



ECOAIR EVAPORATIVE AIR COOLERS

Superior Cooling, Quality, Reliability & Durability



ecodair

Cooling Systems Solutions

Energy Efficient, Environmentally Friendly & Cost Effective Cooling Systems!

About us

Ecoair is a leading manufacturer and supplier of Cooling & Ventilation Systems for Industrial, Commercial, Food & Agro Industries with a range of innovative products like Evaporative Air Cooling, 24 Feet Dia HVLS Fans, Air distribution products etc.

Ecoair Evaporative Air Cooling systems are completely environmentally friendly and provide Cool, Fresh & Filtered air at extremely low running costs.

Ecoair also manufacturers and supplies HVLS Fans & Exhaust Systems.

Our Products



Evaporative Air Cooler



Exhaust Fans



Compact Air Cooler



Air Circulator Fans



HVLS Fans

Key Strengths and Advantages of Ecoair Cooling Systems

- ▲ Comfort cooling up to 20°C with high airflow
- ▲ Fresh, Filtered, Cool & Oxygen Rich Air
- ▲ Energy saving up to 80%
- ▲ Environmental Friendly
- ▲ Low Capex
- ▲ Dust protection Mesh
- ▲ Innovative Design & Engineering
- ▲ Humidity controller / Temperature controller /
- ▲ Auto Draining & Cleaning / Remote Controller with multi speeds
- ▲ Open Space Cooling
- ▲ Factory Built Modular Construction for Long Life
- ▲ Ecoair Coolers use original Munters CelDek pads for best cooling Efficiency and Long Life
- ▲ Ecoair Coolers are fitted with HW – Made in Italy, 5 Blade, Sickle Design Fans for max Air Flow at lowest sound levels.
- ▲ Ecoair 3 phase machines have 2 Speed Control.
- ▲ Control Panel provides Protection from Over Load, Single Phasing, Voltage Fluctuations etc.
- ▲ Factory Built Modular Construction made with Automotive Grade
- ▲ UV Protected Poly Propylene Body.

Ecoair Cooling System Concept



Evaporative Air Cooling Concept



Ventilation and Cooling Principle Schematic

		HUMIDITY %														
		20 %	25 %	30 %	35 %	40 %	45 %	50 %	55 %	60 %	65 %	70 %	75 %	80 %		
INLET AIR TEMPERATURE	31.0° C	18.3° C	18.9° C	20.0° C	21.1° C	21.7° C	22.8° C	23.3° C	24.4° C	25.0° C	26.1° C	26.7° C	27.2° C	27.8° C	OUTLET AIR TEMPERATURE	
	32.0° C	19.4° C	20.6° C	21.1° C	22.2° C	23.3° C	23.9° C	25.0° C	25.6° C	26.7° C	27.2° C	28.3° C	28.9° C	29.4° C		
	34.0° C	20.6° C	21.1° C	22.8° C	23.3° C	24.4° C	25.6° C	26.7° C	27.2° C	28.3° C	28.9° C	29.4° C	30.6° C	31.1° C		
	36.0° C	22.2° C	23.3° C	24.4° C	25.6° C	26.7° C	27.8° C	28.9° C	30.0° C	30.6° C	31.7° C	32.2° C	33.3° C	33.9° C		
	37.0° C	22.8° C	23.9° C	25.0° C	26.1° C	27.2° C	28.3° C	29.4° C	30.0° C	31.1° C	31.7° C	32.8° C	33.3° C	34.4° C		
	39.0° C	23.9° C	25.0° C	26.1° C	27.2° C	28.3° C	29.4° C	30.6° C	31.7° C	32.8° C	33.3° C	34.4° C	35.0° C	36.1° C		
	41.0° C	25.0° C	26.1° C	27.8° C	28.9° C	30.0° C	31.1° C	32.2° C	33.3° C	33.9° C	35.0° C	36.1° C	36.7° C	37.8° C		
	42.0° C	26.1° C	27.2° C	28.9° C	30.0° C	31.1° C	32.2° C	33.3° C	34.4° C	35.6° C	36.7° C	37.8° C	38.3° C	38.9° C		
	44.0° C	27.2° C	28.9° C	30.0° C	31.7° C	32.8° C	33.9° C	34.1° C	35.0° C	36.1° C	37.8° C	38.9° C	39.4° C	40.6° C		
	45.0° C	28.3° C	30.0° C	31.1° C	32.8° C	33.9° C	35.0° C	36.7° C	37.8° C	38.3° C	39.4° C	40.0° C	41.1° C	42.2° C		
■ TYPICAL CASE: CENTRAL PLAINS & DRY CONDITIONS ■ TYPICAL CASE : COASTAL AREA & HUMID CONDITIONS																

EAC-18 TOP/BOTTOM/SIDE DISCHARGE - SINGLE PHASE/THREE PHASE

Low Cost Cooling & Dust Free environment for Factories & Shop floors



Voltage	: SINGLE PHASE / THREE PHASE, 240 / 415V 50 Hz
Power Consumption	: 1000W
Noise	: < 70 dB
Airflow Rate	: 18000 m ³ /h
Static Pressure	: 30 mm
Water Consumption	: 15 - 20 L/h
Water Tank Capacity	: 30 L
Net Weight	: 80 kg
Gross Weight	: 100 kg
Physical Size	: 127 x 127 x 119 cm

EAC-22 TOP / BOTTOM / SIDE DISCHARGE - THREE PHASE

Perfect Air Cooling Systems for Commercial Application



Voltage	: THREE PHASE, 415 / 50 Hz
Power Consumption	: 2000W
Noise	: < 70 dB
Airflow Rate	: 22500 m ³ /h
Static Pressure	: 30 mm
Water Consumption	: 20 - 25 L/h
Water Tank Capacity	: 30 L
Net Weight	: 90 kg
Gross Weight	: 120 kg
Physical Size	: 127 x 127 x 119 cm

EAC-27 TOP/BOTTOM/SIDE DISCHARGE - THREE PHASE

Premium Cooling System with Low Sound Levels



Voltage	: THREE PHASE, 415 / 50 Hz
Power Consumption	: 3000W
Noise	: < 70 dB
Airflow Rate	: 27000 m ³ /h
Static Pressure	: 30 mm
Water Consumption	: 25 - 30 L/h
Water Tank Capacity	: 30 L
Net Weight	: 100 kg
Gross Weight	: 140 kg
Physical Size	: 127 x 127 x 119 cm

EAC-30 TOP/ BOTTOM/ SIDE DISCHARGE - THREE PHASE

High Static & High Air flow Machines for Industries



Voltage	: THREE PHASE, 415 / 50 Hz
Power Consumption	: 3000W
Noise	: < 70 dB
Airflow Rate	: 30000 m ³ /h
Static Pressure	: 35 mm
Water Consumption	: 25 - 35 L/h
Water Tank Capacity	: 30 L
Net Weight	: 125 kg
Gross Weight	: 155 kg
Physical Size	: 125 x 125 x 142 cm

KT 35 B/ KT 45 B/ KT 60 B (CENTRIFUGAL) SIDE DISCHARGE - THREE PHASE

S. S. Construction for Long Life & High Static



Voltage	: THREE PHASE, 415 / 50 Hz
Power Consumption	: 11000W / 13000 W / 16000 W
Noise	: < 70 dB
Airflow Rate	: 30000 / 45000 / 60000 m ³ /h
Static Pressure	: 55 mm
Water Consumption	: 80 / 100 / 100 L
Net Weight	: 450 / 585 / 650 kg
Physical Size	: 180 x 180 x 140 cm 224 x 210 x 185 cm 220 x 210 x 180 cm

Product Applications



Automobile OEM & TIER-1, Workshops



Food & Beverage Industry



Textile Industries & Garment Factories



Restaurants & Kitchens



Warehousing & Logistic Centre



Institutes, Auditoriums & Cinema Halls

Installation Sites



Our Clients

