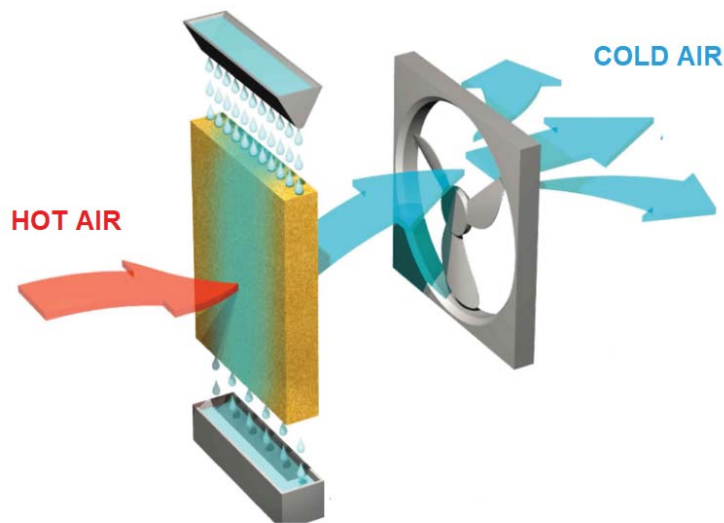




EVAPORATIVE AIR COOLER

EVC

Portable evaporative coolers are devices that can cool the air using evaporation of water. The water is slid through a panel and the hot air passing through the water gives up its heat and cools down. Thanks to the remote control it is possible to regulate its operation, and its robust design allows for both industrial and professional use. Our devices are equipped with a UV lamp that will sanitise the water.



Main feactures

- High cooling capacity
- EVC's range of portable evaporative coolers are highly efficient, powerful and easy to use
- Installation takes only minutes and the units are ready to use immediately
- UV lamp- and corrosion-resistant chassis for durability and sustainability
- Three ventilation speeds
- Very quiet thanks to the latest generation of electronic fans
- Very low energy consumption
- Plug and play
- On-board LCD control panel and remote control
- Large water tank and hose connection for automatic filling
- Integrated UV lamp for water sterilisation that prevents the formation of mould and algae
- Automatic water shortage shutdown to protect the lifting pump
- Easy to move thanks to 4 sturdy wheels
- Automatic restart after power failure
- Washable air filter

TECHNICAL SPECIFICATIONS

	EVC12	EVC45	EVC 8000	EVC 12000	EVC24000
Air flow (m3/h)	1.200	4.500	8.000	12.000	22.000
Max surface area (m ²)	30	120	180	250	350
UV lamp	no	no	no	yes	yes
Maximum power consumption (W)	20	118	300	475	775
Max. Current Consumption (A)	0,4	0,5	1,3	2	3,3
Available fan speed	3	3	3	3	3
Water tank capacity (l)	18	45	90	90	140
Direct water connection	yes	yes	yes	yes	yes
Control water level	yes	yes	yes	yes	yes
Sound pressure level dB(A)	<54	<65	<54	<69	<78
Width (mm)	385	680	842	925	1120
Height (mm)	750	1050	1448	1440	1720
Depth (mm)	315	420	532	580	690
Weight (Kg)	13	15,5	33	40	80
Available voltage	230V / 1Ph / 50Hz				



THEORETICAL AIR OUTLET TEMPERATURE

		RELATIVE HUMIDITY									
		5%	10%	20%	30%	40%	50%	60%	70%	80%	90%
INLET AIR TEMPERATURE	10°C	3,5°C	4°C	4,5°C	5,5°C	6°C	7°C	7,5°C	8°C	9°C	9,5°C
	15°C	6,5°C	7,5°C	8,5°C	9,5°C	10,5°C	11°C	12°C	13°C	13,5°C	14,5°C
	20°C	10°C	11°C	12°C	13°C	14,5°C	15,5°C	16,5°C	17,5°C	18,5°C	19°C
	25°C	13,5°C	14,5°C	16°C	17°C	18,5°C	20°C	21°C	22°C	23°C	24°C
	30°C	16,5°C	17,5°C	19,5°C	21°C	22,5°C	24°C	25°C	26,5°C	28°C	29°C
	35°C	20°C	20°C	23°C	25°C	26,5°C	28,5°C	30°C	31,5°C	32,5°C	34°C
	40°C	22°C	23°C	26,5°C	29°C	31°C	32,5°C	34,5°C			
	45°C	25°C	26°C	29°C	32,5°C	35°C					
	50°C	28°C	29°C	32,5°C	36,5°C						

*Example: Temp. Ambient: 30°C
 Relative humidity: 50%
 Cooler outlet temperature: 24°C



APPLICATIONS

SWIMMING POOLS

ARCHIVES

GYMS

STORAGE

IRONING ROOMS

LAUNDRY

RENTAL

HOTELS

INDUSTRY