

## Product data sheet

# IC50 Immersion cooler

Modern immersion coolers with natural refrigerant for rapid cool-down of fluids

JULABO immersion coolers are mainly used for counter-cooling in conjunction with heating circulators or for rapid cooling of fluids to low temperatures. The modern IC Series works with natural, climate-friendly refrigerants. The IC50 immersion cooler was developed with a focus on high user-friendliness. The removable venting grid, which can be removed without tools, facilitates regular cleaning for maximum performance over the unit's entire life-time. The magnetic probe holder enables flexible and stable attachment of the probe to magnetic surfaces, ensuring hassle-free positioning for various applications.

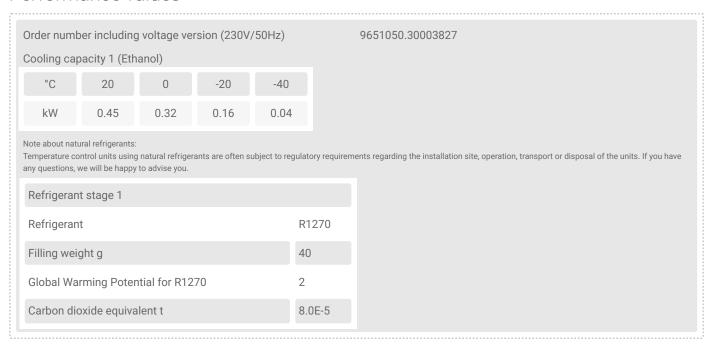


#### **Product Features**

- 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
- Ease of operation
- Dry ice substitution



### Performance values





# Technical data

Available voltage versions	
Order No.	9651050
Available voltage versions:	
9651050.30003826	115V 60Hz (Nema N5-15 Plug) (R1270)
9651050.30003827	200-230V 50/60Hz (Schuko Plug - CEE 7/4 Plug Type F) (R1270)
9651050.30003829	230V 50/60Hz (CH Plug Type SEV 1011) (R1270)
9651050.30003828	230V 50Hz (UK Plug Type BS1363A) (R1270)

Cooling	
Cooling of compressor	1-stage Air

Electronics	
External pt100 sensor connection	not available

Immersion cooler		
Dimensions probe tube Length cm (L x $\emptyset$ )	120	
Immersion probe type	inflexible	
Dimensions immersion probe cylindrical Length cm (L x $\emptyset$ )	10	
Dimensions immersion probe cylindrical Diameter cm	5	
Dimensions probe tube cm (L x Ø)	120	
Dimensions immersion probe cylindrical cm (L x Ø)	10 x 5	

Dimensions and volumes		
Weight kg	21.5	
Total dimensions cm (W × L × H)	23 x 44 x 40	
Body dimensions cm (W × L × H)	23 x 44 x 36	

Temperature values		
Working temperature range °C <sup>1</sup>	-50 <b>+</b> 100	
Ambient temperature °C	+5 +40	
<sup>1</sup> JULABO immersion coolers are especially suitable for cooling applications and therefore cannot be used as heaters. The specification of the working temperature range above the ambient temperature corresponds to the maximum permissible temperature in the application for which the immersion cooler is approved. The lowest temperature of the working temperature range corresponds to the minimum temperature that the probe reaches at its surface.		

Other	
Sound pressure level dbA	55
Classification	Classification I (NFL)
IP Code	IP 21

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