

F500 Recirculating Cooler

for simple cooling tasks

JULABO F models require very little space and have very low procurement costs. Recirculating coolers of the F Series are a great way to replace costly tap water and are ideal for basic cooling tasks.

Your advantages

- Environmentally-friendly operation with low energy consumption
- Compact design
- Splash-proof membrane keypad with LED temperature display
- Straightforward filling and draining
- Filling level indicator
- May be used with water, water/glycol, JULABO Thermal G



Technical Data

Order No.	9620050				
Model series	F Series				
Category	Recirculating Coolers				
Working temperature range (°C)	0 ... +40				
Temperature stability (°C)	±0.5				
Temperature Control	PID temperature control				
Setting / display resolution	0.1 °C				
Temperature Display	LED				
Cooling capacity (Medium Ethanol)	°C	20	10	5	0
	kW	0.5	0.4	0.3	0.25
Pump capacity flow rate (l/min)	24				
Pump capacity flow pressure (bar)	0.5				
Pump connections	M16x1				
Barbed fittings diameter (inner dia. / mm)	8 / 12				
Filling volume liters	5 ... 7.5				
Refrigerant stage 1	R134a				
Filling volume refrigerant stage 1 (g)	160				
Global Warming Potential for R134a	1430				
Carbon dioxide equivalent stage 1 (t)	0.229				
Ambient temperature	5...40 °C				
Dimensions W x L x H (cm)	37.5 x 44 x 59				
Weight (kg)	34				
Sound pressure level (distance 1 m) max. (dBA)	62				
Included with each unit	2 each barbed fittings for tubing 8 and 12 mm inner dia. (pump connections M16x1 male)				

Cooling of compressor	Air
Available voltage versions	230 V / 50 Hz 230 V / 60 Hz 115 V / 60 Hz 100 V / 50-60 Hz

Characteristics

Display



Easy to read

Large LED temperature display
for actual value and setpoint
(resolution 0.1 °C)

Operation



Simple and fast

Convenient 3-key setpoint
adjustment (F models)

Temperature Control



Precise

PID Temperature control with
set control parameters,
temperature stability
 $\pm 0.02 \dots \pm 0.2$ °C