



# **BLOW-TECH** Engineers



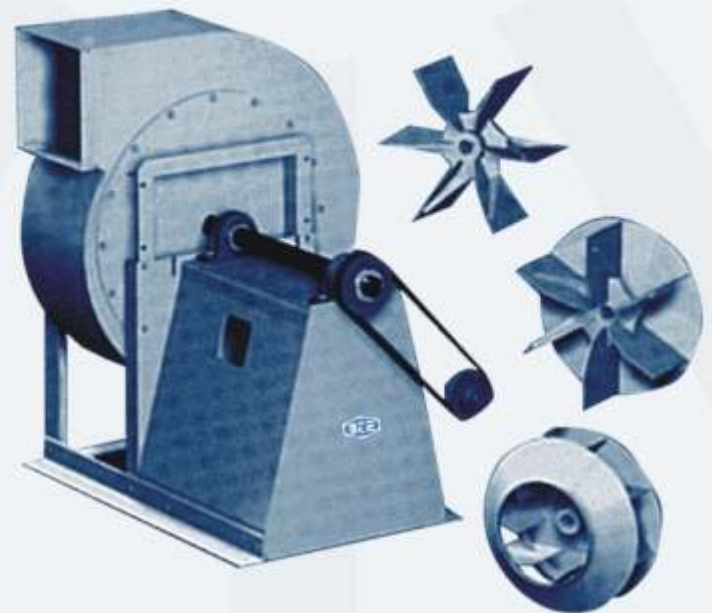
**Centrifugal Blowers**



**Tube Axial Fans**



**Man Cooler**



**Heavy Duty Belt Driven Blower  
& various Impeller**

## **Manufacturers of :**

Centrifugal Blowers, Turbine Blower, Tube Axial Flow Fans, Exhaust / Ventilation Fans, Man Cooler, Pedastal Fans, Dust Collector, Acid Fume Scrubber, Air Curtains, PP / PVC / FRP Tanks, Hoods, G.I. / S.S. / Al. Ducting & Fabricators.

## Tube Axial Fan Technical Chart

Fan Size Inches (approx)	Speed		Motor Direct Drive	Capacity (HP)			Free Air Delivery CFM	Capacities in CFM at static pressures below in WG									
	mm	RPM		Drive	Drive	Phase		5mm	10mm	15mm	20mm	25mm	35mm				
9	228	2880	1/4		1												
12	305	1440	1/4	1/8	1	1000	900	800	300								
		2880	340*	½	1&3	1600	1400	1200	1000	700							
		2880	½	½	1&3	1900	1500	1350	1200	1000	600						
15	380	1440	½	1/8	1	2050	1950	1600	1450	950							
18	455	1440	340*	½	1&3	3060	2850	2600	2250	1950							
		2880	½	1 ½	3	5500	4500	3500	3000	2500	2000	1800					
		1440	1	1 ½	3	6500	6410	5550	4680	3220							
24	610	1440	2	3	3	10600	10550	10250	8200	7600	5850						
27.5	700	1440	2	3	3	10600	10550	10250	8200	7600	5850						
		960	1 ½	1 ½	3	10500	9350	7600	5850								
		1440	3	5	3	16000	15400	14600	13450	12300	11400	8190					
36	915	960	3	3	3	19500	17500	15400	12000	10000							
		1440	5	7 ½	3	26000	24500	23100	21600	20000	19000	17500					
		960	3	3	3	21100	19300	18150	15800	13450							
39.5	1000	960	3	3	3	21100	19300	18150	15800	13450							
47.5	1200	720	5	5	3	26600	25200	22800	17600								
		960	7 ½	7 ½	3	35700	33900	32800	31000	29200	26300	18700					

\* Indicates input watts of Motor.

## Blower Technical Chart

Pressure in Inches W.G.	Approximate Capacities in Cubic feet per minute at N.T.P.																
	1"	2"	3"	4"	6"	8"	10"	12"	16"	20"	24"	28"	32"	36"	42"	48"	56"
Motor H.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	10500	7800	6500	5200	4400	3850	3300	2800	2250	1900
50								12000	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		

Material of Construction:

M.S., Stainless steel of various type, Aluminium, PP/PVC, FRP Coated.

## Turbine / Vacuum Blower



## Technical Specification

Model	Capacity M3 / Hr	Pressure Mbar	Vacuum Mbar	Motor HP / KW	Weight KG
BTE-25-2/1	25	120	100	0.25/18.5	14
BTE-50-2/1	45	145	125	0.5/0.37	17
BTE-75-2/1	75	230	180	0.75/0.56	23
BTE-100-2/1	100	225	200	1/0.74	25
BTE-150-2/1	125	280	220	1.15/1.12	28
BTE-200-2/1	150	340	300	2/1.5	35
BTE-250-2/1	200	360	320	3/2.20	45
BTE-300-2/1	290	380	340	5/3.5	55
BTE-350-2/1	325	450	400	7.5/5.57	65
BTE-400-2/1	425	600	500	10/7.50	90
BTE-450-2/1	675	700	550	15/11.25	120
BTE-500-2/1	800	800	700	20/14.8	135

### Salient Features

- ▶ No lubrication is required since there is no friction and hence the air is absolutely oil free.
- ▶ Practically nil maintenance cost.
- ▶ Extremely compact units and can be mounted inside the machines.
- ▶ Silencer ensures low noise level.

## Pedestal Fan



## Air Curtain



## Technical Specification

	Model	Dimensions L x H x W mm	Power Consumption watts
OHV	3ft.	900 x 250 x 225	150 (230 V1 Phase)
	1m.	1000 x 250 x 225	150 (230 V1 Phase)
	4ft.	1200 x 250 x 225	150 (230 V1 Phase)
	5ft.	1500 x 250 x 225	150 (230 V1 Phase)
EOHV	3ft.	900 x 270 x 300	250 (415 V3 Phase)
	1m.	1000 x 270 x 300	250 (415 V3 Phase)
	4ft.	1200 x 270 x 300	250 (415 V3 Phase)
	5ft.	1500 x 270 x 300	250 (415 V3 Phase)
IB	3ft.	900 x 350 x 310	250 (415 V3 Phase)
	1m.	1000 x 350 x 310	250 (415 V3 Phase)
	4ft.	1200 x 350 x 310	250 (415 V3 Phase)

## Kitchen Hoods with Filter & Ducts



## Fume Scrubber

## PPGL / FRP Blower



## PP/PVC/FRP Acid Tanks



### Application :

Our Products are extensively used in Industrial Furnaces, Hotels, Chemical Process Plant, Textile Mills, Boilers, Foundry, Cupalas, Cement Plants, Leather And Paint Industries, Glassblowing, Pharmaceuticals, Electroplating Plants, Gem & Jewellery Plant, Diamond Units, Wafers & Namkeen Industry, Medical, Printing & Paper Handling, Vacuum Packaging, Plastic Industries, Air pollution Monitoring Equipments and Allied Industries.



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