

## FD200 Immersion Cooler

### Flow-through Cooler for counter-cooling

JULABO flow-through coolers are the perfect complement to open bath circulators, immersion circulators and bridge-mounted circulators extending their temperature range to below ambient temperature. They offer a small footprint, have a low energy requirement and represent an economic solution preventing tap water usage for cooling. Instruments are designed for integration into an existing cooling loop (e.g. consisting of open bath circulator with pump).

### Your advantages

- For applications near ambient temperatures
- Integrated freezing protection
- Preventing the use of precious tap water for cooling
- Compact design, small footprint
- Ease of operation
- Low energy requirement



### Technical Data

|  |                                |
|--|--------------------------------|
| Order No.                                  | 9655825                        |
| Model series                               | FD Series                      |
| Category                                   | Immersion Coolers              |
| Working temperature range (°C)             | +10 ... +30                    |
| Cooling capacity (Medium Ethanol)          | °C 20 10<br>kW 0.22 0.18       |
| Barbed fittings diameter (inner dia. / mm) | 8 / 12                         |
| Ambient temperature                        | 5...35 °C                      |
| Dimensions W x L x H (inch)                | 7.1 x 10.6 x 15.4              |
| Weight (LBS)                               | 35                             |
| Cooling of compressor                      | Air                            |
| Power requirement V / Hz / A               | 115/60/4                       |
| Available voltage versions                 | 230 V / 50 Hz<br>115 V / 60 Hz |

**Characteristics****Operation****Time saving**

Comfortable and simple operation for setpoint adjustment

**Temperature Control****Precise**

PID Temperature control with set control parameters, temperature stability  $\pm 0.02 \dots \pm 0.2$  °C