



MA-4



ME-26
with integrated immersion-height adjustable platform

Heating Circulators – external and internal

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

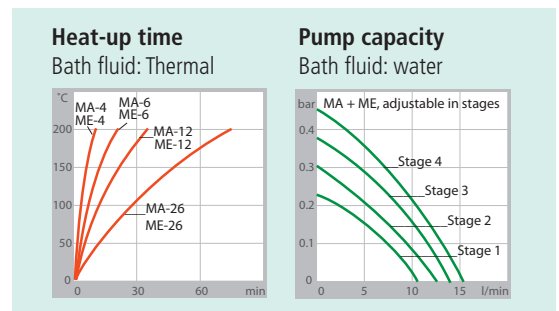
Heating circulators are used primarily for the external temperature control of externally closed systems. Temperature control applications in the internal circulator bath are also possible.

TopTech heating circulators

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

Models with ME circulator also feature

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



JULABO Order No.	JULABO Model	Working temperature range °C ¹⁾	Temp. stability °C	Heat. cap. kW	Pump capacity Flow rate l/min	Pressure bar	Cooling coil	Bath opening/ Bath depth W x L / D cm	Filling volume liters	Dimensions W x L x H cm
9 153 504	MA-4	+20 ... +200	±0.01	2	11-16	0.23-0.45	Integrated	13 x 15 / 15	4.5	21 x 42 x 38
9 153 506	MA-6	+20 ... +200	±0.01	2	11-16	0.23-0.45	Integrated	13 x 15 / 20	6	21 x 43 x 42
9 153 512	MA-12	+20 ... +200	±0.01	2	11-16	0.23-0.45	Integrated	22 x 15 / 20	12	30 x 43 x 45
9 153 526	MA-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 applications near or below ambient temperature: use a cooling coil or JULABO immersion cooler
Included with each unit: 2 barbed fittings for tubing 8 and 10 mm inner dia. (pump connections M10x1 female)



Applications

External temperature application in combination with jacketed reactors, distillation apparatus, mini plant applications, photometers, refractometers and temperature applications to small objects

Heating Circulators – external and internal

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

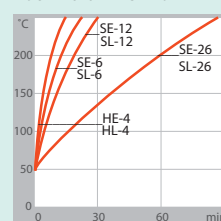
HighTech circulators provide superior technology for the most demanding applications. The instruments feature a powerful, electronically adjustable pressure and suction pump.

HighTech heating circulators

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

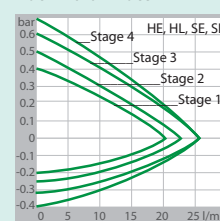
Heat-up time

Bath fluid: Thermal



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	Pressure bar	Suction bar	Bath opening/ bath depth W x L / D cm	Filling volume liters	Dimensions W x L x H 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 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 M16x1 male)