

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.

Your advantages

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



Technical data

Available voltage versions		Cooling	
Order No.	9 650 890	Cooling of compressor	2-stage Air
Available voltage versions:			
9 650 890.05	230V/50-60Hz (CH Plug Type SEV 1011)		
9 650 890.02	115V/60Hz (Nema N5-15 Plug)		
9 650 890.03	230V/50-60Hz (Schuko Plug - CEE 7/4 Plug Type F)		
9 650 890.04	230V/50-60Hz (UK Plug Type BS1363A)		
Other		Immersion cooler	
IP Code	IP 21	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		Temperature values	
Weight kg	50	Working temperature range °C	-90 ... +30
Dimensions cm (W x L x H)	38 x 55 x 60	Ambient temperature °C	5 ... 35

Performance values

230V/50-60Hz (CH Plug Type SEV 1011)

230V/50Hz	230V/60Hz
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Cooling capacity (Ethanol)

°C	20	10	0	-20	-40	-80
kW	0.3	0.27	0.27	0.24	0.2	0.07

Refrigerant R404A

Filling volume g 310

Global Warming Potential for R404A 3922

Carbon dioxide equivalent t 1.216

Refrigerant R23

Filling volume g 65

Global Warming Potential for R23 14800

Carbon dioxide equivalent t 0.962

Cooling capacity (Ethanol)

°C	20	10	0	-20	-40	-80
kW	0.3	0.27	0.27	0.24	0.2	0.07

Refrigerant R404A

Filling volume g 310

Global Warming Potential for R404A 3922

Carbon dioxide equivalent t 1.216

Refrigerant R23

Filling volume g 65

Global Warming Potential for R23 14800

Carbon dioxide equivalent t 0.962

115V/60Hz (Nema N5-15 Plug)

115V/60Hz

Cooling capacity (Ethanol)

°C	20	10	0	-20	-40	-80
kW	0.3	0.27	0.27	0.24	0.2	0.07

Refrigerant R404A

Filling volume g 310

Global Warming Potential for R404A 3922

Carbon dioxide equivalent t 1.216

Refrigerant R23

Filling volume g 65

Global Warming Potential for R23 14800

Carbon dioxide equivalent t 0.962

230V/50-60Hz (Schuko Plug - CEE 7/4 Plug Type F)

230V/50Hz

Cooling capacity (Ethanol)

°C	20	10	0	-20	-40	-80
kW	0.3	0.27	0.27	0.24	0.2	0.07

Refrigerant R404A

Filling volume g 310

Global Warming Potential for R404A 3922

Carbon dioxide equivalent t 1.216

Refrigerant R23

Filling volume g 65

Global Warming Potential for R23 14800

Carbon dioxide equivalent t 0.962

230V/60Hz

Cooling capacity (Ethanol)

°C	20	10	0	-20	-40	-80
kW	0.3	0.27	0.27	0.24	0.2	0.07

Refrigerant R404A

Filling volume g 310

Global Warming Potential for R404A 3922

Carbon dioxide equivalent t 1.216

Refrigerant R23

Filling volume g 65

Global Warming Potential for R23 14800

Carbon dioxide equivalent t 0.962

230V/50-60Hz (UK Plug Type BS1363A)

230V/50Hz

Cooling capacity (Ethanol)

°C	20	10	0	-20	-40	-80
kW	0.3	0.27	0.27	0.24	0.2	0.07

230V/60Hz

Cooling capacity (Ethanol)

°C	20	10	0	-20	-40	-80
kW	0.3	0.27	0.27	0.24	0.2	0.07

Refrigerant	R404A	Refrigerant	R404A
Filling volume g	310	Filling volume g	310
Global Warming Potential for R404A	3922	Global Warming Potential for R404A	3922
Carbon dioxide equivalent t	1.216	Carbon dioxide equivalent t	1.216
Refrigerant	R23	Refrigerant	R23
Filling volume g	65	Filling volume g	65
Global Warming Potential for R23	14800	Global Warming Potential for R23	14800
Carbon dioxide equivalent t	0.962	Carbon dioxide equivalent t	0.962

All Benefits



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



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



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



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



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



Services 24/7.
Around the clock availability. You can find suitable accessories, data sheets, manuals, case studies, and more at www.julabo.com.