



The ultimate in positive elimination of smoke, fumes and vapors through duct work in paint spray booths and other hazardous locations.

- Completely enclosed ball bearing housing. Should be used for dry air only. (Contact factory for wet air application).
- Fan can be installed to operate in any position.
- Propellers non-sparking cast aluminum.
- Fan housing is heavy gauge steel with angle iron rings welded on each end for superior strength. Eight holes in angle rings for easy mounting.
- Air tight cylinder in center of drum protects belts, sheaves, and bearings from contaminated air.
- Adjustable motor base provides for proper belt tension.
- Bearings - sealed ball bearings with external grease fittings.
- Motors - only high quality industrial motors are used. Fans with motors are completely assembled, drives properly adjusted and fan tested at factory before shipping. Motors are available in totally enclosed and explosion proof.
- Cast steel and aluminum steel sheaves.

Ordering Summary

DIA.	1-PHASE		NO. BLADES	HP	RPM	CFM-STATIC PRESSURE				DB@ 10'	SHIP WT. (LBS.)	OPEN DRIP PROOF		TOTALLY ENCLOSED		EXPLOSION PROOF	
	115/230V-60HZ CATALOG NO.	230/460V-60HZ CATALOG NO.				0"	¼"	½"	¾"			1PH.	3PH.	1PH.	3PH.	1PH.	3PH.
12"	DFB12G	DFB12G3	4	¼	2625	1180	500	—	—	77	68	•	•	•	•	•	•
	DFB12I	DFB12I3	4	½	3400	1900	1700	1400	1000	83	72	•	•	•	•	•	•
15"	DFB15G	DFB15G3	6	¼	1880	2800	2000	1000	—	77	73	•	•	•	•	•	•
	DFB15H	DFB15H3	6	⅓	1990	3000	2100	1000	—	78	75	•	•	•	•	•	•
	DFB15I	DFB15I3	6	½	1880	3350	2650	1550	—	76	80	•	•	•	•	•	•
18"	DFB15J	DFB15J3	6	¾	1990	3900	3400	2700	1150	78	95	•	•	•	•	•	•
	DFB18G	DFB18G3	4	¼	1725	3450	2500	—	—	76	80	•	•	•	•	•	•
	DFB18H	DFB18H3	6	⅓	1725	3750	3050	1200	—	77	85	•	•	•	•	•	•
	DFB18I	DFB18I3	6	½	1880	4250	3720	1720	—	78	95	•	•	•	•	•	•
24"	DFB18K	DFB18K3	6	1	1880	4600	4080	3000	2100	77	115	•	•	•	•	•	•
	DFB18L	DFB18L3	6	1 ½	1990	5350	4830	3950	3000	80	120	•	•	•	•	•	•
	DFB24I	DFB24I3	4	½	1298	5650	4826	3500	—	78	125	•	•	•	•	•	•
	DFB24J	DFB24J3	6	¾	1590	6900	5900	4650	2750	80	130	•	•	•	•	•	•
	DFB24K	DFB24K3	6	1	1725	7450	6350	5000	3300	84	145	•	•	•	•	•	•
	DFB24L	DFB24L3	6	1 ½	1530	8200	7600	6800	—	81	150	•	•	•	•	•	•
27"	DFB24M	DFB24M3	6	2	1590	9300	8750	7200	4720	82	170	•	•	•	•	•	•
	—	DFB24P3	6	3	1725	10700	10100	9300	8000	86	185	—	•	—	•	—	•
	DFB27I	DFB27I3	4	¾	1250	7500	6500	—	—	78	135	•	•	•	•	•	•
	DFB27K	DFB27K3	4	1	1400	9600	8400	7050	4800	82	155	•	•	•	•	•	•
	DFB27L	DFB27L3	6	1 ½	1600	10800	9700	8375	6000	84	160	•	•	•	•	•	•
30"	DFB27M	DFB27M3	6	2	1350	11500	10700	9300	6800	81	210	•	•	•	•	•	•
	DFB30I	DFB30I3	4	½	1600	8980	6300	3400	—	79	140	•	•	•	•	•	•
	DFB30L	DFB30L3	6	1 ½	1035	11100	9700	7500	3500	79	165	•	•	•	•	•	•
	DFB30M	DFB30M3	6	2	1176	12300	10900	9000	6900	81	200	•	•	•	•	•	•
34"	—	DFB30P3	6	3	1360	13400	12400	11400	10300	84	215	—	•	—	•	—	•
	DFB34L	DFB34L3	4	1 ½	1170	13600	11100	6000	1000	82	175	•	•	•	•	•	•
	DFB34M	DFB34M3	4	2	1027	14600	12500	10000	8000	81	210	•	•	•	•	•	•
42"	—	DFB34P3	6	3	1175	17500	15800	14000	12000	85	275	—	•	—	•	—	•
	DFB42M	DFB42M3	4	2	820	20700	17000	11400	4000	80	260	•	•	•	•	•	•
	—	DFB42P3	4	3	890	23700	20000	71000	9950	82	275	—	•	—	•	—	•
48"	—	DFB42T3	4	5	850	26900	24000	22000	18000	82	325	—	•	—	•	—	•
	—	DFB48G3	6	5	800	33000	29000	25600	20000	85	375	—	•	—	•	—	•
—	DFB48H3	6	7 ½	900	37000	34500	31000	27000	87	430	—	•	—	•	—	•	

* NOTE: When ordering, add suffixes as follows: Open Drip Proof = ODP; Totally Enclosed = TE; Explosion Proof = EXP