



MEGASTAR
COOLERS PVT. LTD.



TOP DISCHARGE DUCTED INDIRECT INDUSTRIAL AIR COOLER

Nature’s most efficient means of cooling is through the evaporation of water. Evaporative cooling works on the principle of heat absorption by moisture evaporation. It also happens on human skin, the body sweat and to cool temperature down. This process is same as you feel cooler when wind blowing from sea.



Megastar cooler produces effective cooling by combining a natural process -- water evaporation -- with a simple, reliable air-moving system. Fresh outside air is filtered through the saturated evaporative media, cooled by evaporation, and circulated by a blower.

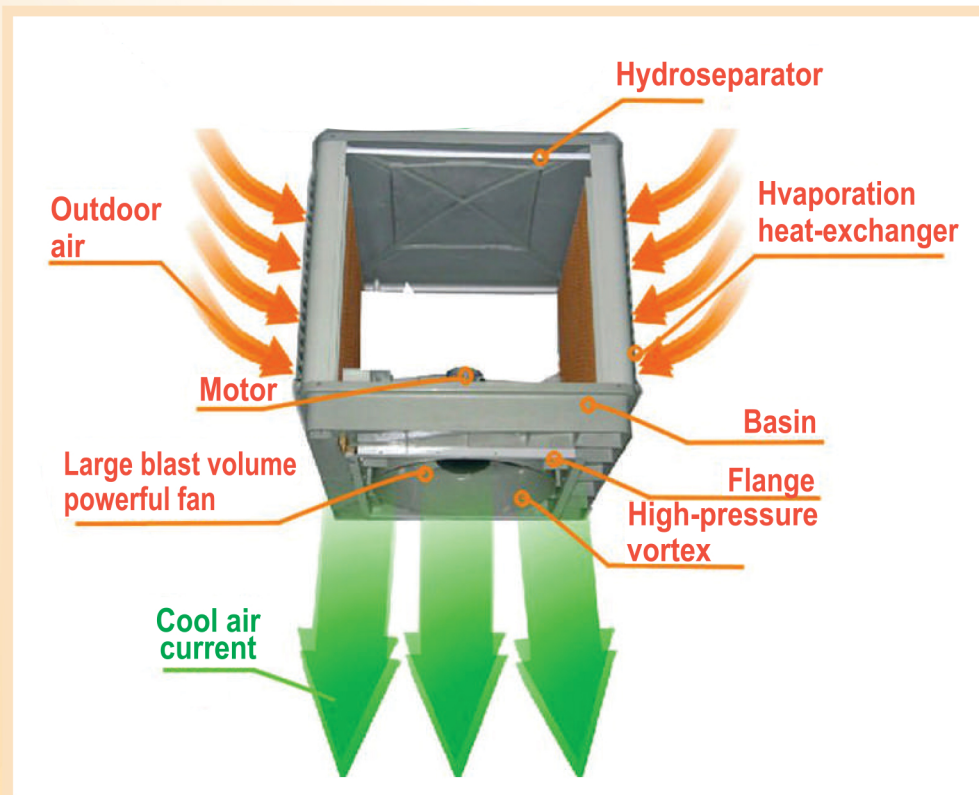
The Frame of industrial cooler is very simple. Water from the bottom pan of the unit is pumped to the top and allowed to flow down over the evaporation cooling pads of the spot cooler, evenly saturating the pads. Then, a powerful blower pulls air through the pads, forcing the water to evaporate which lowers the ambient temperature. The cooler air is then blown by the unit at a high velocity where you direct the cool air to go.

Megastar coolers are ideal for lager open areas. Cool large areas such as Warehouses, Sidelines at sporting events, Greenhouses, Shop areas, Assembly areas.

Megastar Coolers offer a low-cost alternative to air conditioning. Easy to set up in the wall, window and roof, not only provide cooling, but also provide good ventilation. They simply use an internal or external water source to provide cooling.

Megastar Industrial Air Cooler

Air Discharge	Top / Down / Side	Top / Down / Side	Four Side
Power	1.1 KW	3 KW	1.1 KW
Air Flow (M /H)	18000	30000	18000
Fan Type	Axial	Axial	Axial
Voltage	3 Phase 380/415	3 Phase 380/415	3 Phase 380/415
Frequency	50 Hz	50 Hz	50 Hz
Size (M)	1.08 * 1.08 * 0.95	1.3 * 1.3 * 1.18	1.08 * 1.08 * 0.95
Cooling Area	800-1000 Sq. ft.	1600-2000 Sq. ft.	800-1000 Sq. ft.
Noise	70 DB	79 DB	70 DB
Water Tank	20 L	40 L	220 L
Water Consumption	15-20 L/H	25-30 L/H	10-15 L/H
Weight	55 Kg.	100 Kg.	75 Kg.
Air Outlet Size	670x670 mm	800x800 mm	4 Side





EXHAUST FAN



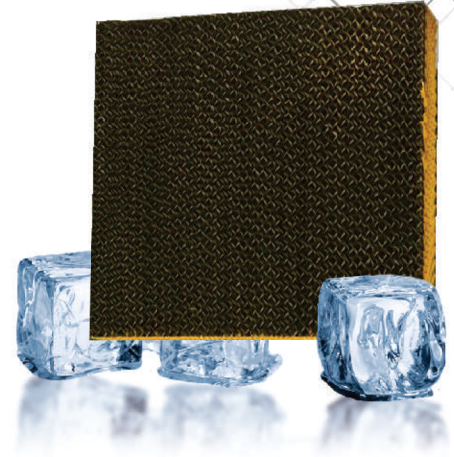
Model	Blade	Blade Speed	Motor Speed (r/min)	Air Flow (m/hr)	Pa	Noise (Db)	Input Power (w)	Voltage (V)	L (mm)	W (mm)	D (mm)
MS 800	800	600	1400	28000	70	70	550	380	900	900	400
MS 1000	1000	600	1400	32000	70	70	550	380	1000	1000	400
MS 1380	1380	440	1400	44000	56	70	1100	380	1380	1380	400
MS 1530	1530	440	1400	55800	60	70	1500	380	1530	1530	400



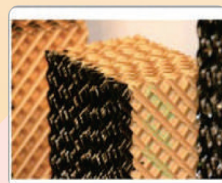
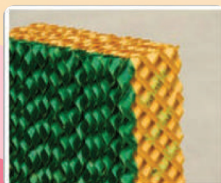
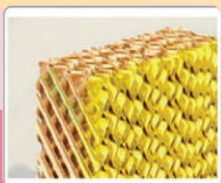
GREEN HOUSE POULTRY HOUSE COOLING PAD

Evaporative cooling pad/ Wet curtain :

1. It is made from special paper with honeycomb structure. Particular spatial structure provides the largest evaporation surface area for heat exchange of water and air. Large evaporative area efficiency as high as 80%.
2. Not contain substances that are harmful to the environment. poison less, tasteless, energy saving, environment protection, easy installation and removal.
3. Fine penetrability and water absorptivity ensure water evenly wet the complete cooling pad wall.
4. Water film can be formed on the surface of the largest evaporation surface of the corrugated fiber paper, by which the cooling pad can self-cleaned by being washed with water.
5. Variety sizes of shape: Stainless steel, Aluminum panel and so on.
6. The cooling pads are widely adopted as the medium of humidification and cooling, and also widely used in industrial fields, agricultural fields, such as textile, workshops, warehouses, stores, poultry farms and so on.



We Have 5090, 6090, 7090
Thickness 100mm, 200mm
Color : Brown, Green & Brown

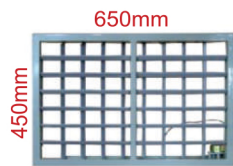




ACCESSORIES



Auto Swing



Auto Grill-1



Auto Grill-2



Manual Swing



Pre-Flier



Motor



Auto Drain Valve



Water Pump-1



Water Pump-2



Water Pump-3



Motor Bracket



Controller-1



Fan Blade-1



Fan Blade-2



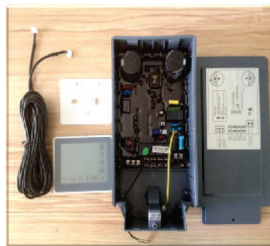
Fan Blade-3



Fan Blade-4



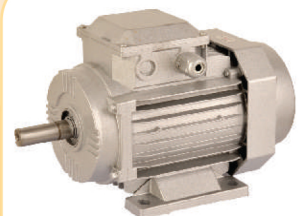
Fan Blade-5



Frequency Inverter-2

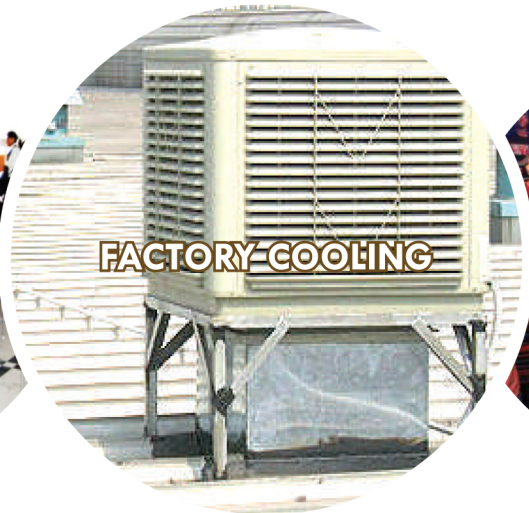


Ball Valve



Exhaust Motor

MEGASTAR AIR COOLER CAN BE USED AT



M E G A S T A R





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