

F250 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.	9620025					
Model series	F Series					
Category	Recirculating Coolers					
Working temperature range (°C)	-10 ... +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	-5
	kW	0.25	0.22	0.21	0.18	0.09
Pump capacity flow rate (l/min)	15					
Pump capacity flow pressure (bar)	0.35					
Pump connections	M10x1					
Barbed fittings diameter (inner dia. / mm)	8 / 10					
Filling volume liters	1.7 ... 2.6					
Refrigerant stage 1	R134a					
Filling volume refrigerant stage 1 (g)	113					
Global Warming Potential for R134a	1430					
Carbon dioxide equivalent stage 1 (t)	0.162					
Ambient temperature	5...40 °C					
Dimensions W x L x H (cm)	24 x 40 x 52					
Weight (kg)	27					

Sound pressure level (distance 1 m) max. (dBA)	59
Included with each unit	2 each barbed fittings for tubing 8 and 10 mm inner dia. (pump connections M10x1 male)
Cooling of compressor	Air
Available voltage versions	230 V / 50 Hz 230 V / 60 Hz 115 V / 60 Hz 200 V / 50-60 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