	±0.01	2	11-16	0.23-0.45	Integrated	13 x 15 / 15	4.5	21 x 42 x 38
9 162 506	ME-6	20 ... 200	±0.01	2	11-16	0.23-0.45	Integrated	13 x 15 / 20	6	21 x 43 x 42
9 162 512	ME-12	20 ... 200	±0.01	2	11-16	0.23-0.45	Integrated	22 x 15 / 20	12	30 x 43 x 45
9 162 526	ME-26	20 ... 200	±0.01	2	11-16	0.23-0.45	Integrated	22 x 30 / 20	26	36 x 61 x 45

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)



SL-6



HE-4

Applications

External temperature applications in combination with

- Jacketed reactor vessels
- Autoclaves
- Distillation apparatus
- Mini plant applications
- Photometers
- Refractometers
- Temperature applications to small objects

Heating Circulators

for external and internal temperature applications up to 300 °C with stainless steel bath tanks and pump connections

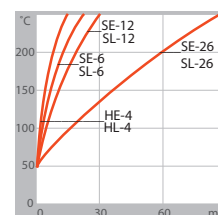
HighTech heating circulators provide superior technology for highest demands. The units feature a powerful pressure and suction pump, electronically adjustable. The intelligent ICC Cascade temperature control automatically adjusts to the application conditions and achieves maximum control accuracy; especially useful with difficult, external applications.

HighTech heating circulators

- External temperature control in closed and open systems
- ICC cascade control for highest precision
- VFD Comfort-Display with simultaneous display of 3 temperatures
- Integrated programmer with real time clock
- Powerful pressure and suction pump, electronically adjustable
- Automatic adjustment of pump capacity to fluid viscosity
- Integrated cooling coil

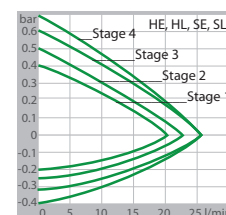
Heat-up times

Bath fluid: Thermal H



Pump capacity

Bath fluid: water



JULABO Order No.	JULABO Model	Working temperature range °C ¹⁾	Temp. stab. °C	Heat. cap. kW	Pump capacity / Flow rate l/min	Press. bar	Suction bar	Bath opening/ bath depth W x L / D cm	Filling volume liters	Bath opening/ bath depth W x L / D cm
9 212 504	HE-4	20 ... 250	±0.01	2	22-26	0.4-0.7	0.2-0.4	13 x 15 / 15	4.5	21 x 42 x 40
9 252 506	SE-6	20 ... 300	±0.01	3	22-26	0.4-0.7	0.2-0.4	13 x 15 / 20	6	21 x 43 x 44
9 252 512	SE-12	20 ... 300	±0.01	3	22-26	0.4-0.7	0.2-0.4	22 x 15 / 20	12	30 x 43 x 47
9 252 526	SE-26	20 ... 300	±0.01	3	22-26	0.4-0.7	0.2-0.4	22 x 30 / 20	26	36 x 61 x 47
9 312 504	HL-4	20 ... 250	±0.01	2	22-26	0.4-0.7	0.2-0.4	13 x 15 / 15	4.5	21 x 42 x 40
9 352 506	SL-6	20 ... 300	±0.01	3	22-26	0.4-0.7	0.2-0.4	13 x 15 / 20	6	21 x 43 x 44
9 352 512	SL-12	20 ... 300	±0.01	3	22-26	0.4-0.7	0.2-0.4	22 x 15 / 20	12	30 x 43 x 47
9 352 526	SL-26	20 ... 300	±0.01	3	22-26	0.4-0.7	0.2-0.4	22 x 30 / 20	26	36 x 61 x 47

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 12 mm inner dia. (pump connections with M16 x1 male)