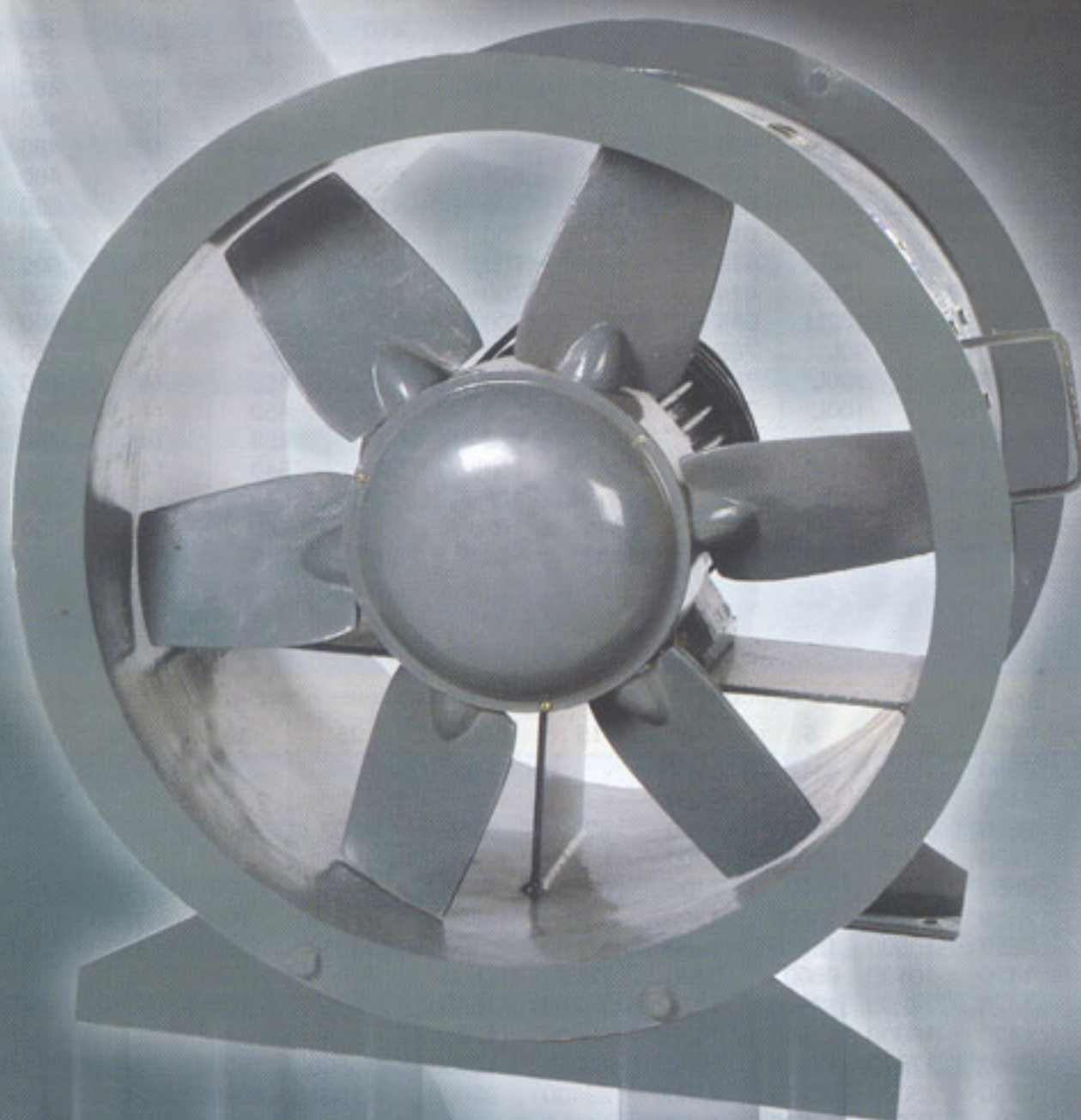




Heavy Duty Fans @ Light Duty Prices[®]
Powervent

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AXIAL FLOW

FANS

The **Powervent** Axial Flow Fan has been specially designed for removal of dust and fumes in work places where, due to long ducts, system-resistance is high and other conventional Exhaust Fans will not serve the purpose.

The basic functions of ventilation and air-conditioning are effectively performed by Axial Flow Fans, especially in industrial process system, crop drying, mines and ships.

Quality : The **Powervent** Axial Flow Fan is manufactured with components of proven quality. The concept of quality circle has been integrated with a full-proof quality assurance system, production techniques and rigorous in-stage inspection.

Power : The **Powervent** Axial Flow Fan is driven by motors of high efficiency. The motors are capable of withstanding voltage fluctuation and rigorous duty requirements in hot and humid conditions.

Range and Duty : The **Powervent** Axial Flow Fan is present in single-stage, double-stage, contra-rotating and multiple-stage. The volume of air can be controlled by switching off some of the fans running in series. The **Powervent** Axial Flow fulfills a wide range of requirements - large volumes, high pressure, quietness, high temperature, wet conditions are all catered for. Whether the duty is air-conditioning or cooling sophisticated electronic equipment, there is a **Powervent** Axial Flow Fan for the purpose.

The fans can be mounted in various ways - horizontal, upward, downward. The variety also lies in long and short casings, bifurcated type and belt driven type.

Dimensions



Impeller Dia.		Motor Frame	A	B	C	D	N	P	X	Y	K	L
inch	mm		mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
15	380	80	385	435	471	410	245	12	380	330	10	8
15	380	90L	385	435	471	410	245	12	380	330	10	8
19	482	80	485	535	571	410	335	12	480	430	12	8
19	482	90L	485	535	571	410	335	12	480	430	12	8
19	482	112M	485	535	571	470	335	12	480	430	12	8
19	482	132S	485	535	571	525	335	12	480	430	12	8
24	610	80	614	664	700	410	355	14	600	500	12	8
24	610	90L	614	664	700	410	355	14	600	500	12	8
24	610	100L	614	664	700	470	355	14	600	500	12	8
24	610	132S	614	664	700	525	355	14	600	500	12	8
24	610	132M	614	664	700	525	355	14	600	500	12	8
30	760	90L	765	817	853	470	450	14	750	650	14	8
30	760	100L	765	817	853	525	450	14	750	650	14	8
30	760	100L	765	817	853	525	450	14	750	650	14	8
30	760	132S	765	817	853	600	450	14	750	650	14	8
36	914	112M	920	984	1028	525	540	14	900	750	14	8
36	914	132M	920	984	1028	600	540	14	900	750	14	8
36	914	132M	920	984	1028	600	540	14	900	750	14	8
48	1220	132M	1225	1293	1337	600	710	17	1200	1050	17	8

Performance Chart

Impeller Dia.	Motor			Speed (rpm)	AIR DELIVERY in CMH at different static pressures in mm/ wg								(Density 0.075 lb / ft³)	
mm	Frame	Kw	HP		FID	5	10	15	20	25	30	40	50	
300	71	0.37	0.5	2850	4500	4150	3900	-	-	-	-	-	-	
380	80	0.75	1	1420	3220	2550	2000	-	-	-	-	-	-	
380	80	0.75	1	2800	5300	5050	4900	4700	4550	4200	3500	-	-	
482	80	0.75	1	1420	7500	7000	6200	-	-	-	-	-	-	
482	90L	1.50	2	2850	8500	8100	7100	6950	6600	5800	4600	-	-	
482	112M	3.70	5	2850	13800	13600	13400	13250	13200	12700	12000	1200	10100	
482	132S	5.50	7.5	2850	16000	15750	15500	15200	14900	14350	13500	12250	11500	
610	80	0.75	1	1420	10100	9600	8700	7800	6500	-	-	-	-	
610	90L	1.50	2	1420	14200	13500	12700	11700	10500	-	-	-	-	
610	100L	2.20	3	1420	16000	15500	14250	13000	12200	-	-	-	-	
610	132S	5.50	7.5	2850	17500	17000	16500	16250	16000	15500	15000	14500	14000	
610	132M	7.50	10	2850	23000	22750	22600	22400	22000	21500	20900	20000	19500	
760	90L	1.10	1.5	950	15500	14500	13500	-	-	-	-	-	-	
760	100L	1.50	2	950	17500	16000	15200	-	-	-	-	-	-	
760	100L	2.20	3	1425	20000	19300	18600	17700	16500	15300	13800	-	-	
760	132S	5.50	7.5	1425	30000	29500	28000	27300	26000	24800	23250	-	-	
914	112M	2.20	3	950	27000	25000	23800	23000	22000	-	-	-	-	
914	132M	5.50	7.5	950	43000	41250	40000	38000	36500	33000	-	-	-	
914	132M	7.50	10	1425	38000	37100	36100	35200	32500	31100	28000	24200	20000	
1220	132M	5.50	7.5	950	40000	39000	37500	36500	34000	32000	29000	22000	-	

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Since continuous development for improvements is a way of life with us, the product supplied may differ in minor details from what has been described in this leaflet