

FT902 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.	9 650 892	Cooling of compressor	2-stage Air
Available voltage versions:			
9 650 892.02			
9 650 892.03			
9 650 892.04			
9 650 892.05			
Other		Electronics	
IP Code	IP 21	External pt100 sensor connection	integrated
		Temperature control	PID1
		Temperature display	LED
		Temperature setting	Keypad
Immersion cooler		Dimensions and volumes	
Dimensions probe tube Length cm (L x Ø)	64	Weight kg	50
Dimensions probe tube Diameter cm	1.5	Dimensions cm (W x L x H)	38 x 55 x 60
Immersion probe type	flexible		
Dimensions probe tube cm (L x Ø)	64 x 1.5		
Temperature values			
Working temperature range °C	-90 ... +30		
Temperature stability °C	±1		
Ambient temperature °C	5 ... 35		
Temperature display resolution °C	0.1		

Performance values

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					
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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
Refrigerant	R404A					
Filling volume g	310					
Global Warming Potential for R404A	3922					
Carbon dioxide equivalent t	1.216					
Refrigerant	R23					
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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 (CH Plug Type SEV 1011)

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

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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.