



AXB

M.K.  **Plastics**
CORP.

AXB

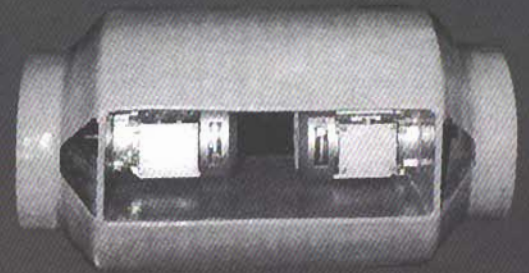
The AXB Line of Axial fans as manufactured by M.K. Plastics Corporation has been designed with utmost care and consideration for the client needs for an inline fan, corrosion resistant to handle exhausted air from laboratories, research institutions, industrial establishments and hospitals.

TWELVE SIZES, from 12" to 48" diameter.

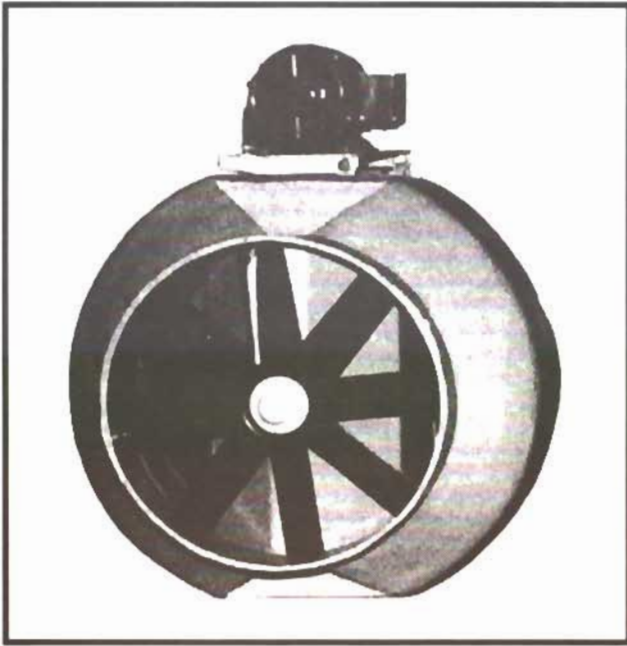
CAPACITIES, for direct drive arrangement, from 700 to 37000 CFM and up to 3" Static Pressure. These fans can be manufactured in belt drive arrangement for different performances other than outlined in the tables of performance. Also, fans can be outfitted with two stage impellers to deliver higher static pressure.

AXB FANS AVAILABLE AS FOLLOWS:

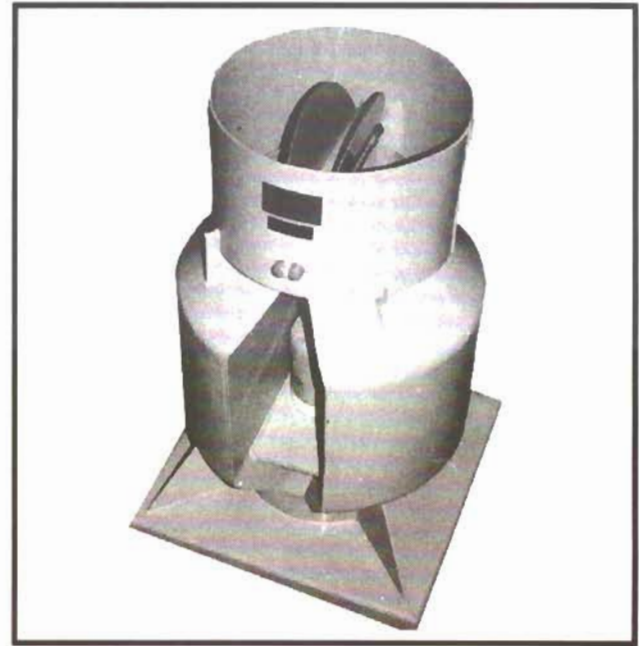
1. Direct drive
2. Belt drive, one stage (one propeller)
3. Belt drive, two stages (one propeller each end of the fan)
4. Direct drive, two stages, two motors



Two motors, two stages, for higher static pressure



Belt drive for intermediate CFM and static pressures.



Direct drive roof mounted complete with butterfly damper and curb cap.

CONSTRUCTION FEATURES

BIFURCATED CASINGS, manufactured in FRP, may be installed at any angle, inside building or outside on roof. Economical in price and long lasting.

PROPELLERS, injection molded in Polypropylene fiberglass reinforced (PPFR) or Polyamide fiberglass reinforced (PAFR) depending on application. The hub may be in plastic or coated aluminum according to size of fan, extends to outside of casing.

SHAFT, on belt drive fans in steel, high strength distortion free, accurately machined to receive wheels, bearings and pulleys. End of shaft at wheel end is covered by a plastic cap to protect from corrosion.

MOTORS, are Total Enclosed Fan Cooled as a general rule. Explosion Proof, Chemical Duty or 2 speed motors are available on customer request.

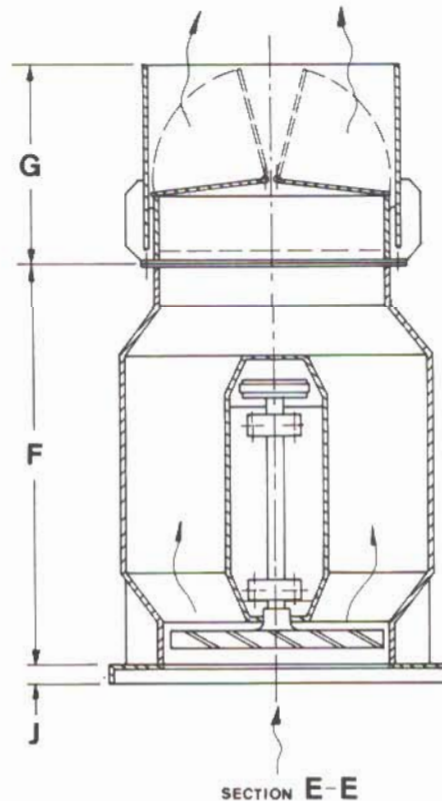
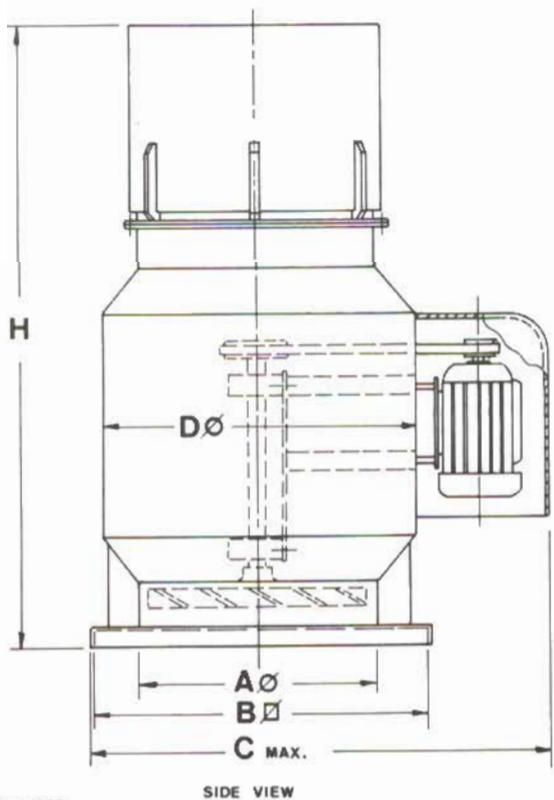
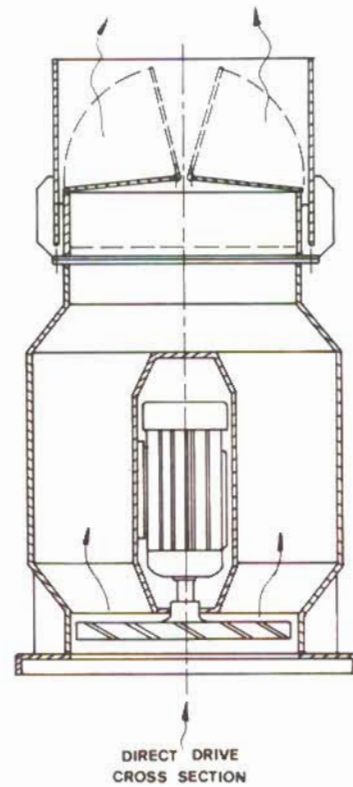
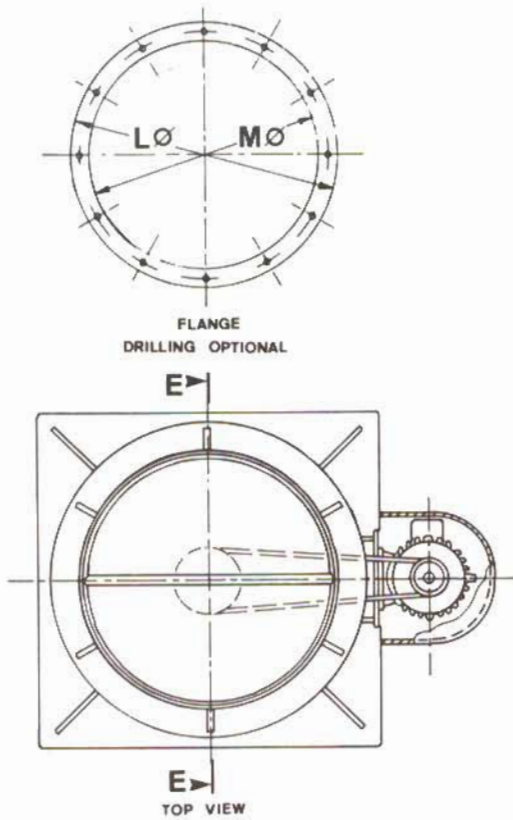
MOTOR SUPPORT, mild steel epoxy coated, adjustable for proper belt tensioning.

BEARINGS, are spherical roller bearings, designed for 100,000 hours, complete with grease lubrication nipple fittings as standard.

SLIP ENDS, are standard ready for attachments of optional flexible connections. Flanges are available on request as an extra.

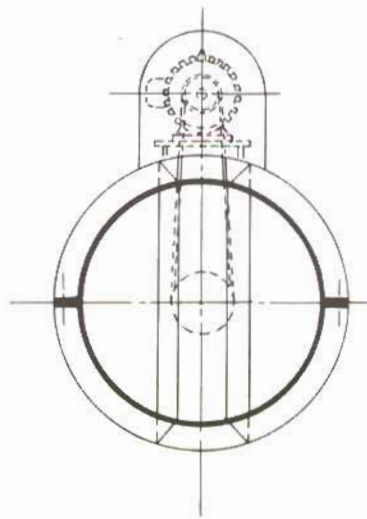
BELT GUARD, in FRP to enclose belt according to OSHA regulations.

Dimensional Drawing for Direct and Belt Drive arrangements as well as Roof Mounting AXB 300-1220

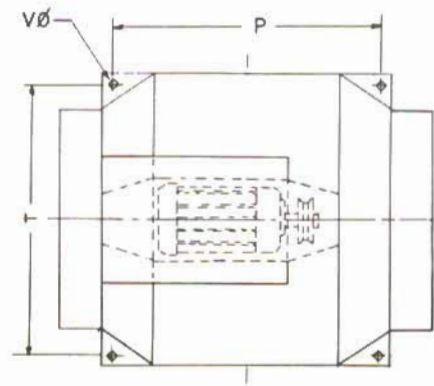


MOUNTING BRACKETS

Installation of FRP Bifurcated fans requires some special considerations. FRP brackets are available for vertical or horizontal arrangements. Large fans with heavy motors should not be expected to support themselves by flange mounting alone. Proper mounting brackets for horizontal, wall mounting or vertical roof top are essential. Special steel stands are available in this situation. Please specify fan position to provide the applicable brackets.

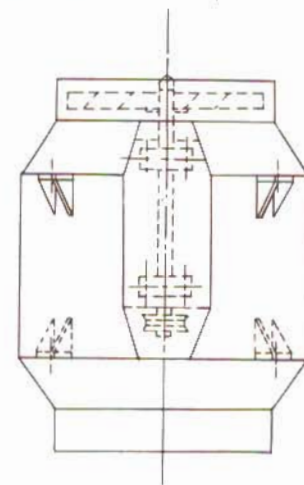
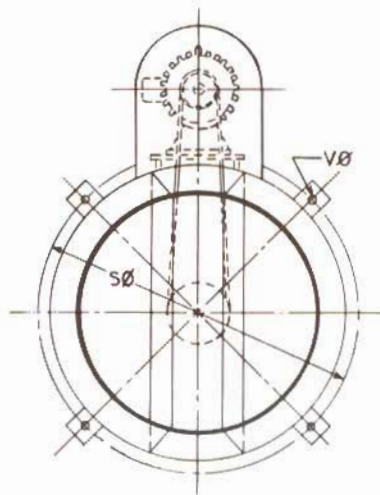


HORIZONTAL MOUNTING



VERTICAL

Available for either top hung or base mounted fans. For up-blast or down-blast discharge.



DIMENSIONS

SIZE	A ø	B	C	D ø	F	G	H	J	L ø	M ø	P	S ø	T	V ø
300	12.5	19	30	18.75	26.375	9.125	38	2.5	15	12.5	20	21.75	15.75	0.4375
350	14.125	22	32.5	20.875	29.5	10.25	42.25	2.5	17.5	14.125	21.5	24.875	17.5	0.4375
400	16.125	27	37.5	26.375	34.25	11	48.125	3	20.125	16.125	23	30.375	23.75	0.4375
450	18.75	29	39.75	28.375	34.25	11.75	49	3	22.75	18.75	23	32.375	25.125	0.4375
500	19.625	30	45	30	41.375	12.625	57	3	23.625	19.625	28.875	34	27	0.5625
560	22	33	47.5	31.875	42.25	14.063	59.313	3	26	22	29	35.875	28.25	0.5625
610	24.625	35	53.5	34.625	44.5	17	64.5	3	28.875	24.625	31	38.625	31.125	0.5625
660	26.5	38	56.5	37.75	52	16	71	3	31	26.5	32.5	41.75	34	0.5625
710	28.375	42	62.25	41.375	47.25	16.875	67.125	3	32.875	28.375	33	45.375	37.125	0.5625
760	30.125	45	64.5	44	52.375	21	76.375	3	34.625	30.125	33.875	48	40	0.5625
910	35.5	48	67.5	47.25	49	34.125	86.125	3	40	35.5	34.25	53.25	43.25	0.5625
1220	48.5	66	90	65	90	40	130	4	52.875	48.5	62	69.5	58.25	0.8125

*We reserve the right to change dimensions. Rely on shop drawings only.

DIRECT DRIVE PERFORMANCES

AXB300			WHEEL DIA. FAN WEIGHT		12" 50 LBS.		TIP SPEED FPM MAX. RPM		18000 5700		INLET & OUTLET DIA. INLET & OUTLET AREA		12.75(OD)" 0.88 sq. ft.					
S T A T I C P R E S S U R E																		
FAN CODE	HP	RPM	.2" 50 Pa	.25" 62.5 Pa	.3" 75 Pa	.35" 87.5 Pa	.4" 100 Pa	.5" 125 Pa	.6" 150 Pa	.75" 187.5 Pa	1" 250 Pa	1.25" 312.5 Pa	1.5" 375 Pa	1.75" 437.5 Pa	2" 500 Pa	2.25" 562.5 Pa	2.5" 625 Pa	3" 750 Pa
306 C 3	0.25	1725	950	920	880	820	760											
306 D 3	0.25	1725	1130	1090	1040	990	930											
306 E 3	0.25	1725	1240	1190	1140	1070	1000											
306 F 3	0.25	1725	1410	1310	1310	1210	1100											
306 C 4	1	3450						2000	1970	1920	1840	1730	1540					
306 D 4	1.5	3450						2340	2310	2260	2150	2020	1900					
306 E 4	1.5	3450						2580	2540	2480	2420	2210	2110					
306 F 4	2	3450						2950	2910	2840	2720	2510	2260					

AXB350			WHEEL DIA. FAN WEIGHT		14" 60 LBS.		TIP SPEED FPM MAX. RPM		18000 4900		INLET & OUTLET DIA. INLET & OUTLET AREA		14.5(OD)" 1.08 sq. ft.					
S T A T I C P R E S S U R E																		
FAN CODE	HP	RPM	.2" 50 Pa	.25" 62.5 Pa	.3" 75 Pa	.35" 87.5 Pa	.4" 100 Pa	.5" 125 Pa	.6" 150 Pa	.75" 187.5 Pa	1" 250 Pa	1.25" 312.5 Pa	1.5" 375 Pa	1.75" 437.5 Pa	2" 500 Pa	2.25" 562.5 Pa	2.5" 625 Pa	3" 750 Pa
358 C 3	0.25	1725	1420	1400	1370	1330	1290	1200	1000									
358 D 3	0.5	1725	1690	1660	1620	1580	1540	1420	1280									
358 E 3	0.5	1725	1960	1920	1870	1830	1780	1660	1500									
358 F 3	0.5	1725	2180	2130	2070	2010	1950	1800	-									
358 C 4	2	3450						2800	2790	2760	2690	2610	2530	2400	2220	2020		
358 D 4	3	3450						3340	3320	3280	3200	3090	3010	2880	2700	2530		
358 E 4	3	3450						3890	3850	3780	3690	3570	3460	3330	3140	2960		
358 F 4	3	3450						4330	4280	4200	4100	3970	3800	3640	3400	-		

AXB400			WHEEL DIA. FAN WEIGHT		16" 85 LBS.		TIP SPEED FPM MAX. RPM		18000 4300		INLET & OUTLET DIA. INLET & OUTLET AREA		16.5(OD)" 1.48 sq. ft.					
S T A T I C P R E S S U R E																		
FAN CODE	HP	RPM	.2" 50 Pa	.25" 62.5 Pa	.3" 75 Pa	.35" 87.5 Pa	.4" 100 Pa	.5" 125 Pa	.6" 150 Pa	.75" 187.5 Pa	1" 250 Pa	1.25" 312.5 Pa	1.5" 375 Pa	1.75" 437.5 Pa	2" 500 Pa	2.25" 562.5 Pa	2.5" 625 Pa	3" 750 Pa
408 C 2	0.25	1140	1220	1140	1020													
408 D 2	0.25	1140	1430	1430	1220													
408 E 2	0.25	1140	1620	1510	1380													
408 F 2	0.25	1140	1840	1710	1560													
4010 C 3	0.5	1725	2000	1960	1920	1890	1860	1780	1670	1460								
4010 D 3	0.75	1725	2440	2400	2360	2340	2310	2220	2130	1940								
4010 E 3	0.75	1725	2800	2750	2700	2660	2620	2500	2400	2170								
4010 F 3	1	1725	3150	3100	3050	2990	2930	2800	2660	2400								
4010 C 4	5	3450						4080	4050	4000	3920	3820	3730	3640	3520	3390	3240	-
4010 D 4	5	3450						4930	4910	4880	4800	4700	4610	4510	4400	4280	4130	3640
4010 E 4	7.5	3450						5680	5650	5600	5460	5350	5240	5090	4950	4840	4620	4150
4010 F 4	7.5	3450						6420	6370	6290	6170	6000	5850	5680	5540	5370	5140	4550

DIRECT DRIVE PERFORMANCES

AXB450			WHEEL DIA. FAN WEIGHT		18" 110 LBS.		TIP SPEED FPM MAX. RPM		18000 3800		INLET & OUTLET DIA. INLET & OUTLET AREA		19.125(OD)" 1.91 sq. ft.						
			S T A T I C					P R E S S U R E											
FAN CODE	HP	RPM	.2" 50 Pa	.25" 62.5 Pa	.3" 75 Pa	.35" 87.5 Pa	.4" 100 Pa	.5" 125 Pa	.6" 150 Pa	.75" 187.5 Pa	1" 250 Pa	1.25" 312.5 Pa	1.5" 375 Pa	1.75" 437.5 Pa	2" 500 Pa	2.25" 562.5 Pa	2.5" 625 Pa	3" 750 Pa	
458 C 2	0.25	1140	1700	1600	1460	1300	980												
458 D 2	0.25	1140	2150	2050	1860	1760	1510												
458 E 2	0.25	1140	2400	2270	2140	1940	1700												
458 F 2	0.25	1140	2750	2620	2450	2230	2100												
4510 C 3	0.75	1725	2980	2960	2940	2900	2860	2800	2710	2520	2130								
4510 D 3	1	1725	3600	3570	3530	3480	3420	3340	3240	3060	2580								
4510 E 3	1.5	1725	4220	4160	4100	4050	4000	3890	3740	3500	3020								
4510 F 3	1.5	1725	5710	5540	5370	5320	5262	5140	4970	3910	3290								
456 C 4	3	3450						5320	5260	5170	5000	4880	4650	4480	4240	4000	3790	3050	
456 D 4	5	3450						6540	6490	6400	6160	6010	5840	5600	5320	5120	4800	3980	
456 E 4	7.5	3450						7680	7620	7530	7310	7140	6920	6700	6400	6180	5860	5060	
456 F 4	7.5	3450						8800	8740	8630	8380	8220	8000	7680	7380	7160	6810	5740	

AXB500			WHEEL DIA. FAN WEIGHT		20" 140 LBS.		TIP SPEED FPM MAX. RPM		18000 3400		INLET & OUTLET DIA. INLET & OUTLET AREA		20(OD)" 2.1 sq. ft.						
			S T A T I C					P R E S S U R E											
FAN CODE	HP	RPM	.2" 50 Pa	.25" 62.5 Pa	.3" 75 Pa	.35" 87.5 Pa	.4" 100 Pa	.5" 125 Pa	.6" 150 Pa	.75" 187.5 Pa	1" 250 Pa	1.25" 312.5 Pa	1.5" 375 Pa	1.75" 437.5 Pa	2" 500 Pa	2.25" 562.5 Pa	2.5" 625 Pa	3" 750 Pa	
5012 C 2	0.5	1140	2520	2470	2400	2290	2160	1820											
5012 D 2	0.5	1140	2980	2890	2800	2700	2560	2270											
5012 E 2	0.75	1140	3450	3340	3240	3100	2950	2600											
5012 F 2	0.75	1140	3760	3700	3580	3400	3250	2850											
5010 C 3	1	1725	3810	3760	3700	3650	3600	3520	3390	3130	2500								
5010 D 3	1.5	1725	4510	4470	4430	4370	4300	4210	4070	3800	2900								
5010 E 3	2	1725	5370	5350	5330	5210	5100	4990	4800	4560	3920								
5010 F 3	2	1725	6210	6160	6100	6000	5890	5750	5590	5280	4530								
506 C 4	5	3450						7280	7200	7070	6860	6660	6400	6110	5830	5520	5080	3770	
506 D 4	7.5	3450						8620	8570	8480	8260	8080	7820	7560	7350	7020	6680	5470	
506 E 4	10	3450						9980	9880	9750	9600	9260	9010	8800	8440	8100	7690	6760	
506 F 4	10	3450						11200	11120	10990	10700	10400	10140	9860	9520	9180	8800	7500	

AXB560			WHEEL DIA. FAN WEIGHT		22" 185 LBS.		TIP SPEED FPM MAX. RPM		18000 3100		INLET & OUTLET DIA. INLET & OUTLET AREA		22.375(OD)" 2.73 sq. ft.				
			S T A T I C					P R E S S U R E									
FAN CODE	HP	RPM	.1" 25 Pa	.2" 50 Pa	.25" 62.5 Pa	.3" 75 Pa	.35" 87.5 Pa	.4" 100 Pa	.5" 125 Pa	.6" 150 Pa	.7" 175 Pa	.75" 187.5 Pa	.8" 200 Pa	1" 250 Pa	1.2" 300 Pa	1.4" 350 Pa	
5610 C 2	0.5	1140	3120	2930	2820	2690	2560	2400	1940								
5610 D 2	0.5	1140	3910	3730	3650	3520	3360	3200	2800								
5610 E 2	0.75	1140	4480	4220	4100	3920	3920	3600	3200								
5610 F 2	0.75	1140	5360	5050	4880	4690	4690	4320	3760								
5610 C 3	1.5	1725		4800	4740	4680	4650	4620	4470	4340	4150	4080	4000	3500	2860		
5610 D 3	2	1725		6120	6060	6000	5950	5890	5740	5600	5440	5350	5260	4860	4340		
5610 E 3	3	1725		6900	6850	6800	6710	6620	6470	6280	6120	6030	5940	5440	4860		
5610 F 3	3	1725		8230	8150	8060	7950	7840	7660	7420	7200	7090	6970	6400	5740		

DIRECT DRIVE PERFORMANCES

AXB610			WHEEL DIA. 24"		TIP SPEED FPM 18000		INLET & OUTLET DIA. 25(OD)"									
			FAN WEIGHT 225 LBS.		MAX. RPM 2800		INLET & OUTLET AREA 3.3 sq. ft.									
			S T A T I C					P R E S S U R E								
FAN CODE	HP	RPM	.1" 25 Pa	.2" 50 Pa	.25" 62.5 Pa	.3" 75 Pa	.35" 87.5 Pa	.4" 100 Pa	.5" 125 Pa	.6" 150 Pa	.7" 175 Pa	.75" 187.5 Pa	.8" 200 Pa	1" 250 Pa	1.2" 300 Pa	1.4" 350 Pa
614 A 2	0.75	1140	4100	3920	3830	3730	3630	3530	3310	3050	2710	2450	2190			
613 B 2	0.75	1140	4940	4660	4530	4390	4240	4090	3700	3290	2850	2390	1930			
613 C 2	1	1140	5770	5480	5320	5160	4980	4800	4350	3870	3400	2930				
614 D 2	1.5	1140	6950	6710	6560	6400	6230	6050	5660	5210	4730	4320	3900			
614 E 2	2	1140	7820	7550	7370	7190	6960	6730	6090	5460						
6110 C 3	2	1725		5920	5840	5760	5680	5600	5400	5200	5040	4920	4800	4320	3680	2600
6110 D 3	3	1725		7520	7420	7320	7220	7120	6960	6720	6520	6420	6320	5780	5040	3720
6110 E 3	3	1725		8800	8710	8620	8510	8400	8200	8000	7800	7700	7600	7000	6280	5080
6110 F 3	5	1725		10400	10310	10220	10110	10000	9760	9500	9280	9160	9040	8320	7600	6200

AXB660			WHEEL DIA. 26"		TIP SPEED FPM 18000		INLET & OUTLET DIA. 26.875(OD)"										
			FAN WEIGHT 265 LBS.		MAX. RPM 2600		INLET & OUTLET AREA 3.82 sq. ft.										
			S T A T I C					P R E S S U R E									
FAN CODE	HP	RPM	.1" 25 Pa	.2" 50 Pa	.25" 62.5 Pa	.3" 75 Pa	.35" 87.5 Pa	.4" 100 Pa	.5" 125 Pa	.6" 150 Pa	.7" 175 Pa	.8" 200 Pa	.9" 275 Pa	1" 250 Pa	1.2" 300 Pa	1.4" 350 Pa	1.6" 400 Pa
663 A 2	1	1140	5220	4970	4850	4720	4570	4420	4150	3780	3320	2840	2120				
663 C 2	1.5	1140	7400	7070	6910	6740	6560	6380	6000	5460	4940	4430					
663 D 2	2	1140	8400	8080	7890	7690	7470	7240	6740	6180	5640	4750					
664 E 2	3	1140	10000	9680	9520	9360	9160	8960	8400	7650	6960						
6612 C 3	3	1750	7600	7550	7460	7400	7330	7240	7140	6980	6840	6730	6600	6460	6080	5700	4940
6612 D 3	5	1750	9660	9550	9500	9460	9420	9310	9200	9070	8900	8760	8560	8360	7980	7600	6840
6612 E 3	5	1750	11020	6880	10800	10720	10650	10540	10420	10260	10100	9930	9880	9830	9230	8740	7980
6612 F 3	7.5	1750	12780	12650	12560	12500	12430	12320	12210	12110	11920	11730	11510	11290	10880	10360	9440

AXB710			WHEEL DIA. 28"		TIP SPEED FPM 18000		INLET & OUTLET DIA. 28.75(OD)"													
			FAN WEIGHT 325 LBS.		MAX. RPM 2400		INLET & OUTLET AREA 4.39 sq. ft.													
			S T A T I C					P R E S S U R E												
FAN CODE	HP	RPM	.1" 25 Pa	.2" 50 Pa	.25" 62.5 Pa	.3" 75 Pa	.4" 100 Pa	.5" 125 Pa	.6" 150 Pa	.7" 175 Pa	.75" 187.5 Pa	.8" 200 Pa	.9" 225 Pa	1.0" 250 Pa	1.1" 275 Pa	1.25" 312.5 Pa	1.5" 375 Pa	1.75" 437.5 Pa	2" 500 Pa	2.25" 562.5 Pa
713 B 2	1.5	1140	8000	7728	7570	7400	7048	6672	6264	5760	5510	5248	4608							
714 B 2	2	1140	8160	7872	7740	7608	7352	7080	6808	6488	6320	6144	5720	5296	4720					
714 C 2	3	1140	9520	9200	9080	8960	8640	8320	7984	7584	7370	7144	6688	6200						
714 D 2	3	1140	10880	10560	10400	10240	10000	9680	9280	8800	8520	8240	7736	7168						
713 E 2	5	1140	12320	11920	11680	11440	10880	10320	9440	8480	7610	6730								
714 E 2	5	1140	13200	12800	12600	12400	11920	11360	10720	10080	9720	9360								
7112 B 3	5	1750	9390	9340	9290	9180	9080	8980	8900	8800	8700	8590	8480	8370	8160	7940	7500	6920	6150	5220
7112 C 3	7.5	1750	11570	11565	11560	11460	11350	11280	11200	11100	11020	10920	10800	10700	10490	10270	9780	9120	8180	6400
7112 D 3	10	1750	14180	12730	13970	13900	13800	13720	13600	13420	13350	13200	13050	12940	12710	12480	11870	11200	10270	8920
7112 E 3	15	1750	15520	15480	15440	15300	15185	15070	14900	14700	14640	14500	14340	14270	14460	13760	13200	12770	11620	10640
7112 F 3	15	1750	17700	17620	17540	17360	17200	17040	16880	16720	16620	16480	16240	16000	15690	15380	14740	13940	12640	11200

DIRECT DRIVE PERFORMANCES

AXB760			WHEEL DIA. 30"	TIP SPEED FPM 18000	INLET & OUTLET DIA. 31.5(OD)"									
			FAN WEIGHT 380 LBS	MAX. RPM 2200	INLET & OUTLET AREA 5.1 sq. ft.									
			S T A T I C				P R E S S U R E							
FAN CODE	HP	RPM	.25" 62.5 Pa	.5" 125 Pa	.75" 187.5 Pa	.9" 225 Pa	1" 250 Pa	1.125" 281.25 Pa	1.25" 312.5 Pa	1.375" 343.75 Pa	1.5" 375 Pa	2" 500 Pa	2.25" 562.5 Pa	2.5" 625 Pa
763 A 2	1.5	1140	7648	6768	5648	4776	4104							
764 A 2	2	1140	7992	7248	6480	5912	5424	4544	3864	3112				
763 C 2	3	1140	10720	9680	8400	7504	6760							
764 B 2	3	1140	9760	8960	8080	7448	6960	6296	5344	4376				
764 E 2	5	1140	14640	13360	12080	11040	10320							
764 F 2	7.5	1140	15920	14560	12800	11040								
7612 B 3	7.5	1750	10780	10370	9960	9750	9544	9340	9130	8930	8720	7450	6770	5670
7612 C 3	10	1750	14230	13800	13370	13160	12950	12740	12520	12260	11990	10170	9000	6960
7612 D 3	15	1750	16830	16340	15850	15610	15370	15140	14900	14580	14260	12600	11500	
7612 E 3	15	1750	18800	18350	17890	17670	17440	17220	17000	16660	16316	14500	13400	
7612 F 3	20	1750	21730	21000	20600	20400	20190	19910	19630	19210	18790	16870	15500	

AXB910			WHEEL DIA. 36"	TIP SPEED FPM 18000	INLET & OUTLET DIA. 35.875(OD)"							
			FAN WEIGHT 445 LBS	MAX. RPM 1900	INLET & OUTLET AREA 6.87 sq. ft.							
			S T A T I C				P R E S S U R E					
FAN CODE	HP	RPM	.25" 62.5 Pa	.5" 125 Pa	.75" 187.5 Pa	.9" 225 Pa	1" 250 Pa	1.125" 281.25 Pa	1.25" 312.5 Pa	1.375" 343.75 Pa	1.5" 375 Pa	1.75" 375 Pa
913 A 1	2	870	10240	8640	6128							
914 B 1	3	870	12480	10560	8320	7080	6336	5856				
913 C 1	3	870	13760	11280	8800							
914 D 1	5	870	16880	15120	12720	10320	9760	9120				
914 E 1	7.5	870	18800	16960	12640	11520	10800	9520				
913 A 2	5	1140	15440	13120	11840	11040	10320	9360	8320	7288	6032	
913 B 2	5	1140	16880	15520	14080	14080	13120	12320	11360	10400	8320	
914 B 2	7.5	1140	17280	15920	14480	13600	12880	12000	11120	10320	9600	8160
913 C 2	7.5	1140	19280	17520	15680	14480	13680	12640	11760	11040	10240	
914 D 2	10	1140	22960	21680	20560	19520	18800	17920	17040	15920	13760	12640
914 F 2	15	1140	27200	25760	23680	21840	20640	19520	18160	17360	16480	14880

AXB1220			WHEEL DIA. 48"	TIP SPEED FPM 18000	INLET & OUTLET DIA. 47.375(OD)"							
			FAN WEIGHT 550 LBS	MAX. RPM 1430	INLET & OUTLET AREA 11.98 sq. ft.							
			S T A T I C				P R E S S U R E					
FAN CODE	HP	RPM	.2" 50 Pa	.25" 62.5 Pa	.3" 75 Pa	.4" 100 Pa	.5" 125 Pa	.6" 150 Pa	.75" 187.5 Pa	.9" 225 Pa	1" 250 Pa	1.1" 275 Pa
1223 A 1	7.5	870	21000	20560	20160	19300	18000	15900	14300	12700	11000	
1223 B 1	7.5	870	27000	26600	26000	25000	23700	20600	17800	16000	15200	
1223 C 1	10	870	30700	30200	29500	28300	27000	24000	21000	18600		
1224 C 1	15	870	33500	32600	31500	31500	30600	29600	24700	23000	21680	20400
1224 D 1	15	870	37300	36700	36200	35200	34000	32700	27700	25700	24300	23000

ACCESSORIES

WEATHER HOOD, to cover motor and belt when fan is exposed to the weather.

BUTTERFLY DAMPER, over the fan, when installed vertically on the discharge end.

CURB CAP, to support fan when vertically on roof.

ACCESS DOOR, to inspect or clean propeller.

SHAFT SEAL, in teflon if required, to contain the specific fume conditions.

DRAIN, available in the horizontal arrangement, when required.

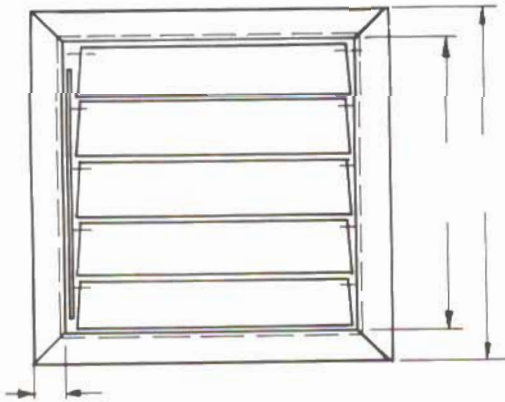
FLEXIBLE CONNECTIONS, 8" plasticized PVC, manufactured to fit over slip inlet or outlet, are supplied complete with stainless steel straps.

FLANGES, inlet or outlet, heavy duty, undrilled, with a smooth sealing face are available. Drilled flanges are optional.

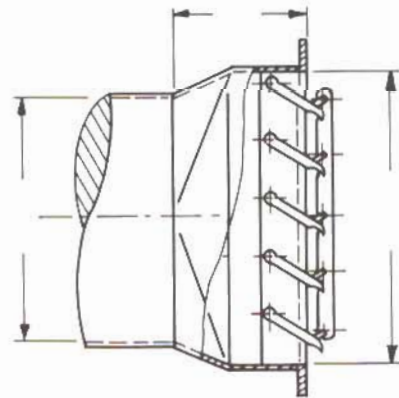
FAN GUARDS, in areas which are accessible only to experienced and trained personnel, a standard industrial type guard may be adequate. Where the fan is accessible to untrained personnel or the general public, maximum safety guards should be used. The client is responsible to advise when and if standard or maximum safety guards are required.

SHUTTERS, PVC multi-leaf blades are sensitively balanced to open when fan is turned on and prevent back-drafts when fan is shut off. The blades are interlinked to open and close together to ensure minimum air filtration. The entire shutter assembly contains no metal in the air stream, thus assuring long life in ventilation systems exhausting aggressive corrosive fumes.

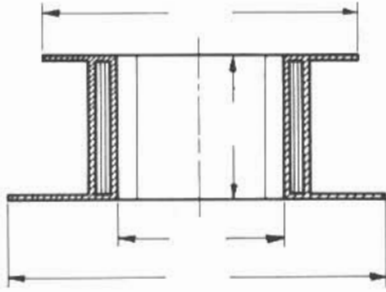
PVC SHUTTER



PVC SHUTTER WITH FRP TRANSITION



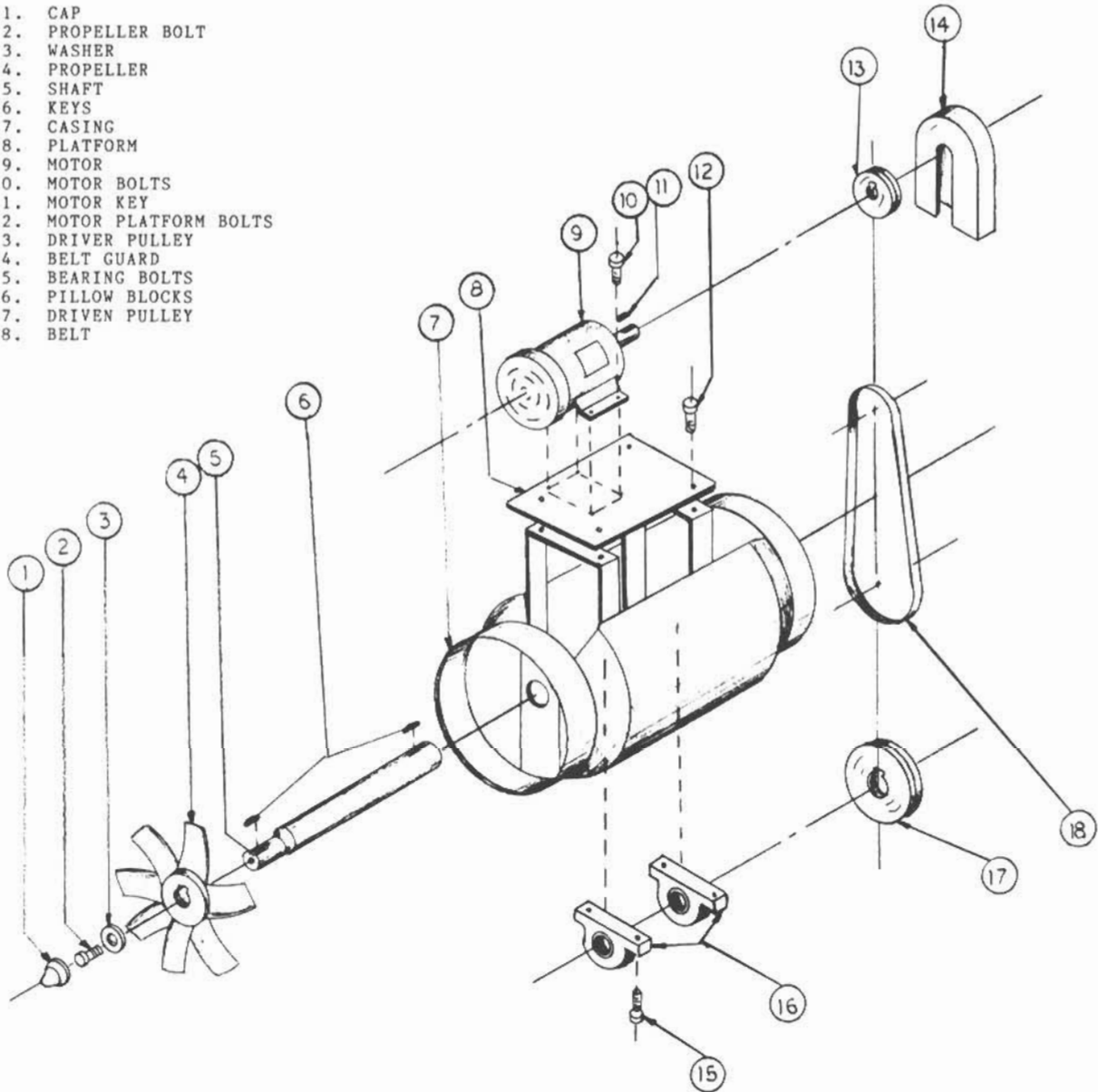
ROOF CURB

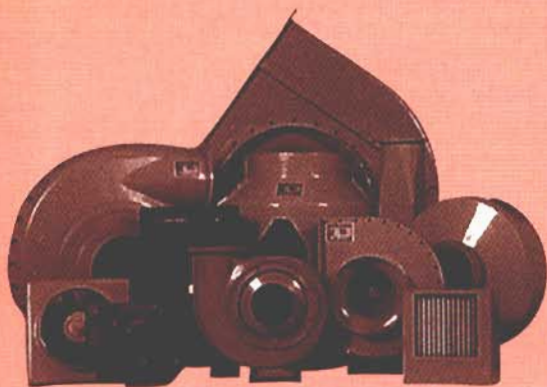


Our plastifer roof curbs, in FRP are corrosion resistant and thermally insulated to contribute to the maximum quality of the entire air moving system.

AXB DETAILED PARTS LIST

1. CAP
2. PROPELLER BOLT
3. WASHER
4. PROPELLER
5. SHAFT
6. KEYS
7. CASING
8. PLATFORM
9. MOTOR
10. MOTOR BOLTS
11. MOTOR KEY
12. MOTOR PLATFORM BOLTS
13. DRIVER PULLEY
14. BELT GUARD
15. BEARING BOLTS
16. PILLOW BLOCKS
17. DRIVEN PULLEY
18. BELT





Plastifer®

PARTIAL PRODUCTS LIST

BULLETIN NO.

DHK	Heavy duty centrifugal blowers, medium pressure, backward inclined AIRFOIL blades.	DR-97
RCH	High pressure centrifugal blowers, backward inclined.	DR-91
CNW	FRP Casing and impeller, laboratory fans.	CNW-97
PRVS	Small centrifugal blowers, low CFM, high static pressure.	PRV-97
AXCL	Inline centrifugal with backward inclined airfoil blades and bifurcated FRP casing.	AXCL-97
AXB	Inline axial fan with P.P. propellers and bifurcated casing.	AXB-97
KLV	Multi-position direct drive lab fan, FRP wheel.	KLV-97
RKW	Roof or wall mounted vertical exhaust fan, direct or belt drive.	RKW-97
AXPR	Panel fan wall or roof mounted, FRP construction, P.P. blades.	AXPR-97
MVT	Venturi system, to induce the flow of perchloric acid fumes without crossing through fan.	VEN-97
MIST ELIMINATORS	Chevron type blades or P.P. pads, up to 99% efficiency and down to 3 micron removal.	ME-4-89
SHUTTERS	Double skin blades, air space insulated, all PVC for corrosion resistance.	BDD-90

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