



## Product Data Sheet

### FCW2500T Recirculating Cooler

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#### Product Image



#### Description

Water-cooled Recirculating Cooler for environmentally friendly cooling

The JULABO recirculating coolers of the Economy Line and TopLine have a compact design and fit under a lab counter. The bright MULTI-DISPLAY (LED) is visible from across a lab and gives instant information on actual and setpoint temperatures. Self-test after switch-on, reciprocal sensor monitoring, pump motor and compressor overload protection as well as complete shut-down in case of an alarm offer unequalled safety. Additional protection is ensured by high and low temperature warning functions as well as freezing protection and dry-running protection. These features ensure stable working temperatures, constant pressure of the circulating pump and avoid contamination in the cooling loop. Featuring various electrical connections, the TopLine models fulfill the requirements of modern laboratories.

#### Advantages

- o Easy filling system located at the front
- o Activation of pump for filling
- o Bright MULTI-DISPLAY (LED)
- o Upper and lower temperature warning functions with interval tone
- o Integrated freezing protection and dry-running protection
- o Rapid and easy operation via seamless, splash-proof keypad
- o Liquid level indication on the front
- o Self-test, reciprocal sensor monitoring, pump motor and compressor overload protection
- o Complete shut-down with audible signal in case of an alarm
- o Removable venting grid for simplified removal of dust
- o ATC function for simple correction of temperature variations
- o Increased pressure pump capacity
- o Pump pressure gauge 0 to 6 bar
- o Water-cooled (almost no heat generation, low noise level)

#### Order Information

**Model:** FCW2500T

**Order no.:** 9601256

Available mains power:  
230V / 50Hz  
230V / 60Hz

#### Similar Models

These models could also be interesting for you:

**FEW2800T**  
**SC2500a**  
**SC2500w**

#### Sales & Support:

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#### Technical Specifications

Working temperature range	-25 ... 80 °C
Temperature control	PID
Temperature stability	±0.2 °C
Display	LED
Display resolution	0.1 °C
Integrated programmer	not available
Heater capacity	1200 W
Cooling capacity	20 10 5 -10 -20 °C 2500 2000 1800 800 250 W
Refrigerant	R404A
Pump capacity	Pressure: 3500 mbar Flow rate: 28 l/min
Digital interfaces	RS232
External Pt100 sensor connection	available
Filling volume	8 ... 11 Liters
Dimensions (W x L x H)	46 x 61 x 49 cm
Weight	74 kg
Ambient temperature	5 ... 40 °C
Classification according to DIN 12876-1	-

#### Miscellaneous

Included: Barbed fittings for tubing 8 and 12 mm ID