

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 | R134a | | | | |
| Ambient temperature | 5...40 °C | | | | |
| Dimensions W x L x H (cm) | 37.5 x 44 x 59 | | | | |
| Weight (kg) | 34 | | | | |
| 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

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