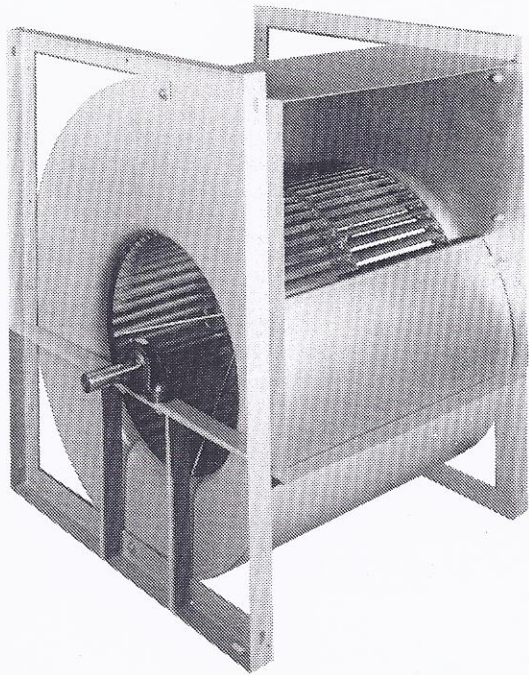




# SERIES FCD

4-WAY

# BLOWERS

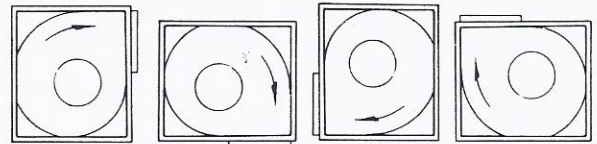


**FORWARD CURVE - ARRANGEMENT #3  
DOUBLE-INLET, DOUBLE WIDTH**

Central FCD Series Blowers are designed for supplying high volumes of air at low tip speeds and low noise levels. Ideal for many applications such as ventilating, heating, cooling, exhausting, humidifying or air drying. Forward-curve dynamically balanced wheel is made of galvanized steel for long life. Four-way frame permits blower to be used on four different discharge positions as shown below. Self-aligning ball bearings provide quiet operation with minimum servicing.

Floor mounting for larger motors is recommended. Smaller motors may be attached to the angle iron frames. Suitable drives as well as motors and motor bases are available.

Twin units are also available. Ask for special brochure.



## FCD - 18

VOLUME CFM	O.V. FPM	SP (IN) WG																													
		1/8		1/4		3/8		1/2		5/8		3/4		1.0		1-1/4		1-1/2		1-3/4		2.0		2-1/2		3.0					
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP		
3000	1045	239	0.18	305	0.26	360	0.33	411	0.41	460	0.49																				
3600	1254	259	0.27	320	0.37	371	0.46	418	0.54	461	0.63	503	0.73																		
4200	1463	281	0.38	337	0.50	386	0.61	430	0.72	470	0.82	508	0.92	581	1.14																
4800	1672	304	0.52	356	0.66	403	0.80	444	0.92	483	1.04	519	1.16	586	1.39	648	1.64	711	1.89												
5400	1882	329	0.69	377	0.86	421	1.02	461	1.16	497	1.30	532	1.44	596	1.70	654	1.96	712	2.23	768	2.53										
6000	2091	355	0.91	399	1.09	441	1.27	479	1.44	514	1.61	547	1.76	609	2.06	664	2.35	720	2.64	770	2.92	821	3.27								
6600	2300	382	1.16	422	1.37	461	1.57	498	1.76	532	1.95	564	2.13	624	2.47	677	2.79	730	3.11	779	3.43	826	3.75	918	4.47						
7200	2509	409	1.47	446	1.69	483	1.91	518	2.13	551	2.34	582	2.54	639	2.93	691	3.29	743	3.65	790	3.99	835	4.34	921	5.02	1005	5.84				
7800	2718	437	1.82	471	2.06	506	2.30	539	2.55	571	2.78	601	3.00	657	3.43	707	3.84	757	4.24	803	4.62	847	5.00	930	5.75	1008	6.49				
8400	2927	466	2.24	498	2.49	530	2.76	561	3.02	591	3.27	620	3.52	675	4.00	723	4.45	772	4.89	817	5.31	860	5.72	940	6.52	1017	7.35				
9000	3136	495	2.72	525	2.99	554	3.27	584	3.54	613	3.82	641	4.10	694	4.62	741	5.11	788	5.60	832	6.06	874	6.52	953	7.40	1026	8.25				

## FCD - 22

VOLUME CFM	O.V. FPM	SP (IN) WG																											
		1/8		1/4		3/8		1/2		5/8		3/4		1.0		1-1/4		1-1/2		1-3/4		2.0		2-1/2		3.0			
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
4000	811	178	0.17	234	0.27																								
5000	1014	193	0.26	242	0.37	287	0.50	330	0.65																				
6000	1217	210	0.39	257	0.55	296	0.66	333	0.82	369	0.99																		
7000	1420	229	0.57	271	0.72	309	0.90	342	1.04	374	1.21	405	1.41	467	1.81														
8000	1623	248	0.78	288	0.96	323	1.15	356	1.36	384	1.51	413	1.70	468	2.14	522	2.59												
9000	1826	268	1.05	306	1.27	339	1.46	370	1.70	399	1.93	424	2.08	475	2.51	523	3.01	572	3.52										
10000	2028	289	1.38	325	1.64	356	1.84	385	2.07	413	2.35	439	2.62	485	2.99	530	3.48	573	4.03	618	4.60								
11000	2231	311	1.78	345	2.07	375	2.31	402	2.54	427	2.80	453	3.11	498	3.59	540	4.07	581	4.60	621	5.21	661	5.83						
12000	2434	333	2.25	365	2.57	394	2.86	420	3.10	444	3.37	467	3.65	515	4.38	552	4.75	591	5.31	629	5.89	665	6.54	739	7.89				
13000	2637	356	2.80	385	3.14	413	3.49	438	3.77	461	4.01	484	4.33	527	4.96	569	5.73	602	6.12	639	6.73	674	7.36	741	8.76	809	10.2		
14000	2840	379	3.44	406	3.79	433	4.18	458	4.52	480	4.81	501	5.08	542	5.74	582	6.53	619	7.23	650	7.67	684	8.32	748	9.68	811	11.3		
15000	3043	402	4.17	428	4.56	453	4.96	477	5.36	499	5.69	520	5.99	559	6.65	595	7.34	634	8.30	666	8.94	696	9.41	758	10.8	817	12.3		

