

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.

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.	9650840.03				
Cooling capacity (Ethanol)					
°C	20	10	0	-20	-40
kW	0.45	0.36	0.3	0.14	0.03
Refrigerant stage 1					
Refrigerant	R452A				
Filling volume g	210				
Global Warming Potential for R452A	2140				
Carbon dioxide equivalent t	0.449				

Technical data

Available voltage versions	Cooling
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Order No.	9 650 840	Cooling of compressor	1-stage Air
Available voltage versions:			
9650840.02	115V/60Hz (Nema N5-15 Plug) (R449A)		
9650840.03	230V/50Hz (Schuko Plug - CEE 7/4 Plug Type F) (R452A)		
9650840.04	230V/50Hz (UK Plug Type BS1363A) (R452A)		
9650840.05	230V/50Hz (CH Plug Type SEV 1011) (R452A)		
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

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.