

COOL-AIR

Economical for small cooling demands

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Cooling using air is the most economical method of cooling.

Because of physical limitations, the cool water temperature cannot be brought any lower than the ambient temperature, because this kind of chiller cools with help of a fan and heat exchanger directly against air.

These 500 watt (at 35°C) chiller are particularly but not exclusively suited to water distillation units or certain AAS. The optional cooling capacities available with this kind of chiller can be up to 100 kW.

The airflow is from left to right.

This type of unit is also available in a 3000 watts Version and with increased temperature stability.

The illustration opposite shows the model COOL-AIR on the back with option tank emptying.

Application examples

- Distillation devices
- AAS

- Electronics cooling
- Small equipment cooling

Features and advantages

- 100% water savings in tap water
- No sewage costs for waste water
- Cooling water temperature, pressure and flow can be regulated
- Constant water quality, no limescale, no algae
- Very small footprint, minimum space requirement on every laboratory table
- Compact 5 litre tank
- Very quiet
- Optional increased stability temperature (0.2 K/°C)

Technical data

Technical data	COOL-AIR	COOL-AIR-30
Model and part no.	COOL-AIR 6-100000	COOL-AIR-30 6-100004
Temperature range (settable)	10-40° C	16-45° C
Cooling power	500 watt @ 35° C OT and 25° C AT	3000 watt @ 45° C OT and 25° C AT
Pump capacity max.	10 l/min.	10 l/min.
Feed pressure max.	3.5 bar	3.5 bar
Connections	Quick lock with 9 mm hose sleeves	Quick lock with 9 mm hose sleeves
Dimensions W x D x H	280 x 480 x 560 mm	430 x 470 x 695 mm
Current	230 V/50 Hz/1 PH	230 V/50 Hz/1 PH
Power consumption	160 Watt max.	230 Watt max.
Weight	19 kg	32 kg



Product request

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