



Economy Series

for working temperatures from -30 °C to 100 °C

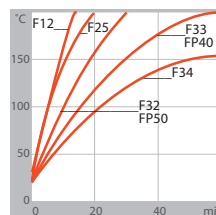
Refrigerated/heating circulators feature an impressive price/performance ratio. They are designed for standard and routine applications with non-flammable bath fluids.

Models with ED circulators

- PID1 temperature control, stability ± 0.03 °C
- Adjustable high temperature cut-off, low liquid level protection
- Temperature control of external systems
- Bath opening for internal applications
- Low noise level
- No side vents, units can be placed right next to other equipment
- Compact design

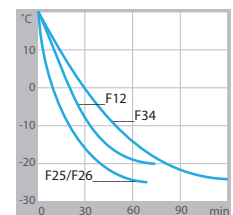
Heat-up times:

Bath fluid: Thermal H



Cool-down times:

Bath fluid: Ethanol



JULABO Order No.	JULABO Model	Working temp. range °C	Temp.-stab. °C	Heat. cap. kW	Cooling capacity kW (bath fluid: Ethanol)			Pump capacity Flow rate/Press. l/min. bar	Bath opening/ Bath depth W x L/D cm	Fill. vol. liters	Dimensions W x L x H cm	
					20	0	-20 °C					
9 116 612	F12-ED	-20 ... 100	± 0.03	2	0.16	0.1	0.02	15	0.35	13 x 15 / 13	4.5	20 x 36 x 56
9 116 625	F25-ED	-28 ... 100	± 0.03	2	0.26	0.2	0.06	15	0.35	12 x 14 / 14	4.5	23 x 42 x 61
9 116 626	F26-ED	-28 ... 100	± 0.03	2	0.26	0.2	0.06	15	0.35	12 x 14 / 14	4.5	42 x 42 x 42
9 116 634	F34-ED	-30 ... 100	± 0.03	2	0.45	0.32	0.14	15	0.35	24 x 30 / 15	20	38 x 58 x 62

Included with each unit: 2 each barbed fittings for tubing 8 and 10 mm inner dia. (pump connections with M10x1 female)



Applications

- Routine laboratory applications such as immersing samples for temperature studies in the circulator bath
- External temperature control applications:
 - Measuring cells
 - Refractometers
 - Polarimeters
 - Photometers
 - Viscometers
 - Fermenters
 - Electrophoresis chambers
 - Chromatography columns
 - Rotary evaporators
 - Rheometer

Economy Series

for working temperatures from -35 °C to 150 °C

Refrigerated/heating circulator EH combinations feature an extended working temperature range and allow the use of flammable bath fluids.

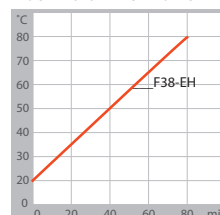
Models with EH circulator

- Extended working temperature range to 150 °C
- Applications with flammable bath fluids
- Classification III according to DIN 12876-1
- Refrigeration unit cut-off in case of disturbance

The F38-EH provides an extra large bath tank with large bath depth and is ideal to immerse large objects into the big bath.

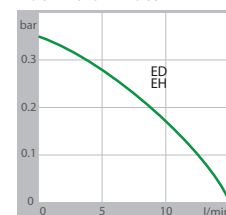
Heat-up time

Bath fluid: Thermal G



Pump capacity

Bath fluid: water



JULABO order No.	JULABO Model	Working temperature range °C	Temp.-stability °C	Heating cap. kW	Cooling capacity kW (bath fluid: Ethanol)			Pump capacity		Bath opening/ Bath depth W x L / D cm	Filling volume liters	Dimensions W x L x H cm
					20	0	-20 °C	Flow rate/Press.	bar			
9 118 612	F12-EH	-20 ... 150	±0.03	2	0.16	0.1	0.02	15	0.35	13 x 15 / 13	4.5	20 x 36 x 56
9 118 625	F25-EH	-28 ... 150	±0.03	2	0.26	0.2	0.06	15	0.35	12 x 14 / 14	4.5	23 x 42 x 61
9 118 632	F32-EH	-35 ... 150	±0.03	2	0.45	0.39	0.15	15	0.35	18 x 12 / 15	8	31 x 42 x 64
9 118 633	F33-EH	-30 ... 150	±0.03	2	0.5	0.32	0.12	15	0.35	23 x 14 / 20	16	36 x 46 x 69
9 118 634	F34-EH	-30 ... 150	±0.03	2	0.45	0.32	0.14	15	0.35	24 x 30 / 15	20	38 x 58 x 62
9 118 638	F38-EH	-35 ... 80	±0.05	2	0.92	0.66	0.32	15	0.35	35 x 41 / 27	45	46 x 70 x 89

Included with each unit: 2 each barbed fittings for tubing 8 and 10 mm inner dia. (pump connections with M10x1 female)