

AWC100 Air-to-Water Recirculating Cooler

JULABO's Air to Water Recirculating Cooler AWC100 is an extremely compact solution, designed to remove small heat loads from external systems such as from Peltier-elements. The highly competitively priced AWC100 features a compact footprint and is designed specifically for applications where cooling water can be above ambient and where temperature control is secondary.

The ventilator speed can be increased by changing the switch for booster cooling on the rear of the unit. Stage 0: normal cooling capacity, virtually noiseless. Stage 1: higher cooling capacity, higher ventilator speed.

Your advantages

- Hassle-free operation
- Connect, switch on and get started
- Small footprint
- Virtually noiseless
- Economical



Technical data

Available voltage versions		Cooling	
Order No.	9 630 100	Cooling of compressor	Air
Available voltage versions:			
9 630 100.99	100-230V/50-60Hz (Multiple Plugs (EU / US / GB / CH - Plug))		
Other		Dimensions and volumes	
Sound pressure level dbA	55	Weight kg	9.7
IP Code	IP 21	Barbed fittings inner diameter	8/10 mm
Pump type	Centrifugal Pump	Dimensions cm (W x L x H)	20 x 34 x 30
		Filling volume l	0.9
		Pump connections	M10x1
Temperature values			
Working temperature range °C	+20 ... +40		
Ambient temperature °C	5 ... 35		

Performance values

100-230V/50-60Hz (Multiple Plugs (EU / US / GB / CH - Plug))

100V/60Hz		230V/50Hz	
Cooling capacity (Ethanol)		Cooling capacity (Ethanol)	
°C	20 15 10 5	°C	20 15 10 5
kW	0.4 0.32 0.22 0.12	kW	0.4 0.32 0.22 0.12
Pump capacity flow rate l/min	3.5	Pump capacity flow rate l/min	3.5
Pump capacity flow pressure bar	0.49	Pump capacity flow pressure bar	0.49
230V/60Hz			

Cooling capacity (Ethanol)

°C	20	15	10	5
kW	0.4	0.32	0.22	0.12

Pump capacity flow rate l/min	3.5
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Pump capacity flow pressure bar	0.49
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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.