

## FT900 FT Immersion Cooler

JULABO Immersion Coolers are primarily used for counter-cooling when connected to a heating circulator, or for rapidly cooling fluids down to low temperatures. Take advantage of the space-saving design.

JULABO Immersion Coolers represent an economical alternative to conventional tap water cooling. The easy-to-use units are suitable for a variety of cooling applications.

### Product features

- Rapid cooling of liquids down to low temperatures
- Counter-cooling of liquids in combination with heating circulators
- Preventing the use of precious tap water for cooling
- Compact design, small footprint
- Ease of operation
- Dry ice substitution



### Performance values

Order No.	9650890.02					
Cooling capacity (Ethanol)						
°C	20	10	0	-20	-40	-80
kW	0.3	0.27	0.27	0.24	0.2	0.07
* Performance specifications measured in accordance with DIN 12876. Cooling capacities up to 20 °C measured with ethanol; over 20 °C with thermal oil unless otherwise specified. Performance specifications apply at an ambient temperature of 20 °C. Performance values may differ with other bath fluids.						
Refrigerant stage 1			Refrigerant stage 2			
Refrigerant	R404A		Refrigerant	R23		
Filling weight g	310		Filling weight g	65		
Global Warming Potential for R404A	3922		Global Warming Potential for R23	14800		
Carbon dioxide equivalent t	1.21582		Carbon dioxide equivalent t	0.962		

### Technical data

Available voltage versions		Cooling	
Order No.	9 650 890	Cooling of compressor	2-stage Air
Available voltage versions:			
9650890.05	230V/50-60Hz (CH Plug Type SEV 1011) (R404A)		
9650890.02	115V/60Hz (Nema N5-15 Plug) (R404A)		

9650890.03	230V/50-60Hz (Schuko Plug - CEE 7/4 Plug Type F) (R404A)
9650890.04	230V/50-60Hz (UK Plug Type BS1363A) (R404A)

**Other**

IP Code	IP 21
---------	-------

**Dimensions and volumes**

Weight lbs	110.2
Dimensions in. (W x L x H)	15 x 21.7 x 23.6

**Immersion cooler**

Dimensions probe tube Length in. (L x Ø)	25.6
Dimensions probe tube Diameter in.	0.6
Immersion probe type	flexible
Dimensions probe tube in. (L x Ø)	25.6 x 0.6

**Temperature values**

Working temperature range °C	-90 ... +30
Ambient temperature °C	+5 ... +35

**All Benefits**



**100% Checked.**  
100% testing. 100% quality. Each JULABO Circulator undergoes thorough quality testing before leaving the factory.



**Green technology.**  
Development consistently applied environmentally friendly materials and technologies.



**JULABO. Quality.**  
Highest standards of quality for a long product life.



**Quick start.**  
Individual JULABO consultation and comprehensive manuals at your disposal.



**Satisfied customers.**  
11 subsidiaries and more than 100 partners worldwide guarantee fast and qualified JULABO support.



**Services 24/7.**  
Around the clock availability. You can find suitable accessories, data sheets, manuals, case studies, and more at [www.julabo.com](http://www.julabo.com).