

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			
9 650 840.03			
9 650 840.04			
9 650 840.05			
Other		Immersion cooler	
Sound pressure level dbA	61	Immersion probe type	inflexible
IP Code	IP 21	Dimensions immersion probe cylindrical Length in. (L x Ø)	4.7
		Dimensions immersion probe cylindrical Diameter in.	2
		Dimensions immersion probe cylindrical in. (L x Ø)	4.7 x 2
Dimensions and volumes		Temperature values	
Weight lbs	52.9	Working temperature range °C	-40 ... +30
Dimensions in. (W x L x H)	7.9 x 11.8 x 16.9	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	R449A
Filling volume g	184
Global Warming Potential for R449A	1397
Carbon dioxide equivalent t	0.257

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

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 (CH Plug Type SEV 1011)

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

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.