

INDUSTRIAL EVAPORATIVE COOLERS

OUBER[®]



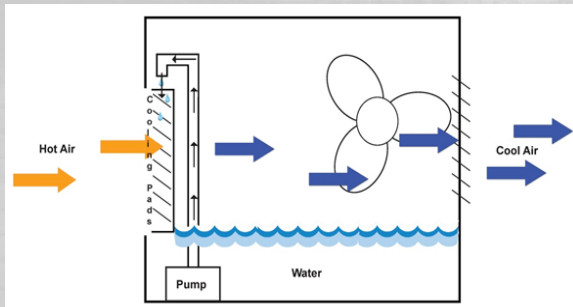
FANMASTER
COOLING HEATING VENTILATION EXTRACTION

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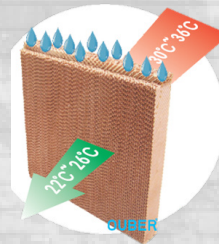
What is Evaporative Cooling?

Evaporative coolers cool air by pulling fresh air from outside, filtering it through wet pads where the air is cooled by the evaporation of water. Evaporative cooling is essentially the addition of water vapor into air.

Evaporative cooling is a common form of cooling buildings for thermal comfort since it is relatively inexpensive to run as it requires a smaller amount of energy than other methods of cooling. They can save up to 75% on cooling prices because the only mechanical component that uses electricity is the fan and water pump.



Our Ouber Evaporative coolers have cooling pads on the sides and/or back of the units to prevent dust from entering



Temperature Drop Chart

		Outdoor Humidity								
		10%	20%	30%	40%	50%	60%	70%	80%	90%
Outdoor Temperature	Outlet Temperature									
	25°C	12.0	13.0	14.5	15.7	17.5	19.1	21.5	22.3	23.7
	27°C	13.5	14.5	16.5	17.4	20.0	21.2	23.0	24.6	27.0
	30°C	15.5	16.5	19.0	20.4	22.5	23.9	26.0	27.6	30.0
	32°C	17.0	18.0	21.0	22.6	25.0	26.6	29.0	30.4	32.0
	35°C	19.0	20.0	23.0	24.8	27.5	29.1	31.5	33.1	
	37°C	20.5	22.7	25.0	26.8	29.5	31.1	33.5		
	40°C	22.0	23.8	26.5	28.3	31.0	33.0			
42°C	23.0	25.0	28.0	29.8	32.5					
45°C	24.0	25.9	28.9	30.8						

Used effectively in the following applications:

- Factories, workshops, plant and warehouses
- Restaurants, cafes and pubs
- Offices and showrooms
- Events (tents/marquees)
- Agricultural

FEATURES

- Self contained water tank
- From the office to the worksite
- Dual Purpose
- Full function remote control
- Portable on wheels
- Swing louvre setting

BENEFITS

- Better air supplied
- No specific training required
- Cost savings
- Product longevity
- Reduced workflow interruption

ADVANTAGES

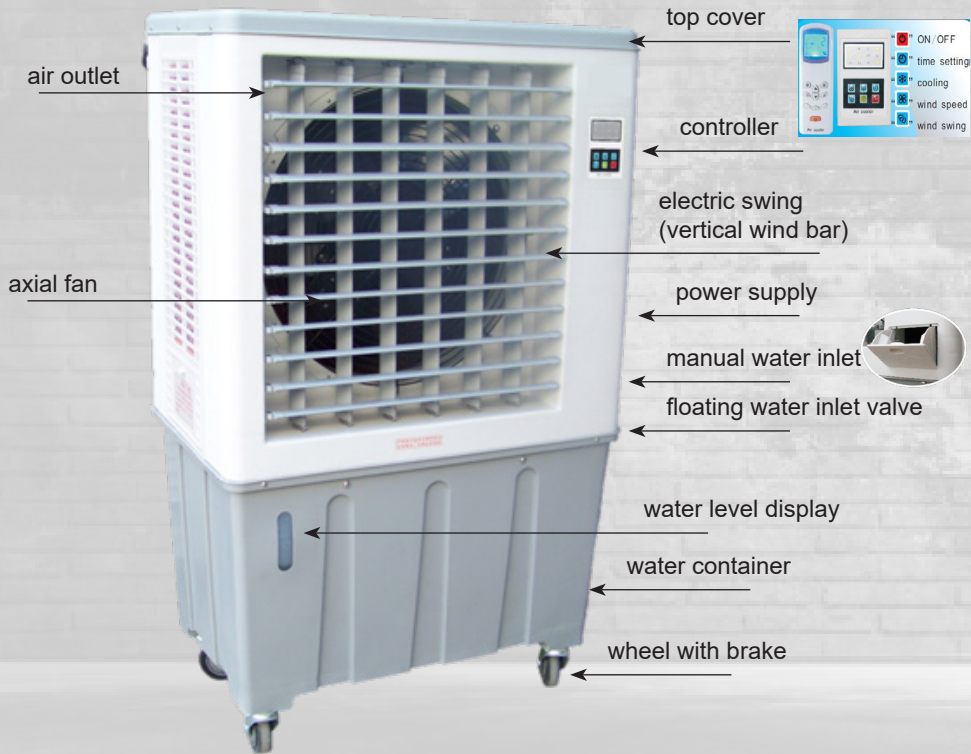
- Convenient
- Ability to cover a wider area
- Dual Purpose
- Able to monitor water levels
- Easy to move and relocate
- Ease of cleaning and maintenance



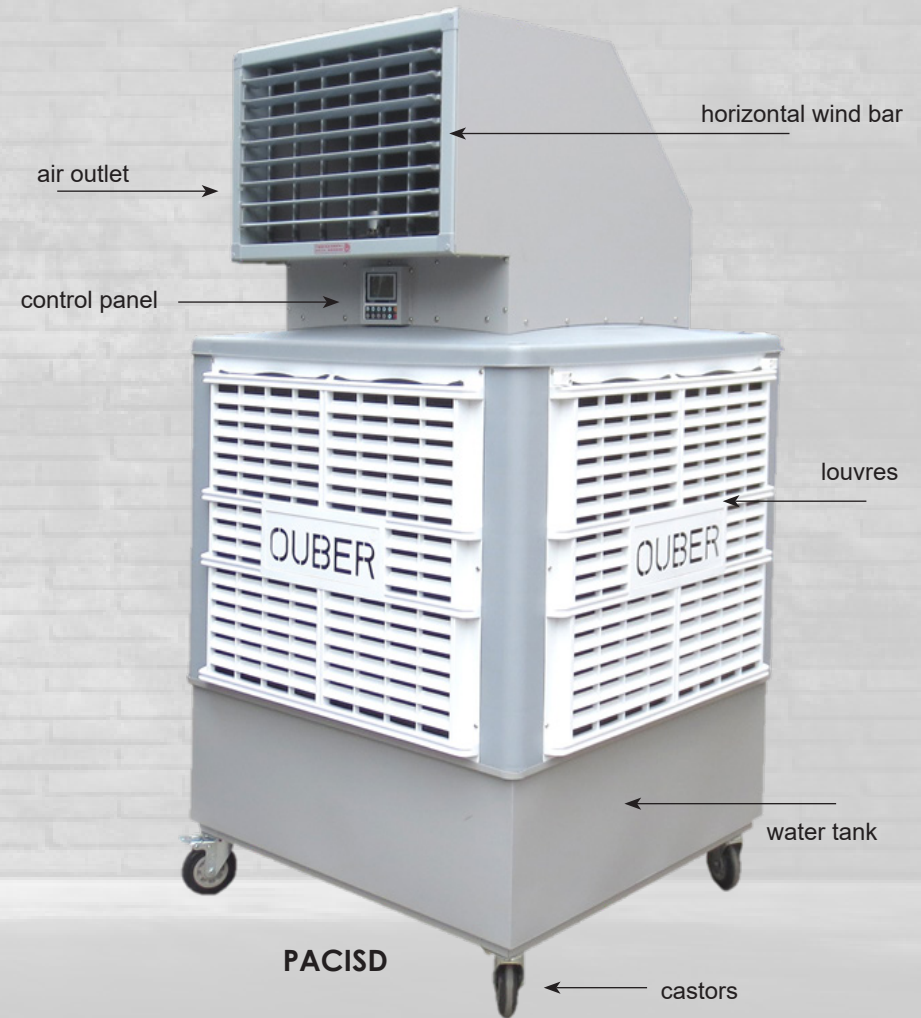
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Our range of air coolers can assist in cooling and ventilating various of spaces quickly and efficiently.



PAC280-A



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PAC125-ADC

PAC280-A

PACIMD

PACISD

SPECIFICATIONS

Model No.	PAC125-ADC	PAC280-A	PACIMD	PACISD
Install Type	Portable	Portable	Portable	Portable
Fan Type	Axial	Axial	Axial	Axial
Power	0.125kW	0.28kW	1.1kW	1.1kW
Voltage	220~240V/50hZ	220~240V/50hZ	220~240V/50hZ	220~240V/50hZ
Connection	2 Pin 10A Plug*	10A Plug	10A Plug	10A Plug
Current (A)	0.78	1.30	5.00	5.00
Speed RPM	1350	850	1400	1400
Insulation Class	F	F	F	F
IP Rating	IP64	IP64	IP44	IP44
Airflow L/s	1111	2111	5000	5000
dBa	<61	<65	<70	<70
Material of Blades	Nylon	ABS	Nylon & Fibreglass	Nylon & Fibreglass
Material of Body	PP	PP	PP	PP
Water Tank (L)	40	120	300	300
Water Consumption (L/H)	3-8	10	15	15
Dimensions (mm) LxDxH	580x375x1050	840x480x1390	1070x1070x1650	1070x1070x2000
Air Supply Distance (m)	8	10	8	15
Cooling area (m ²)	up to 30	up to 50	up to 150	up to 150
Weight (kg)	16.5	38	97	98

*Double Insulated



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