

FT400 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.	9 650 840	Cooling of compressor	1-stage Air
Available voltage versions:			
9 650 840.02	115V/60Hz (Nema N5-15 Plug)		
9 650 840.03	230V/50Hz (Schuko Plug - CEE 7/4 Plug Type F)		
9 650 840.04	230V/50Hz (UK Plug Type BS1363A)		
9 650 840.05	230V/50Hz (CH Plug Type SEV 1011)		
Other		Immersion cooler	
Sound pressure level dbA	61	Immersion probe type	inflexible
IP Code	IP 21	Dimensions immersion probe cylindrical Length cm (L x Ø)	12
		Dimensions immersion probe cylindrical Diameter cm	5
		Dimensions immersion probe cylindrical cm (L x Ø)	12 x 5
Dimensions and volumes		Temperature values	
Weight kg	24	Working temperature range °C	-40 ... +30
Dimensions cm (W x L x H)	20 x 30 x 43	Ambient temperature °C	5 ... 35

Performance values

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

115V/60Hz					
Cooling capacity					
°C	20	10	0	-20	-40
kW	0.45	0.36	0.3	0.14	0.03

Refrigerant	R404A
Filling volume g	184
Global Warming Potential for R404A	3922
Carbon dioxide equivalent t	0.722

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

230V/50Hz

Cooling capacity (Ethanol)

°C	20	10	0	-20	-40
kW	0.45	0.36	0.3	0.14	0.03

Refrigerant	R452A
Filling volume g	210
Global Warming Potential for R452A	2140
Carbon dioxide equivalent t	0.449

230V/50Hz (UK Plug Type BS1363A)

230V/50Hz

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