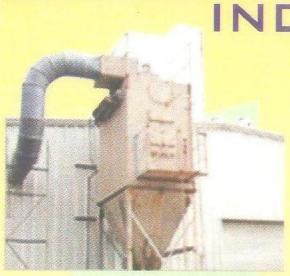
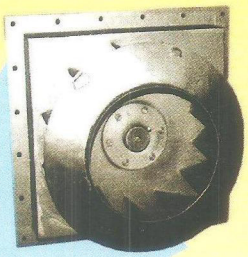
AIR FANS

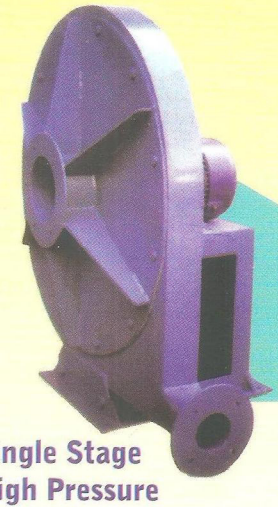
INDUSTRIAL BLOWERS



Bag Filter



Hot Air Circulation Fan



Single Stage High Pressure Centrifugal Fan

DIDW Fan

Centrifugal Fan, SISW, I. D., F. D., SA Fan

Tube Axial Fan

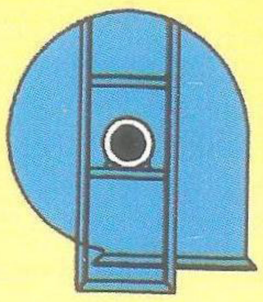
Man Cooler Fan

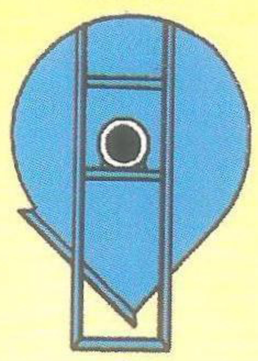
TECHNICAL SPECIFICATIONS

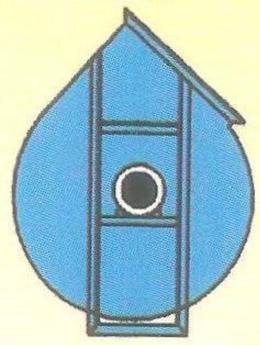
PRESSURE IN INCHES W.G.	1"	2"	3"	4"	6"	8"	10"	12"	16"	20"	24"	28"	32"	36"	42"	48"	56"
MOTOR H.P.	APPROXIMATE CAPACITIES IN CUBIC FEET PER MINUTE AT N.T.P.																
1/4	750	400															
1/2	1500	800	500	400													
1	3000	1600	1000	800	675	300	250	225	150								
2	6000	3200	2100	1600	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	1150	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		

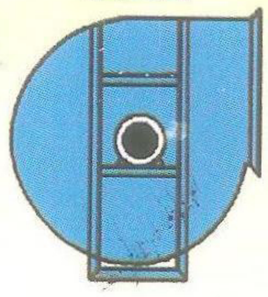
Manufacturers of : Centrifugal Blowers, I. D., F. D. SA Fan, Tube Axial Fans, Man Cooler Fan, Air Washer, Ventilation Systems, Exhaust Systems, Dust Collection Systems, Multi Cyclone, G.I./S.S./M.S Ducting Etc.

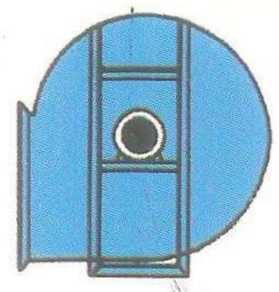
AIR FANS

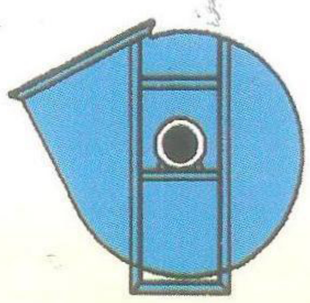


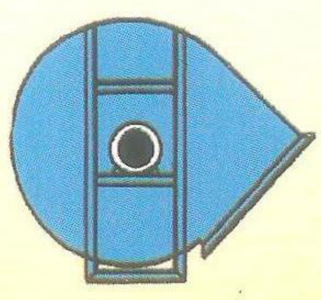


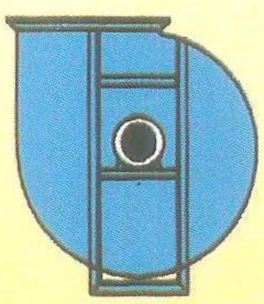












APPLICATION AND RANGE

AIR FANS is leading manufactures of a complete line of Fans Low, Medium, high pressure Blower for wide Range of air and gas application i. e., Boilers, Industrials Furnaces, Ventilation Systems, Fume extraction systems, Water treatment and in many other applications

Range is available from 0.25 HP to 300 HP and capacity 100m3/hr to 2,00,000m3/hr suitable for 50mm WG to 1250mm WG pressure in single stage and upto 2500mm WG in multistage construction.

CENTRIFUGAL FAN CONSTRUCTION

Centrifugal fans are totally designed and construction is efficient in performance. Our high efficient designs ensure better result with minimum power consumption, it is specially for dust extraction, Pneumatic conveying and with suitable mechanical construction.

The fans are available in direct drive and V Belt drive arrangement. Direct drive impeller directly mounted on the motor shaft and in Belt driven Impeller mounted on the separate shaft supported on the two ball bearings and shaft is driven with V-Belt.

Fans are available in Mild steel, Stainless Steel of various grades. And aluminum riveted construction & PVC materials various protective coatings of epoxy or Polyurethene and lingings of FRP, rubber and Teflon are also provided.

Centrifugal Fan Impellers are statically and dynamically balanced after fabrication. Cast Iron hub is bolted to the Impeller. All the Fans are tested for performance as per IS 4894 standard.

TEST ON THE FAN

Test of the fans are designed to determine the volume flow rate and pressure they deliver, as well as electrical data and the noise level in order to establish their characteristic curve.

GRAPHIC REPRESENTATION OF THE TEST

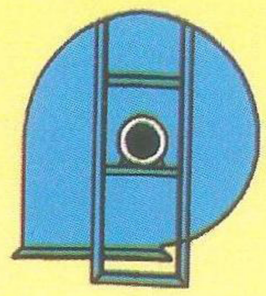
The characteristic of fan is obtained by plotting the conjunction of the values obtained from the test on two axis co-ordinates. This curve will represent all the possible points of operation of the fan. On any characteristic curve depicted we can see how the volume flow rate (V) depicted on the x-axis decreases as the static pressure (P) increases, on the y-axis, with a maximum volume flow rate being obtained when static pressure is 0. Which know as free delivery volume flow rate. We can therefore see that the volume flow rates provides us graphically with the volume flow rates, it can develop depending on the pressure required.

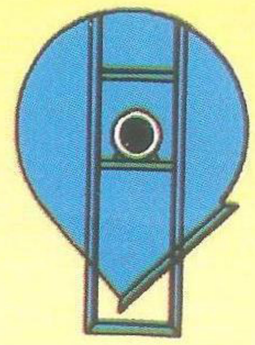
GUARANTEE

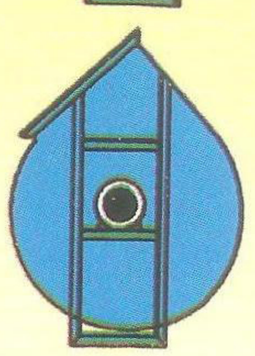
AIR FANS has made a name for itself by suppling lot of fans in various industries and applications proves the confidence in **AIR FANS**

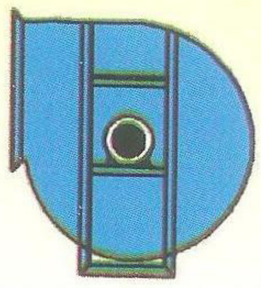
NOISE LEVEL TEST

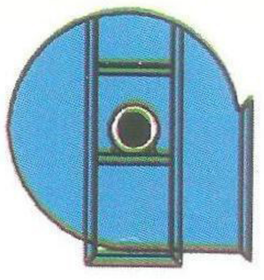
As a result of the displacement of air the movement of the impeller at a given speed, the fan makes a specific noise. The values are determined by using measurements of the sound power. Level obtained a free field, and are expressed.

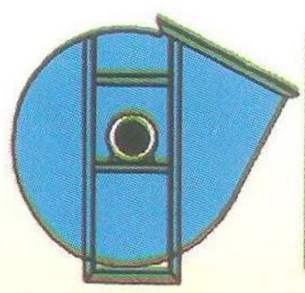


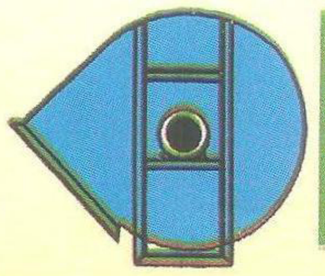


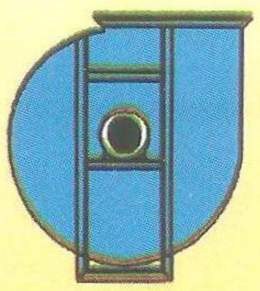












Our Other Products : Tube Axial Flow Fans, Cyclone Separators, Man Coolers, Air Washer Ventilation & Pressurisation System, Fume Extraction Systems, Scrubbers, Dust Collectors.

AIR FANS

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