

## 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 kW 0.22 0.18
Barbed fittings diameter (inner dia. / mm)	8 / 12
Refrigerant stage 1	R134a
Filling volume refrigerant stage 1 (g)	85
Global Warming Potential for R134a	1430
Carbon dioxide equivalent stage 1 (t)	0.122
Ambient temperature	5...35 °C
Dimensions W x L x H (cm)	18 x 27 x 39
Weight (kg)	16
Cooling of compressor	Air
Available voltage versions	230 V / 50 Hz 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