



PRODUCT BROCHURE

HEATING, VENTILATION, COOLING AND POLLUTION CONTROL SYSTEMS



VAYUVENTS

LIMITLESS POSSIBILITIES, ENDLESS SOLUTIONS



www.vayuvents.com



ABOUT US

VAYUVENTS PRIVATE LIMITED Established in the year 2010, In Vasai, Mumbai (Maharashtra, India) we, "Vayuvents Private Limited", are the Manufacturer, Exporter of Axial Fan, Centrifugal Fan, Industrial Mancooler Fan, Industrial Hot air blower, Pulse jet dust collector, Bug Blower, Electrical Operated Roof Extractor fan, Motorized Roof Exhaust Fan, Twin lobe blower, Cyclone Dust Collector, Hot air Axial Fan, Fume Scrubber, Belt Driven Centrifugal Blower, Air washer Unit, Air Handling Unit, ID & FD Fan and many more.

VAYUVENTS PRIVATE LIMITED are made available in a varied range of specifications, to meet the diversified requirements of our valuable customers. We are extremely concerned with the quality of the proffered assemblage and this is the reason, we use premium quality raw materials for the manufacturing operation. At our company, VAYUVENTS PRIVATE LIMITED have established a state-of-the-art infrastructure facility that is equipped with basic amenities and machines that are based on modern & advanced technology in the market. Moreover, we have recruited a team of experienced and skilled professionals, who are well trained to understand the varied requirements of our reputed customers. In past decades, we have garnered an unmatched position in the business and wish to garner multiple clients in the future too. We involve in ethical business dealings only. These products are being used by a very diverse range of industries ranging from Power plants & cement manufacturing to Pharmaceuticals & textiles.

Under the able leadership of **VAYUVENTS PRIVATE LIMITED** Founder, 'Rajan Ramashish Pal', we have been able to establish our stand-alone position in the market. His rich industry experience, continuous motivation, and sound business understanding have enabled our organization to gain a phenomenal success in this competitive market.

COMPANY PROFILE

Vayuvents Limited is a leading manufacturer and supplier of HVAC (Heating, Ventilation, and Air Conditioning) solutions in India. Established in 2010, the company specializes in designing, manufacturing, installing, and servicing a wide range of products, including axial fans, centrifugal fans, industrial mancooler fans, hot air blowers, dust collectors, and more.

Vayuvents caters to various industries, such as marine, offshore, and manufacturing, providing tailored solutions to meet specific ventilation and air pollution control requirements. With a focus on quality and innovation, Vayuvents has become a trusted partner for businesses seeking reliable and efficient HVAC systems.

Our Qualities	Our Commitments	About Us
<ul style="list-style-type: none"> • Quality-focused: Prioritizes high-quality products and services. • Innovative: Continuously develops new and advanced HVAC solutions. • Reliable: Offers dependable and efficient HVAC systems for various industries. 	<ul style="list-style-type: none"> • Client-Satisfaction: Understanding customers' need before showcasing our products. • Cost-Friendly: Continuously reviewing the market and giving you the best rates which are pocket friendly . • Great-After-Sale-Services: Will go beyond our customers' expectations in terms of delivery and after sale services 	<ul style="list-style-type: none"> • HVAC solutions provider • Quality products and services • Reliable and efficient systems

We offer our products to many market segments as a motor fan company and over the period of time we have successfully expanded to various markets like

- Marine works
- Nuclear Power Plants
- Highway Tunnels
- Steel Industries
- Oil Factories
- Energy Industries
- Iron Industries
- Solar Industries

Evaporative air coolers are a type of cooling device that work by evaporating water to lower the temperature of the air. Unlike traditional air conditioners, they don't use refrigeration. Instead, they draw in outside air, pass it over a wet filter or pad, and expel the cooled, humidified air back into the room. This process is particularly effective in dry climates where the evaporation rate is high. Evaporative coolers are often used in residential and commercial settings, especially in regions where energy costs are high or where traditional air conditioning is not practical.

Components Of Evaporative Air Cooler Fans

1. Water Reservoir
2. Water Distribution System
3. Evaporative Media
4. Fan
5. Air Inlet/Outlet
6. Control Panel



Key Features Of Evaporative Air Cooler Fans

1. Natural cooling: Uses evaporation to cool air.
2. Energy-efficient: Lower energy consumption than air conditioners.
3. Humidifying: Adds moisture to the air, improving comfort.
4. Portable: Easy to move and install.
5. Cost-effective: Lower initial and operating costs than air conditioners.

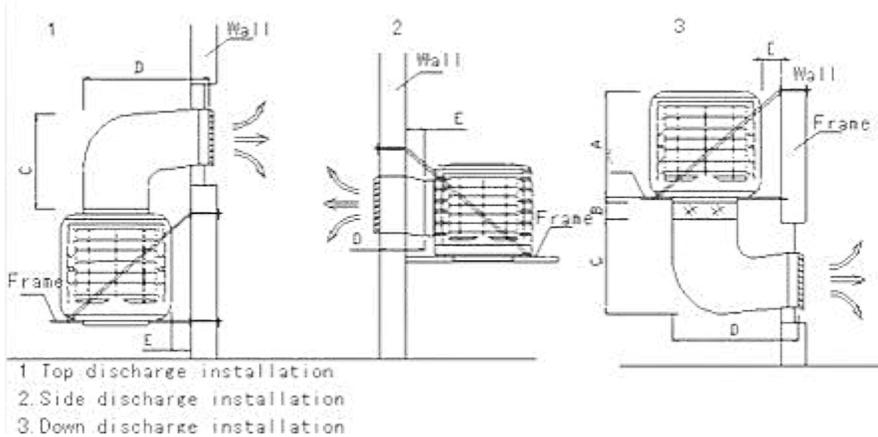
EVAPORATIVE AIR COOLER FANS

Evaporative coolers use water evaporation to cool air, working best in dry climates.



EVAPORATIVE AIR COOLER FANS

Evaporative air cooler fans come in various dimensions, here are some listed below.



PARTICULERS	MERCURY AIR COOLER	URANUS AIR COOLER	PLUTO AIR COOLER	VENUS AIR COOLER
Aire flow (m3/hr.)	18000 CHM	18000 CHM	22000 CHM	30000 CMH
Cooling Area (Sq. Ft)	1500 (Sq. Ft)	2000 (Sq. Ft)	2500 (Sq. Ft)	3000 (Sq. Ft)
Air pressure (P.A)	180	180	240	300
Motor (V/Hz)	415V/50HZ & 220V/50 hz	415V/50HZ & 220V/50 hz	415V/50HZ & 220V/50 hz	415V/50HZ
Power (KW)	1.1 (KW)	1.1 (KW)	1.5 (KW)	3 (KW)
Phase	Three phase	Three phase	Three phase	Three phase
Speed	1440 RPM	1440 RPM	1440 RPM	960 RPM
Fan type	Axial (3 blade)	Axial (3 blade)	Axial (4 blade)	Axial (4 blade)
Water tank (ltr)	35	35	35	45
Noise (DB)	≤62	≤75	≤75	≤79DB
Net weight (KG)	65	77	68	90
Dust filter	yes	yes	yes	yes
Air outlet size (MM)	670 x 670	670 x 670	670 x 670	800 x 800
Dimension L x W x H	1111 X 1111 X 1011 MM	1540 X 1111 X 1700 MM	111 X 1111 X 1011 MM	1300 X 1300 X 1180 MM

WHAT DO WE OFFER

We offer state of the art services and industrial products. Feel free to contact us on our social media handles and on our website.

HOW TO REACH

1. Jnpt port - 35 km
2. Sahar Air Cargo - 20Km
3. Railway station - 5Km
4. Vasai Highway - 200m





Contact us

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OUR CLIENTS

