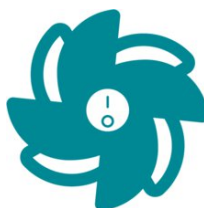


AWC100 Air-to-water recirculating cooler

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.



Product features

- Hassle-free operation
- Connect, switch on and get started
- Small footprint
- Economical
- Very quiet

Performance values

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

Pump capacity flow rate l/min 3.5

Pump capacity flow pressure bar 0.49

Power consumption A 0.3

Order No. 9630100.99

Cooling capacity 1 (Ethanol)

°C	20	15	10	5
kW ¹	0.4	0.32	0.22	0.12

Cooling capacity 2 (Ethanol)

°C	20	15	10	5
kW ¹	0.55	0.44	0.3	0.18

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. 9 630 100

Cooling

Cooling of compressor

Air

Available voltage versions:

9630100.99 100-230V/50-60Hz (Multiple Plugs (EU / US / GB / CH - Plug))

Other	
Sound pressure level dbA	55
IP Code	IP 21
Pump type	Centrifugal Pump

Dimensions and volumes	
Weight kg	9.7
Barbed fittings inner diameter mm	8/10 mm
Dimensions cm (W × L × 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

Included in delivery
 2 barbed fittings suitable for tubing 8 and 10 mm inner dia. (pump connections M10x1 female)

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.