

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.	9650890.03					
Cooling capacity (Ethanol)						
°C	20	10	0	-20	-40	-80
kW ¹	0.3	0.27	0.27	0.24	0.2	0.07
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		

¹ 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.

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)
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Other

IP Code	IP 21
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Immersion cooler

Dimensions probe tube Length cm (L x Ø)	65
Dimensions probe tube Diameter cm	1.5
Immersion probe type	flexible
Dimensions probe tube cm (L x Ø)	65 x 1.5

Dimensions and volumes

Weight kg	50
Dimensions cm (W x L x H)	38 x 55 x 60

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.