



HEXAGON

Engineering



Axial Fans

Axial fans are air blowers designed to move atmosphere. Axial fans are the simplest variety of blower. They function by creating positive and negative areas of pressure in front of and behind their blades, which creates airflow. An axial fan's blades are positioned vertically and are curved or tilted to allow for whatever degree of atmospheric pressure manipulation may be necessary.

Axial fans can be found in applications ranging from Man Cooler fans to huge wind turbines. Axial ventilation fans or axial exhaust fans are used in HVAC systems to preserve workspace air quality and comfortable temperatures. In industrial settings, axial fans are a common choice for exhaust systems, which evacuate harmful or unpleasant fumes from kitchens, factories, warehouses and many other settings. They help to keep clean rooms contaminant-free, tunnels ventilated and gymnasiums cool. Axial fan motion is controlled by belts and pulleys, Electric motors.

Specification

Capacity	1000 to 100000 cfm
Static Pressure	10 mm to 200 mm wc
Power Consumption	220 V Single Phase, 50 Hz (0.5 HP to 5 HP) 415 V Three Phase, 50 Hz (0.5 HP to 50 HP)
Revolution of Impeller	960 rpm, 1440 rpm & 2880 rpm
Types of drive	Direct Drive V belt Drive
Material of Construction	Mild Steel, SS-304,SS-316,SS-304L, SS-316L FRP Coated



Tube Axial Fan



Axial Flow Fan



Belt Driven Axial Fan



Man Cooler Fan

Impeller

With a precise understanding of the relevant industry, we introduce ourselves as the leading manufacturer and supplier of **Blower Impeller**. The offered impeller is manufactured by our skilled professionals using progressive methodology and top notch quality components. Rendering smooth operation, our provided impeller is available in various designs and sizes to fulfil various application demands of our clients.



Radial Impeller



Backward Curve Impeller



Forward Curve Impeller



AiroFoil Impeller



Multiblades Impeller



Centrifugal Blowers

Hexagon Engineering has been designing and manufacturing pre-engineered and heavy duty fans and blowers for over a decade. What began with only four employees in a small factory where engineering, fabrication, testing, inside sales, accounting, purchasing, and marketing all work together to maintain our reputation for exceptional performance and reliability.

Hexagon Engineering 8 years experience in designing industrial fans fabricated from specialised steels ranging from mild steel, stainless steel(304, 304L,316, 316L), FRP coated for demanding corrosive and explosive environments.

Specification

Capacity	1000 to 100000 cfm
Static Pressure	10 mm to 1000 mm wc
Power Consumption	220 V Single Phase, 50 Hz (0.5 HP to 5 HP) 415 V Three Phase, 50 Hz (0.5 HP to 200 HP)
Revolution of Impeller	960 rpm, 1440 rpm & 2880 rpm
Types of drive	Direct Drive V belt Drive, Couple Drive
Material of Construction	M.S.,S.S., SS-304,304L,316,316L & FRP Coated
Temperature	30° C to 700° C



DIDW Blower



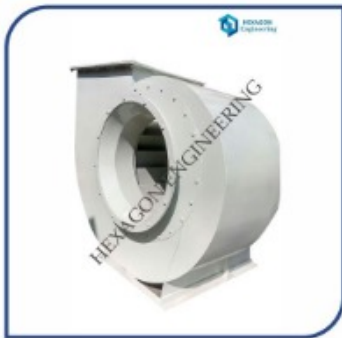
SISW Blower



Induced Draft Blower



Forced Draft Blower



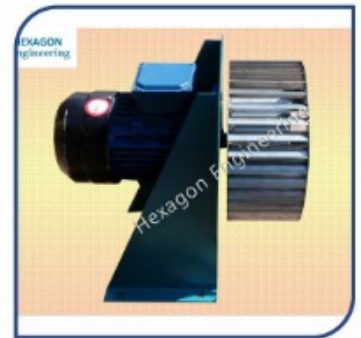
Kitchen Exhaust Blower



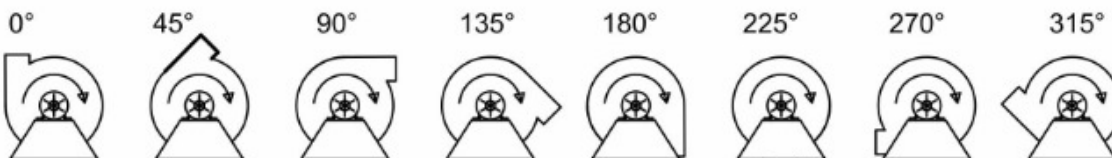
Pusher Blower



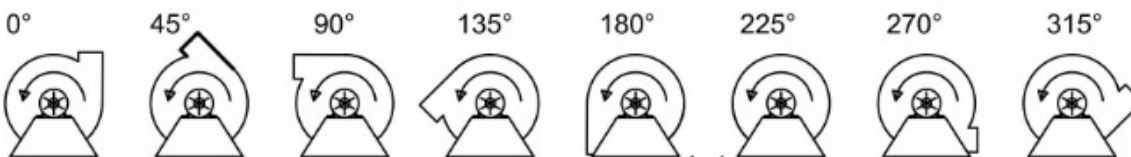
Burner Blower



Plug Fan



MOTOR SIDE
CLOCKWISE



MOTOR SIDE
ANTI - CLOCKWISE

Blower Positions



HEXAGON ENGINEERING is established in the year of 2007. Now HEXAGON ENGINEERING has a huge network of Industrial Air Equipment in market. The Company Being Inspired by German Product Designs has over the years developed high efficiency and power saving air blowers at affordable price. Company's vision and mission is to commit for "Delivering quality product", with high efficiency and performance, along with taking care of the environment through air pollution and dust control product.

HEXAGON ENGINEERING has captured the market of various industries such as Food Processing Unit, Cooling Plant, Boiler Plant, Sugar Plant, Cement Plant, Tex-tile mills, Foundries, Chemical Plant, Ceramic Industries, Pharmaceuticals Companies, Flour Mills and many more companies across India for its Air Blowers and various environmental pollution control product such as Dust Collector and Air pollution control system.

With over more than two decades of providing world class services and products to our esteemed clients our endeavours has always been to deliver the best of ourselves to them For its about building everlasting relationships with our valuable clients.

Success Clients



Customized INNOVATIONS

HEXAGON Engineering



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