

RECIRCULATING COOLERS AND CHILLERS

AWC | F | FL

Environmentally-friendly cooling while saving tap water.

JULABO recirculating coolers and chillers are powerful solutions for a wide range of cooling requirements in laboratories and industrial environments. The instruments feature short cool-down times and are highly efficient and therefore offer an economic alternative to tap water cooling. The compact design offers a space saving installation. The instruments are equipped with a bright LED temperature display, which is easy to read even from a distance. W models are water-cooled for quiet operation and low waste heat. Warning and safety functions enable reliable, continuous operation. Filling and emptying is quick and easy via a well accessible filling and/or drain tap.



Product brochure
online at
www.julabo.us

Air-to-water recirculating cooler AWC100

- Particularly small space requirement
- Energy-saving
- Cooling capacity adjustable in two steps

F models: compact recirculating coolers

- Working temperature ranges from -10 °C to +40 °C
- Cooling capacity up to 1 kW
- Environmentally-friendly operation with low energy consumption

FL models: powerful recirculating coolers

- Working temperature ranges from -25 °C to +40 °C
- Cooling capacity up to 20 kW
- Powerful circulating pumps



AC100 for working near
ambient temperature



Drain tap located behind
removable venting grid



Accessories at
www.julabo.us



Recirculating coolers and chillers – technical data

Model	Order No.	Working temperature range °C	Temperature stability °C	Cooling capacity (kW) at bath temperature in °C			Pump capacity		Cooling of refrigerant unit	Filling volume liters	Dimensions W × D × H in
				+20	0	-20	Pressure psi	Flow rate l/min			
Air-to-water recirculating cooler											
AWC100	9 620 100	+20 ... +40		0.55 ¹⁾	-	-	2.9	2.9	Air	0.9	7.9 × 13.4 × 11.8
Compact recirculating coolers, F series											
F250	9 620 025	-10 ... +40	±0.5	0.25	0.18	-	5.1	15	Air	1.7 ... 2.6	9.5 × 16 × 21
F500	9 620 050	0 ... +40	±0.5	0.5	0.25	-	7.25	24	Air	5 ... 7.5	14.8 × 17.3 × 23.2
F1000	9 620 100	0 ... +40	±0.5	1	0.35	-	14.5	23	Air	7 ... 9.5	14.8 × 19.3 × 25.2
Recirculating coolers, FL series											
FL300	9 660 003	-20 ... +40	±0.5	0.3	0.2	0.1	5.1	15	Air	3 ... 4.5	9.8 × 19.7 × 23.6
FL601	9 661 006	-20 ... +40	±0.5	0.6	0.4	0.2	14.5	23	Air	5.5 ... 8	12.6 × 19.7 × 23.6
FL1201	9 661 012	-20 ... +40	±0.5	1.2	0.9	0.3	14.5	23	Air	12 ... 17	19.7 × 29.9 × 25.2
FL1203	9 663 012	-20 ... +40	±0.5	1.2	0.8	0.2	7.3 ... 43.5	40	Air	12 ... 17	19.7 × 29.9 × 25.2
FL1701	9 661 017	-20 ... +40	±0.5	1.7	1.1	0.4	14.5	23	Air	12 ... 17	19.7 × 29.9 × 25.2
FL1703	9 663 017	-20 ... +40	±0.5	1.7	1	0.3	7.3 ... 43.5	40	Air	12 ... 17	19.7 × 29.9 × 25.2
FLW1701	9 671 017	-20 ... +40	±0.5	1.7	1.1	0.4	14.5	23	Water	12 ... 17	19.7 × 29.9 × 25.2
FLW1703	9 673 017	-20 ... +40	±0.5	1.7	1	0.3	7.3 ... 43.5	40	Water	12 ... 17	19.7 × 29.9 × 25.2
FL2503	9 663 025	-20 ... +40	±0.5	2.5	1.5	0.55	7.3 ... 43.5	40	Air	24 ... 30	23.6 × 29.9 × 45.3
FL2506	9 666 025	-15 ... +40	±0.5	2.5	1	-	7.3 ... 87	60	Air	24 ... 30	23.6 × 29.9 × 45.3
FL4003	9 663 040	-20 ... +40	±0.5	4	2.4	0.65	7.3 ... 43.5	40	Air	24 ... 30	23.6 × 29.9 × 45.3
FL4006	9 666 040	-20 ... +40	±0.5	4	1.9	0.05	7.3 ... 87	60	Air	24 ... 30	23.6 × 29.9 × 45.3
FLW2503	9 673 025	-20 ... +40	±0.5	2.7	1.7	0.4	7.3 ... 43.5	40	Water	24 ... 30	23.6 × 29.9 × 45.3
FLW2506	9 676 025	-15 ... +40	±0.5	2.5	1	-	7.3 ... 87	60	Water	24 ... 30	23.6 × 29.9 × 45.3
FLW4003	9 673 040	-20 ... +40	±0.5	4.3	2.2	0.45	7.3 ... 43.5	40	Water	24 ... 30	23.6 × 29.9 × 45.3
FLW4006	9 676 040	-15 ... +40	±0.5	4	1.7	-	7.3 ... 87	60	Water	24 ... 30	23.6 × 29.9 × 45.3
FL7006	9 666 070	-20 ... +40	±0.5	7	5.1	1.55	7.3 ... 87	60	Air	39 ... 47	30.7 × 33.5 × 58.3
FL11006	9 666 110	-20 ... +40	±0.5	11	7.5	3	7.3 ... 87	60	Air	39 ... 47	30.7 × 33.5 × 58.3
FL20006	9 666 200	-25 ... +40	±0.5	20	10	2.5	11.6 ... 87	80	Air	15 ... 37	37.4 × 45.3 × 63.4
FLW7006	9 676 070	-20 ... +40	±0.5	7.4	7	1.3	7.3 ... 87	60	Water	39 ... 47	30.7 × 33.5 × 58.3
FLW11006	9 676 110	-20 ... +40	±0.5	11.5	7.3	2.7	7.3 ... 87	60	Water	39 ... 47	30.7 × 33.5 × 58.3
FLW20006	9 676 200	-25 ... +40	±0.5	20	12	3	11.6 ... 87	80	Water	15 ... 37	37.4 × 45.3 × 63.4

¹⁾ Cooling capacity depends on the temperature differential between the return flow and ambient environment.