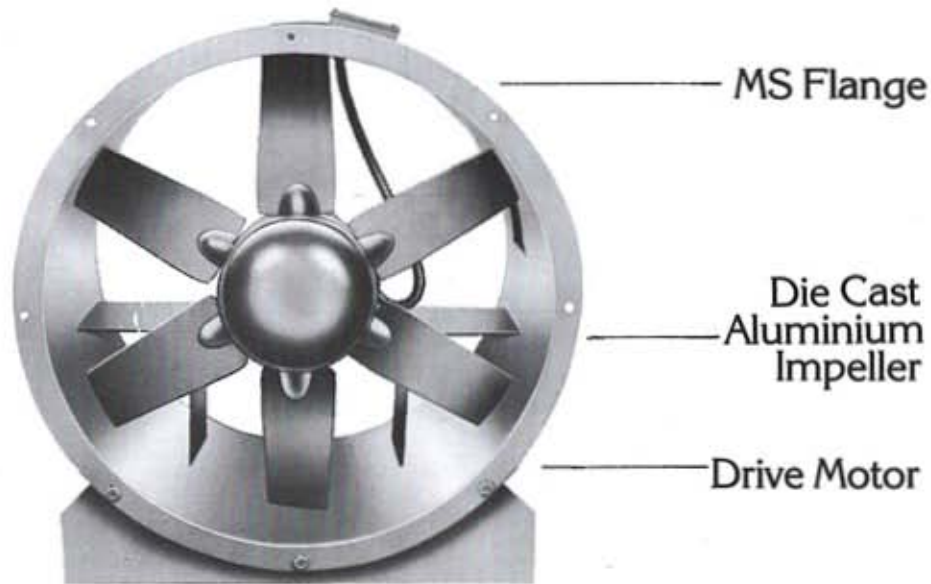


e.p.c.

AXIAL FLOW FAN





The EPC 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 Fan, especially in industrial process system, crop drying, mines and ships.

Quality :

The EPC 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 technique and rigorous in-stage inspection.

Power :

The EPC 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 condition.

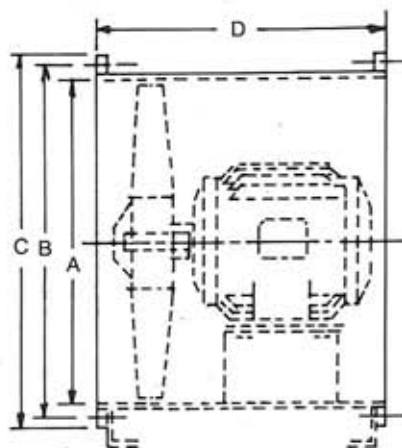
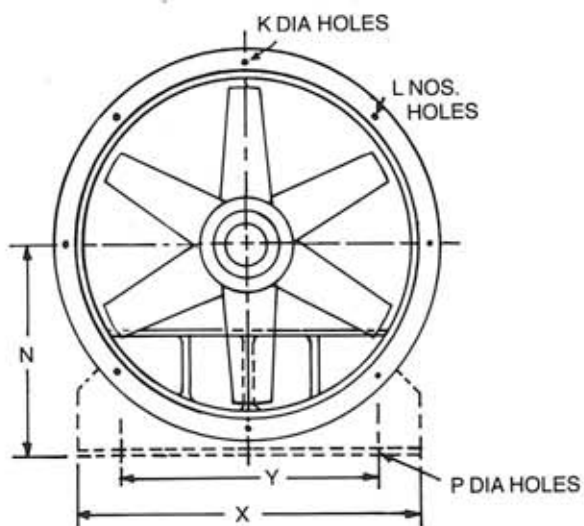
Range and Duty :

The EPC 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 EPC Axial Flow Fan fulfils 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 an EPC 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 AXIAL FLOW FAN (long casing)

Impeller Diameter		Motor Frame size	A	B	C	D	N	P	X	Y	K	L
inch	mm		mm	mm	mm	mm	mm	mm	mm	mm	mm	nos
12	305	71	310	362	395	290	225	12	380	290	10	8
15	380	80	385	435	471	370	245	12	380	330	10	8
19	482	80	485	535	571	370	335	12	480	430	12	8
19	482	90L	485	535	571	410	335	12	480	430	12	8
19	482	100L	485	535	571	470	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	370	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



AXIAL FLOW FAN PERFORMANCE CHART

Imp Dia	Motor Frame	Motor Rating	Input Watt at rated		CMH at different static pressures in Water Column								Density 0.075 lb/ft ³	
			RPM	M ³ /Hr	FID	5mm	10mm	15mm	20mm	25mm	30mm	40mm		50mm
mm	size	KW												
250	63	0.15	2850	265	2550	2200	1900							
305	71	0.37	1440	220	2200									
305	71	0.37	2850	520	4500	4150	3900							
380	80	0.75	1420	600	3200	2550	2000							
380	80	0.75	2800	1060	5300	5050	4900	4700	4550	4200	3500			
482	80	0.75	1420	1060	7500	7000	6200							
482	90L	1.5	1420	1500	8000	6500								
482	90L	1.5	2850	2000	8500	8100	7100	6950	6600	5800	4600			
482	100L	2.2	2850	2700	12500	12300	12100	11900	11700	11200	10400	9700	8800	
482	112M	3.7	2850	4200	13800	13600	13400	13250	13000	12700	12000	11200	10100	
610	80	0.75	1420	1060	10100	9600	8700	7800	6500					
610	90L	1.5	1420	2000	14200	13500	12700	11700	10500					
610	100L	2.2	1420	2700	16000	15500	14250	13000	12200					
760	90L	1.1	950	1350	14000	13000	12000							
760	90L	1.5	1425	2000	26500									
760	100L	1.5	950	2000	17500	16000	15200							
760	100L	2.2	1425	2800	24500	19300	18600	17700	16500	15300	13800			
760	132M	5.5	1425	6120	31000	29500	28250	27000	26000	24800	23250			
914	112M	2.2	950	3000	27000	25000	23800	23000	22000					
914	132M	5.5	950	3700	43000	41250	40000	38000	36500	33000				
914	132M	7.5	1425	9300	45000	43900	42750	41680	38500	36830	33150	28660	23680	
1000	132M	5.5	950	6200	48000									
1220	132M	5.5	950		62000									



EPC ELECTRICAL PRIVATE LIMITED

71A, Tollygunge Road, Kolkata- 700033, Phone: 24241240, Telefax: 24247108
 e-mail: epc@epcfan.in, website: www.epcfan.in