

FT200 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.	9650820.03			
Cooling capacity (Ethanol)				
°C	20	10	0	-20
kW ¹	0.25	0.2	0.15	0.04
Refrigerant stage 1				
Refrigerant	R134a			
Filling weight g	110			
Global Warming Potential for R134a	1430			
Carbon dioxide equivalent t	0.1573			

¹ Performance specifications measured in accordance with DIN 12876. Cooling capacities up to 20 °C measured with ethanol; over 20 °C with thermal oil unless otherwise specified. Performance specifications apply at an ambient temperature of 20 °C. Performance values may differ with other bath fluids.

Technical data

Available voltage versions		Cooling	
Order No.	9 650 820	Cooling of compressor	1-stage Air
Available voltage versions:			
9650820.02	115V/60Hz (Nema N5-15 Plug) (R134a)		
9650820.03	230V/50Hz (Schuko Plug - CEE 7/4 Plug Type F) (R134a)		
9650820.05	230V/50Hz (CH Plug Type SEV 1011) (R134a)		

9650820.04 230V/50Hz (UK Plug Type BS1363A)
(R134a)

Other

Sound pressure level dbA 58
IP Code IP 21

Immersion cooler

Immersion probe type inflexible
Dimensions immersion probe cylindrical
Length cm (L x Ø) 9
Dimensions immersion probe cylindrical
Diameter cm 4
Dimensions immersion probe cylindrical cm
(L x Ø) 9 x 4

Dimensions and volumes

Weight kg 18
Dimensions cm (W x L x H) 18 x 27 x 39

Temperature values

Working temperature range °C -20 ... +30
Ambient temperature °C +5 ... +40

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.