



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

An Axial flow fan takes in air parallel to the axis of blades that rotates around it and forces the air out in the same direction. They can create airflow at a high rate and are capable of generating air flow in large volumes. The key reason why they are needed in industrial units is for the purpose of supplying fresh air. They can also be used to suck the air coming from return air trenches and rotary filters. They can also be used for the purpose of exhausting air out. The most common applications which it is used are air-cooled condensers, cooling towers, air cooled heat exchangers etc.

Components Of Axial Flow Fan

1. Motor
2. Blades
3. Impellers
4. Casing



Key Features Of Axial Flow Fan

- The design of the axial flow fan is such that it is capable of providing higher energy-efficiency.
- More conveniently, it has lower noise as compared to other conventional fans.
- Ability to generate propagate better air movement using relatively lesser energy.
- Provide High-cost savings up to 40%.
- Available in wide variations.

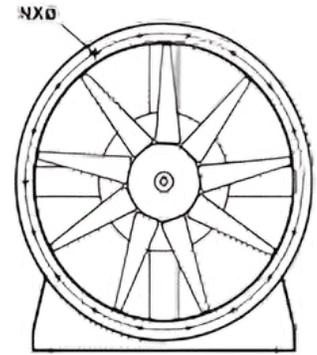
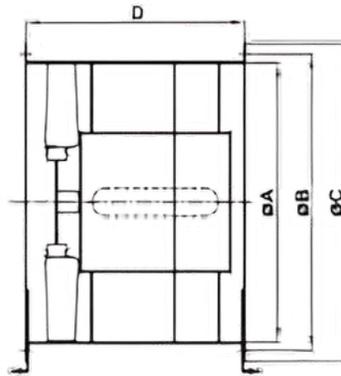
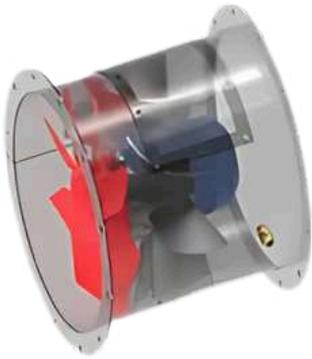
AXIAL FLOW FANS

Axial Flow Fan is pivotal part of any industrial or a factory setup. Here are some Images.



AXIAL FLOW FANS

Axial fan comes in different dimensions listed below, take a look.



AXIAL FAN AIRFLOW WITH MODELS

Sr No.	Fan Model	Fan Dia (in mm)	Motor Rating (HP/Pole)	Motor F/S (in RPM)	Free Air (m3/hr)	Volume Flow in m3/hr at different Static Pressure in mmwg										
						5	10	15	20	25	30	40	50	60	70	80
1	AX-75-28-120	305	0.75/2	2800	2300	-	2000	1750	1400	-	-	-	-	-	-	-
2	AX-25-14-120	305	0.25/4	1440	1800	-	1500	1450	1320	-	-	-	-	-	-	-
3	AX-50-14-150	385	0.50/4	1440	2250	1950	1200	-	-	-	-	-	-	-	-	-
4	AX-75-28-15	385	0.75/2	2850	5000	-	4100	3900	3700	3300	3000	-	-	-	-	-
5	AX-50-14-180	460	0.50/4	1440	6750	6000	5500	4400	-	-	-	-	-	-	-	-
6	AX-100-28-180	460	1.0/2	2880	9000	8000	7500	6200	-	-	-	-	-	-	-	-
7	AX-100-14-240	612	1/4	1440	12000	-	11000	10900	9500	-	-	-	-	-	-	-
8	AX-200-28-240	612	2/2	2800	15500	-	13600	13000	11300	-	-	-	-	-	-	-
9	AX-150-14-280	712	1.5/4	1440	17500	-	15000	13900	12500	11800	10000	-	-	-	-	-
10	AX-300-28-280	712	3/2	2880	20000	-	18500	16900	16000	15000	14500	-	-	-	-	-
11	AX-300-96-360	915	3/6	960	45000	-	42000	39000	37000	34000	-	-	-	-	-	-
12	AX-500-14-360	915	5/4	1440	40000	-	-	-	38000	35000	32000	22000	18000	15000	-	-
13	AX-500-96-400	1015	5/6	960	48000	-	45000	43000	42000	-	-	-	-	-	-	-
14	AX-750-14-400	1015	7.5/4	1440	55000	53000	49000	47000	-	-	-	-	-	-	-	-
15	AX-750-96-480	1220	7.5/6	960	65000	-	-	58000	55000	34500	30500	22000	-	-	-	-
16	AX-100-960-480	1220	10/6	960	69000	-	-	-	65000	61500	60000	55000	-	-	-	-
17	AX-150-960-600	1530	15/6	960	75000	-	-	-	-	-	80000	70000	-	62000	50000	-
18	AX-300-14-600	1530	30/4	1440	95000	-	-	-	-	-	-	-	-	85000	69000	-
19	AX-300-96-720	1830	30/6	960	120000	-	-	-	-	-	-	-	115000	108000	100000	95000
20	AX-500-14-720	1830	50/4	1440	150000	-	-	-	-	-	-	-	125000	115000	100000	60000

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

Sales@vayuvents.com

Support@vayuvents.com

Technical : +91 8793841013

Call for any support : +91 9096163605

OUR CLIENTS

