

Pressure Blowers

High Pressure Blowers / Low Volume Blowers:

These Blowers are used where application of the Blower is to produce pressure in the working medium. Shree Udyog provides a wide range of pressure blowers that have volumetric displacement of ranging from 200 to 5000 m³/hr. and producing pressure from 125 to 1,200 mm wgp. Blowers supplied by us are manufactured using superior quality raw material. The materials of construction for these blowers are Mild steel, Stainless Steel and Cast Iron.

Application:

- ▶ Filtration
- ▶ Dust extraction
- ▶ Fume extraction
- ▶ Particle extraction.
- ▶ Long distance ventilation.
- ▶ Pneumatic Conveying Systems
- ▶ Smoke abatement
- ▶ Combustion (in foundries and furnaces)
- ▶ Material / Waste Blow off
- ▶ Pressurisation of System



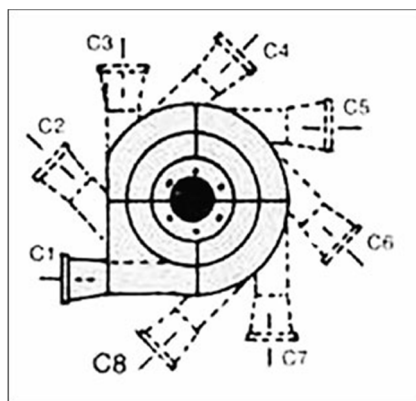
Range:

- ▶ Air Flow (Volume) :200 to 5,000 m³/hr.
- ▶ Pressure : 125 to 1,200 mm wgp.

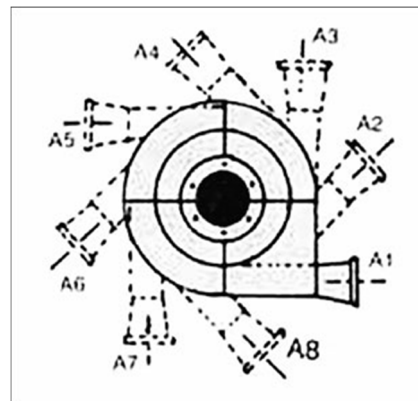
Centrifugal Blowers selection chart

Pressure 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	12000	7500	5500	4000	3000	2550	2000	1490	1080	300	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	1400	1080	...	...
20	45000	20000	19500	15400	11000	7500	6800	5500	4320	3350	2700	2400	2100	1750	1440	1150	1000
25	70000	40000	25000	20000	12500	8750	8500	7200	5400	4250	3375	3000	2550	2325	1800	1250	1250
30	80000	50000	30000	25000	18000	10500	9500	8500	6500	5200	4050	3500	3175	2800	2250	1800	1500
40	100000	75000	45000	35000	23000	18000	11200	10500	7800	6500	5200	4400	3850	3300	2800	2250	1900
50	120000	80000	55000	40000	30000	22000	18000	12000	9500	8000	6750	5900	5250	4600	3700	3000	2450
60	140000	100000	75000	55000	38000	28000	22000	18000	11000	9300	7900	6600	6000	5250	4350	3250	...
75	160000	132000	90000	65000	45000	34000	27000	22000	16000	10500	9000	7300	6250	5400	4675	...	...
100	180000	160000	120000	85000	60000	46000	37000	28000	25000	18000	15000	12000	11000	10000	8000	...	...
120	200000	180000	140000	110000	70000	55000	45000	30000	30000	24000	20000	15000	13000	11500	9000	...	...
150	262000	230000	160000	120000	80000	60000	52000	40000	35000	30000	25000	20000	15000	12500	11000	...	...



**Clockwise direction of rotation
(Viewed from suction end)**



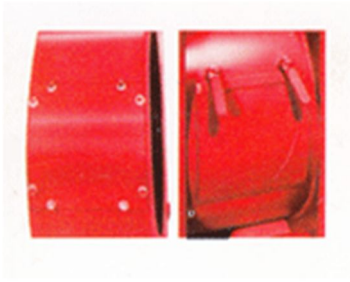
**Anti-Clockwise direction of rotation
(Viewed from suction end)**

How to order:

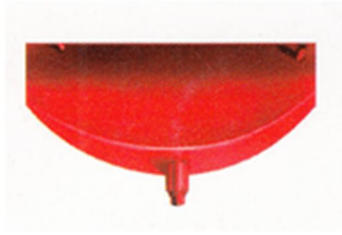
When sending an enquiry kindly specify the following:

- ▶ Volume of air to be displaced (units: m³/hr. | c.f.m.)
- ▶ Total static pressure. Please specify pressure to be considered at working conditions or NTP. (units: mm of wgp | inches of wgp | mm of Hg | inches of Hg)
- ▶ Temperature or humidity conditions.
- ▶ Direction of rotation from while viewing from suction end.
- ▶ Direction / Position of discharge. (refer direction image, In case the direction/position is not specified we will supply the fan with clockwise direction of rotation and C1 discharge position.)
- ▶ Cross section of discharge (round | Square | rectangular)

Spares Offered



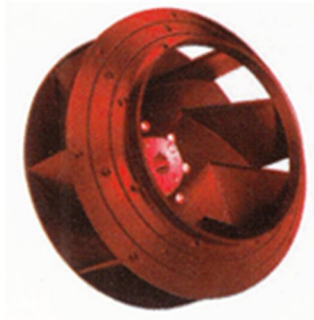
Inspection Door



Drain Plug



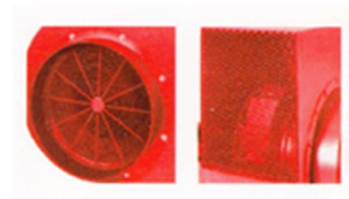
Filter



Impeller



Silencer



Suction & Discharge guard