

SKY[®]

AIR COOLER

"Inspire by Evaporation Near to Nature"

Industrial Evaporative Air Cooler & Industrial Exhaust Fan
Manufacturer & Exporters



Eco Friendly



Energy Saving



Low Running Cost



Low Maintenance



Technical Support

www.SkyAirCooler.com

About Sky Air Cooler

SKY AIR COOLER

Sky Air Cooler is a Premier Manufacturer And Exporter of High-Quality Industrial Air Coolers And Exhaust Fans. With a Commitment to Innovation, Efficiency, And Durability, We Provide Top-of-The-Line Cooling And Ventilation Solutions For a Variety of Industrial Applications.

Our Products Are Designed to Meet The Rigorous Demands of Industrial Environments, Ensuring Optimal Performance And Longevity. We Pride Ourselves on our Ability to Deliver Reliable And Cost-Effective Solutions That Enhance Productivity And Comfort in Workplaces Around The Globe.

Our Products

- Industrial Air Coolers : Engineered to Deliver Powerful And Efficient Cooling, Our Industrial Air Coolers Are Perfect For Large Spaces And Harsh Conditions.
- Exhaust Fans: Our Exhaust Fans Are Designed to Provide Superior Ventilation, Removing Stale Air And Ensuring a Fresh And Healthy Working Environment.

Commitment to Quality

At Sky Air Cooler, Quality is At The Forefront of Everything We Do. From The Selection of Materials to The Manufacturing Process, We Adhere to Strict Quality Control Measures to Ensure Our Products Exceed Industry Standards.

Global Reach

As a Trusted Exporter, Sky Air Cooler Has Established a Strong Presence in International Markets. Our Products Are Widely Used And Appreciated By Clients Across The Globe For Their Reliability And Efficiency

Customer Support

We Believe in Building Lasting Relationships With Our Customers. Our Dedicated Customer Support Team is Always Ready to Assist With Any Inquiries or Support Needs, Ensuring a Seamless Experience From Purchase to Installation And Beyond.

Choose Sky Air Cooler For Your Industrial Cooling And Ventilation Needs, And Experience The Difference of Superior Quality And Exceptional Service.

For More Information, Please Visit Our Website or Contact Us Directly.

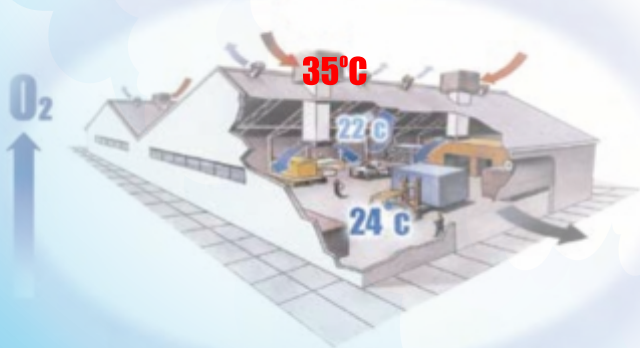
Vision :

Our Vision is to Become The Leading Provider of Innovative And Efficient Cooling Solutions, Enhancing Comfort And Quality of Life For Our Customers While Promoting Sustainable Practices For a Cooler, Greener Future.

Mission :

Our Mission is to Deliver High-Quality, Affordable, And Eco-Friendly Cooling Products That Exceed Customer Expectations That Every Home And Business Can Enjoy Optimal Comfort Year-Round.

A Chillcel cooling pad is soaked in water while passing through the Air



Hot outside air is drawn in by a powerful and quiet fan

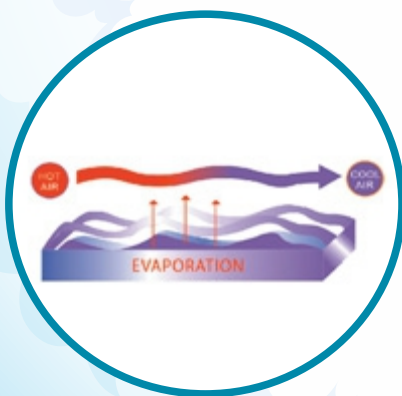
Water absorbs heat by the natural evaporation process. Cool, fresh air is produced

Why SKY Air Cooler

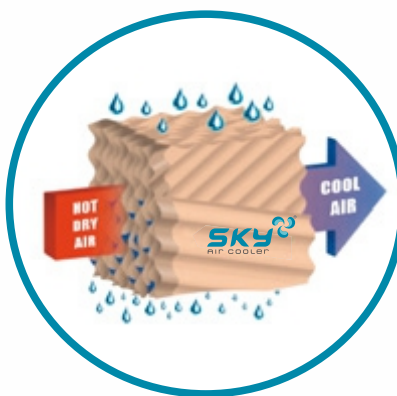


For More Than Four Decades, SKY AIR COOLER Brands Have Been Synonymous With Leading-Edge Technology, Innovative Design And Superior Cooling Performance, In Addition To Outstanding Product Reliability And Ease of Maintenance. SKY AIR COOLER Dedication to Innovation Through The Highest Standards of Research, Engineering And Manufacture, As Well As Our Commitment to Excellence in Customer Service, All Combine to Deliver The Best Possible Cooling Systems At The Best Possible Price. Designed And Made in India By SKY AIR COOLER to Cope With Even The Harshest Conditions, Features a Range of Benefits Exclusive to Sky Air Cooler, Including:

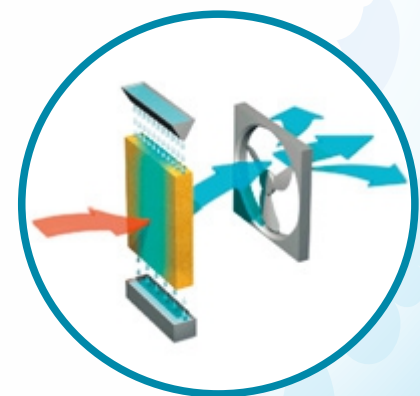
- Our pumps — Designed And Manufactured By Sky Air Cooler.
- Sky Air Cooler's Pump Delivers The Highest Levels of Reliability And Safety.
- "Sky Air Cooler's" Non-Clogging Water Distribution System Maximizes Cooling Efficiency.
- Intelligent, Electronically Controlled Water Management Maintains a Clean System.
- Cellulous Pads Are Built Strong to Last Longer And Are Easy to Clean And Replace When Necessary.
- The Water Manager System Ensures Optimum Machine Life With Minimum Maintenance; And The Super-Efficient Motor Direct Drive Motor, The Quietest Motor Available.
- Premature Corrosion-Proof Cabinets, That Won't Rust, Fade or Discolour - No Wonder We Guarantee Them Corrosion- Free For 13 Years!



Evaporative air cooler works on the principle of heat absorption by moisture evaporation



Hot & dry ambient air is filtered & cooled by passing through cellulose pads



Pads are wet by water recycling, and pushed out by powerful blower to certain areas.

Ductable Air Cooler

SKY AIR COOLER



MERCURY AIR COOLER

PARTICULARS	MERCURY AIR COOLER
Airflow (M3/H)	18000 CMH
Discharge	Top/ Bottom
Cooling Area (Sq. Ft.)	1500 Sq. Ft.
Air Pressure (P.A.)	180
Motor (V/Hz)	380-415v/50Hz & 220v/50Hz
Power (Kw)	1.1
Phase	Three / Single
Speed	Single / Variable
Fan Type	Axial (3 Blade)
RPM (Running Per Minutes)	1400
Pad Size (MM)	685 x 765 x 100
Water Tank (LTR.)	35
Water Drain	Manual / Auto
Noise (DB)	<62
Net Weight (Kg)	Top - 65, Bottom - 60
Dust Filter	Yes
Air Outlet Size (MM)	670 x 670
Dimension LxWxH (MM)	1111 x 1111 x 1011
Qty Full (40Hq)	40
Qty/SKD (40Hq)	85 Down / 80 Top



MERCURY

Ductable Air Cooler
Top & Bottom Discharge

Cools up to **1500** sq.ft.
(with 50 feet line up Ducting)
1 Unit Consumption in **1 Hour**
18000 CMH



Ductable Air Cooler



PLUTO AIR COOLER

PLUTO



Ductable Air Cooler
Top & Bottom Discharge

Cools up to **2500** sq.ft.
(with 75 feet line up Ducting)
1.5 Unit Consumption in **1 Hour**
22000 CMH

PARTICULARS	PLUTO AIR COOLER
Airflow (M3/H)	22000 CMH
Discharge	Top / Bottom
Cooling Area (Sq. Ft.)	2500 Sq. Ft.
Air Pressure (P.A.)	240
Motor (V/Hz)	380-415v / 50Hz & 220v / 50Hz
Power (Kw)	1.5
Phase	Three / Single
Speed	Single
Fan Type	Axial (4 Blade)
RPM (Running Per Minutes)	1400
Pad Size (MM)	685 x 765 x 100
Water Tank (LTR.)	35
Water Drain	Manual / Auto
Noise (DB)	< 75
Net Weight (Kg)	Top - 68, Bottom - 62
Dust Filter	Yes
Air Outlet Size (MM)	670 x 670
Dimension LxWxH (MM)	1111 x 1111 x 1011
Qty Full (40Hq)	40
Qty/SKD (40Hq)	85 Down / 80 Top



Moveable Air Cooler

SKY AIR COOLER



URANUS



EARTH



PARTICULARS	URANUS AIR COOLER
Airflow (M3/H)	18000 CMH
Discharge	Top / Bottom
Cooling Area (Sq. Ft.)	2000 Sq. Ft.
Air Pressure (P.A.)	180
Motor (V/Hz)	380-415v / 50Hz & 220v / 50Hz
Power (Kw)	1.1
Phase	Three / Single
Speed	Single / Variable
Fan Type	Axial (3 Blade)
RPM (Running Per Minutes)	1400
Pad Size (MM)	685 x 765 x 100
Water Tank (LTR.)	35
Water Drain	Manual / Auto
Noise (DB)	< 75
Net Weight (Kg)	Top - 77, Bottom - 72
Dust Filter	Yes
Air Outlet Size (MM)	670 x 670
Dimension LxWxH (MM)	1111 x 1111 x 1011
Qty Full (40Hq)	20
Qty/SKD (40Hq)	70 Down / 65 Top

PARTICULARS	EARTH AIR COOLER
Airflow (M3/H)	18000 CMH / 22000 CMH
Discharge	Top
Cooling Area (Sq. Ft.)	2000 Sq. Ft. / 2500 Sq. Ft.
Air Pressure (P.A.)	180 / 240
Motor (V/Hz)	380-415v / 50Hz & 220v / 50Hz
Power (Kw)	1.1 / 1.5
Phase	Three / Single
Speed	Single / Variable
Fan Type	Axial (3 Blade) / (4 Blade)
RPM (Running Per Minutes)	1400
Pad Size (MM)	685 x 765 x 100
Water Tank (LTR.)	200
Water Drain	Manual
Noise (DB)	< 75
Net Weight (Kg)	200
Dust Filter	Yes
Air Outlet Size (MM)	670 x 670
Dimension LxWxH (MM)	1540x 1111 x 1011
Qty Full (40Hq)	20
Qty/SKD (40Hq)	70 Down / 65 Top

Heavy Duty Air Cooler



VENUS AIR COOLER

VENUS



Heavy Ductable Air Cooler
Top & Down Discharge

Coolsup to **3000** sq.ft.
(with 100 feet lineup Ducting)
3 Unit Consumption in **1 Hour**
30000 CMH



PARTICULARS	VENUS AIR COOLER
Airflow (M3/H)	30000 CMH
Discharge	Top / Bottom
Cooling Area (Sq. Ft.)	3000 Sq. Ft.
Air Pressure (P.A.)	330
Motor (V/Hz)	380 to 415v / 50Hz / 60Hz
Power (Kw)	3
Phase	Three
Speed	Single
Fan Type	Axial (6 Blade)
RPM (Running Per Minutes)	1440
Pad Size (MM)	975 x 885 x 100
Water Tank (LTR.)	45
Water Drain	Manual / Auto
Noise (DB)	< 79
Net Weight (Kg)	Top - 140 / Bottom - 135
Dust Filter	Yes
Air Outlet Size (MM)	765 x 765
Dimension LxWxH (MM)	1343 x 1343 x 1385
Qty Full (40Hq)	9
Qty/SKD (40Hq)	45 Down / 39 Top

Heavy Duty Air Cooler

SKY AIR COOLER



NEPTUNE AIR COOLER



PARTICULARS	NEPTUNE AIR COOLER
Airflow (M3/H)	40000 CMH
Discharge	Top / Bottom
Cooling Area (Sq. Ft.)	3500 Sq. Ft.
Air Pressure (P.A.)	370
Motor (V/Hz)	380 to 415v / 50Hz / 60Hz
Power (Kw)	3.7
Phase	Three
Speed	Single
Fan Type	Axial (8 Blade)
RPM (Running Per Minutes)	1440
Pad Size (MM)	975 x 885 x 129
Water Tank (LTR.)	45
Water Drain	Manual / Auto
Noise (DB)	< 79
Net Weight (Kg)	Top - 145 / Bottom - 139
Dust Filter	Yes
Air Outlet Size (MM)	765 x 765
Dimension LxWxH (MM)	1343 x 1343 x 1385
Qty Full (40Hq)	9
Qty/SKD (40Hq)	45 Down / 39 Top

NEPTUNE

Neptune Air Cooler
Top & Down Discharge

Coolsup to **3500** sq.ft.
(without Ducting / Spot Cooling)
3.5 Unit Consumption
in **1 Hour**
40000 CMH

Features of our products include:

- High-performance cooling capabilities
- Energy-efficient designs
- Durable construction for long-term use
- Easy installation and maintenance

World's Best Engineering Plastic Injection Molding Body



SKY Uses 100% New Material Engineering Plastic Injection Molding Body

1. UV - Resistant Cabinet Material.
2. 100% Usable in Outdoor.
3. Temperature Tolerance Form - 40° c to 96° c.
4. Plastic Body Cabinet Life More Than 10 Years*

World's Best Motor Manufacturing by sky air cooler



SKY presents best high torque MOTOR in India

1. 100% Maintenance Free
2. 100% Dust & Moisture Proof
3. Save Up To 80% Electricity Bill.
4. Can Be Used Now Stop Up To 24 Hrs.

Xtraordinary Features & Benefits of SKY



5090 Honey Comb - Cellulose Wet Pad World's Best Quality Pads imported from Finland with Anti Bacterial Resins & 4X Longer Life than any other Pad (last upto 5 yrs.*)



4D Technology (Top & Bottom Discharge)

SKY is the only brand which gives 4D Cooler in movable & ductable Coolers.



Turbo Axial Fan

SKY is the only brand which gives Turbo Axial Fan for worlds most powerful air through & very low noise.

Industrial Exhaust Fan



SKYEX-850				
AIR FLOW (M3/H)	VOLTAGE	POWER (KW)	PHASE	DIAMETER BLADES (INCH)
13000 CMH	415v/50 Hz	0.37 kw	Three Phase	24 (Inch)
BLADES ROTATIONAL SPEED (RPM)	NET WEIGHT (KG)	AUTO SHUTTER FUNCTION	DIMENSION L x W x H	WALL CUT SIZE
700	28	Yes	850x850x450 (mm)	855x855x455 (mm)



SKYEX-1060				
AIR FLOW (M3/H)	VOLTAGE	POWER (KW)	PHASE	DIAMETER BLADES (INCH)
29000 CMH	415v/50 Hz	0.55 kw	Three Phase	35 (Inch)
BLADES ROTATIONAL SPEED (RPM)	NET WEIGHT (KG)	AUTO SHUTTER FUNCTION	DIMENSION L x W x H	WALL CUT SIZE
540	39	Yes	1060x1060x550 (mm)	1065x1065x555 (mm)



SKYEX-1460				
AIR FLOW (M3/H)	VOLTAGE	POWER (KW)	PHASE	DIAMETER BLADES (INCH)
44500 CMH	415v/50 Hz	1.1 kw	Three Phase	50 (Inch)
BLADES ROTATIONAL SPEED (RPM)	NET WEIGHT (KG)	AUTO SHUTTER FUNCTION	DIMENSION L x W x H	WALL CUT SIZE
540	45	Yes	1460x1460x580 (mm)	1465x1465x585 (mm)



SKYEX (ALU / NYLON) -1460				
AIR FLOW (M3/H)	VOLTAGE	POWER (KW)	PHASE	DIAMETER BLADES (INCH)
58000 CMH	415v/50 Hz	1.5 kw	Three Phase	50 (Inch)
BLADES ROTATIONAL SPEED (RPM)	NET WEIGHT (KG)	AUTO SHUTTER FUNCTION	DIMENSION L x W x H	WALL CUT SIZE
700	58	Yes	1460x1460x580 (mm)	1465x1465x585 (mm)

FEATURES

- Hosing: Outer Cabinet SMC Fiber Glass
- Iron Wire Guard front Side with PVC Quoted
- Motor draft Cover : PVC
- Motor : 100% Copper Winding and Aluminium Case Design with Heatsink
- Motor Legs : Fiber Glass Material
- Exhaust Fan Shutter: PVC Material
- Blades : Fiber Glass Blades






Comparison & Temperature



Temperature Decrease of Evaporative Air Cooler

Exit°C Intake air°C	Intake air Relative humidity(%)								
	10	20	30	40	50	60	70	80	90
10	3.2	4.0	4.8	5.6	6.4	7.2	8.0	8.6	9.4
15	6.6	7.8	8.8	9.8	10.8	11.7	12.6	13.4	14.3
20	10.1	11.4	12.8	13.9	15.2	16.2	17.2	18.2	19.2
25	13.4	15.0	16.6	18.0	19.4	20.6	21.8	22.9	24.0
30	16.6	18.6	20.4	22.0	23.6	25.0	26.4	27.7	28.9
35	19.8	22.2	24.2	26.2	28.0	29.6	31.0	32.4	33.7
40	23.0	25.6	28.1	30.4	32.3	33.9	-	-	-
45	25.9	29.2	32.0	34.4	-	-	-	-	-
50	29.0	32.7	35.8	-	-	-	-	-	-

Compare With Other Cooling Or Ventilation Devices

Type				
	Evaporative cooler	Refrigerative air con	Centrifugal fan	Ceiling fan
Capacity	18000cmh	400000BTU/hr	40000cmh	1400mm.Dia
Power	1.1KW	54KW	7.5KW	0.075KW
Cover area	1000 Sq.Ft.	1000 Sq.Ft.	1000 Sq.Ft.	1000 Sq.Ft.
Air change per hour	30	0	30	0
Units required	8	2	3	83
Total kw	8.8KW	108.0KW	22.5KW	6.2KW
Electricity cost per year (10hrs,365 days)	32120KW-h	394200KW-h	82125KW-h	22721KW-h
Cost with reference to Refrigerative air con	8.15%	100%	20.83%	5.76%

Air Cooler Parts

SKY AIR COOLER



Motor
1.1Kw 3Phase



Motor
1.1Kw Inverter



Motor
1.5Kw 3Phase



Motor
3Kw 3Phase



Motor
3.7Kw 3Phase



LED Controller



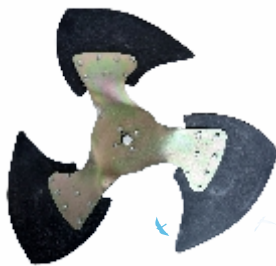
Digital Controller



Controller Box



Fan (4 Blade)



Fan (3 Blade)



Fan (6 Blade)



Water Pump



Auto Drain Valve



Float Valve



Green Cooling Pad



Brown Cooling Pad



Clamp

Applications

SKY AIR COOLER

Sky Air Cooler is suitable for a large range of commercial and industrial applications, such as:

- Warehouses
- Repair and Maintenance Areas
- Sports Centers
- Institutional Facilities
- Manufacturing Plants
- Storage Areas
- Laundries and Dry Cleaners
- Commercial Kitchens
- Agricultural Facilities
- Farm Building - Dairy, Poultry and Stables,.



Installation Work

SKY AIR COOLER



Our Esteemed Clients



Apollo Tyres



Arvind Ltd.



Bajaj Bike



GMR



Uno Minda Ltd.




Blue Star Ltd.



Britannia




L & T



Hero Motorcorp Ltd.




Jade Blue



Jindal Stainless Ltd.



Coca - Cola



MRF Ltd.



Reliance Ltd.



Parle Ltd.



Pluga Pump Ltd.



Volvo




Tirupati Oil



Vimal Dairy Ltd



Lubi



Zed Black



Bharat Oman Ltd.



Doms India



TOPAZ GROUP



ALP Footwear



Enpay India Ltd.



Green India Rice



Royal Enfield



After Sales Service

Reliable, expert and fast :

The SKY Air cooler Customers services

- 🌀 **SKY Air cooler Services Available 24/7* hours.**
- 🌀 **Personal attention. Per Phone call or just on mouse click**
(www.skyaircooler.com/service)
- 🌀 **SKY gives 100% replacement Warranty of 1 years* on whole Cooler.**

Contact Details

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