



FC600S



FC1600T

## FC Recirculating Coolers

for heating and cooling tasks

The FC models have high temperature stability and are also equipped with integrated heating.

- Expanded working temperatures up to +80 °C
- Two LED displays
- Adjustable feed/return temperature ratio
- Filling level indicator

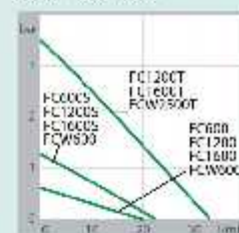
### Models FC1200T, FC1600T, FCW2500T

- Connection for external Pt100 sensor
- Analog connections for external setpoint device and temperature recorder

#### Digital/analog connections Pump capacity

- ① RS232 interface
- ② Standby input
- ③ Alarm output

Bath fluid: Water



FC1200T, FC1600T, FCW2500T also include:

- ④ External Pt100 sensor connection
- ⑤ Connections for external setpoint device, temperature recorder

| JULABO<br>Order No. | JULABO<br>model | Working<br>temp.<br>range °C | Temp.<br>stability<br>°C | Heat<br>cap.<br>kW | Cooling capacity<br>kW |      |      |      |        | Pump capacity<br>Flow rate/pressure<br>l/min bar |     | Pressure<br>display<br>bar | Filling<br>volume<br>liters | Dimensions<br>W x L x H<br>cm |
|---------------------|-----------------|------------------------------|--------------------------|--------------------|------------------------|------|------|------|--------|--------------------------------------------------|-----|----------------------------|-----------------------------|-------------------------------|
|                     |                 |                              |                          |                    | +20                    | +10  | +5   | -10  | -20 °C |                                                  |     |                            |                             |                               |
| 9 600 060           | FC600           | -20 ... +80                  | ±0.2                     | 1.2                | 0.6                    | 0.47 | 0.4  | 0.21 | —      | 20                                               | 0.5 | —                          | 6 ... 8                     | 35 x 54 x 49                  |
| 9 600 063           | FC600S          | -10 ... +80                  | ±0.2                     | 1.2                | 0.5                    | 0.37 | 0.3  | 0.1  | —      | 22                                               | 1.2 | —                          | 6 ... 8                     | 35 x 54 x 49                  |
| 9 600 120           | FC1200          | 20 ... +80                   | ±0.2                     | 1.2                | 1.3                    | 0.95 | 0.75 | 0.37 | —      | 20                                               | 0.5 | 0 ... 2.5                  | 8 ... 11                    | 46 x 61 x 49                  |
| 9 600 123           | FC1200S         | -15 ... +80                  | ±0.2                     | 1.2                | 1.2                    | 0.85 | 0.65 | 0.26 | —      | 22                                               | 1.2 | 0 ... 2.5                  | 8 ... 11                    | 46 x 61 x 49                  |
| 9 600 160           | FC1600          | -20 ... +80                  | ±0.2                     | 1.2                | 1.65                   | 1.25 | 1.0  | 0.47 | —      | 20                                               | 0.5 | 0 ... 2.5                  | 8 ... 11                    | 46 x 61 x 49                  |
| 9 600 163           | FC1600S         | -15 ... +80                  | ±0.2                     | 1.2                | 1.55                   | 1.15 | 0.9  | 0.36 | —      | 22                                               | 1.2 | 0 ... 2.5                  | 8 ... 11                    | 46 x 61 x 49                  |
| 9 600 126           | FC1200T         | 10 ... +80                   | ±0.2                     | 1.2                | 1.1                    | 0.75 | 0.55 | 0.15 | —      | 28                                               | 3.5 | 0 ... 4.0                  | 8 ... 11                    | 46 x 61 x 49                  |
| 9 600 166           | FC1600T         | -15 ... +80                  | ±0.2                     | 1.2                | 1.45                   | 1.05 | 0.8  | 0.25 | —      | 28                                               | 3.5 | 0 ... 4.0                  | 8 ... 11                    | 46 x 61 x 49                  |

water-cooled models

|           |          |             |      |     |     |      |     |      |      |    |     |           |          |              |
|-----------|----------|-------------|------|-----|-----|------|-----|------|------|----|-----|-----------|----------|--------------|
| 9 601 060 | FCW600   | -20 ... +80 | ±0.2 | 1.2 | 0.6 | 0.47 | 0.4 | 0.21 | —    | 20 | 0.5 | —         | 6 ... 8  | 35 x 54 x 49 |
| 9 601 063 | FCW600S  | 10 ... +80  | ±0.2 | 1.2 | 0.5 | 0.37 | 0.3 | 0.1  | —    | 22 | 1.2 | —         | 6 ... 8  | 35 x 54 x 49 |
| 9 601 256 | FCW2500T | -25 ... +80 | ±0.2 | 1.2 | 2.5 | 2.0  | 1.8 | 0.8  | 0.25 | 28 | 3.5 | 0 ... 4.0 | 8 ... 11 | 46 x 61 x 49 |

Included: 2 each barbed fittings for tubing 8 and 12 mm inner dia. (pump connections M16x1 male)