

Product data sheet

FT900 Immersion cooler

with immersion probe for rapid cooling of liquids

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 number including voltage version (230V/50Hz) 9650890.03

Cooling capacity 1 (Ethanol)

°C	20	10	0	-20	-40	-80
kW ¹	0.3	0.27	0.27	0.24	0.2	0.07

Refrigerant stage 1

Refrigerant stage 2

Refrigerant R404A

Refrigerant R23

Filling weight g 310

Filling weight g 65

Global Warming Potential for R404A 3922

Global Warming Potential for R23 14800

Carbon dioxide equivalent t 1.21582

Carbon dioxide equivalent t 0.962

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

Order No. 9650890

Available voltage versions:

9650890.05 230V 50/60Hz (CH Plug Type SEV 1011) (R404A)

9650890.02 115V 60Hz (Nema N5-15 Plug) (R404A)

9650890.03 230V 50/60Hz (Schuko Plug - CEE 7/4 Plug Type F) (R404A)

9650890.04 230V 50/60Hz (UK Plug Type BS1363A) (R404A)

Cooling

Cooling of compressor 2-stage Air

Immersion cooler

Dimensions probe tube Length cm (L x Ø) 65

Dimensions probe tube Diameter cm 1.5

Immersion probe type flexible

Dimensions probe tube cm (L x Ø) 65 x 1.5

Dimensions and volumes

Weight kg 50

Total dimensions cm (W x L x H) 38 x 55 x 60

Temperature values

Working temperature range °C -90 ... +30

Ambient temperature °C +5 ... +35

Other

IP Code IP 21

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.

Refer to www.julabo.com for more information regarding the entire JULABO product portfolio. Technical changes without prior notification. Images may deviate from the original. | Datasheet No.EN9650890/260204