F1000 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.	9620100
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 1 0.7 0.55 0.35
Pump capacity flow rate (l/min)	23
Pump capacity flow pressure (bar)	1.0
Pump connections	M16x1
Barbed fittings diameter (inner dia. / mm)	8 / 12
Filling volume liters	7 ... 9.5
Refrigerant stage 1	R134a
Filling volume refrigerant stage 1 (g)	295
Global Warming Potential for R134a	1430
Carbon dioxide equivalent stage 1 (t)	0.422
Ambient temperature	5...40 °C
Dimensions W x L x H (cm)	37.5 x 49 x 64
Weight (kg)	45
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

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 ±0.02...±0.2 °C