



BLOWTECH ENGINEERS PVT. LTD.

(An ISO:9001:2015, SSI & MSME Regd. Company)

Manufacturers and Exporters of Industrial Blowers, Axial Flow Fans,
Motorized Roof Exhaust Fans & Air Pollution Control Systems



WELCOME TO

BLOWTECH



ABOUT

BLOWTECH



Our Prestigious Clients



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Our Product Range



1

Acid Fume Scrubbers

2

Axial Flow Fans



3

Centrifugal Blower



4

Motorized Roof Exhaust Fans

5

Cyclone Dust Collector



6

Pulse Jet Dust Collector



7

Turbine Blowers



8

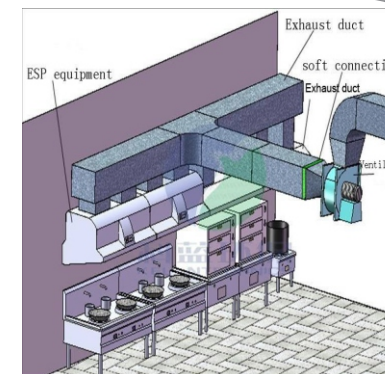
Man Coolers



Our Product Range

9

Kitchen Ventilation System



10

Air Washer Unit



11

Door Air Curtain



12

Industrial Ventilation System



13

Dry Scrubber



14

Air Circulators



15

FRP TANKS



16

Air Handling Unit



BLOWTECH ENGINEERS PVT. LTD. IS ONE OF THE LEADING MANUFACTURERS AND EXPORTERS OF INDUSTRIAL BLOWERS, FANS AND AIR POLLUTION CONTROL SYSTEMS. OUR PRODUCT RANGE FINDS IT'S APPLICATION IN DIVERSE INDUSTRIES AND IS KNOWN FOR IT'S SUPERIOR PERFORMANCE AND BETTER EFFICIENCY.

Being new benchmarks of performance, we are one of the leading names, engaged in the manufacturing and exporting of world-class industrial air pollution control equipment & ventilation systems such as: Centrifugal Blowers, Axial Flow Fans, Industrial Air Handling Units, Dust Collectors, Door Air Curtains, Motorized Roof Exhaust Fans and many more.

Ever since our establishment in the year 1998, we are committed to offer the best designed products from best and premium quality raw components and material. Because of the robust construction, our wide range of products can aptly serve the requirements of diverse industries such as : Thermal Power Plants, Coal, Cement, Engineering Industries, Pharmaceuticals, Textiles, Sugar and Steel Plants.

Our modernized technology and streamlined production process along with our capability to deliver with in time have helped us in creating a benchmark in these industry. Having years of experience in this area of operation, we have also exported our products in Germany, Nigeria, Portugal and Gulf Country.

SOME WORDS FROM OUR FOUNDER

During my 20 years of professional journey, I started of as a very small entrepreneur by keeping in mind to reduce pollution from working industries also to protect environment. Now we are in exports of Industrial Blowers, Axial flow fans Motorized Roof Exhaust Fans & Air Pollution Control Equipments for all commercial needs to international market. My versatile knowledge and skills helped me become a valuable asset to my company. My customers are very much satisfied with our quality products, design and services. We are growing up with better infrastructure and highly equipped machinery to provide better services and join more customers in our family.

The business started with a small scale has expanded to international standards with passion and dedication towards work. My soft spoken and calm attitude and better planning helps me during the pressure situations. The continuous production volume of work keeps my staff engaged in productive and development stage to grow to find our goals.

As a Managing Director I have decided to make our brand globally demanding with new technology, beter quality and services to fulfill market demand and mutual benefits to set up the bench mark in concern industry.

OUR TEAM WORKING ON A PROJECT





MANAGING DIRECTOR

The Chief Promoter Ajay Dubey (B.Sc., DME, DITM, DBM) is a qualified and experienced person having over 20 years’ experience in the industry. Through his vision and expertise, he has successfully guided the company for the last 20 years.



SKILLED STAFF

The company is well supported by skilled employees in department of sales, marketing, design, accounts, sales after service, ongoing projects as per the task given by the project co-ordinator and the management.

SKILLED ENGINEERS

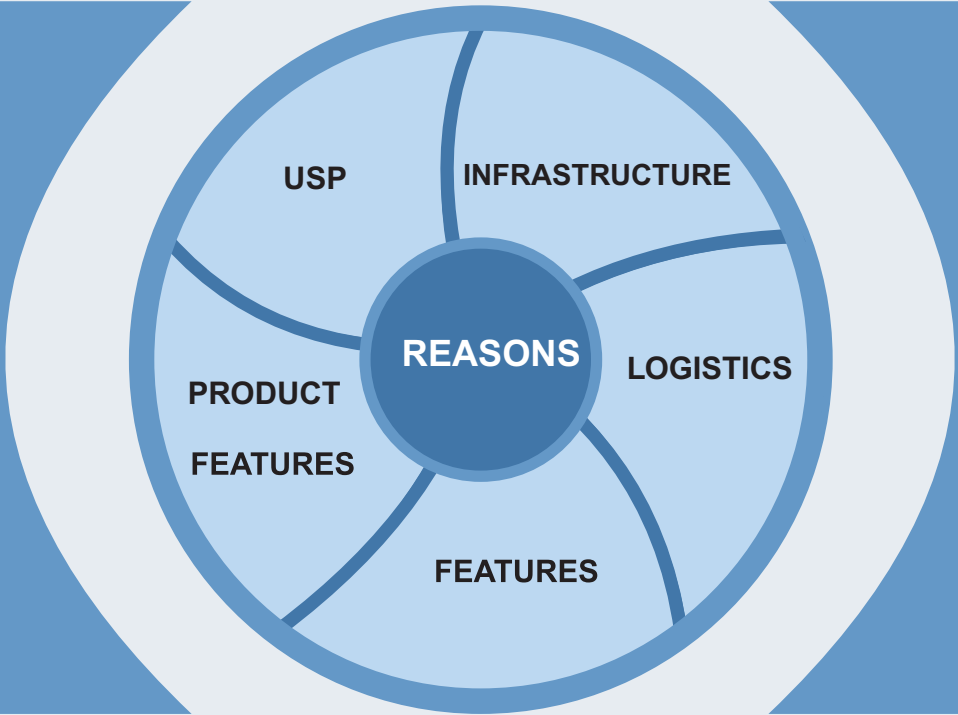
Company is well supported by skilled qualified and well trained engineers. In our major production activity, complete care is taken of by our team through out the manufacturing process like inspection of input raw material, checking of fabrication drawing , onging manufacturing process, tesing and quality check before dispatch of goods to end users.

TRAINED WORKERS

Our each onfloor workers like fiter, turner, driller, welder, and semi skilled workers are well trained to carry out the production process as per the giver drawing from design department under supervision of Production and quality engineers.



In a Crowd full of competitors,
Why should you Choose us?



1.

INFRASTRUCTURE

Quality Location + Quality Raw Materials + Quality Assurance

Quality Products

■ Locaion

The company is located in the Financial Capital of India - Mumbai with its manufacturing factory in 12,13 &14 Classic Industrial Estate, Poman Village Kaman-Bhiwandi Road. The manufacturing Near Jain Temple, Tal: Vasai, Dist.: Palghar - 401 208. Maharashtra (INDIA). Is carried out in a self-owned premises covering 10000 sq. feet area.

■ Raw Material Used

We use high grade of raw material to ensure the durability, functionality and easy operation of our products. Various Material that we use in the manufacturing process are:

- Stainless Steel-SS -304, SS- 316, SS-316L
- Mild Steel
- Aluminium
- PP/PVC/FRP
- Galvanized Iron



■ **Quality Assurance**

We keep a strict vigil on each manufacturing process. Our products passes through regular quality checks, which ensures it's performance and efficiency. Right from the procurement of raw material to the final finished product, our quality controllers ensures that only a defect free range reaches to the final desinaion.

Our quality control lab is equipped with all the necessary faciliies and tools to undertake the quality control procedures.

Different tools, which assists are:

- Manometer
- Sound level meter
- Anemometer
- Temperature measuring device
- Vibraion meter

2. **LOGISTICS**

We offer fully integrated logistics services to our clients. We also provide all types of trans- portaion services of shipments depending on the requirements of the customers. Our associaion with reliable C&F agents ensures to make delivery of heavy material lands safe.

3. **COMPANY FEATURES**

Some of the factors, which gives us a compeiive edge over other market players are:

- Premium quality products
- Capacious warehouse
- Wide distribuion network
- Compeiive prices.
- Prompt Service

4. **USP**

What specially seperates us from our compeiitors is that we provide customized soluions to our customers as per their requirements and with a Large Production Capacity at our disposal, there is no stopping us.

5. **PRODUCT FEATURES**

- High efficiency
- More air with less h.p.
- Motor drive or belt drive
- Smooth in running
- Non overloading type
- Easy in operaion
- Motor direct drive or belt drive



1. **Acid Fume Scrubbers**



We offer wide range of Industrial Fume Scrubber for removal and washing of acidic fumes laden air coming out of various industrial process. Our scrubbers are used for chemical production metal finishing, semiconductor manufacturing as well as in other operations related to generating fumes and gases. These are made of best raw materials i.e. in M.S./S.S./F.R.P. that provides them a great strength and durability and are offered to clients at the most competitive prices.

Some of the most common applications of the same are:

- Pickling
- Chrome Plaing
- Zinc Plaing
- Moulding
- Chemical Plants
- Galvanizing
- Gas/Oil Plants & Many More

It is available in the following sizes and air volume:

Sizes: 300 mm dia to 3000 mm dia

Air Volume: 3000 m3/h to 80,000 m3/h We also offer wet collectors used for separation of particulate matter having moisture from dust laden air to remove aerosols & gaseous pollutants from an air stream & air purification along with dust collecion.





2.

Axial Flow Fans

Product Details:



Minimum Order Qty.	1 Piece
Capacity (Air Volume)	900 CFM To 125000 CFM
Certification	ISO,SSI
Electric Current Type	AC
Fan Speed	960 RPM To 2800 RPM
Impeller Size	10 Inches To 82 Inches
Power	0.250hp to 100 hp
Type	Duct Mounted Fan, Wall Mounted Fan, Bifurcated Fan, V-Belt Driven Units
Voltage (V)	415,380 ,230 VOLT

Through Axial Flow Fans the Air or Gas flows parallel or in line with the impeller axis. Blow-Tech Axial Flow Fans covers a wide range of Air quantities and Pressures, and air suitable for General Ventilation, Air conditioning & Fume Extraction plants as well as special Industrial installations. All Axial Flow Fans have cast Aluminium alloy impellers with high efficiency aerofoil section blades, They are designed for an optimum relation between air quantity, pressure and power consumption.

Our wide range of Industrial Axial Flow Fans are used in tea industry and other food industry. These are designed to provide efficient trouble free service & reduce the initial and operating cost to minimum. Tubular Axial Fans Axial flow fans are designed to meet the requirements of general ventilation and air conditioning field. These are also used for exhaust in miracle mills. These are designed to provide efficient trouble free service & reduce the initial and operating cost to minimum. These 6 blade impellers are made of cast aluminum alloy. The blades are directly mounted upon the motor shaft and the impeller is aerodynamically designed.

Applications :

- Dust collection
- Material conveying
- Fume extraction
- Drying
- Ventilation purpose
- Cooling etc.

Application Areas:

- Stores
- Factories
- Offices
- Shops
- Farm buildings



2.

Axial Flow Fans

Axial Flow Fans are available from 9" to 60" having airfoil section impeller made of aluminum, M. S., S S materials in robust construction to provide maximum efficiency, less power consumption and less noise.



Axial flow Fans



Vane Axial



Belt Driven



Industrial Exhaust Fan



Bifurcated Fans

Fan Size Inches (Approx)	Speed		Motor Direct	Capacity V-Belt	Free Air Delivery		Capacities in CFM at static pressures below in WG					
	mm	RPM			Phase	CFM	5mm	10mm	15mm	20mm	25mm	35mm
12	228	1440	0.25	0.50	1&3	700						
	305	1440	0.25	0.75	1&3	1000	900	800	300			
15		2880	0.75	0.75	1&3	1600	1400	1200	1000	700		
	380	1440	0.50	0.75	1&3	2050	19550	1600	1450	950		
18	455	1440	0.50	0.75	1&3	3060	2850	2600	2250	1950		
		2880	1.0	1.5	3	5500	4500	3500	3000	2500	2000	1800
24	610	1440	1.0	1.0	3	6500	6410	5550	4680	3220		
	700	1440	2	2	3	10600	10550	10250	8200	7600	5850	
32	810	960	2	2	3	10500	9350	7600	5850			
		1440	2	2	3	16000	15400	14600	13450	12300	11400	8190
36	915	960	3		3	19500	17500	15400	12000	10000		
		1440	5	5	3	26000	24500	23100	21600	20000	19000	17500
39.5	1000	960	5	5	3	21100	19300	18150	15800	13450		
	47.5	1200	7.5	7.5	3	26600	25200	22800	17600			
52		960	10	10	3	35700	33900	32800	31000	29200	26300	18700
	1320	960	15	15	3	41200	38000	36500	34000	31000	29000	24500
60	1524	960	20	20	3	52000	48000	45000	43000	41000	39500	36500

3. Centrifugal Blowers



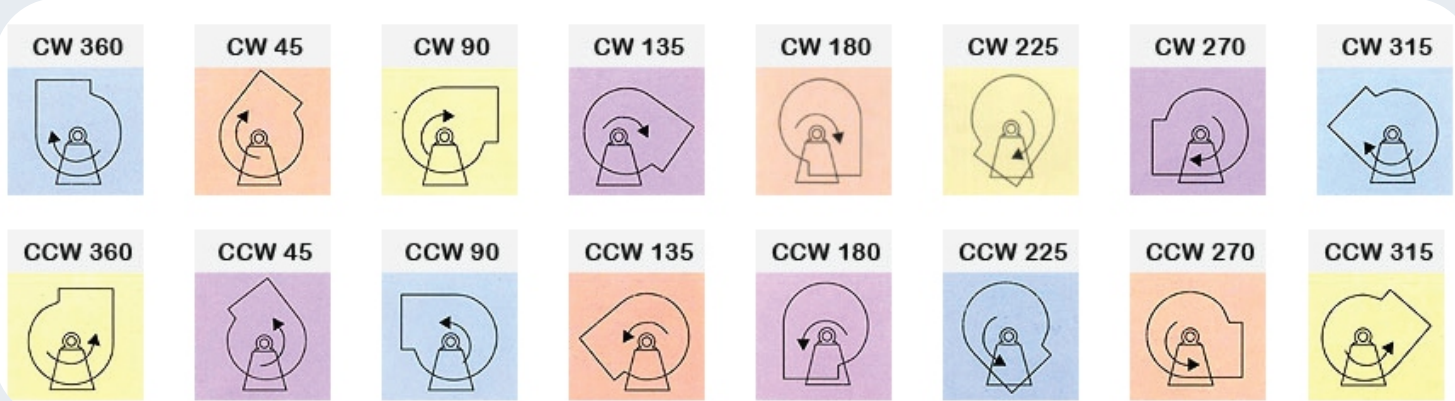
Product Details:

Minimum Order Qty.	1 Piece
Air Flow Rate	500 CFM To 125000 CFM
Blower Type	Centrifugal, SISW, DIDW & Blower
Body Material	Cast Iron, Steel, Stainless Steel, Aluminium
Power	0.25 HP To 200 HP
Speed (RPM)	960 RPM To 2800 RPM

Blowtech Engineers is one of the leading manufacturers & exporters of Induced Drat Blowers. Centrifugal blowers are manufactured upto 1,25,000 CFM and Motor rating upto 200 HP having outlet static pressure upto 45 Inches of W.G.

We Offer centrifugal blowers applicable in various industries like:

- Industrial Ventilation
- Industrial Pneumatic Conveying
- Industrial Dust Collection
- Industrial Drying
- Industrial Vacuum Cleaning Systems
- Fly Ash Handling
- Industrial Air Handling Units
- Industrial Furnaces
- Industrial Cooling & Refrigeration Systems.



3. Centrifugal Blowers

We are engaged in manufacturing a wide range of Industrial Blower, which is used for high pressure air for Burners, Furnaces and Ovens. These industrial blower are customized as per the specifications of our clients and are statically dynamically balanced for better operation.



Centrifugal Blower



Suction Blower



Heavy Duty Industrial Blower



PP FRP Centrifugal Blower



Oil Blower

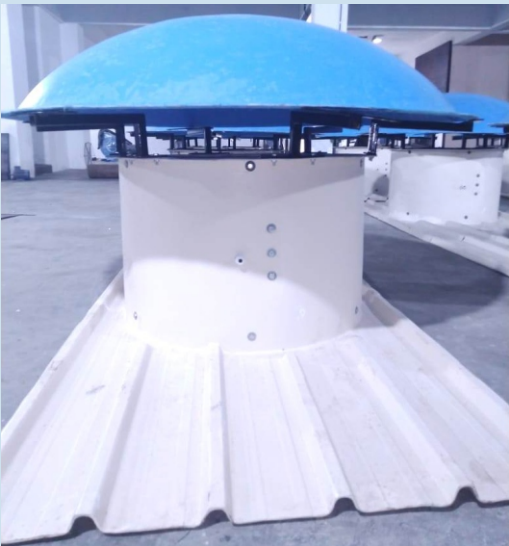
Pressure in Inches W.G.	1"	2"	3"	4"	6"	8"	10"	12"	16"	20"	24"	28"	32"	36"	42"	48"	56"
Motor H.P.	Approximate Capacities in Cubic feet per minute at N.T.P.																
1/4	750	400															
1/2	1500	800	500	400													
1	3000	1600	1000	800	675	300	250	225	150								
2	6000	3200	2100	1600	1000	650	525	460	340	280							
3	8000	4800	3140	2400	1500	1080	1000	765	530	420	320						
5	11500	7350	5150	4000	3000	1800	1600	1350	900	720	600	500					
7.5	14500	10250	7500	5500	4000	3000	2550	2000	1490	1080	900	850	720				
10	20000	13400	9750	7750	5250	4000	3250	2900	2000	1575	1300	1175	1000	925			
12.5	27500	17000	12500	9750	6750	5100	4300	3575	2475	1970	1640	1400	1230	1152	900		
15	33000	20000	15250	12000	8250	6250	5500	4300	3100	2370	2025	1700	1550	1440	1080		
20	45000	20000	19500	15400	11000	7500	6800	5500	4320	3350	2700	2400	2100	1850	1440	1150	1000
25					12500	8750	8500	7200	5400	4250	3375	3000	2550	2325	1800	1250	1250
30						10500	9500	8500	6500	5200	4050	3500	3175	2800	2250	1800	1500
40							11200	9500	7800	6500	5200	4400	3850	3300	2800	2250	1900
50								11200	9500	8000	6750	5900	5250	4600	3700	3000	2450
60									11000	9300	7900	6600	6000	5250	4350	3250	
70										10500	9000	7300	6250	5400	4675		



4. Motorized Roof Exhaust Fans

Product Details:

Minimum Order Qty.	10 Piece
Size	Dia.24 Inches & Dia.32 Inches
Material	Aluminium, Plastic, Stainless Steel, Steel
Usage	Industrial, Commercial
Brand	10 Piece
Power	10 Piece
No. of blades	6 Blades
Electric Current Type	3 Phase



BLOWTECH Developed New FRP Base Roof Exhaust Fans as per customers existing roof profile for Zero leakage and perfect fittment. This new invention in compare of Powerless Wind driven Roof Fan (Turbo Fans) works excellently to maximise the cross ventilation by 20- time compare to Powerless Fans. This Fans help us in providing the Natural ventilaion with the help of induced draft pressure inside the plant by extracting Fume,Heat, Hummidity and stale.

This New invention by Blowtech Engineers Pvt. Ltd, reduced the cost of big HVAC system of AHU,- Duct line and fresh air Grill system which are 6- times higher in cost with less output in terms of efficiency and de-hummidificaion for any working atmosphere.

We offer this fan in Diameter- 24" & 32" as per roof sheet width.

Features:

- Reliable performance
- Accurate result
- Smooth functionality



4. Motorized Roof Exhaust Fans

Specially Designed Motorized FRP Based Roof Exhaust Fans for Textile, Yarn, Fabric, Oil & Gas, Food Industries & Manufacturing Workshop for Ventilation and De-humidification.

Features of FRP BASE MOTORIZED ROOF EXHAUST FANS

- Light Weight
- Easy Installation
- Leak-proof Installation on roof
- 20 times higher efficiency compared to powerless roof ventilators
- Rigid and Robust construction

Advantages

- Efficient performance with higher efficiency (up to 83% more efficient)
- Low power consumption
- Low maintenance cost
- Maximum Air output
- Maximum covergae (Approx. 500 sq.t.)

Applications in industries as follows:

- Textile Unit
- Yarns & Fabric
- Dying Plant
- Steel Plant
- Foundry Cupola
- Food Industry
- Chemical Industry



TECHNICAL CHART & SPECIFICATION

SR.No.	Model	Size (inch)	Motor (HP/RPM)	Capacity (M3/hr)	Pressure (MMwg.)	M.O.C.
1	BTE 24	24"	1.0/1400	8,850	15	5 mm thk. FRP base with sound top casing Bird screen & canopy
2	BTE 32	32"	1.5/960	15,250	10	5 mm thk. FRP base with round top casing Bird screen & canopy



5. Cyclone Dust Collector



Product Details:

Minimum Order Qty.	1 Piece
Dust Collecion	35000 approx.

We manufactures Cyclone Dust Collector for High dust loadings in woodworking environments, High temperatures, highly abrasive dust, Sticky dusts, For Boiler, Cement industries & Concrete industries, Power, Sugar, Pharmaceutical, Agriculture, Paper & Pulp, Food, Fertilizer & Special Purpose Projects.

Our Cyclone Dust Collector operates on the principle of vortex motion where the centrifugal force is acting on each particle and therefore causes the particle to move away from the cyclone axis towards the inner cyclone wall. However, the movement in the radial direction is the result of two opposing forces where the centrifugal force acts to move the particle to the wall, while the drag force of the air acts to carry the particles into the axis. As the centrifugal force is predominant, a separation takes place.

Features of Cyclone Dust Collector:

- High efficiency
- Sturdy construction
- No moving parts
- Easy to clean
- Construction with a fully welded centre cyclone.

Some Other Pictures



Working of the machine



6. Pulse Jet Dust Collector



Product Details:

Minimum Order Qty.	1 Piece
Pollution Control	Customize
Air Flow	Up to 60,000 CFM
Filtration	Up to 5 microns
MOC	Mild Steel / SS 304/SS316/ Customized
Finish	Powder coated / Matt finish
Power option	3 Phase/Single Phase
Customization	Yes, customization available suiting your needs

Feature of Our Pulse Jet Dust Collection System:

- Cleaning mechanism allows P/J baghouses to be cleaned while the system is online.
- More complete cleaning than shaker or reverse air bag houses, lengthening bag life.
- Operates at lower pressure drops and with lower space requirements
- Versatile and flexible for many applications.
- Extremely high efficiencies for PM collection, especially for small particles
- Cost-effective when properly designed and maintained
- Modular design for convenient assembly
- Can collect other pollutants with certain fabric coating additions.
- Cleaning action is very gentle, which lengthens bag life.
- Preferred for high temperatures due to gentle cleaning action.





7. Turbine Blowers



We would like to introduce ourselves as leading Ring Blower, Vacuum Pressure Pumps, Dry Vacuum Pressure Pump Manufacturer having a widely spread network of related services under one roof with highly trained technical experience.

Additional Information:

- Port of Dispatch: Nhava Sheva Port
- Production Capacity: 100 Nos.
- Delivery Time: As Per Client Schedule
- Packaging Details: Wooden Packing

Applications:

- Water treatment plant
- Candy manufacturing
- Fish Aeration
- Printing machine
- Gas Furnace
- Knitting machine
- Pneumatic conveying
- Vacuum Liting & Hold Down
- Dust Collection
- Plating Equipments
- Dental Suction unit
- Parts Drying
- Gloves Checking
- Vacuum Loaders
- Chemical & Plating Tank Agitation
- Combustion Air Supply
- Paper trim removal.
- Air Knife Systems

Model	K.W	H.P. / 3000 rpm	Capacity M3/hr	Pressure mbar	Pressure mbar	Weight Kg	Inlet and Outlet (Inches)
BTE-25	0.18	0.25	50	60	55	14	1.00
BTE-50	0.37	0.50	90	90	85	22	1.25
BTE-75	0.55	0.75	120	125	120	25	1.5
BTE-100	0.75	1.00	200	140	130	27	1.5
BTE-150	1.1	1.50	250	155	145	36	1.5
BTE-200	1.5	2.00	300	200	165	40	2.0
BTE-250	2.2	3.00	400	225	220	49	2.0
BTE-300	3.7	5.00	700	250	245	83	2.5
BTE-350	5.5	7.50	900	270	260	100	2.5
BTE-400	7.5	10.00	1200	350	340	130	2.5
BTE-450	11	15.00	1800	400	385	170	2.5

8. Man Coolers



Product Details:

Minimum Order Qty.	1 Piece
Pressure	High, Medium and Low Pressure
Type	Tubular, Pedestal, Wall Mounting
Size	Medium, Large
Speed	960 RPM To 2800 RPM
Power	0.25 HP To 100 HP

From our extensive range of electrical products, we manufacture and export a supreme quality range of Tubular Man Cooler Fans that is provided with aerofoil type impellers. Offered in bracket, tubular and pedestal type model, these fans are suitable for Foundries, Factories & Machine shop and is used in various industries for cooling purposes and dust & hot air removal. These cooler fans are manufactured using superior grade components and pioneering technology under the guidance of our skilled professional as per industry norms. Our cooler fans are quality approved by our experts on various parameters. Further more, we offer this Tubular Man Cooler Fans in different technical specification affordable rates.

Man coolers (wall mounting, pedestal) consist of specially designed aerofoil impeller cast in aluminum alloy, coupled directly on motor shaft the motor with the impeller assembly is mounted on a cradle. Tubular Provision is made for adjusting the angle of air stream these fans are portable in nature and can be made to stand even on rough surfaces. A long Casing for the impeller system provides an effective means of canalizing air stream in any desired direction. Wall Mounting these fans can be mounted on the wall or on column to save floor space. Provision is made for varying the direction of air stream, both vertically and horizontally by providing a false ceiling head arrangement. Pedestal type the entire assembly is mounted on a steel column and fitted on the heavy base. these are portable in nature.

SR. NO.	FAN SIZE (INCHES)	Type of fan	Input Power HP	MOC	FAN SPEED (rpm)	Discharge Pressure "MM"	Capacity CFM	Phase
1	18	Stand Mounted	0.5	M.S. 10/12 Gauge with M.S. Angel Frame & Caster Wheel	1400	15	3000	3
2	24	Stand Mounted	1.0		1400	15	6500	3
3	30	Stand Mounted	3.0		1400	15	12500	3
4	36	Stand Mounted	3.0		960	15	19500	3
5.	40	Stand Mounted	5.0		960	15	22500	3



9. Kitchen Ventilation System



We are specialized in Kitchen fume extraction and Ventilation system.

The above system is incorporated with :

1. Industrial Exhaust Blower.
2. Axial flow Fresh Air Fans/ Fresh Air Blowers.
3. G.I. Ducting for Fume extraction and fresh air Input inside the kitchen premises.
4. SS.-304 Suction Hood/ G.I- 22 gauge Hoods.
5. SS.- 304/ G.I- Oil Filters.
6. Fresh Air Input /Supply Grills.
7. Suction Nylon Filters.
8. Gas Scrubber.



9. Kitchen Ventilation System

Salient Features of Our Systems are:

- **Clean Kitchen:** 100% smoke and oil will be taken care of our system, leaving your kitchen absolutely clean & idy.
- **Cold Kitchen:** Our systems are design with sufficient number of Air Changes to keep the kitchen very cool. This increases the efficiency of the kitchen staff.
- **Noise Free:** Our system works with minimum noise ensuring clear audibility among people working in that area.
- **Polluion Control:** Our systems are designed for Polluion Control as per Municipal Rules.
- **Hygienic Atmosphere:** As 100% exhaust is taken care of by our systems, the smell of non-vegetable, food is totally eliminated, there by maintaining healthy hygienic atmosphere
- **Aestheic:** Our system enhances the beauty of your kitchen.
- **Servicing:** We provide services at very nominal rated even after guarantee period.

We are specialized in complete kitchen fume extraction and ventilation system for

- Hotel kitchen,
- Commercial restaurants,
- Malls,
- Banquet Hall,
- Resorts and
- Allied industries





10. Air Washer Unit



Features:

- Best Engineering Plastic Injection Molding Body
 - UV - Resistant Cabinet Material
 - 100% Usable in Outdoor
 - Temperature tolerance from 42°C to 96°C
- Best high torque motor
 - 100% maintenance free
 - 100% dust & moisture proof
 - Serves upto 80% Electricity Bill
 - Can be used non stop upto 24 Hrs.

Airflow (m3/h)	18000 CMH
Cooling Area (sq.ft)	2500
Air Pressure (Pa)	180
Motor (V/Hz)	380V To 415V/50Hz&60Hz
Power (kw)	1.1
Phase	3
Speed	1
Fan Type	Axial
Noise (db)	73db
Water Tank (litr)	35
Net Weight (kg)	77
Overload Protecion	Yes
Dust Filter	Yes
Air Outlet Size (mm)	670 x 670
Dimension LxWxH (mm)	1100x1100x950

Working Principal and Temperature Chart

Intake Air °C	Exit Air °C	Intake Air Relaiue humidity (%)								
		10%	20%	30%	40%	50%	60%	70%	80%	90%
10		3.2	4.0	4.8	56.6	6.4	7.2	8.0	8.6	9.4
15		6.6	7.8	8.8	9.8	10.8	11.8	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						



10. Air Washer Unit

How it works

Evaporative cooling is a physical phenomenon in which evaporation of a liquid, typically into surrounding air, cools an object or a liquid in contact with it. Latent heat describes the amount of heat that is needed to evaporate the liquid; this heat comes from the liquid itself and the surrounding gas and surfaces. When considering water evaporating into air, the wet-bulb temperature, as compared to the air's drybulb temperature, is a measure of the potential for evaporative cooling.

The greater the difference between the two temperatures, the better the evaporative cooling effects. When the temperatures are the same, no net evaporation of water in air occurs, thus there is no cooling

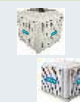
Applicaions :

- Plant or Factory
- Warehouse
- Engineering Industrial
- Leather Industries
- Prining Press
- Electronics Industry
- Showroom
- School, Colleges, Office
- Hotel & Restaurant
- Farm House
- Plasic Moulding Industry
- Paper Industries
- Canteen
- Iron Industry
- Texile Industries

Extraordinary Features & Benefits of BLOWTECH Air Washer Unit



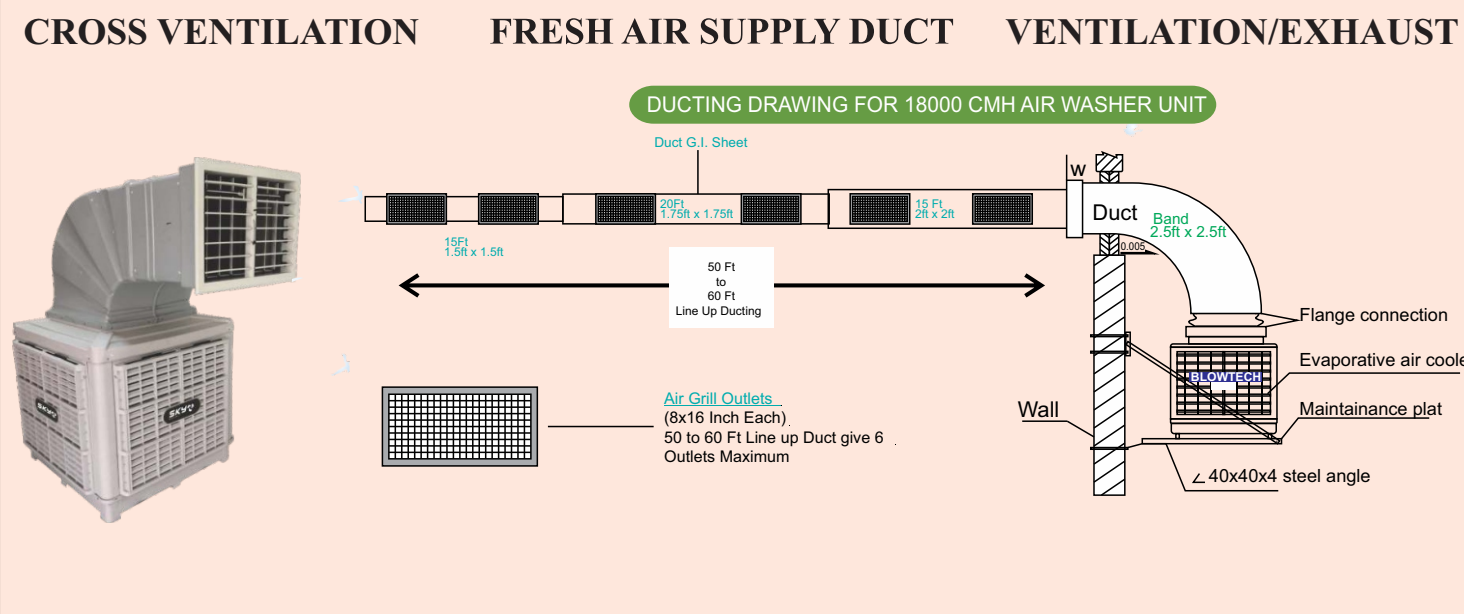
5090 Honey Comb - Cellulose Wet Pad# World's Best Quality Pads imported from Finland with Anti Bacterial Resins & 4X Longer Life than any other Pad (last upto 5 yrs.*)



4D Technology (Top & Bottom Discharge)# BLOWTECH is the only brand which gives 4D Cooler in movable & ductable Coolers.



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



11. Door Air Curtains

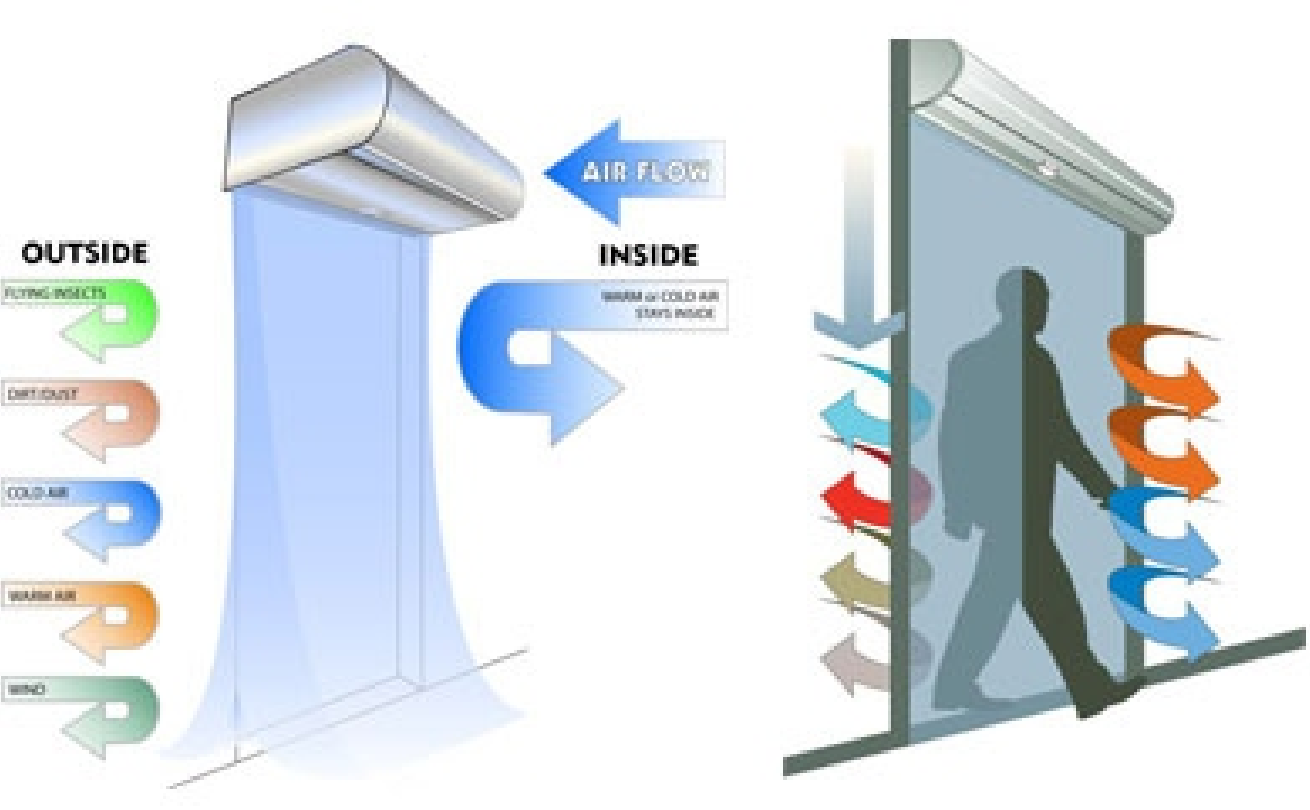


BLOWTECH ALFA MODEL-UP TO DOOR HEIGHT 8Fts.

SR. NO.	SIZE	Motor (HP/RPM)	Power Input (230/415V)	MOC	Air Velocity (M/sec)
1.	3 Feet	0.25/1400	1 & 3PH	CRCA Powder Coated/ S.S. 304	14-15
2.	1 Meter	0.25/1400	1 & 3PH		14 - 15
3.	4 Feet	0.25/1400	1 & 3PH		15 - 16
4.	5 Feet	0.33/1400	1 & 3PH		15 - 16
5.	6 Feet	0.33/1400	1 & 3PH		15 - 16

BLOWTECH "BETA MODEL" UP TO DOOR HEIGHT 12 Fts.

SR. NO.	SIZE	Motor (HP/RPM)	Power Input (230/415V)	MOC	Air Velocity (M/sec)
1.	3 Feet	0.25/1400	1 & 3PH	CRCA Powder Coated/ S.S. 304	16-17
2.	1 Meter	0.25/1400	1 & 3PH		16 - 17
3.	4 Feet	0.25/1400	1 & 3PH		16 - 17
4.	5 Feet	0.33/1400	1 & 3PH		17 - 18
5.	6 Feet	0.33/1400	1 & 3PH		17 - 18



11. Door Air Curtains



Product Details:

Minimum Order Qty.	1 Piece
Motor Power (HP)	0.25 HP To 0.33 HP
Door Size	upto 3ft, 4ft, 5ft, 6ft,
Air Velocity	<23-25 m/s, <15-17 m/s, <20-22 m/s
Noise Level	>70 dB, >80 dB, >85 dB, >75 dB

BLOWTECH "GAMA MODEL" UP TO DOOR HEIGHT 22 Fts.

SR. NO.	SIZE	Motor (HP/RPM)	Power Input (230/415V)	MOC	Air Velocity (M/sec)
1.	3 Feet	1.5/1400	1 & 3PH	CRCA Powder Coated/ S.S. 304	23-24
2.	1 Meter	1.5/1400	1 & 3PH		23-24
3.	4 Feet	1.5/1400	1 & 3PH		23-24
4.	5 Feet	2.0/1400	1 & 3PH		23-24
5.	6 Feet	3.0/1400	1 & 3PH		23-24

Blowtech Door air curtain is a fan-powered device that creates an invisible air barrier over the doorway to separate efficiently two different environments, without limiting the access of the people or vehicles. The energy saving air screen reduces heating and cooling costs by up to 80% while protecting the internal climate and increasing people comfort. It keeps the atmosphere clean from pest and insects, dust, airborne, pollution, smells, odors and stops drought and cold or hot air entrance.

Our range of Industrial Door Air Curtains that we manufacture are controlled by switch, the designing is direct ventilation. Dual airflow creates an effective air barrier. We Manufactured 3 different models & it's depend on door height:

- 1. BLOWTECH "Alfa Model"(up to door height 8 fts.)
- 2. BLOWTECH "Alfa Model"(up to door height 12 fts.)
- 3. BLOWTECH "Alfa Model"(up to door height 22 fts.)

Blowtech Door Air Curtain Advantage:

- Helps maintain adequate environment
- Reduces employee absenteeism
- Barrier against airborne dust, pollution, fumes and bad odors
- Reduces the energy losses from the conditioned space
- Reduce central plant capacity (heating/cooling)
- Reduces the CO₂ emissions □ Increase visibility and avoid collisions because there isn't a physical obstruction
- Easy evacuation through the exit doorway in case of fire or emergency
- Act as a barrier against fire smoke (special application)

Blowtech Door Air Curtain Applications:

- Factories
- Workshop
- Warehouses
- Agricultural Applications
- Schools
- Hotels
- Change Houses



12. Industrial Ventilation System



Given the Hot and humid conditions inside factories, it is imperative to maintain a healthy work environment to faster, better, efficiency and productivity. In this context, Blowtech has designed very efficient and economical system for providing cross ventilation inside the work area with products like FRP based Motorized Roof Exhaust Fans, Fresh Air Heavy Duty Axial Flow Fans, Centrifugal Fresh Air Blowers with G.I Duct Line and Floor Mounted Movable Heavy Duty Man Cooler leading to the creation of a better work environment.

Fresh Air Duct Ventilation Systems is must for indoor ventilaion. Blowtech offers the complete ventilaion system in your factory indoor process/application for totally De-humid condition by applying fresh air with Ducting, Grills and Blowers. Extensive duct-work is required for most air pollution technologies.

We have been providing rugged, cost effective duct-work for many years. We can provide duct-work to your specifications and can design a duct system to correspond with the system you already have in your facility. We can even provide various accessories like dampers to include with your duct system for better cross ventilaion in your in house activity.

TECHNICAL EVALUATION

Proper ventilations systems can be achieved with the help of proper design of the complete system by considering the Air Changes per Hours inside the plant.

Air Changes Factors for Industries:

In order to achieve the equilibrium pressure, the amount of air leaving the space and entering the space must be the same.

ACH equaion in Imperial Units : $N = \frac{60 \times Q}{\text{Volume}}$

Where :

N = Number of air changes per hr.

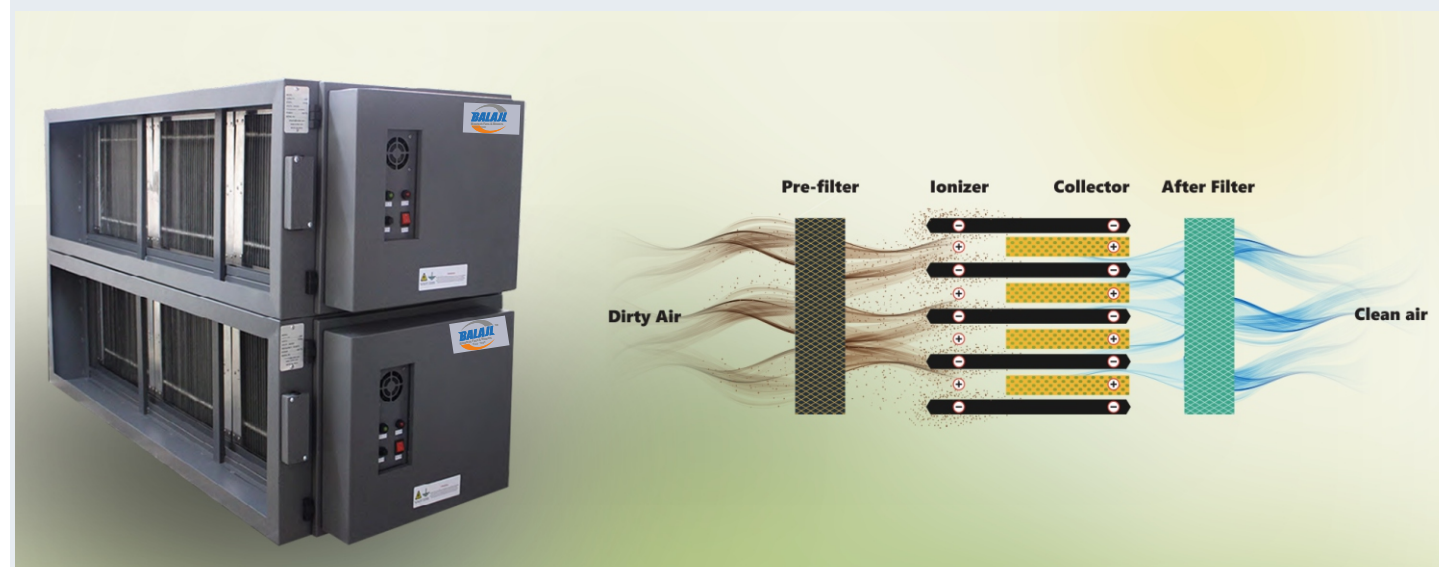
Q = Volumetric flow rate of air changes of air in cubic feet per minute (CFM)

Volume = Space volume L x W x H, in cubic feet

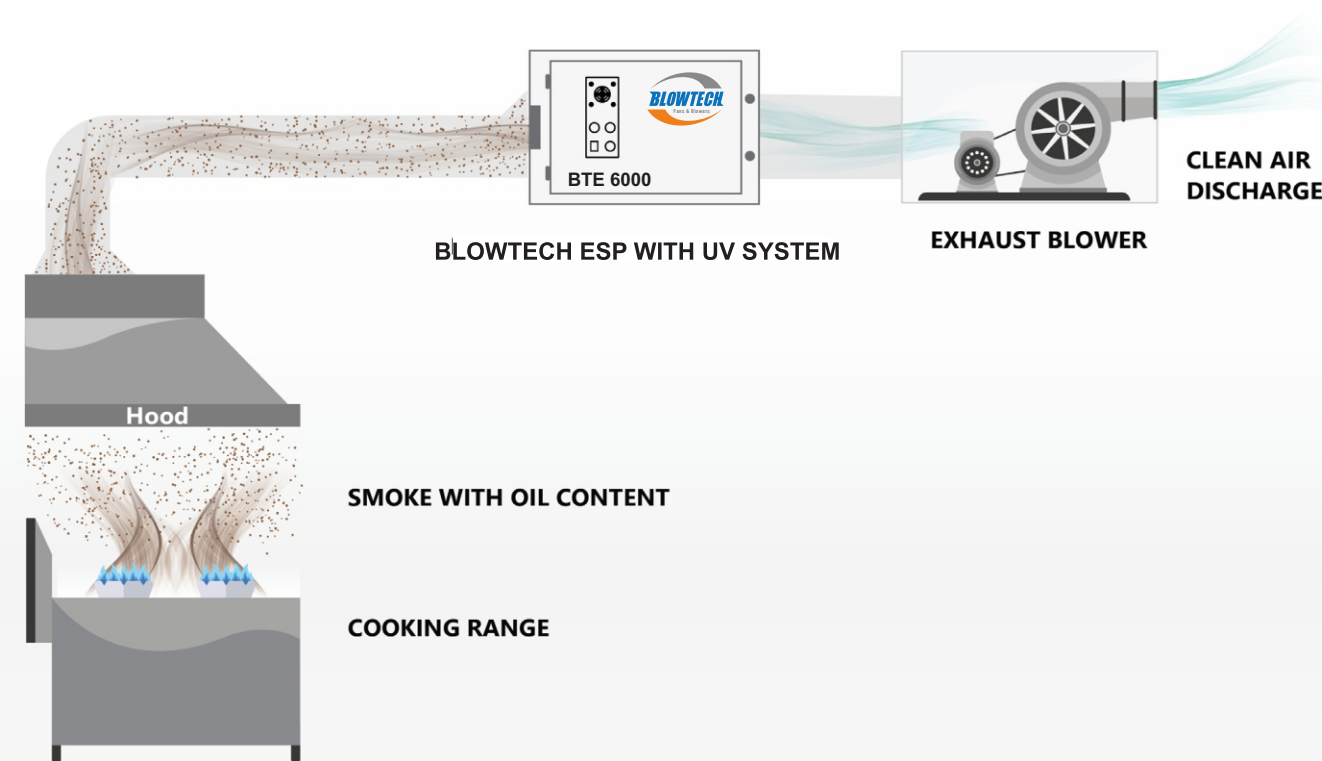
Air Changes Rate For Textile & Working Industries :

Mills, Textile Buildings	: 6
Mills, Textile Dye Houses	: 15 - 20
Mills & Yarns	: 15 - 20
Factory, Fumes and Moisture	: 10 - 15 (Air Changes)
Foundry	: 15- 20

13. Dry Scrubber for Kitchen Fume Neutralization



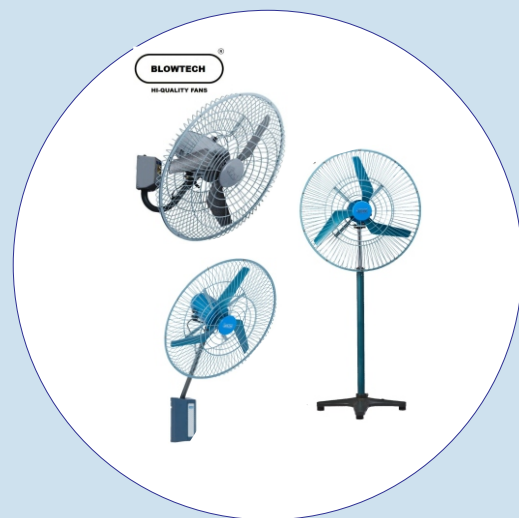
TYPICAL ESP INSTALLATION IN COMMERCIAL KITCHEN



Description	Dry Scrubber	Dry Scrubber	Dry Scrubber
Model	BTDS 3000	BTDS 4500	BTDS 6000
Application	For Kitchen Fume Exhaust	For Kitchen Fume Exhaust	For Kitchen Fume Exhaust
Capacity	3,000 CFM	4,500 CFM	6,000 CFM
St. Pressure	100 Pascal	100 Pascal	100 Pascal
Voltage	220 Vac+/-10%, 50 Hz	220 Vac+/-10%, 50 Hz	220 Vac+/-10%, 50 Hz
Dimension	H:515 mm W:695mm L:1280 mm	H:515 mm W:695mm L:1850 mm	H:515 mm W:695mm L:2410 mm
Efficiency	Up to 95%, meets NIOSH 5026 Oil Mist Test	Up to 95%, meets NIOSH 5026 Oil Mist Test	Up to 95%, meets NIOSH 5026 Oil Mist Test



14. Air Circulators



Product Details:

Minimum Order Qty.	1 Piece
Impeller Size	18 Inches To 36
Type	Wall Mounted / Pedestal Fan
Power	100 Watts To 746 Watts
Capacity (Air Volume)	12000M3/Hr To 39000 M3/Hr
Fan Speed	1440RPM

These Pedestal Fans are designed to place on the shop floors. The cast aluminum alloy, statically and dynamically balanced impeller of high efficiency aerofoil section blades is mounted directly on the motor shaft with suitable, sturdy protection guards and mounted on the steel pipe with motor base plate. The Wall Mounting Fans are suitable for mounting at higher elevation in the wall or stanchion to avoid the occupation of door space. These fans are mounted on steel pipe with suitable holes in the base plates for heavy duty Motors.

We ensure to provide clients with the best range of Air Circulating Fan. These Air Circulating Fans have non corrosive housing and based on advanced working principle. The Air Circulating Fan that we offer ensures efficient performance for longer time.

Highlights :

- Longer service life
- Non-corrosive housing
- Cost effective
- Low noise operations

SR. NO.	FAN SIZE (Inches)	Type of fan	Input Power (watts)	FAN SPEED (rpm)	Discharge Pressure (Mtr.)	Capacity (M3/hr.)	Weight (Kg.)
1	18	Wall mounted	100	1400	5	12000	13
2	18	Pedestal	100	1400	5	12000	20
3	24	Wall mounted	190	1400	10	18000	18
4	24	Pedestal	190	1400	10	18000	27
5.	30	Wall mounted	350	1400	15	30000	23
6	30	Pedestal	350	1400	15	30000	34
7	36	Wall mounted	490	1400	20	39000	31
8	36	Pedestal	490	1400	20	39000	42

15. FRP Acid Storage Tank



Product Details:

Minimum Order Qty.	1 Piece
Size (L x W x H)	CUSTOMIZED
Storage Material	Water, Waste, Chemicals/Oils
Capacity	500-20000 Liters
Features	Level Indicator Equipped, Vertical Orientation, Leg Support, Horizontal Orientation, High Temperature Resistant

FRP (Fibreglass Reinforced Plastics, also known as Glass Reinforced Plastics) is a modern composite material of construction for chemical plant equipment like tanks and vessels. Chemical equipment that range in size from less than a metre to 20 metres are fabricated using FRP as material of construction.

BLOWTECH FRP storage tank made of FRP has an inlet an outlet, a vent, an access port, a drain and an overflow nozzle. However, there are other features that can be included in the tank. Ladders on the outside allow for easy access to the roof for loading.

Our FRP Tank Designed are widely used in the chemical industry in the following sectors: Chemical Plants (agro chemicals, chemicals for pharma industries, organic / inorganic chemicals, Dyes, Intermediates, Speciality Chemicals etc.), Chlor-Alkali Manufacturers, Fertilizer, Wood Pulp and Paper, metal extraction, refining, electroplating, brine, vinegar, food processing, and in air pollution control equipment, especially at municipal waste water treatment plants and water treatment plants.

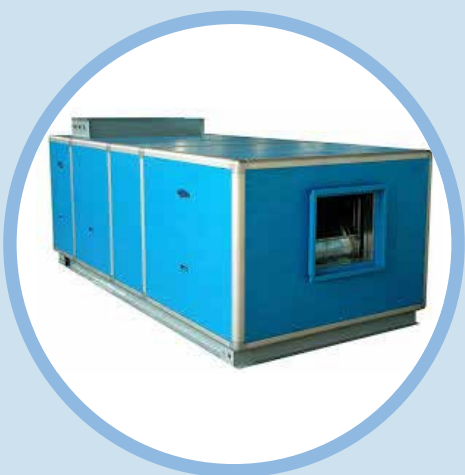
BLOWTECH FRP Storage Tanks Advantage:

- Good Chemical and Weather Resistance
- Light Weight & Reasonable Price
- Good Insulating Qualities Resistant to corrosion
- Easy Maintenance & High Temperature
- Provides Less Down Time
- Easy to Handle & Sturdy in Construction
- Offers Easy Installation





16. Air Handling Unit



Minimum Order Qty.	1 Piece
Cerificaion	ISO,SSI,CE
Type	Double Skin
Automaic Grade	Yes
Size	Small, Large, Medium
Capcity	500 CFM To 125000 CFM

Blowtech Engineers delivers high quality Industrial Air Handling Unit , AHU's, that are reliable, engineered to the highest standards and affordable. Our range of Air Handling Units are designed to create a symbiosis of heat, ventilation and air filtration. The result is a perfectly balanced environment for people and industry.

Features:

- Maintenance free
- Precisely engineered
- Long working life
- CHW coils
- Weatherproof & Removable Panels
- BLOWTECH Air Handling Unit Available IN rated - Exe, Exd, ExnA, Extd & ATEX for Hazardous location
- Adoptable to a wide range of applications such as pharma, Food Industries, Clean Rooms, Comforts & process
- Quiet, Vibration Free, Easy to install & Service
- High Static fan for high efficiency filters



Some other clients we do regular work with :

DOMESTIC

NTPC Limited
JSW Steel Limited
BARC
National Fertilizer Limited
Deepak Fertilizer
Bhushan Steel Limited
Patanjali Ayurveda Limited
ACC Cement Limited
Hindustan Pencil Limited
Hindustan Aeronautics Limited
ESSAR Construction Limited
J. K. Files Limited

INTERNATIONAL

Quality Wire Products Co. W.L.L - Bahrain
Gulf Petrochemicals Services and Trading LLC , Oman
ATEC Construction, Abu Dhabi
Arabic Enertec Tnc. - Kuwait
Nyanza Botling Co. LTd. - Tanzania
Vasundhara Malaysia Sdn. Bhd. - Malaysia
PRAN Agro - Bangladesh
Catholic Diocese Of Madang - Austria
Petrolin Comapny - Greece
Caravan Industries Advertising Mfg. - Saudi Arabia
Muscat Electronic LLC. - Oman



CLIENTS



We have more than 800 international and domestic regular clients who are satisfied with our quality, reasonable price, service and durability.

For us our clients and customers come first, we give our 100 % to deliver highest quality products and making sure our customers are satisfied everytime

Here our some of the worldwide well known companies who take our services on a regular basis:



Raymond Limited.



Siemens India Ltd.



Pepsi India Holding Pvt. Ltd.



Hawkins Cookers Limited



Castrol India Limited



Times of India Suburb Press Ltd.



BARC, Trombay



BLOWTECH ENGINEERS PVT. LTD.

(An ISO:9001:2015, SSI & MSME Regd. Company)

Air Pollution Control Technology
Manufacturers & Exporters

Regd. Office & Factory

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