AWC100

Applications

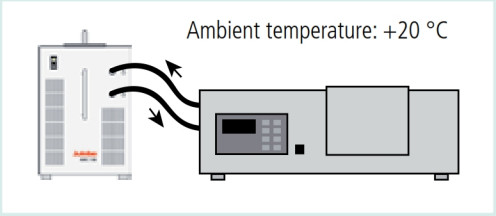
Cooling of Peltier elements, particularly for automated analysis units and CCD cameras, polarimeters, refractometers, electrophoresis chambers, condensers for glass apparatus.

Air-to-Water Recirculating Cooler AWC100

for working near ambient temperature

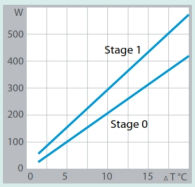
The JULABO AWC100 requires very little space and has a very low procurement cost.

- Plug it in, switch it on, and you're ready to go
- Whisper quiet
- Saves energy (compressor-free design)
- Water loop cooled by fan air
- Uniform pump capacity
- Cooling performance adjustable in two stages
- Filling level indicator



AWC100 is designed to cool water in closed loops. The unit permanently removes heat from water as it flows through the machine.

Example for determining cooling capacity
Ambient temperature: +20 °C
Return temperature: +30 °C
ΔT: +10 °C
Cooling capacity (Stage 1): 300 W



JULABO Order No.	JULABO Model	Working temp. range °C	Temp. stability °C	Cooling capacity[1] W +20	+10	+5 °C		Pump capacity Flow rate/pressure l/min	bar	Filling volume liters	Dimensions W x L x H cm
9 630 100	**AWC100**	+20 ... +40	--	400 550	220 300	120 180	(stage 0) (stage 1)	2.9	0.2	0.9	20 x 34 x 30

[1] Cooling capacity depends on the temperature differential between the return flow and the ambient environment.
Included: 2 each barbed fittings for tubing 8 and 10 mm inner dia. (pump connections M10x1 female)