

SIZE DWDI 180 TYPE PBA CENTRIFUGAL FAN

WHEEL DIAMETER=18.25" OUTLET AREA=3.442 SQ.FT. TIP SPEED=4.778xRPM MAXIMUM BHP=0.7(RPM/1000) CUBED

TOP WHITE AREA, CLASS I / TOP SHADED AREA, CLASS II / BOTTOM WHITE AREA, CLASS III/ BOTTOM SHADED AREA, CLASS IV

CFM	OV	0.25 SP		0.375 SP		0.5 SP		0.625 SP		0.75 SP		0.875 SP		1 SP		1.25 SP		1.5 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
2754	800	621	0.19	679	0.26	733	0.32	788	0.40	844	0.48	900	0.58	953	0.65	1053	0.84		
3098	900	669	0.24	724	0.31	773	0.38	823	0.46	872	0.54	918	0.62	972	0.71	1067	0.92	1159	1.13
3442	1000	722	0.29	770	0.37	817	0.45	862	0.53	906	0.61	951	0.70	994	0.80	1083	1.00	1171	1.23
3786	1100	775	0.35	820	0.44	864	0.52	906	0.61	946	0.70	987	0.79	1027	0.89	1109	1.10	1186	1.30
4130	1200	828	0.42	871	0.51	912	0.61	952	0.70	992	0.80	1027	0.89	1064	0.99	1138	1.20	1213	1.44
4475	1300	885	0.51	923	0.60	962	0.70	999	0.80	1035	0.90	1070	1.01	1101	1.10	1174	1.33	1242	1.57
4819	1400	942	0.60	977	0.70	1014	0.81	1047	0.91	1082	1.02	1115	1.23	1148	1.24	1213	1.47	1278	1.72
5163	1500	1000	0.71	1032	0.81	1066	0.93	1100	1.04	1132	1.16	1164	1.27	1193	1.38	1253	1.62	1315	1.88
5507	1600	1056	0.89	1088	1.00	1119	1.11	1152	1.23	1183	1.34	1212	1.46	1242	1.58	1298	1.81	1358	2.07
5851	1700	1113	0.96	1144	1.08	1174	1.20	1204	1.33	1234	1.46	1261	1.58	1290	1.71	1347	1.99	1403	2.27
6196	1800	1173	1.19	1203	1.25	1230	1.37	1259	1.50	1287	1.64	1314	1.80	1342	1.91	1390	2.16	1447	2.48
6540	1900	1232	1.29	1259	1.41	1275	1.49	1314	1.69	1338	1.81	1366	1.97	1391	2.10	1442	2.40	1494	2.71
6884	2000	1292	1.48	1317	1.61	1343	1.75	1368	1.88	1393	2.03	1418	2.17	1444	2.33	1494	2.62	1541	2.94
7572	2200	1410	1.90	1434	2.05	1458	2.20	1483	2.36	1504	2.50	1530	2.68	1549	2.82	1596	3.16	1640	3.49
8261	2400	1529	2.40	1552	2.56	1572	2.71	1597	2.90	1617	3.06	1640	3.24	1660	3.41	1702	3.76	1743	4.11
8949	2600	1649	2.99	1671	3.17	1693	3.36	1712	3.53	1732	3.71	1752	3.89	1770	4.06	1808	4.42	1847	4.81
9638	2800	1770	3.67	1786	3.83	1809	4.53	1828	4.24	1847	4.44	1866	4.64	1884	4.83	1919	5.21	1954	5.60
10326	3000	1892	4.47	1909	4.66	1928	4.87	1946	5.08	1964	5.28	1982	5.50	1999	5.70	2033	6.12	2065	6.52
11014	3200	2013	5.36	2029	5.56	2047	5.79	2064	6.01	2082	6.24	2099	6.48	2114	6.67	2146	7.11	2177	7.55
11702	3400	2134	6.37	2150	6.59	2166	6.81	2183	7.06	2199	7.29	2215	7.53	2230	7.76	2262	8.25	2291	8.70

CFM	OV	2 SP		2.5 SP		3 SP		3.5 SP		4 SP		4.5 SP		5 SP		5.5 SP		6 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
4130	1200	1359	1.94	1500	2.49	1630	3.07												
4475	1300	1374	2.06	1515	2.65	1640	3.24	1753	3.83	1878	4.55	1985	5.22						
4819	1400	1404	2.23	1529	2.80	1655	3.42	1770	4.07	1888	4.78	1995	5.49						
5163	1500	1434	2.41	1546	2.96	1669	3.66	1786	4.30	1898	5.01	2004	5.74	2105	6.50				
5507	1600	1470	2.58	1578	3.12	1680	3.73	1801	4.39	1908	5.08	2014	5.82	2115	6.57				
5851	1700	1505	2.81	1612	3.43	1715	4.06	1816	4.73	1922	5.48	2025	6.27	2124	7.07				
6196	1800	1548	3.06	1647	3.68	1743	4.31	1845	5.04	1938	5.73	2039	6.54	2135	7.36			2320	9.07
6540	1900	1590	3.31	1683	3.93	1779	4.62	1869	5.30	1965	6.07	2055	6.82	2151	7.68	2241	8.53	2330	9.41
6884	2000	1632	3.54	1725	4.24	1814	4.92	1903	5.64	1990	6.38	2078	7.16	2165	7.98	2256	8.88	2344	9.79
7572	2200	1727	4.18	1808	4.85	1890	5.57	1974	6.34	2056	7.13	2134	7.92	2217	8.78	2297	9.66	2373	10.52
8261	2400	1823	4.84	1903	5.61	1978	6.36	2056	7.17	2128	7.95	2205	8.80	2279	9.69	2349	10.53	2424	11.47
8949	2600	1924	5.61	1998	6.41	2068	7.20	2140	8.05	2213	8.94	2279	9.77	2349	10.68	2419	11.63	2486	12.55
9638	2800	2028	6.47	2099	7.34	2164	8.17	2228	9.01	2294	9.91	2358	10.85	2428	11.82	2490	12.74	2556	13.75
10326	3000	2133	7.41	2200	8.33	2263	9.23	2325	10.14	2392	11.16	2445	11.98	2510	13.02	2565	13.93	2631	15.04
11014	3200	2238	8.42	2304	9.44	2364	10.39	2425	11.38	2483	12.36	2545	13.43	2604	14.47	2650	15.30	2717	16.54
11702	3400	2351	9.67	2408	10.63	2468	11.68	2526	12.61	2582	13.76	2636	14.78	2695	15.92	2740	16.82	2806	18.16
12391	3600	2461	11.03	2518	12.02	2573	13.07	2629	14.18	2683	15.27	2735	16.35	2786	17.43	2840	18.61	2896	19.85
13080	3800	2574	12.41	2625	13.45	2678	14.56	2733	15.74	2786	16.92	2837	17.96	2886	19.21	2933	20.32	2986	21.59
13768	4000	2687	13.98	2737	15.09	2786	16.21	2837	17.41	2890	18.68	2938	19.87	2988	21.12	3034	22.30	3080	23.50

CFM	OV	6.5 SP		7 SP		7.5 SP		8 SP		9 SP		In SP		11 SP		12 SP		13 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
7572	2200	2456	11.50	2536	12.49	2614	13.49												
8261	2400	2497	12.42	2567	13.36	2645	14.44	2713	15.42	2863	17.69	3000	19.91	3139	22.31				
8949	2600	2551	13.48	2618	14.47	2686	15.50	2755	16.57	2893	18.82	3028	21.16	3159	23.57	3284	25.99		
9638	2800	2620	14.76	2683	15.77	2742	16.75	2806	17.84	2932	20.06	3058	22.40	3188	24.94	3311	27.48		
10326	3000	2691	16.07	2752	17.15	2812	18.24	2870	19.31	2981	21.44	3088	23.88	3217	26.27	3340	28.96	3458	31.67
11014	3200	2772	17.59	2824	18.59	2882	19.74	2940	20.91	3050	23.20	3155	25.74	3266	27.97	3376	30.54	3498	33.52
11702	3400	2858	19.24	2911	20.36	2961	21.44	3012	22.58	3120	24.99	3225	27.45	3328	29.95	3426	32.41	3518	35.19
12391	3600	2948	21.02	2999	22.20	3048	23.35	3090	24.50	3192	26.84	3295	29.45	3394	32.04	3490	34.63	3581	37.16
13080	3800	3038	22.87	3088	24.12	3137	25.39	3185	26.61	3277	29.05	3367	31.50	3465	34.26	3559	36.98	3650	39.70
13768	4000	3129	24.81	3179	26.16	3227	27.48	3272	28.74	3363	31.34	3451	33.93	3538	36.56	3630	39.41	3720	42.28
14456	4200	3223	26.89	3270	28.26	3317	29.66	3363	31.04	3452	33.28	3539	36.53	3621	39.19	3700	41.82	3791	44.92
15144	4400	3323	29.24	3367	30.62	3409	31.96	3455	33.44	3542	36.32	3628	39.24	3709	42.06	3788	44.87	3867	47.74
15833	4600	3426	31.78	3468	33.20	3507	34.53	3548	35.96	3633	38.96	3717	40.01	3799	45.07	3877	48.03	3951	50.91
16521	4800	3528	34.41	3569	35.90	3608	37.32	3648	38.81	3725	41.72	3808	44.94	3888	48.11	3964	51.19	4040	54.44
17210	5000	3632	37.24	3672	38.78	3710	40.27	3748	41.77	3822	44.76	3900	47.98	3978	51.27	4053	54.51	4128	57.81

Performance Shown Is for Installation type B - Free Inlet. Ducted outlet
Power ratings (BHP) do not include drive losses
Performance ratings do not include the effects of appurtenances in the airstream

SIZE DWDI 200 TYPE PBA CENTRIFUGAL FAN

WHEEL DIAMETER=20" OUTLET AREA=4.2057 SQ.FT. TIP SPEED=5.24xRPM MAXIMUM BHP=1.19(RPM/1000) CUBED

TOP WHITE AREA, CLASS I / TOP SHADED AREA, CLASS II / BOTTOM WHITE AREA, CLASS III/ BOTTOM SHADED AREA, CLASS IV

CFM	OV	0.25 SP		0.375 SP		0.5 SP		0.625 SP		0.75 SP		0.875 SP		1 SP		1.25 SP		1.5 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
3364	800	573	0.24	625	0.32	673	0.40	725	0.49	773	0.58	822	0.69	875	0.80				
3785	900	620	0.30	665	0.38	712	0.47	757	0.56	801	0.62	845	0.77	889	0.88	978	1.12		
4205	1000	668	0.36	711	0.46	752	0.55	793	0.65	833	0.75	874	0.86	914	0.98	992	1.22	1072	1.49
4626	1100	717	0.44	757	0.54	795	0.64	833	0.75	870	0.86	907	0.97	944	1.09	1014	1.33	1089	1.61
5047	1200	770	0.54	806	0.64	841	0.75	876	0.86	912	0.98	944	1.10	978	1.22	1045	1.48	1110	1.75
5467	1300	820	0.64	855	0.75	888	0.87	921	0.99	953	1.11	984	1.23	1016	1.37	1078	1.63	1140	1.92
5888	1400	875	0.77	906	0.88	937	1.00	968	1.13	997	1.26	1027	1.39	1057	1.53	1115	1.81	1175	2.11
6308	1500	925	0.89	958	1.03	987	1.16	1016	1.29	1044	1.43	1072	1.57	1099	1.70	1154	2.00	1209	2.31
6729	1600	980	1.05	1010	1.19	1038	1.33	1065	1.47	1091	1.61	1118	1.76	1144	1.90	1196	2.21	1250	2.54
7149	1700	1033	1.22	1062	1.37	1089	1.52	1115	1.66	1140	1.81	1165	1.96	1190	2.12	1240	2.44	1290	2.78
7570	1800	1089	1.41	1115	1.57	1141	1.72	1165	1.88	1190	2.04	1213	2.19	1237	2.36	1284	2.69	1332	3.04
7990	1900	1144	1.63	1169	1.79	1193	1.95	1217	2.12	1240	2.28	1263	2.45	1285	2.61	1331	2.97	1375	3.32
8411	2000	1198	1.86	1223	2.03	1246	2.20	1268	2.37	1291	2.55	1313	2.72	1334	2.89	1379	3.21	1420	3.63
9252	2200	1308	2.39	1331	2.58	1352	2.77	1373	2.95	1394	3.14	1414	3.33	1434	3.52	1476	3.93	1513	4.31
10093	2400	1419	3.03	1440	3.23	1468	3.44	1480	3.64	1499	3.84	1518	4.05	1537	4.26	1575	4.69	1610	5.11
10934	2600	1532	3.79	1550	3.99	1561	4.22	1587	4.43	1605	4.65	1623	4.88	1640	5.09	1676	5.56	1710	6.02
11776	2800	1643	4.64	1661	4.88	1678	5.11	1696	5.35	1713	5.59	1729	5.82	1746	6.06	1780	6.57	1810	7.02
12617	3000	1755	5.63	1772	5.88	1788	6.13	1805	6.39	1821	6.65	1837	6.90	1852	7.15	1885	7.70	1914	8.20

CFM	OV	2 SP		2.5 SP		3 SP		3.5 SP		4 SP		4.5 SP		5 SP		5.5 SP		6 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
5047	1200	1242	2.35	1377	3.06														
5467	1300	1264	2.54	1386	3.23	1505	3.98	1612	4.73										
5888	1400	1289	2.74	1397	3.40	1516	4.19	1623	4.99	1722	5.79								
6308	1500	1318	2.96	1422	3.65	1525	4.39	1634	5.24	1733	6.08	1828	6.95						
6729	1600	1349	3.20	1446	3.89	1547	4.67	1645	5.48	1747	6.40	1843	7.32	1930	8.22				
7149	1700	1383	3.45	1480	4.20	1572	4.97	1665	5.79	1757	6.66	1852	7.63	1944	8.62	2026	9.57	2110	10.60
7570	1800	1422	3.75	1513	4.51	1600	5.29	1688	6.12	1778	7.03	1863	7.94	1953	8.96	2038	9.98	2118	11.00
7990	1900	1462	4.06	1547	4.83	1631	5.64	1715	6.49	1800	7.40	1884	8.35	1965	9.32	2050	10.39	2135	11.52
8411	2000	1503	4.39	1584	5.18	1665	6.02	1745	6.88	1823	7.77	1904	8.74	1984	9.75	2062	10.78	2145	11.93
9252	2200	1589	5.12	1664	5.97	1738	6.84	1811	7.75	1884	8.69	1959	9.70	2032	10.73	2104	11.78	2176	12.88
10093	2400	1681	5.98	1750	6.87	1819	7.80	1886	8.74	1953	9.72	2022	10.76	2092	11.86	2157	12.92	2222	14.02
10934	2600	1776	6.94	1840	7.88	1906	8.89	1970	9.91	2030	10.89	2096	12.00	2155	13.05	2218	14.19	2280	15.34
11776	2800	1873	8.02	1937	9.08	1995	10.08	2055	11.15	2114	12.23	2172	13.33	2229	14.44	2287	15.61	2345	16.80
12617	3000	1973	9.25	2030	10.30	2086	11.37	2145	12.54	2198	13.63	2255	14.83	2308	15.98	2362	17.17	2416	18.40
13458	3200	2075	10.62	2128	11.71	2181	12.84	2236	14.06	2290	15.27	2340	16.44	2391	17.65	2443	18.68	2494	20.20
14299	3400	2176	12.08	2228	13.27	2280	14.50	2330	15.71	2380	16.96	2430	18.24	2477	19.47	2526	20.78	2576	22.50
15140	3600	2280	13.75	2330	15.00	2379	16.28	2425	17.50	2475	18.87	2520	20.13	2566	21.45	2614	22.86	2659	24.20
15981	3800	2385	15.57	2434	16.93	2479	18.21	2524	19.52	2570	20.90	2615	22.27	2660	23.68	2704	25.08	2747	26.48
16822	4000	2490	17.55	2535	18.91	2600	20.93	2624	21.70	2669	23.17	2710	24.53	2753	25.99	2795	27.44	2837	28.92

CFM	OV	6.5 SP		7 SP		7.5 SP		8 SP		9 SP		10 SP		11 SP		12 SP		13 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
9252	2200	2250	14.05	2323	15.26	2392	16.45	2468	17.81	2538	20.27	2727	22.89						
10093	2400	2290	15.20	2354	16.36	2423	17.59	2487	18.88	2622	21.62	2750	24.30	2867	27.09				
10934	2600	2343	16.51	2404	17.76	2462	18.94	2525	20.26	2642	22.81	2772	25.82	2889	28.69	3008	31.77	3115	34.69
11776	2800	2403	18.03	2451	19.06	2518	20.56	2573	21.81	2686	24.49	2795	27.20	2918	30.42	3032	33.56	3137	36.59
12617	3000	2469	19.63	2523	20.92	2577	22.23	2631	23.57	2731	26.25	2846	29.24	2948	32.13	3052	35.15	3160	38.45
13458	3200	2544	21.47	2595	22.80	2644	24.10	2695	25.49	2794	28.26	2895	31.19	2995	34.22	3095	37.36	3192	40.52
14299	3400	2624	23.49	2669	24.77	2718	26.19	2765	27.58	2859	30.44	2956	33.49	3049	36.52	3141	39.62	3236	42.93
15140	3600	2706	25.63	2749	26.96	2796	28.45	2840	29.86	2929	32.79	3022	35.95	3110	39.04	3200	42.30	3287	45.55
15981	3800	2790	27.90	2833	29.35	2879	30.92	2920	32.35	3004	35.34	3090	38.50	3176	41.75	3262	45.09	3345	48.41
16822	4000	2879	30.43	2919	31.89	2961	33.44	3006	35.13	3083	38.09	3165	41.34	3246	44.63	3327	48.00	3408	51.47
17664	4200	2970	33.14	3008	34.63	3050	36.31	3087	37.81	3166	41.08	3245	44.44	3321	47.75	3399	51.24	3479	54.91
18505	4400	3062	36.00	3111	38.08	3139	39.29	3175	40.85	3250	44.19	3326	47.66	3402	51.21	3475	54.70	3549	58.33
19346	4600	3157	39.12	3194	40.81	3230	42.47	3266	44.15	3338	47.58	3411	51.15	3484	54.80	3552	58.27	3623	61.98
20187	4800	3253	42.44	3288	44.14	3324	45.92	3358	47.62	3428	51.19	3497	54.79	3566	58.47	3635	62.24	3706	66.19
21028	5000	3350	45.95	3384	47.73	3419	49.57	3453	51.39	3518	54.93	3585	58.66	3654	62.58	3718	66.29	3789	70.50

Performance Shown Is for Installation type B - Free Inlet. Ducted outlet
Power ratings (BHP) do not include drive losses
Performance ratings do not include the effects of appurtenances in the airstream

SIZE DWDI 220 TYPE PBA CENTRIFUGAL FAN

WHEEL DIAMETER=22.25" OUTLET AREA=5.13 SQ.FT. TIP SPEED=5.79xRPM MAXIMUM BHP=2.02(RPM/1000) CUBED

TOP WHITE AREA, CLASS I / TOP SHADED AREA, CLASS II / BOTTOM WHITE AREA, CLASS III / BOTTOM SHADED AREA, CLASS IV

CFM	OV	0.25 SP		0.375 SP		0.5 SP		0.625 SP		0.75 SP		0.875 SP		1 SP		1.25 SP		1.5 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
4104	800	514	0.30	559	0.39	604	0.49	650	0.60	690	0.70	735	0.83	784	0.98	866	1.26		
4617	900	553	0.36	595	0.46	637	0.57	678	0.69	716	0.81	758	0.94	798	1.08	875	1.37	951	1.69
5130	1000	596	0.44	634	0.55	673	0.67	710	0.80	746	0.92	782	1.05	819	1.20	891	1.50	961	1.82
5643	1100	640	0.54	675	0.66	710	0.78	745	0.91	778	1.05	811	1.19	845	1.33	910	1.64	977	1.98
6156	1200	685	0.65	718	0.78	751	0.91	783	1.05	812	1.18	843	1.33	875	1.49	936	1.81	995	2.14
6669	1300	731	0.77	762	0.91	793	1.06	822	1.20	849	1.34	879	1.50	908	1.66	965	2.00	1022	2.35
7182	1400	777	0.92	807	1.07	836	1.22	863	1.37	890	1.53	917	1.69	942	1.85	997	2.20	1049	2.56
7695	1500	824	1.08	852	1.24	880	1.41	906	1.57	930	1.72	956	1.90	981	2.07	1030	2.42	1080	2.80
8208	1600	873	1.27	898	1.43	923	1.60	948	1.77	972	1.94	996	2.12	1020	2.31	1067	2.68	1115	3.08
8721	1700	920	1.47	945	1.65	970	1.84	993	2.01	1001	2.09	1038	2.38	1060	2.56	1106	2.95	1150	3.36
9234	1800	968	1.70	992	1.89	1014	2.07	1037	2.26	1059	2.46	1080	2.65	1102	2.85	1145	3.26	1187	3.68
9747	1900	1016	1.95	1040	2.16	1062	2.36	1083	2.55	1103	2.74	1123	2.94	1145	3.16	1185	3.58	1225	4.01
10260	2000	1065	2.23	1087	2.44	1108	2.65	1128	2.85	1148	3.06	1168	3.28	1188	3.49	1227	3.94	1262	4.35
11286	2200	1163	2.88	1182	3.09	1203	3.34	1222	3.57	1240	3.79	1258	4.01	1275	4.23	1312	4.72	1348	5.22
12312	2400	1260	3.62	1279	3.87	1298	4.13	1315	4.37	1332	4.61	1350	4.88	1366	5.11	1400	5.64	1433	6.16
13338	2600	1359	4.52	1376	4.78	1394	5.06	1410	5.32	1426	5.58	1441	5.83	1458	6.12	1490	6.68	1520	7.23
14364	2800	1457	5.53	1475	5.84	1491	6.13	1507	6.43	1521	6.69	1536	6.98	1550	7.25	1580	7.84	1610	8.46
15390	3000	1557	6.72	1572	7.02	1588	7.34	1602	7.64	1617	7.95	1630	8.24	1645	8.56	1672	9.17	1702	9.86

CFM	OV	2 SP		2.5 SP		3 SP		3.5 SP		4 SP		4.5 SP		5 SP		5.5 SP		6 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
6156	1200	1118	2.90	1230	3.70	1338	4.57	1440	5.49										
6669	1300	1125	3.12	1242	3.94	1347	4.84	1445	5.77										
7182	1400	1155	3.35	1253	4.16	1357	5.10	1452	6.07	1544	7.06								
7695	1500	1180	3.85	1274	4.45	1373	5.42	1465	6.40	1554	7.43	1640	8.50						
8208	1600	1207	3.90	1300	4.80	1388	5.72	1478	6.74	1564	7.78	1645	8.84	1729	10.02				
8721	1700	1238	4.22	1325	5.13	1410	6.08	1495	7.11	1579	8.19	1657	9.27	1738	10.46	1817	11.69	1890	12.91
9234	1800	1270	4.55	1354	5.50	1435	6.48	1515	7.51	1595	8.61	1670	9.70	1749	10.91	1826	12.17	1899	13.43
9747	1900	1305	4.93	1384	5.89	1462	6.91	1538	7.95	1612	9.03	1685	10.15	1764	11.43	1838	12.69	1909	13.97
10260	2000	1341	5.33	1417	6.33	1491	7.36	1564	8.43	1638	9.58	1706	10.68	1781	11.96	1852	13.24	1921	14.54
11286	2200	1417	6.21	1486	7.26	1553	8.33	1623	9.50	1690	10.67	1752	11.80	1822	13.14	1886	14.41	1950	15.73
12312	2400	1498	7.23	1561	8.33	1623	9.46	1687	10.67	1749	11.89	1808	13.10	1871	14.44	1932	15.79	1994	17.20
13338	2600	1581	8.37	1640	9.54	1698	10.73	1757	12.00	1814	13.26	1868	14.50	1928	15.91	1985	17.31	2042	18.75
14364	2800	1667	9.67	1722	10.90	1777	12.17	1832	13.49	1885	14.80	1936	16.11	1992	17.58	2045	19.01	2098	20.49
15390	3000	1755	11.13	1807	12.42	1858	13.74	1910	15.13	1960	16.51	2007	17.84	2060	19.39	2110	20.88	2160	22.41
16416	3200	1844	12.73	1894	14.12	1942	15.50	1990	16.92	2039	18.42	2083	19.80	2133	21.46	2180	22.95	2227	24.53
17442	3400	1935	14.54	1982	15.98	2028	17.44	2075	18.98	2120	20.49	2162	21.94	2209	23.59	2252	25.15	2299	26.88
18468	3600	2025	16.46	2071	18.01	2115	19.55	2160	21.16	2203	22.75	2242	24.22	2288	25.99	2330	27.65	2372	29.34
19494	3800	2119	18.68	2162	20.27	2204	21.87	2246	23.52	2287	25.17	2325	26.74	2368	28.55	2409	30.31	2449	32.06
20520	4000	2212	21.04	2253	22.70	2293	24.36	2334	26.12	2374	27.87	2410	29.48	2451	31.35	2490	33.17	2528	34.97

CFM	OV	6.5 SP		7 SP		7.5 SP		8 SP		9 SP		10 SP		11 SP		12 SP		13 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
11286	2200	2016	17.15	2081	18.61	2143	20.05	2203	21.51	2324	24.61	2445	22.97						
12312	2400	2051	18.54	2110	19.99	2170	21.51	2230	23.08	2342	26.18	2456	29.49	2565	32.93	2673	36.48		
13338	2600	2097	20.17	2153	21.67	2200	23.11	2260	24.67	2370	27.92	2480	31.38	2588	34.97	2688	38.48	2789	42.21
14364	2800	2148	21.92	2203	23.53	2255	25.10	2304	26.61	2404	29.82	2508	33.33	2612	37.02	2712	40.75	2808	44.51
15390	3000	2210	23.98	2258	25.53	2308	27.17	2354	28.72	2448	32.00	2546	35.56	2645	39.25	2738	43.03	2833	46.98
16416	3200	2274	26.15	2320	27.77	2366	29.42	2410	31.04	2500	34.44	2593	38.10	2685	41.87	2774	45.66	2863	49.60
17442	3400	2341	28.46	2386	30.19	2428	31.83	2471	33.55	2558	37.12	2643	40.73	2733	44.70	2817	48.54	2900	52.46
18468	3600	2414	31.07	2456	32.82	2497	34.57	2536	36.26	2620	39.99	2700	43.66	2785	47.70	2864	51.57	2946	55.72
19494	3800	2489	33.84	2528	35.61	2568	37.46	2606	39.24	2685	43.04	2761	46.80	2840	50.83	2918	54.93	2996	59.16
20520	4000	2566	36.81	2605	38.73	2642	40.57	2678	42.40	2753	46.28	2827	50.23	2903	54.40	2976	58.52	3049	62.74
21546	4200	2646	40.05	2682	41.96	2718	43.89	2753	45.81	2825	49.82	2895	53.83	2968	58.13	3038	62.35	3108	66.96
22572	4400	2728	43.53	2762	45.47	2798	47.55	2830	49.43	2900	53.63	2966	57.68	3036	62.10	3103	66.42	3171	70.91
23598	4600	2812	47.28	2845	49.30	2878	51.35	2910	53.37	2976	57.61	3040	61.82	3107	66.33	3172	70.81	3237	75.39
24624	4800	2896	51.20	2927	53.24	2960	55.43	2991	57.52	3054	61.85	3116	66.21	3181	70.88	3242	75.36	3305	80.09
25650	5000	3001	56.77	3012	57.54	3043	59.75	3073	61.91	3135	66.45	3195	70.95	3257	75.69	3316	80.31	3378	85.25

Performance Shown Is for Installation type B - Free Inlet, Ducted outlet
Power ratings (BHP) do not include drive losses
Performance ratings do not include the effects of appurtenances in the airstream

SIZE DWDI 240 TYPE PBA CENTRIFUGAL FAN

WHEEL DIAMETER=24.25" OUTLET AREA=6.27 SQ.FT. TIP SPEED=6,348xRPM MAXIMUM BHP=9.00(RPM/1000) CUBED

TOP WHITE AREA, CLASS I / TOP SHADED AREA, CLASS II / BOTTOM WHITE AREA, CLASS III/ BOTTOM SHADED AREA, CLASS IV

CFM	OV	0.25 SP		0.375 SP		0.5 SP		0.625 SP		0.75 SP		0.875 SP		1 SP		1.25 SP		1.5 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
5016	800	503	0.33	548	0.44	590	0.56	626	0.67	663	0.79	700	0.92	760	1.19				
5643	900	545	0.42	585	0.53	628	0.66	662	0.78	697	0.92	728	1.05	790	1.34				
6270	1000	582	0.50	625	0.64	664	0.78	700	0.92	730	1.05	760	1.19	847	1.65				
6897	1100	623	0.63	658	0.74	702	0.91	735	1.06	767	1.21	798	1.37	825	1.52	877	1.83	929	2.17
7524	1200	662	0.76	702	0.89	740	1.06	773	1.22	803	1.38	833	1.54	860	1.71	914	2.07	960	2.41
8151	1300	703	0.89	745	1.05	780	1.24	810	1.41	843	1.58	870	1.75	898	1.93	947	2.29	996	2.68
8778	1400	750	1.08	780	1.19	820	1.41	850	1.59	880	1.78	906	1.96	935	2.17	982	2.53	1028	2.93
9405	1500	800		828	1.41	858	1.61	890	1.82	920	2.03	945	2.21	970	2.40	1020	2.82	1063	3.22
10032	1600	840	1.41	866	1.59	902	1.85	930	2.05	958	2.27	983	2.47	1007	2.67	1056	3.12	1102	3.56
10659	1700	885	1.62	908	1.82	938	2.05	970	2.31	1000	2.56	1023	2.77	1048	3.00	1095	3.46	1138	3.92
11286	1800	933	1.88	956	2.10	983	2.35	1000	2.53	1035	2.82	1063	3.09	1086	3.32	1132	3.79	1173	4.28
11913	1900	978	2.16	1003	2.60	1023	2.61	1052	2.89	1077	3.16	1104	3.43	1125	3.66	1170	4.17	1211	4.66
12540	2000	1025	2.48	1052	2.75	1070	2.97	1095	3.23	1116	3.47	1142	3.77	1165	4.04	1210	4.59	1250	5.09
13794	2200	1120	3.17	1142	3.45	1160	3.70	1182	4.01	1203	4.25	1223	4.56	1245	4.87	1288	5.47	1328	6.08
15048	2400	1220	4.05	1235	4.32	1250	4.59	1270	4.88	1287	5.18	1307	5.45	1327	5.81	1365	6.46	1407	7.14
16302	2600	1310	4.96	1328	5.29	1345	5.62	1360	5.94	1376	6.23	1393	6.57	1412	6.89	1450	7.61	1486	8.36
17556	2800	1407	6.13	1423	6.49	1442	6.91	1453	7.10	1467	7.47	1482	7.78	1500	8.19	1533	8.92	1568	9.68
18810	3000	1505	7.48	1520	7.81	1530	8.08	1545	8.49	1560	9.00	1580	9.35	1588	9.54	1618	10.32	1650	11.18

CFM	OV	2 SP		2.5 SP		3 SP		3.5 SP		4 SP		4.5 SP		5 SP		5.5 SP		6 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
7524	1200	1056	3.16																
8150	1300	1082	3.44																
8778	1400	1113	3.75			1276	5.52												
9405	1500	1145	4.08			1300	5.92												
10032	1600	1182	4.47			1325	6.33	1396	7.32										
10659	1700	1215	4.83			1357	6.80	1423	7.80	1492	8.92								
11286	1800	1253	5.26			1325	6.29	1390	7.30	1455	8.38	1516	9.45						
11913	1900	1288	5.69			1360	6.77	1425	7.85	1487	8.94	1548	10.09	1608	11.27	1668	12.49		
12540	2000	1322	6.14			1398	7.30	1460	8.39	1522	9.59	1580	10.73	1635	11.89	1693	13.17	1752	14.47
13794	2200	1403	7.25			1468	8.42	1533	9.64	1592	10.88	1648	12.12	1703	13.43	1755	14.70	1806	16.02
15048	2400	1480	8.44			1545	9.71	1607	11.05	1663	12.27	1720	13.71	1770	15.02	1822	16.44	1870	17.79
16302	2600	1557	9.74			1620	11.11	1680	12.51	1737	13.94	1790	15.30	1842	16.80	1892	18.30	1938	19.76
17556	2800	1636	11.19			1700	12.75	1766	14.16	1810	15.65	1863	17.21	1913	18.04	1963	20.27	2008	21.79
18810	3000	1715	12.84			1778	14.44	1834	16.06	1888	17.58	1938	19.17	1988	20.67	2035	22.43	2082	24.13
20064	3200	1797	14.61			1855	16.25	1912	18.08	1965	19.76	2016	21.43	2062	23.09	2120	25.28	2155	26.64
21318	3400	1877	16.46			1938	18.45	1990	20.20	2043	22.08	2093	23.88	2138	25.56	2185	27.47	2228	29.31
22572	3600	1963	18.60			2017	20.66	2070	22.58	2122	24.50	2170	26.49	2218	28.42	2262	30.31	2305	32.25
23826	3800	2048	20.98			2100	23.05	2150	25.10	2200	27.11	2248	29.26	2293	31.29	2338	33.28	2381	35.27
25080	4000	2135	23.65			2183	25.77	2232	27.96	2280	30.11	2328	32.20	2372	34.37	2415	36.56	2457	38.63

CFM	OV	6.5 SP		7 SP		7.5 SP		8 SP		9 SP		10 SP		11 SP		12 SP		13 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
13794	2200	1908	18.69																
15048	2400	1963	20.57			2012	22.08												
16302	2600	2030	22.75			2073	24.23	2116	25.77	2160	27.38	2248	30.73						
17556	2800	2100	25.08			2140	26.66	2183	28.30	2223	29.88	2303	33.19	2379	36.35				
18810	3000	2168	27.48			2210	29.20	2253	30.97	2290	32.64	2368	36.12	2443	39.66	2520	43.39	2597	47.29
20064	3200	2240	30.11			2280	31.86	2320	33.67	2358	35.51	2437	39.32	2508	42.91	2580	46.71	2650	50.58
21318	3400	2313	32.94			2353	34.94	2393	36.80	2430	38.61	2506	42.58	2577	46.50	2647	50.44	2713	54.31
22572	3600	2388	36.17			2427	38.06	2465	39.87	2503	41.93	2576	46.00	2648	50.18	2715	54.32	2781	58.50
23826	3800	2462	39.29			2500	41.46	2538	43.47	2576	46.50	2648	49.64	2717	53.97	2785	58.25	2848	62.63
25080	4000	2538	42.86			2576	45.06	2613	47.29	2650	49.43	2720	53.57	2790	58.06	2855	62.62	2920	67.21
26334	4200	2615	46.57			2652	48.79	2690	51.25	2723	53.51	2795	58.12	2862	62.41	2927	67.05	2988	71.48
27588	4400	2693	50.86			2730	52.99	2765	56.29	2800	57.67	2868	62.53	2935	67.23	3000	71.88	3062	76.76
28842	4600	2770	55.16			2808	57.53	2842	59.78	2878	62.29	2944	67.19	3010	72.36	3073	77.25	3133	81.86
30096	4800	2848	59.49			2883	62.06	2918	64.63	2955	67.20	3020	72.05	3086	77.38	3147	82.61	3210	87.95
31350	5000	2928	64.35			2963	67.07	3000	69.84	3032	72.34	3098	77.43	3161	82.80	3225	88.32	3283	93.79

Performance Shown Is for Installation type B - Free Inlet. Ducted outlet
Power ratings (BHP) do not include drive losses
Performance ratings do not include the effects of appurtenances in the airstream

SIZE DWDI 270 TYPE PBA CENTRIFUGAL FAN

WHEEL DIAMETER=27" OUTLET AREA=7.42 SQ.FT. TIP SPEED=6.3486xRPM MAXIMUM BHP=9.00(RPM/1000) CUBED

TOP WHITE AREA, CLASS I / TOP SHADED AREA, CLASS II / BOTTOM WHITE AREA, CLASS III/ BOTTOM SHADED AREA, CLASS IV

CFM	OV	0.25 SP		0.375 SP		0.5 SP		0.625 SP		0.75 SP		0.875 SP		1 SP		1.25 SP		1.5 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
5928	800	439	0.38	482	0.51	519	0.65	552	0.78	585	0.93	618	1.08	671	1.39	748	1.93		
6669	900	473	0.47	515	0.62	548	0.75	582	0.91	615	1.08	643	1.23	700	1.59				
7410	1000	508	0.57	545	0.73	580	0.89	612	1.05	642	1.22	670	1.39	723	1.75	775	2.17	821	2.55
8151	1100	540	0.68	580	0.86	613	1.03	644	1.21	673	1.40	703	1.60	755	1.98	805	2.63		
8892	1200	575	0.81	615	1.02	645	1.20	677	1.40	703	1.58	730	1.78	786	2.19	830	2.64	848	2.83
9633	1300	610	0.96	645	1.17	678	1.39	706	1.58	735	1.79	762	2.02	817	2.48	868	3.00	875	3.11
10374	1400	650	1.15	685	1.38	714	1.59	741	1.80	768	2.03	793	2.26	848	2.75	892	3.24	903	3.40
11115	1500	687	1.34	718	1.58	745	1.82	776	2.07	803	2.30	825	2.52	880	3.16	923	3.57	932	3.71
11856	1600	723	1.54	753	1.80	780	2.04	806	2.29	835	2.58	867	2.90	913	3.39	955	3.93	965	4.11
12597	1700	763	1.80	790	2.07	815	2.31	843	2.63	868	2.87	892	3.15	945	3.74	988	4.33	1000	4.55
13338	1800	803	2.06	827	2.35	852	2.62	878	2.91	903	3.21	925	3.49	980	4.16	1020	4.73	1028	4.90
14079	1900	845	2.39	865	2.67	888	2.92	910	3.22	935	3.52	958	3.82	1013	4.57	1053	5.18	1058	5.34
14820	2000	885	2.72	903	3.00	925	3.31	948	3.62	970	3.92	998	4.37	1043	5.06	1083	5.66	1093	5.86
16302	2200	965	3.49	982	3.79	1002	4.15	1020	4.45	1040	4.78	1061	5.14	1102	5.56	1120	6.17	1157	6.87
17784	2400	1045	4.42	1076	4.91	1077	5.07	1095	5.43	1115	5.81	1132	6.15	1150	6.51	1188	7.24	1225	8.07
19266	2600	1126	5.43	1142	5.82	1157	6.19	1172	6.55	1188	6.95	1203	7.30	1222	7.72	1257	8.51	1293	9.42
20748	2800	1210	6.69	1223	7.06	1236	7.46	1250	7.84	1265	8.34	1280	8.70	1295	9.10	1328	9.96	1362	10.84
22230	3000	1290	8.06	1303	8.48	1318	8.94	1330	9.32	1343	9.74	1356	10.33	1368	10.62	1400	11.55	1432	12.69
23712	3200	1373	9.66	1383	10.06	1396	10.49	1410	10.95	1422	11.49	1435	11.88	1446	12.46	1475	13.36	1504	14.70
25194	3400	1455	11.43	1466	11.89	1478	12.38	1490	12.87	1503	13.42	1515	13.90	1521	14.28	1550	15.39	1575	17.05

CFM	OV	2 SP		2.5 SP		3 SP		3.5 SP		4 SP		4.5 SP		5 SP		5.5 SP		6 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
8892	1200	933	3.71																
9633	1300	955	4.02																
10374	1400	980	4.37	1057	5.43														
11115	1500	1008	4.75	1080	5.84	1149	6.95												
11856	1600	1035	5.12	1110	6.34	1172	7.44	1240	8.71										
12597	1700	1068	5.61	1135	6.78	1200	8.02	1260	9.24	1324	10.64	1387	11.99						
13338	1800	1100	6.10	1162	7.25	1220	8.42	1285	9.84	1343	11.16	1403	12.64						
14079	1900	1128	6.56	1195	7.82	1253	9.13	1312	10.48	1365	11.79	1423	13.26	1480	14.85	1537	16.37		
14820	2000	1162	7.12	1223	8.38	1284	9.78	1340	11.16	1392	12.51	1445	14.00	1500	15.54	1552	17.12	1607	18.77
16302	2200	1223	8.20	1286	9.67	1343	11.10	1400	12.66	1450	14.14	1500	15.65	1546	17.11	1595	18.81	1643	20.46
17784	2400	1290	9.56	1350	11.09	1406	12.63	1458	14.20	1508	14.94	1557	17.44	1603	18.92	1647	20.72	1690	22.39
19266	2600	1357	11.08	1413	12.61	1468	14.25	1520	15.99	1568	17.67	1616	19.04	1660	21.10	1705	22.94	1748	24.78
20748	2800	1423	12.51	1480	14.37	1533	16.19	1583	17.88	1631	19.72	1677	21.56	1720	22.98	1763	24.70	1805	27.17
22230	3000	1490	14.24	1546	16.32	1600	18.20	1648	20.08	1695	21.95	1740	23.87	1783	25.89	1824	27.81	1865	29.83
23712	3200	1558	16.22	1615	18.45	1665	20.44	1713	22.39	1758	24.37	1805	26.51	1845	28.51	1885	30.55	1925	32.69
25194	3400	1630	18.55	1682	20.63	1731	22.78	1780	25.00	1825	27.08	1867	29.19	1910	31.41	1948	33.49	1988	35.71
26676	3600	1700	20.82	1750	23.07	1800	25.41	1846	27.50	1891	29.97	1932	32.13	1973	34.51	2013	36.77	2050	38.97
28158	3800	1772	23.41	1820	25.75	1868	28.06	1913	30.53	1957	33.11	2000	35.46	2040	37.82	2077	39.99	2115	42.49
29640	4000	1845	26.33	1891	28.75	1936	31.24	1982	33.40	2025	36.37	2065	38.90	2105	41.31	2143	43.85	2180	46.47

CFM	OV	6.5 SP		7 SP		7.5 SP		8 SP		9 SP		In SP		11 SP		12 SP		13 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
16302	2200	1691	21.80	1740	24.06	1791	25.90	1840	27.89										
17784	2400	1734	24.09	1780	28.06	1825	27.90	1868	29.85	1961	33.82								
19266	2600	1787	26.47	1828	28.34	1868	30.27	1910	32.20	1992	36.23	2081	41.13						
20748	2800	1845	29.27	1884	31.01	1923	32.99	1960	34.93	2035	39.03	2110	43.12	2188	42.05				
22230	3000	1905	31.84	1943	33.87	1980	36.00	2016	37.99	2085	42.05	2165	46.97	2230	52.49	2300	54.94	2373	60.94
23712	3200	1965	34.20	2000	36.18	2038	39.11	2075	41.28	2142	45.57	2210	50.08	2275	54.63	2340	59.20	2408	63.15
25194	3400	2032	38.39	2063	39.58	2098	42.32	2133	44.69	2202	49.33	2266	53.95	2330	58.68	2390	63.34	2453	68.42
26676	3600	2089	41.44	2123	43.71	2158	45.30	2195	48.07	2260	53.34	2325	58.07	2385	62.91	2445	67.81	2505	72.93
28158	3800	2150	44.82	2187	47.39	2222	49.87	2255	52.55	2322	57.00	2383	61.26	2445	67.65	2505	72.93	2560	77.84
29640	4000	2215	48.74	2250	51.35	2286	54.12	2318	56.57	2383	61.82	2445	65.99	2506	70.94	2563	77.79	2620	83.15
31122	4200	2280	53.07	2315	55.74	2350	58.60	2380	61.20	2446	66.43	2508	71.94	2565	76.07	2620	82.42	2678	88.67
32604	4400	2347	57.60	2380	60.16	2413	63.02	2445	65.56	2510	71.52	2570	77.16	2625	82.63	2683	87.06	2738	94.38
34086	4600	2410	62.05	2446	64.98	2478	67.79	2510	70.93	2573	77.04	2630	82.42	2690	88.77	2745	93.24	2800	100.61
35568	4800	2481	67.52	2513	70.29	2545	73.07	2575	76.07	2637	82.25	2695	88.24	2752	94.61	2807	100.53	2860	106.86
37050	5000	2517	70.32	2575	75.54	2610	78.75	2642	81.75	2703	88.18	2760	94.30	2816	100.83	2870	107.31	2923	113.52

Performance Shown Is for Installation type B - Free Inlet. Ducted outlet
Power ratings (BHP) do not include drive losses
Performance ratings do not include the effects of appurtenances in the airstream

SIZE DWDI

300 TYPE PBA CENTRIFUGAL FAN

WHEEL DIAMETER=30" OUTLET AREA=9.5275 SQ.FT. TIP SPEED=7.84xRPM MAXIMUM BHP=9.00(RPM/1000) CUBED

TOP WHITE AREA, CLASS I / TOP SHADED AREA, CLASS II / BOTTOM WHITE AREA, CLASS III / BOTTOM SHADED AREA, CLASS IV

CFM	OV	0.25 SP		0.375 SP		0.5 SP		0.625 SP		0.75 SP		0.875 SP		1 SP		1.25 SP		1.5 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
7622	800	335	0.47	376	0.65	410	0.89	445	1.02	475	1.21	505	1.41	533	1.62	595	2.19	650	2.76
9528	1000	382	0.70	430	1.00	460	1.21	482	1.36	503	1.51	531	1.73	555	1.96	605	2.46	660	3.21
11433	1200	439	1.02	465	1.27	505	1.62	522	1.77	545	1.98	567	2.22	597	2.54	636	2.98	674	3.47
13339	1400	493	1.44	517	1.71	551	2.07	569	2.33	588	2.54	611	2.83	636	3.18	670	3.62	708	4.21
15244	1600	551	1.97	573	2.28	595	2.61	616	2.91	637	3.27	661	3.64	685	4.02	713	4.46	751	5.15
17150	1800	608	2.60	635	2.98	655	3.42	670	3.72	690	4.09	712	4.51	733	4.99	755	5.35	788	6.06
19055	2000	665	3.25	690	3.86	710	4.27	729	4.71	746	5.19	763	5.53	782	5.98	804	6.59	833	7.26
20961	2200	722	4.27	743	4.75	767	5.33	781	5.68	797	6.15	814	6.62	830	7.08	854	7.82	878	8.58
22866	2400	785	5.46	805	6.02	824	6.50	839	6.97	850	7.36	865	7.83	879	8.33	904	9.15	928	10.04
24772	2600	846	6.83	863	7.36	879	7.86	891	8.29	905	8.75	920	9.28	934	9.88	960	10.93	985	11.89
26677	2800	910	8.46	925	8.93	940	9.52	953	10.03	965	10.56	976	11.01	989	11.54	1014	12.61	1038	13.82
28583	3000	968	10.18	981	10.65	994	11.22	1008	11.82	1022	12.37	1035	13.02	1048	13.66	1071	14.79	1093	15.87
30488	3200	1026	12.09	1040	12.67	1054	13.28	1068	13.99	1081	14.62	1094	15.23	1107	16.02	1128	17.03	1148	18.29
32394	3400	1088	14.38	1101	15.06	1114	15.60	1128	16.36	1141	17.18	1154	17.79	1160	18.25	1180	19.49	1200	20.70

CFM	OV	2 SP		2.5 SP		3 SP		3.5 SP		4 SP		4.5 SP		5 SP		5.5 SP		6 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
11433	1200	760	4.83	840	6.16	915	7.09												
13339	1400	784	5.51	857	7.03	925	8.47	1001	10.74										
15244	1600	819	6.52	880	7.47	942	9.43	1010	11.39	1068	13.04	1128	14.78	1194	18.03				
17150	1800	855	7.56	922	9.28	973	10.66	1029	12.36	1085	14.19	1142	16.37	1197	18.36	1248	20.80	1302	22.60
19055	2000	898	8.49	965	10.92	1004	11.95	1059	13.74	1111	15.71	1165	17.93	1220	20.54	1265	22.37	1313	24.56
20961	2200	945	10.50	1002	12.28	1044	13.76	1095	15.58	1143	17.28	1194	19.65	1242	22.00	1292	24.46	1327	26.60
22866	2400	996	12.41	1047	14.20	1085	15.60	1135	17.67	1184	19.69	1237	22.46	1275	23.99	1315	26.30	1355	28.51
24772	2600	1044	14.45	1090	16.19	1130	17.49	1175	19.80	1222	22.07	1270	24.54	1312	26.79	1355	29.12	1384	30.88
26677	2800	1092	16.35	1138	18.63	1174	20.22	1220	22.59	1268	25.07	1312	27.51	1349	29.48	1380	31.18	1420	33.80
28583	3000	1140	18.39	1181	20.92	1222	23.11	1263	25.30	1305	27.65	1354	30.60	1390	32.64	1429	35.38	1462	37.43
30488	3200	1188	20.76	1230	23.21	1273	26.09	1311	28.30	1351	30.75	1396	33.85	1438	36.91	1468	38.63	1502	41.18
32394	3400	1241	23.45	1283	26.22	1323	29.15	1359	31.81	1398	34.47	1437	37.01	1474	39.85	1507	42.38	1539	44.51
34299	3600	1295	26.33	1337	29.60	1374	32.27	1407	35.14	1445	38.10	1479	40.72	1509	42.89	1549	46.24	1586	49.54
36205	3800	1350	29.76	1391	32.86	1424	35.79	1455	38.57	1493	42.08	1528	45.11	1561	47.88	1595	50.72	1630	53.88
38110	4000	1405	33.03	1444	36.61	1474	39.72	1503	42.15	1539	45.78	1575	49.56	1606	52.50	1639	55.55	1672	58.64
40016	4200	1459	36.84	1497	40.44	1528	43.71	1554	46.52	1590	49.94	1625	53.54	1655	57.42	1686	60.46	1717	63.71
41921	4400	1515	41.25	1557	45.22	1584	48.30	1610	51.32	1642	54.83	1675	58.47	1703	61.37	1732	65.70	1761	68.96

CFM	OV	6.5 SP		7 SP		7.5 SP		8 SP		9 SP		10 SP		11 SP		12 SP		13 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
20961	2200	1372	28.55	1418	31.30	1464	33.77	1510	37.06										
22866	2400	1398	30.83	1437	33.66	1480	36.20	1520	38.61	1605	44.50	1685	50.94						
24772	2600	1430	33.67	1465	35.94	1500	38.09	1540	41.43	1617	46.61	1691	52.05	1769	59.27	1845	67.24	1913	75.11
26677	2800	1460	36.04	1498	39.50	1535	41.86	1575	44.99	1640	49.90	1710	55.56	1790	63.39	1855	68.34	1923	75.72
28583	3000	1492	39.40	1530	42.28	1567	44.58	1610	48.33	1680	54.83	1739	59.50	1814	67.36	1875	73.62	1935	79.66
30488	3200	1533	43.57	1568	45.73	1605	49.00	1640	52.07	1696	56.52	1763	63.01	1830	69.16	1895	76.71	1952	83.07
32394	3400	1575	47.48	1608	50.41	1642	52.78	1673	55.55	1734	61.25	1795	67.11	1855	73.69	1917	79.91	1978	87.69
34299	3600	1616	52.87	1647	54.48	1682	57.72	1707	60.16	1774	66.56	1835	73.12	1887	78.43	1942	84.77	2003	92.78
36205	3800	1659	56.76	1688	59.56	1717	62.30	1750	65.13	1813	72.08	1875	78.39	1928	84.60	1980	90.20	2035	97.54
38110	4000	1701	61.29	1733	64.70	1762	67.68	1790	70.53	1853	77.17	1917	85.25	1966	90.15	2019	96.78	2070	103.07
40016	4200	1747	66.65	1776	69.70	1805	73.07	1834	76.40	1899	83.30	1960	91.42	2013	96.35	2059	103.81	2102	109.75
41921	4400	1791	72.31	1820	75.36	1850	78.85	1879	82.54	1938	90.44	1997	97.57	2047	104.64	2097	111.53	2140	116.83
43827	4600	1835	78.24	1862	81.26	1893	85.38	1924	89.03	1981	96.73	2039	105.08	2087	111.00	2136	118.43	2180	125.30
45732	4800	1885	84.61	1913	88.72	1940	92.11	1972	96.52	2030	104.57	2083	112.45	2129	119.51	2175	126.23	2215	132.07
47638	5000	1929	90.55	1965	96.16	1990	99.42	2019	103.73	2076	108.13	2126	120.12	2170	127.13	2218	135.13	2260	140.62

Performance Shown Is for installation type B - Free Inlet. Ducted outlet
 Power ratings (BHP) do not include drive losses
 Performance ratings do not include the effects of appurtenances in the airstream

SIZE DWDI 330 TYPE PBA CENTRIFUGAL FAN

WHEEL DIAMETER=33" OUTLET AREA=11.00 SQ.FT. TIP SPEED=9.54xRPM MAXIMUM BHP=13.90(RPM/1000) CUBED

TOP WHITE AREA, CLASS I / TOP SHADED AREA, CLASS II / BOTTOM WHITE AREA, CLASS III/ BOTTOM SHADED AREA, CLASS IV

CFM	OV	0.25 SP		0.375 SP		0.5 SP		0.625 SP		0.75 SP		0.875 SP		1 SP		1.25 SP		1.5 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
8800	800	300	0.53	335	0.72	368	0.92	398	1.14	433	1.46	455	1.61	486	1.96	543	2.70	595	3.61
9900	900	321	0.66	353	0.86	384	1.08	412	1.30	446	1.61	465	1.80	490	2.06	543	2.70	595	3.61
11000	1000	342	0.79	371	1.01	403	1.27	428	1.49	454	1.74	478	2.00	502	2.28	549	2.91	595	3.61
12100	1100	365	0.96	391	1.19	419	1.45	444	1.69	469	1.95	493	2.23	517	2.55	559	3.14	602	3.86
13200	1200	389	1.15	418	1.45	437	1.66	462	1.93	487	2.23	510	2.53	531	2.81	571	3.41	610	4.07
14300	1300	412	1.35	437	1.65	460	1.93	480	2.19	505	2.53	526	2.81	546	3.11	586	3.74	624	4.45
15400	1400	436	1.58	460	1.91	483	2.23	503	2.53	523	2.83	543	3.14	561	3.41	602	4.13	638	4.82
16500	1500	460	1.84	487	2.26	505	2.55	525	2.87	542	3.16	562	3.51	581	3.82	618	4.54	653	5.30
17600	1600	486	2.15	507	2.51	530	2.93	547	3.24	563	3.54	581	3.89	604	4.36	635	4.97	670	5.76
18700	1700	510	2.47	531	2.87	554	3.32	569	3.63	584	3.97	605	4.40	629	4.94	654	5.50	689	6.33
19800	1800	534	2.81	555	3.24	578	3.73	592	4.08	610	4.50	626	4.88	644	5.31	672	6.01	706	6.91
20900	1900	558	3.19	579	3.65	600	4.15	614	4.54	632	4.99	650	5.45	661	5.74	693	6.60	724	7.48
22000	2000	584	3.65	603	4.09	621	4.55	637	5.01	654	5.51	669	5.93	685	6.38	713	7.20	745	8.20
25800	2200	635	4.66	654	5.17	671	5.67	685	6.16	704	6.76	716	7.23	730	7.67	760	8.72	784	9.58
26400	2400	687	5.85	703	6.42	718	6.90	734	7.46	751	8.13	762	8.58	775	9.13	808	10.42	830	11.38
28600	2600	741	7.28	756	7.86	770	8.43	786	9.05	800	9.69	812	10.26	822	10.72	852	12.15	872	13.14
30800	2800	795	8.97	808	9.53	823	10.21	836	10.80	847	11.32	858	11.96	863	12.35	898	14.06	920	15.33
33000	3000	848	10.86	859	11.42	871	12.01	884	12.66	897	13.45	908	14.00	921	14.79	945	16.23	966	17.61
35200	3200	900	12.93	912	13.56	924	14.31	936	14.97	948	15.75	956	16.27	970	17.07	991	18.61	1013	20.11
37400	3400	952	15.3	966	16.05	976	16.71	986	17.43	997	18.17	1008	18.93	1018	19.66	1039	21.19	1061	22.88

CFM	OV	2 SP		2.5 SP		3 SP		3.5 SP		4 SP		4.5 SP		5 SP		5.5 SP		6 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
13200	1200	688	5.55																
14300	1300	695	5.93	768	7.69														
15400	1400	710	6.45	774	8.10	841	10.06												
16500	1500	720	6.84	784	8.58	848	10.63	907	12.45										
17600	1600	736	7.40	802	9.42	854	11.07	913	13.15	970	15.36								
18700	1700	750	7.88	810	9.74	866	11.71	919	13.70	976	16.07	1028	18.28						
19800	1800	767	8.58	830	10.65	877	12.31	925	14.06	981	16.45	1034	19.10	1085	21.50				
20900	1900	784	9.27	840	11.15	892	13.04	942	15.20	991	17.32	1040	19.69	1091	22.34	1138	24.80		
22000	2000	800	9.94	856	11.90	907	13.90	957	16.07	1005	18.30	1049	20.55	1096	22.95	1144	25.87	1190	26.36
24200	2200	838	11.26	889	13.59	940	15.79	983	17.73	1032	20.38	1073	22.55	1118	25.20	1159	27.60	1202	30.53
26400	2400	879	13.48	925	15.52	972	17.79	1017	20.07	1061	22.39	1132	24.83	1143	27.43	1182	30.03	1223	32.98
28600	2600	920	15.46	965	17.82	1007	20.02	1052	22.57	1094	24.99	1134	27.55	1173	30.07	1211	32.82	1250	35.80
30800	2800	965	17.82	1008	20.38	1046	22.74	1085	25.14	1128	27.87	1167	30.54	1202	32.95	1243	36.07	1280	39.04
33000	3000	1009	20.36	1045	22.68	1086	25.45	1124	28.17	1163	30.96	1200	33.63	1238	36.49	1276	39.65	1307	41.94
35200	3200	1056	23.03	1090	25.71	1127	28.45	1165	31.42	1200	34.27	1239	37.37	1274	40.39	1308	43.29	1342	46.12
37400	3400	1100	26.15	1134	28.87	1172	31.93	1205	34.77	1241	37.98	1276	41.21	1312	44.46	1345	47.53	1377	50.61
39600	3600	1146	29.23	1181	32.42	1222	36.17	1249	38.72	1282	41.87	1318	45.41	1352	49.02	1381	51.94	1412	55.20
41800	3800	1194	32.74	1229	36.47	1268	40.21	1294	42.98	1324	46.21	1360	49.99	1389	53.25	1420	56.79	1453	60.38
44000	4000	1242	36.56	1278	40.54	1309	44.15	1336	47.12	1368	50.88	1397	54.18	1429	57.99	1461	61.97	1490	65.61

CFM	OV	6.5 SP		7 SP		7.5 SP		8 SP		9 SP		In SP		11 SP		12 SP		13 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
24200	2200	1243	32.90	1265	35.71	1328	39.06												
26400	2400	1259	35.46	1298	38.28	1339	41.94	1378	44.82	1454	51.50								
28600	2600	1283	38.24	1320	41.30	1367	44.49	1391	47.72	1465	54.81	1537	61.38						
30800	2800	1313	41.67	1347	44.80	1382	48.09	1418	51.52	1483	57.95	1549	65.06	1615	72.16	1680	79.80		
33000	3000	1343	45.22	1376	48.35	1411	51.71	1443	55.08	1504	61.60	1552	66.00	1630	76.46	1691	84.28	1755	92.60
35200	3200	1375	49.41	1406	52.21	1438	55.63	1471	59.07	1530	65.79	1591	73.22	1651	80.81	1707	88.57	1766	96.21
37400	3400	1408	53.79	1440	56.87	1470	60.26	1500	63.27	1560	70.45	1620	78.26	1673	85.49	1732	93.69	1784	101.10
39600	3600	1450	59.44	1474	61.84	1504	65.18	1533	68.48	1590	75.35	1646	82.76	1702	90.75	1756	98.86	1810	107.15
41800	3800	1498	66.30	1510	67.26	1540	71.07	1566	74.01	1623	81.26	1677	88.23	1732	96.61	1782	104.59	1835	113.27
44000	4000	1518	69.12	1548	73.02	1576	76.47	1599	79.86	1657	87.50	1710	95.05	1763	103.13	1809	110.30	1864	119.70
46200	4200	1555	74.72	1582	78.53	1612	82.61	1637	85.86	1690	93.93	1743	101.65	1794	109.53	1841	117.67	1892	126.70
48400	4400	1595	80.64	1622	84.80	1648	88.78	1675	93.21	1731	101.90	1778	108.95	1827	116.38	1877	125.70	1923	134.10
50600	4600	1636	87.02	1664	91.56	1685	95.07	1717	100.59	1765	108.65	1815	116.80	1866	125.46	1910	134.02	1958	142.97
52800	4800	1677	93.72	1699	97.46	1728	102.54	1756	107.60	1805	116.64	1854	125.44	1902	134.90	1944	141.85	1989	151.64
55000	5000	1719	100.94	1744	105.41	1770	110.20	1798	115.51	1841	124.00	1892	134.08	1936	142.84	1977	150.94	2020	160.39

Performance Shown Is for Installation type B - Free Inlet. Ducted outlet
Power ratings (BHP) do not include drive losses
Performance ratings do not include the effects of appurtenances in the airstream

SIZE DWDI 360 TYPE PBA CENTRIFUGAL FAN

WHEEL DIAMETER=36.4567" OUTLET AREA=14.90 SQ.FT. TIP SPEED=8.67xRPM MAXIMUM BHP=25.00(RPM/1000) CUBED

TOP WHITE AREA, CLASS I / TOP SHADED AREA, CLASS II / BOTTOM WHITE AREA, CLASS III/ BOTTOM SHADED AREA, CLASS IV

CFM	OV	0.25 SP		0.375 SP		0.5 SP		0.625 SP		0.75 SP		0.875 SP		1 SP		1.25 SP		1.5 SP			
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
11040	800	297	0.72	327	0.95	359	1.22	384	1.48	405	1.70	428	1.98	463	2.54						
12420	900	311	0.83	350	1.18	374	1.41	404	1.74	424	1.99	447	2.30	479	2.89						
13800	1000	337	1.06	366	1.36	397	1.72	421	2.02	441	2.29	463	2.61	517	3.52						
15180	1100	364	1.32	382	1.55	408	1.88	440	2.33	463	2.69	482	2.98	501	3.32	537	4.00	577	4.88		
16560	1200	384	1.52	407	1.86	428	2.17	454	2.58	484	3.08	498	3.35	518	3.73	556	4.52	591	5.32		
17940	1300	411	1.85	430	2.18	452	2.56	471	2.89	495	3.35	519	3.83	532	4.09	574	5.03	605	5.79		
19320	1400	433	2.12	453	2.51	475	2.95	490	3.25	511	3.69	533	4.17	554	4.66	587	5.47	621	6.36		
20700	1500	458	2.50	474	2.84	497	3.36	512	3.71	528	4.08	549	4.58	571	5.14	605	6.03	637	6.95		
22080	1600	484	2.90	500	3.30	517	3.75	536	4.24	551	4.62	570	5.14	590	5.68	622	6.62	654	7.62		
23460	1700	508	3.33	525	3.79	540	4.22	557	4.71	577	5.29	591	5.72	606	6.17	639	7.20	675	8.44		
24840	1800	533	3.79	550	4.32	566	4.81	582	5.34	596	5.80	612	6.33	627	6.81	659	7.91	690	9.07		
26220	1900	559	4.37	574	4.96	592	5.45	607	6.03	622	6.55	637	7.10	648	7.53	677	8.61	705	9.71		
27600	2000	585	4.99	601	5.56	618	6.18	632	6.74	647	7.33	658	7.80	672	8.36	699	9.45	724	10.52		
30360	2200	642	6.55	658	7.22	669	7.71	680	8.23	695	8.97	707	9.55	720	10.16	742	11.24	767	12.48		
33120	2400	695	8.26	706	8.80	718	9.38	730	10.05	742	10.68	758	11.59	767	12.14	788	13.36	809	14.59		
35880	2600	745	10.08	757	10.72	769	11.43	780	12.05	791	12.75	803	13.58	815	14.32	836	15.79	856	17.14		
38640	2800	799	13.27	809	12.95	820	13.69	832	14.51	842	15.20	853	16.02	864	16.88	885	18.48	905	20.11		
41400	3000	851	14.83	862	15.61	874	16.47	885	17.37	895	18.15	906	19.04	914	19.76	934	21.47	952	23.06		
44160	3200	906	17.85	917	18.79	927	19.58	939	20.64	949	21.50	957	22.23	967	23.22	984	24.85	1000	27.37		
46920	3400	962	21.31	973	22.34	982	23.24	993	24.23	1003	25.23	1010	25.97	1019	26.95	1036	28.76	1051	30.36		

CFM	OV	2 SP		2.5 SP		3 SP		3.5 SP		4 SP		4.5 SP		5 SP		5.5 SP		6 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
16560	1200	648	6.86																
17940	1300	663	7.46	718	9.29														
19320	1400	679	8.12	731	9.93														
20700	1500	698	8.90	746	10.69	795	12.71												
22080	1600	715	9.68	763	11.56	809	13.56	856	15.83										
23460	1700	730	10.42	781	12.58	824	14.52	869	16.78	914	19.24								
24840	1800	747	11.29	797	13.46	845	15.77	886	17.95	927	20.31	972	23.15						
26220	1900	766	12.25	813	14.42	861	16.87	905	19.29	945	21.73	986	24.38	1024	27.08				
27600	2000	783	13.20	830	15.49	877	17.96	923	20.67	964	23.25	1004	25.98	1040	28.58	1075	31.33	1112	34.47
30360	2200	817	15.07	868	17.92	913	20.61	971	24.36	999	26.42	1037	29.12	1073	32.00	1107	34.82	1139	37.68
33120	2400	856	17.34	902	20.26	950	23.50	993	26.54	1035	29.70	1071	32.56	1106	35.58	1139	38.51	1171	41.54
35880	2600	900	19.97	939	22.93	984	26.32	1030	29.95	1068	33.08	1105	36.32	1140	39.52	1174	42.75	1205	45.94
38640	2800	941	23.07	979	26.03	1021	29.48	1067	33.13	1106	37.10	1142	40.46	1173	43.56	1208	47.24	1251	51.88
41400	3000	989	26.42	1024	29.64	1063	33.25	1108	37.63	1143	40.75	1178	44.91	1212	48.53	1243	52.06	1277	55.98
44160	3200	1036	30.15	1070	33.71	1102	37.05	1141	41.10	1179	45.32	1217	49.67	1251	53.75	1280	57.40	1313	61.41
46920	3400	1086	34.39	1118	38.17	1148	41.77	1178	45.29	1220	50.29	1252	54.35	1286	58.74	1315	62.57	1347	66.97
49680	3600	1133	38.72	1167	43.10	1197	47.01	1237	51.02	1254	54.60	1287	59.01	1304	61.34	1355	68.65	1385	73.10
52440	3800	1183	43.63	1215	48.21	1243	52.40	1269	56.22	1299	60.64	1325	64.45	1358	69.41	1389	74.12	1422	79.49
55200	4000	1233	48.86	1263	53.67	1290	58.03	1317	62.45	1344	67.26	1370	71.11	1399	75.88	1429	80.80	1459	85.96

CFM	OV	6.5 SP		7 SP		7.5 SP		8 SP		9 SP		In SP		11 SP		12 SP		13 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
30360	2200	1173	40.91	1206	44.12														
33120	2400	1206	45.05	1236	48.16	1267	51.60	1300	55.37										
35880	2600	1237	49.30	1270	52.94	1299	56.35	1329	60.00	1386	67.37	1440	74.90						
38640	2800	1272	54.38	1298	57.37	1327	60.99	1358	64.91	1416	72.70	1469	80.49	1521	88.54				
41400	3000	1306	59.45	1335	63.12	1362	66.72	1388	70.24	1448	78.82	1501	86.76	1549	94.78	1577	99.48	1647	112.23
44160	3200	1342	65.23	1369	68.90	1398	72.91	1424	76.61	1477	84.67	1529	92.99	1580	101.65	1628	110.45	1681	120.44
46920	3400	1377	71.19	1404	75.10	1433	79.30	1460	83.50	1510	91.52	1563	100.60	1612	109.20	1663	118.93	1711	128.53
49680	3600	1412	77.28	1441	81.73	1469	86.23	1474	87.09	1548	99.52	1595	107.88	1648	117.86	1694	127.01	1741	136.91
52440	3800	1451	84.14	1478	88.74	1506	93.69	1532	98.04	1585	107.72	1632	116.53	1679	125.77	1728	136.21	1770	145.32
55200	4000	1488	91.13	1517	96.31	1542	100.88	1569	106.01	1620	115.92	1670	125.98	1717	135.71	1762	145.48	1804	155.30
57960	4200	1527	98.55	1553	103.68	1582	109.22	1608	114.45	1658	124.96	1709	135.96	1754	145.84	1797	155.79	1839	165.94
60720	4400	1564	105.90	1591	111.56	1621	117.79	1647	123.42	1696	134.75	1748	146.27	1794	157.01	1835	166.96	1875	177.23
63480	4600	1601	113.69	1632	120.31	1658	126.23	1684	132.24	1732	143.51	1783	155.93	1828	167.14	1872	178.63	1915	199.96
66240	4800	1646	123.29	1669	128.69	1693	134.37	1720	140.92	1770	153.53	1820	166.43	1867	178.85	1908	190.27	1952	202.33
69000	5000	1691	133.28	1712	138.89	1733	143.74	1756	149.85	1786	157.78	1856	176.96	1901	189.43	1949	204.38	1986	214.64

Performance Shown Is for Installation type B - Free Inlet. Ducted outlet
Power ratings (BHP) do not include drive losses
Performance ratings do not include the effects of appurtenances in the airstream

SIZE DWDI 400 TYPE PBA CENTRIFUGAL FAN

WHEEL DIAMETER=40" OUTLET AREA=16.79 SQ.FT. TIP SPEED=10.54xRPM MAXIMUM BHP=37.90(RPM/1000) CUBED

TOP WHITE AREA, CLASS I / TOP SHADED AREA, CLASS II / BOTTOM WHITE AREA, CLASS III / BOTTOM SHADED AREA, CLASS IV

CFM	OV	0.25 SP		0.375 SP		0.5 SP		0.625 SP		0.75 SP		0.875 SP		1 SP		1.25 SP		1.5 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
13432	800	272	0.86	300	1.13	329	1.45	352	1.76	371	2.02	392	2.35						
15111	900	285	0.99	321	1.40	343	1.68	370	2.07	389	2.37	410	2.73	425	3.02				
16791	1000	309	1.25	336	1.61	364	2.04	386	2.40	405	2.72	425	3.11	440	3.44	474	4.18		
18469	1100	334	1.57	351	1.84	374	2.23	404	2.77	425	3.19	442	3.54	460	3.95	492	4.76	529	5.80
20148	1200	352	1.80	373	2.21	392	2.58	416	3.07	444	3.66	457	3.98	475	4.43	510	5.37	542	6.32
21827	1300	377	2.20	395	2.60	414	3.04	432	3.43	454	3.98	476	4.55	488	4.86	526	5.98	554	6.89
23506	1400	397	2.52	415	2.99	435	3.51	449	3.87	469	4.39	488	4.95	508	5.54	538	6.50	570	7.56
25185	1500	420	2.97	435	3.38	455	3.99	469	4.41	484	4.85	503	5.44	524	6.11	554	7.17	584	8.26
26864	1600	444	3.45	458	3.92	474	4.46	492	5.04	505	5.49	523	6.11	541	6.75	571	7.87	600	9.06
28543	1700	466	3.96	482	4.51	495	5.02	511	5.60	529	6.29	542	6.79	556	7.33	586	8.56	619	10.03
30222	1800	488	4.51	504	5.13	519	5.71	534	6.35	546	6.89	561	7.52	575	8.10	604	9.40	633	10.78
31901	1900	513	5.19	527	5.78	543	6.48	557	7.16	570	7.78	584	8.44	595	8.95	621	10.24	647	11.54
33580	2000	537	5.93	551	6.61	567	7.35	580	8.01	593	8.71	604	9.27	616	9.94	641	11.23	664	12.50
36938	2200	589	7.78	603	8.59	613	9.16	623	9.78	638	10.66	649	11.35	660	12.08	680	13.36	703	14.84
40296	2400	638	9.82	648	10.46	658	11.15	670	11.94	680	12.69	695	13.78	703	14.43	723	15.88	742	17.35
43654	2600	684	11.98	694	12.74	705	13.59	715	14.32	725	15.16	737	16.14	747	17.02	767	18.77	785	20.37
47012	2800	732	15.78	741	15.39	752	16.27	763	17.24	772	18.07	782	19.05	793	20.06	811	21.97	830	23.90
50370	3000	781	17.63	790	18.55	801	19.57	812	20.64	821	21.57	831	22.64	838	23.49	856	25.52	873	27.41
53728	3200	831	21.22	841	22.33	850	23.27	861	24.53	870	25.56	877	26.42	887	27.60	903	29.54	917	32.53
57086	3400	882	25.33	892	26.55	901	27.62	910	28.80	919	29.99	926	30.88	935	32.03	950	34.19	963	36.09

CFM	OV	2 SP		2.5 SP		3 SP		3.5 SP		4 SP		4.5 SP		5 SP		5.5 SP		6 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
20148	1200	594	8.15																
21827	1300	608	8.87																
23506	1400	623	9.65																
25185	1500	640	10.58			729	15.10												
26864	1600	655	11.51	700	13.74	742	16.12	785	19.82										
28543	1700	669	12.38	717	14.95	756	17.26	797	19.94	838	22.87								
30222	1800	695	13.42	731	16.00	775	18.74	812	21.33	850	24.14	891	27.52						
31901	1900	702	14.57	745	17.14	790	20.05	830	22.93	867	25.83	904	28.98	939	32.19				
33580	2000	718	15.69	761	18.41	804	21.35	847	24.57	884	27.64	921	30.88	953	33.98	986	37.25	1020	40.98
36938	2200	749	17.92	796	21.30	837	24.50	891	29.96	916	31.41	951	34.62	984	38.04	1015	41.39	1045	44.78
40296	2400	785	20.61	827	24.09	871	27.94	911	31.55	949	35.30	982	38.70	1014	42.31	1044	45.78	1074	49.38
43654	2600	826	23.74	861	27.25	903	31.29	945	35.60	979	39.32	1013	43.17	1046	46.98	1076	50.81	1105	54.61
47012	2800	863	27.43	898	30.94	936	35.05	978	39.39	1014	44.10	1047	48.10	1075	51.78	1108	56.15	1147	61.67
50370	3000	906	31.41	939	35.23	975	39.52	1016	44.73	1048	48.44	1081	53.39	1111	57.69	1140	61.99	1171	66.54
53728	3200	950	35.94	981	40.07	1011	44.04	1046	48.85	1081	53.87	1116	59.04	1147	63.89	1174	68.23	1204	73.00
57086	3400	995	40.88	1025	45.37	1053	49.65	1090	53.84	1119	59.77	1148	64.60	1180	69.82	1206	74.37	1235	79.60
60444	3600	1039	46.02	1070	51.23	1097	55.88	1125	60.65	1150	64.90	1180	70.15	1195	72.91	1242	81.61	1270	86.89
63802	3800	1085	51.96	1114	57.31	1140	62.29	1164	66.93	1192	72.08	1215	76.61	1246	82.50	1273	88.11	1304	94.49
67160	4000	1130	58.07	1158	63.90	1183	68.98	1208	74.24	1233	79.96	1256	84.53	1283	90.20	1310	96.04	1338	102.18

CFM	OV	6.5 SP		7 SP		7.5 SP		8 SP		9 SP		In SP		11 SP		12 SP		13 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
36938	2200	1076	48.51	1105	52.44														
40296	2400	1106	53.55	1133	57.25	1162	61.34	1192	65.92										
43654	2600	1134	58.60	1164	62.94	1191	66.99	1219	71.33	1271	90.08	1321	89.03						
47012	2800	1167	64.64	1190	68.20	1217	72.50	1246	77.16	1298	86.41	1347	95.68	1395	105.25				
50370	3000	1197	70.67	1224	75.03	1249	79.31	1273	83.50	1328	93.69	1376	103.13	1421	112.66	1446	118.25	1510	133.41
53728	3200	1230	77.54	1255	81.90	1282	86.67	1306	91.06	1354	100.64	1402	110.54	1449	120.93	1493	131.30	1541	143.16
57086	3400	1263	84.62	1289	89.27	1314	94.26	1339	99.26	1385	108.79	1433	119.58	1478	129.81	1525	141.37	1569	152.79
60444	3600	1295	91.86	1321	97.15	1347	102.51	1352	103.52	1420	118.30	1463	129.24	1511	140.10	1553	150.98	1597	162.74
63802	3800	1330	100.01	1355	105.48	1381	111.37	1404	116.54	1454	128.05	1497	138.52	1539	149.51	1585	161.91	1623	172.75
67160	4000	1365	108.33	1391	114.48	1414	119.92	1439	126.01	1486	137.74	1532	149.76	1574	161.32	1615	172.93	1654	184.60
70518	4200	1400	117.15	1424	123.24	1450	129.82	1474	136.05	1520	148.55	1567	161.62	1609	173.36	1648	185.19	1687	197.25
73876	4400	1434	125.88	1459	132.61	1486	140.01	1510	146.71	1555	159.58	1603	173.87	1645	186.64	1682	198.47	1720	210.69
77234	4600	1468	135.14	1496	143.02	1521	150.05	1545	157.19	1599	170.59	1635	185.24	1676	198.68	1717	212.33	1756	225.91
80592	4800	1509	146.55	1530	152.97	1552	159.73	1577	167.51	1623	182.50	1669	197.83	1712	212.60	1750	226.19	1790	240.51
83950	5000	1550	158.43	1570	165.09	1589	170.86	1610	178.12	1639	197.55	1702	210.35	1743	225.17	1788	242.94	1822	255.15

Performance Shown Is for Installation type B - Free Inlet. Ducted outlet
Power ratings (BHP) do not include drive losses
Performance ratings do not include the effects of appurtenances in the airstream

SIZE DWDI 440 TYPE PBA CENTRIFUGAL FAN

WHEEL DIAMETER=44" OUTLET AREA=20.55 SQ.FT. TIP SPEED=11.65XRPM MAXIMUM BHP=61.10(RPM/1000) CUBED

TOP WHITE AREA, CLASS I / TOP SHADED AREA, CLASS II / BOTTOM WHITE AREA, CLASS III/ BOTTOM SHADED AREA, CLASS IV

CFM	OV	0.25 SP		0.375 SP		0.5 SP		0.625 SP		0.75 SP		0.875 SP		1 SP		1.25 SP		1.5 SP			
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
16440	800	247	1.04	273	1.37	299	1.76	320	2.13	337	2.44	356	2.85								
18495	900	259	1.2	292	1.70	311	2.03	336	2.51	353	2.87	372	3.31	386	3.65						
20550	1000	281	1.52	305	1.95	331	2.47	351	2.90	368	3.29	386	3.76	399	4.16	431	5.06				
22605	1100	303	1.9	319	2.23	340	2.70	367	3.35	386	3.86	401	4.29	418	4.78	447	5.75	481	7.02		
24660	1200	320	2.18	339	2.68	356	3.12	378	3.71	403	4.43	415	4.81	432	5.36	463	6.49	492	7.65		
26715	1300	342	2.66	359	3.14	376	3.68	392	4.15	413	4.82	433	5.51	443	5.88	478	7.23	504	8.33		
28770	1400	360	3.05	377	3.61	396	4.25	408	4.68	426	5.31	444	5.99	461	6.70	489	7.87	518	9.15		
30825	1500	382	3.59	395	4.09	414	4.83	426	5.33	440	5.86	457	6.58	476	7.40	504	8.67	531	9.99		
32880	1600	403	4.17	416	4.75	431	5.40	447	6.10	459	6.65	475	7.39	492	8.16	518	9.53	545	10.95		
34935	1700	423	4.79	438	5.45	450	6.07	464	6.77	480	7.61	492	8.22	505	8.87	532	10.36	563	12.13		
36990	1800	444	5.45	458	6.21	471	6.91	485	7.68	496	8.34	510	9.10	522	9.80	549	11.38	575	13.04		
39045	1900	466	6.28	478	6.99	493	7.84	506	8.67	518	9.42	530	10.21	540	10.83	564	12.38	588	13.96		
41100	2000	488	7.17	501	8.00	515	8.89	526	9.69	539	10.54	548	11.22	560	12.02	582	13.59	603	15.12		
45210	2200	535	9.42	548	10.39	557	11.08	566	11.83	579	12.89	589	13.74	600	14.62	618	16.17	639	17.95		
49320	2400	579	11.88	588	12.65	598	13.49	608	14.45	618	15.36	631	16.67	639	17.45	656	19.21	674	20.99		
53430	2600	621	14.49	631	15.41	641	16.44	649	17.33	659	18.34	669	19.53	679	20.60	697	22.70	713	24.64		
57540	2800	665	19.08	674	18.62	683	19.68	693	20.86	701	21.86	710	23.04	720	24.27	737	26.58	754	28.92		
61650	3000	709	21.33	718	22.45	728	23.68	737	24.97	746	26.10	755	27.38	762	28.41	778	30.87	793	33.16		
65760	3200	755	25.67	764	27.01	772	28.15	782	29.67	790	30.91	797	31.96	806	33.39	820	35.74	833	39.35		
69870	3400	801	30.64	810	32.12	818	33.42	827	34.84	835	36.28	841	37.35	849	38.75	863	41.36	875	43.66		

CFM	OV	2 SP		2.5 SP		3 SP		3.5 SP		4 SP		4.5 SP		5 SP		5.5 SP		6 SP			
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
24660	1200	540	9.86																		
26715	1300	553	10.73	598	13.36																
28770	1400	566	11.67	609	14.28																
30825	1500	582	12.80	622	15.37	662	18.27														
32880	1600	595	13.92	635	16.62	674	19.51	713	22.76												
34935	1700	608	14.98	651	18.08	687	20.88	724	24.12	761	27.67										
36990	1800	622	16.23	664	19.36	704	22.68	738	25.81	772	29.21	810	33.29								
39045	1900	638	17.62	677	20.74	717	24.25	754	27.74	787	31.24	821	35.06	853	38.95						
41100	2000	653	18.98	692	22.27	730	25.82	769	29.72	803	33.44	836	37.35	866	41.10	895	45.06	927	49.57		
45210	2200	680	21.68	723	25.77	761	29.64	809	35.03	832	38.00	864	41.88	894	46.01	922	50.07	949	54.18		
49320	2400	713	24.93	751	29.14	791	33.80	827	38.17	862	42.70	892	46.82	922	51.17	949	55.38	975	59.74		
53430	2600	750	28.72	782	32.97	820	37.85	858	43.06	890	47.57	920	52.23	950	56.83	978	61.47	1004	66.06		
57540	2800	784	33.18	816	37.43	851	42.40	889	47.65	921	53.35	951	58.18	977	62.64	1006	67.93	1042	74.60		
61650	3000	823	37.99	853	42.62	885	47.81	923	54.12	952	58.60	982	64.58	1009	69.78	1036	74.86	1064	80.50		
65760	3200	863	43.36	892	48.47	918	53.28	950	59.10	982	65.17	1013	71.42	1042	77.29	1067	82.54	1093	88.31		
69870	3400	904	49.45	931	54.88	957	60.06	981	65.13	1016	72.31	1043	78.15	1072	84.46	1095	89.97	1122	96.30		
73980	3600	944	55.67	972	61.97	997	67.60	1022	73.37	1044	78.51	1072	84.86	1086	88.21	1129	98.72	1153	105.12		
78090	3800	985	62.74	1012	69.33	1036	75.36	1057	80.84	1082	87.20	1104	92.68	1131	99.81	1157	106.59	1185	114.30		
82200	4000	1027	70.25	1052	77.18	1074	83.44	1097	89.81	1120	96.73	1141	102.26	1166	109.12	1190	116.19	1215	123.61		

CFM	OV	6.5 SP		7 SP		7.5 SP		8 SP		9 SP		In SP		11 SP		12 SP		13 SP			
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
45210	2200	977	58.69	1004	63.44																
49320	2400	1005	64.78	1030	69.26	1056	74.20	1083	79.62												
53430	2600	1030	70.89	1058	76.13	1082	81.04	1107	86.28	1155	96.97	1200	107.70								
57540	2800	1060	78.20	1086	82.50	1106	87.70	1131	93.34	1179	104.54	1224	115.74	1267	127.32						
61650	3000	1088	85.49	1112	90.77	1135	95.94	1156	101.01	1207	113.34	1250	124.76	1291	136.29	1314	143.05	1372	161.39		
65760	3200	1118	93.80	1140	99.08	1164	104.85	1186	110.16	1230	121.75	1274	133.72	1316	146.17	1356	158.83	1400	173.19		
69870	3400	1147	102.37	1170	107.99	1193	114.03	1216	120.08	1258	131.61	1302	144.66	1343	157.03	1385	171.02	1426	184.83		
73980	3600	1176	111.13	1200	117.53	1224	124.00	1228	125.23	1290	143.11	1329	155.14	1373	169.48	1411	182.64	1450	196.88		
78090	3800	1208	120.99	1231	127.61	1255	134.73	1276	140.98	1321	154.91	1360	167.58	1398	180.86	1440	195.87	1475	208.98		
82200	4000	1240	131.05	1264	138.50	1284	145.07	1307	152.44	1350	166.69	1391	181.16	1430	195.15	1467	209.20	1503	223.32		
86310	4200	1272	141.72	1294	149.08	1317	157.05	1339	164.58	1381	179.70	1424	195.51	1461	209.72	1497	224.01	1532	238.62		
90420	4400	1303	152.29	1325	160.42	1350	169.38	1372	177.48	1413	193.05	1456	210.34	1495	225.78	1528	240.09	1562	254.86		
94530	4600	1334	163.48	1359	173.01	1381	181.52	1403	190.16	1443	206.37	1485	224.09	1522	240.35	1560	256.86	1595	273.17		
98640	4800	1371	177.28	1390	185.05	1410	193.23	1433	202.64	1475	220.77	1516	239.32	1555	257.19	1590	273.61	1626	290.95		
102750	5000	1408	191.65	1426	199.72	1443	206.70	1462	215.48	1488	226.88	1546	254.47	1583	272.40	1624	293.90	1655	308.66		

Performance Shown Is for Installation type B - Free Inlet. Ducted outlet
Power ratings (BHP) do not include drive losses
Performance ratings do not include the effects of appurtenances in the airstream

SIZE DWDI 490 TYPE PBA CENTRIFUGAL FAN

WHEEL DIAMETER=49" OUTLET AREA=25.00 SQ.FT. TIP SPEED=12.83xRPM MAXIMUM BHP=105(RPM/1000) CUBED

TOP WHITE AREA, CLASS I / TOP SHADED AREA, CLASS II / BOTTOM WHITE AREA, CLASS III/ BOTTOM SHADED AREA, CLASS IV

CFM	OV	0.25 SP		0.375 SP		0.5 SP		0.625 SP		0.75 SP		0.875 SP		1 SP		1.25 SP		1.5 SP			
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
20000	800	222	1.29	245	1.70	268	2.18	287	2.64	303	3.02	320	3.53	347	4.53						
22500	900	233	1.48	262	2.10	279	2.51	302	3.11	317	3.55	334	4.10	347	4.53						
25000	1000	252	1.88	274	2.42	297	3.06	315	3.60	330	4.08	347	4.66	359	5.16	387	6.27				
27500	1100	272	2.36	286	2.76	305	3.35	329	4.16	347	4.79	360	5.32	375	5.93	401	7.13	432	8.70		
30000	1200	287	2.71	304	3.32	320	3.87	340	4.60	362	5.50	373	5.97	388	6.64	416	8.05	442	9.49		
32500	1300	307	3.30	322	3.90	338	4.56	352	5.15	370	5.97	389	6.83	398	7.29	429	8.96	452	10.33		
35000	1400	324	3.78	339	4.48	355	5.27	366	5.80	382	6.59	398	7.43	414	8.31	439	9.75	465	11.34		
37500	1500	343	4.45	355	5.07	371	5.98	383	6.61	395	7.27	411	8.16	427	9.17	452	10.76	476	12.39		
40000	1600	362	5.17	374	5.88	387	6.69	401	7.56	412	8.24	427	9.17	441	10.12	465	11.81	489	13.58		
42500	1700	380	5.94	393	6.76	404	7.53	417	8.40	431	9.43	442	10.19	453	11.00	478	12.84	505	15.04		
45000	1800	398	6.76	411	7.70	423	8.57	435	9.53	446	10.34	458	11.28	469	12.15	493	14.10	516	16.17		
47500	1900	418	7.78	430	8.67	443	9.72	454	10.75	465	11.67	476	12.66	485	13.43	507	15.35	528	17.31		
50000	2000	438	8.89	450	9.92	462	11.02	473	12.01	484	13.07	492	13.91	503	14.91	523	16.85	542	18.75		
55000	2200	480	11.68	492	12.88	500	13.74	508	14.67	520	15.99	529	17.03	538	18.12	555	20.04	573	22.26		
60000	2400	520	14.73	528	15.69	537	16.72	546	17.91	555	19.04	567	20.67	574	21.64	589	23.82	605	26.02		
65000	2600	558	17.97	566	19.11	575	20.38	583	21.48	591	22.74	601	24.21	609	25.54	626	28.15	640	30.56		
70000	2800	597	23.66	605	23.08	613	24.40	622	25.87	630	27.11	638	28.57	646	30.09	662	32.96	677	35.85		
75000	3000	637	26.45	645	27.83	653	29.36	662	30.97	670	32.36	678	33.95	684	35.23	699	38.28	712	41.11		
80000	3200	678	31.83	686	33.50	693	34.90	703	36.79	710	38.33	716	39.63	724	41.40	736	44.32	748	49.79		
85000	3400	719	37.99	728	39.83	735	41.43	743	43.19	750	44.99	756	46.31	763	48.04	775	51.29	786	54.14		

CFM	OV	2 SP		2.5 SP		3 SP		3.5 SP		4 SP		4.5 SP		5 SP		5.5 SP		6 SP		
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	
30000	1200	485	12.23																	
32500	1300	496	13.30	537	16.57															
35000	1400	508	14.47	547	17.71															
37500	1500	522	15.87	558	19.06	594	22.65													
40000	1600	535	17.26	571	20.61	605	24.19	640	28.22											
42500	1700	546	18.58	585	22.42	617	25.89	650	29.91	683	34.31									
45000	1800	559	20.13	596	24.00	632	28.12	663	32.00	693	36.21	727	41.27							
47500	1900	573	21.85	608	25.71	644	30.07	677	34.39	707	38.74	737	43.47	766	48.29					
50000	2000	586	23.54	621	27.61	656	32.02	691	36.86	721	41.46	751	46.32	778	50.96	804	55.87	832	61.46	
55000	2200	611	26.88	649	31.95	683	36.75	726	43.44	747	47.11	776	51.93	803	57.05	828	62.09	852	67.17	
60000	2400	640	30.91	675	36.13	711	41.91	743	47.32	774	52.95	801	58.05	828	63.45	852	68.66	876	74.07	
65000	2600	674	35.61	702	40.88	736	46.93	770	53.39	799	58.98	826	64.76	853	70.47	878	76.22	901	81.91	
70000	2800	704	41.14	733	46.41	764	52.57	798	59.08	827	66.15	854	72.14	877	77.67	904	84.22	936	92.50	
75000	3000	739	47.11	766	52.85	795	59.28	829	67.10	855	72.66	881	80.98	906	86.53	930	92.83	955	99.81	
80000	3200	775	53.76	801	60.10	824	66.06	853	73.28	882	80.80	910	88.56	936	95.83	958	102.35	982	109.5	
85000	3400	812	61.31	836	68.05	859	74.47	881	80.75	913	89.66	937	96.90	962	104.73	984	111.56	1007	119.40	
90000	3600	848	69.03	873	76.94	895	83.82	918	90.97	938	97.34	963	105.22	975	109.37	1013	122.40	1036	130.34	
95000	3800	885	77.79	909	85.96	930	93.43	950	100.24	972	108.12	991	114.92	1016	123.75	1039	132.16	1064	141.73	
100000	4000	922	87.11	944	95.70	965	103.46	985	111.36	1006	119.93	1025	126.79	1047	135.30	1069	144.06	1091	153.26	

CFM	OV	6.5 SP		7 SP		7.5 SP		8 SP		9 SP		In SP		11 SP		12 SP		13 SP		
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	
55000	2200	878	72.77	902	78.66															
60000	2400	902	80.32	925	85.87	948	92.00	973	98.72											
65000	2600	925	87.90	950	94.40	972	100.48	994	106.99	1037	120.11	1077	133.54							
70000	2800	952	96.96	971	102.30	993	108.75	1016	115.74	1059	129.62	1099	143.51	1138	157.87					
75000	3000	977	106.00	998	112.55	1019	118.96	1038	125.25	1083	140.53	1122	154.70	1159	168.98	1180	177.37	1232	200.11	
80000	3200	1004	116.31	1024	122.85	1046	130.40	1065	136.59	1105	150.96	1144	165.80	1182	181.24	1218	196.94	1257	214.74	
85000	3400	1030	126.93	1050	133.90	1072	141.39	1092	148.89	1130	163.18	1169	179.37	1206	194.70	1244	212.04	1280	229.17	
90000	3600	1056	137.79	1078	145.73	1099	153.76	1103	155.28	1150	177.44	1193	192.36	1233	210.14	1267	226.46	1302	244.11	
95000	3800	1085	150.02	1106	158.22	1127	167.05	1146	174.80	1186	192.07	1221	207.78	1256	224.26	1293	242.86	1324	259.11	
100000	4000	1113	162.49	1135	171.72	1153	179.87	1174	189.01	1212	206.69	1249	224.63	1284	241.98	1318	259.39	1349	276.89	
105000	4200	1142	175.72	1162	184.85	1183	194.73	1202	204.07	1240	222.81	1279	242.42	1312	260.04	1344	277.76	1376	295.87	
110000	4400	1170	188.82	1190	198.90	1212	210.01	1232	220.06	1269	239.37	1308	260.80	1342	279.95	1372	297.70	1403	316.01	
115000	4600	1198	202.70	1221	214.52	1240	225.08	1260	235.78	1296	255.89	1334	277.85	1367	298.01	1400	318.49	1432	338.71	
120000	4800	1231	219.82	1248	229.45	1266	239.59	1287	251.26	1324	273.74	1362	296.74	1396	318.89	1427	339.26	1460	360.75	
125000	5000	1265	237.64	1281	247.63	1296	256.29	1313	267.18	1336	281.32	1389	315.52	1422	337.75	1458	364.41	1486	382.71	

Performance Shown Is for Installation type B - Free Inlet. Ducted outlet
Power ratings (BHP) do not include drive losses
Performance ratings do not include the effects of appurtenances in the airstream

SIZE DWDI 540 TYPE PBA CENTRIFUGAL FAN

WHEEL DIAMETER=54" OUTLET AREA=30.50 SQ.FT. TIP SPEED=14.14xRPM MAXIMUM BHP=170.1(RPM/1000) CUBED

TOP WHITE AREA, CLASS I / TOP SHADED AREA, CLASS II / BOTTOM WHITE AREA, CLASS III / BOTTOM SHADED AREA, CLASS IV

CFM	OV	0.25 SP		0.375 SP		0.5 SP		0.625 SP		0.75 SP		0.875 SP		1 SP		1.25 SP		1.5 SP			
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
24400	800	201	1.56	222	2.06	244	2.65	260	3.21	275	3.67	291	4.29	315	5.50	351	7.62				
27450	900	211	1.80	238	2.55	254	3.05	274	3.77	288	4.32	303	4.98	326	6.27	361	8.85				
30500	1000	229	2.29	248	2.94	270	3.72	286	4.37	300	4.96	315	5.66	341	7.20	384	8.67	392	10.57		
33550	1100	247	2.87	260	3.35	277	4.07	299	5.05	315	5.82	327	6.46	341	7.20	384	8.67				
36600	1200	260	3.29	276	4.03	291	4.70	308	5.59	328	6.68	338	7.25	352	8.07	378	9.78	401	11.52		
39650	1300	279	4.01	292	4.73	307	5.54	320	6.26	336	7.26	353	8.30	361	8.85	390	10.89	410	12.55		
42700	1400	294	4.59	307	5.44	322	6.40	333	7.05	347	8.00	362	9.03	376	10.09	399	11.85	422	13.78		
45750	1500	311	5.41	322	6.16	337	7.27	348	8.03	359	8.83	373	9.92	388	11.14	410	13.07	432	15.05		
48800	1600	328	6.29	339	7.15	351	8.13	364	9.18	374	10.01	387	11.14	401	12.29	423	14.35	444	16.50		
51850	1700	345	7.22	357	8.22	367	9.15	378	10.20	391	11.46	401	12.38	412	13.36	434	15.60	459	18.27		
54900	1800	362	8.22	374	9.35	384	10.41	395	11.57	405	12.56	416	13.71	425	14.75	447	17.13	469	19.64		
57950	1900	380	9.46	390	10.53	402	11.81	412	13.05	422	14.18	432	15.37	440	16.32	460	18.65	479	21.03		
61000	2000	398	10.80	408	12.05	420	13.39	429	14.59	439	15.87	447	16.90	456	18.11	474	20.47	492	22.78		
67100	2200	436	14.18	447	15.65	454	16.69	462	17.82	472	19.42	480	20.69	489	22.02	504	24.35	521	27.04		
73200	2400	472	17.89	480	19.06	487	20.31	496	21.76	504	23.13	514	25.11	521	26.29	535	28.93	549	31.61		
79300	2600	506	21.83	514	23.22	522	24.76	529	26.10	537	27.62	546	29.41	553	31.02	568	34.20	581	37.12		
85400	2800	542	28.75	549	28.04	557	29.65	565	31.42	572	32.93	579	34.71	587	36.55	601	40.04	615	43.56		
91500	3000	578	32.13	585	33.81	593	35.67	601	37.62	608	39.31	615	41.24	621	42.80	634	46.50	646	49.95		
97600	3200	615	38.67	623	40.69	629	42.40	638	44.70	644	46.57	650	48.15	657	50.29	668	53.84	679	59.27		
103700	3400	653	46.16	661	48.38	667	50.34	674	52.47	681	54.65	686	56.26	692	58.36	704	62.30	713	65.77		

CFM	OV	2 SP		2.5 SP		3 SP		3.5 SP		4 SP		4.5 SP		5 SP		5.5 SP		6 SP		
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	
36600	1200	440	14.86																	
39650	1300	450	16.16																	
42700	1400	461	17.58																	
45750	1500	474	19.28			540	27.52													
48800	1600	485	20.97	518	25.03	549	29.38	581	34.29											
51850	1700	495	22.57	531	27.24	560	31.45	590	36.34	620	41.68									
54900	1800	507	24.45	541	29.16	574	34.15	602	38.87	629	43.99	660	50.14							
57950	1900	520	26.54	552	31.24	585	36.53	614	41.78	642	47.06	669	52.81	695	58.66					
61000	2000	532	28.59	564	33.54	595	38.89	627	44.77	655	50.36	682	56.26	706	61.91	730	67.87	755	74.67	
67100	2200	555	32.65	589	38.81	620	44.64	659	52.77	678	57.23	704	63.08	729	69.31	752	75.42	774	81.60	
73200	2400	581	37.56	612	43.89	645	50.91	674	57.49	703	64.32	727	70.52	751	77.07	773	83.41	795	89.98	
79300	2600	611	43.25	638	49.66	668	57.01	699	64.86	725	71.65	750	78.67	774	85.60	797	92.59	818	99.50	
85400	2800	639	49.97	665	56.38	693	63.86	724	71.77	751	80.36	775	87.64	796	94.35	820	102.32	849	112.37	
91500	3000	671	57.23	695	64.20	722	72.01	752	81.51	776	88.27	800	97.28	823	105.11	844	112.76	867	121.26	
97600	3200	703	65.31	727	73.01	748	80.25	775	89.02	800	98.16	826	107.58	849	116.42	869	124.33	891	133.02	
103700	3400	737	74.48	759	82.67	780	90.47	800	98.10	828	108.92	850	117.72	873	127.23	893	135.52	915	145.05	
109800	3600	770	83.86	792	93.35	813	101.83	833	110.51	851	118.25	874	127.83	885	132.86	920	148.70	940	158.34	
115900	3800	803	94.50	825	104.43	844	113.50	862	121.77	882	131.35	900	139.60	922	150.34	943	160.55	966	172.17	
122000	4000	837	105.82	857	116.26	876	125.69	894	135.28	913	145.70	930	154.02	950	164.37	970	175.01	991	186.19	

CFM	OV	6.5 SP		7 SP		7.5 SP		8 SP		9 SP		In SP		11 SP		12 SP		13 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
67100	2200	797	88.40	819	95.56														
73200	2400	819	97.57	839	104.32	861	111.77	883	119.93										
79300	2600	840	106.79	862	114.68	882	122.06	902	129.97	941	145.92	978	162.23						
85400	2800	864	117.79	881	124.27	901	132.11	922	140.60	961	157.46	998	174.34	1033	191.78				
91500	3000	887	128.77	906	136.72	925	144.52	943	152.15	983	170.72	1019	187.93	1052	205.28	1071	215.47	1118	243.10
97600	3200	911	141.29	930	149.24	949	157.93	967	165.93	1003	183.39	1038	201.42	1073	220.18	1106	239.24	1141	260.87
103700	3400	935	154.20	954	162.66	973	171.76	992	180.87	1026	198.23	1061	217.90	1094	236.53	1129	257.59	1162	278.40
109800	3600	959	167.39	978	177.03	997	186.78	1001	188.63	1051	215.56	1083	233.67	1119	255.28	1150	275.10	1182	296.55
115900	3800	985	182.24	1004	192.21	1023	202.94	1040	212.35	1076	233.33	1108	252.41	1140	272.43	1173	295.03	1202	314.77
122000	4000	1010	197.40	1030	208.61	1047	218.51	1065	229.61	1100	251.08	1134	272.88	1166	293.95	1196	315.11	1225	336.37
128100	4200	1037	213.47	1055	224.56	1074	236.56	1091	247.90	1126	270.67	1161	294.49	1191	315.89	1220	337.42	1249	359.42
134200	4400	1062	229.38	1080	241.63	1100	255.13	1118	267.33	1152	290.78	1187	316.83	1218	340.08	1246	361.64	1273	383.89
140300	4600	1087	246.24	1108	260.60	1126	273.42	1144	286.43	1176	310.85	1211	337.53	1241	362.02	1271	386.90	1300	411.46
146400	4800	1118	267.04	1133	278.73	1149	291.05	1168	305.23	1202	332.54	1236	360.48	1268	387.39	1296	412.13	1325	438.25
152500	5000	1148	288.68	1163	300.83	1177	311.34	1192	324.57	1213	341.75	1261	383.30	1291	410.30	1324	442.68	1349	464.91

Performance Shown Is for Installation type B - Free Inlet. Ducted outlet

Power ratings (BHP) do not include drive losses

Performance ratings do not include the effects of appurtenances in the airstream

SIZE DWDI 600 TYPE PBA CENTRIFUGAL FAN

WHEEL DIAMETER=60" OUTLET AREA=37.50 SQ.FT. TIP SPEED=15.70xRPM MAXIMUM BHP=288(RPM/1000) CUBED

TOP WHITE AREA, CLASS I / TOP SHADED AREA, CLASS II / BOTTOM WHITE AREA, CLASS III/ BOTTOM SHADED AREA, CLASS IV

CFM	OV	0.25 SP		0.375 SP		0.5 SP		0.625 SP		0.75 SP		0.875 SP		1 SP		1.25 SP		1.5 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
30000	800	181	1.93	200	2.55	219	3.27	234	3.96	247	4.53	261	5.29	283	6.79	316	9.41		
33750	900	190	2.22	214	3.15	228	3.77	247	4.66	259	5.33	273	6.15	293	7.74	328	10.70	353	13.05
37500	1000	206	2.82	224	3.63	243	4.59	257	5.40	270	6.12	283	6.99	293	7.74	316	9.41		
41250	1100	223	3.54	234	4.14	249	5.02	269	6.23	283	7.18	294	7.97	306	8.89	328	10.70	353	13.05
45000	1200	234	4.06	249	4.97	261	5.80	277	6.91	296	8.24	304	8.95	317	9.96	340	12.08	361	14.23
48750	1300	251	4.95	263	5.84	276	6.83	288	7.72	303	8.96	317	10.24	325	10.93	351	13.44	369	15.49
52500	1400	264	5.67	277	6.72	290	7.90	299	8.70	312	9.88	325	11.14	338	12.46	359	14.63	380	17.01
56250	1500	280	6.68	290	7.60	303	8.97	313	9.91	323	10.91	335	12.24	349	13.75	369	16.13	389	18.58
60000	1600	296	7.76	305	8.82	316	10.03	328	11.33	336	12.36	349	13.75	361	15.18	380	17.71	400	20.37
63750	1700	311	8.91	321	10.14	330	11.29	340	12.59	352	14.14	361	15.28	370	16.49	390	19.26	413	22.56
67500	1800	325	10.14	336	11.54	346	12.85	356	14.29	364	15.51	374	16.92	383	18.21	402	21.15	422	24.25
71250	1900	342	11.67	351	13.00	362	14.58	371	16.11	380	17.51	389	18.98	396	20.14	414	23.03	431	25.97
75000	2000	358	13.34	367	14.88	378	16.53	386	18.01	395	19.60	402	20.86	411	22.36	427	25.27	442	28.12
82500	2200	392	17.51	402	19.31	409	20.60	415	22.00	425	23.97	432	25.54	440	27.18	453	30.06	468	33.38
90000	2400	425	22.08	432	23.53	438	25.08	446	26.87	453	28.56	463	31.00	469	32.45	481	35.72	494	39.03
97500	2600	455	26.94	463	28.66	470	30.57	476	32.22	483	34.10	491	36.31	498	38.30	511	42.22	523	45.83
105000	2800	488	35.49	494	34.62	501	36.60	508	38.79	514	40.65	521	42.84	528	45.12	541	49.43	553	53.77
112500	3000	520	39.66	527	41.74	534	44.03	541	46.44	547	48.53	553	50.92	559	52.84	571	57.41	582	61.66
120000	3200	554	47.73	561	50.23	566	52.35	574	55.18	580	57.49	585	59.44	591	62.09	601	66.46	611	73.18
127500	3400	588	56.98	594	59.73	600	62.14	607	64.78	613	67.47	617	69.45	623	72.05	633	76.92	642	81.19

CFM	OV	2 SP		2.5 SP		3 SP		3.5 SP		4 SP		4.5 SP		5 SP		5.5 SP		6 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
45000	1200	396	18.34																
48750	1300	405	19.95	439	24.85														
52500	1400	415	21.70	447	26.56														
56250	1500	427	23.80	456	28.59	485	33.97												
60000	1600	437	25.89	466	30.91	494	36.27	523	42.33										
63750	1700	446	27.86	477	33.63	504	38.82	531	44.86	558	51.46								
67500	1800	456	30.19	487	36.00	516	42.17	541	47.99	566	54.31	594	61.90						
71250	1900	468	32.77	497	38.56	526	45.10	553	51.58	578	58.10	602	65.19	626	72.42				
75000	2000	479	35.30	507	41.41	536	48.02	564	55.27	589	62.17	613	69.46	635	76.43	657	83.79	680	92.18
82500	2200	499	40.31	530	47.91	558	55.11	593	65.15	610	70.65	634	77.87	656	85.56	677	93.11	696	100.74
90000	2400	523	46.36	551	54.18	581	62.85	607	70.97	632	79.41	654	87.06	676	95.15	696	102.98	715	111.08
97500	2600	550	53.40	574	61.31	601	70.38	629	80.08	653	88.46	675	97.12	697	105.68	717	114.31	736	122.84
105000	2800	575	61.69	598	69.60	624	78.84	652	88.60	676	99.20	698	108.19	717	116.48	738	126.31	764	138.73
112500	3000	604	70.65	625	79.26	649	88.90	677	100.63	698	108.97	720	120.09	740	129.76	760	139.21	780	149.69
120000	3200	633	80.62	654	90.13	673	99.07	697	109.90	720	121.18	743	132.81	764	143.72	782	153.49	802	164.22
127500	3400	663	91.95	683	102.06.06	702	111.69	720	121.11	745	134.46	765	145.32	786	157.06	804	167.30	823	179.07
135000	3600	693	103.53	713	115.24	731	125.71	750	136.43	766	145.99	786	157.81	796	164.02	828	183.57	846	195.47
142500	3800	723	116.67	742	128.92	760	140.12	776	150.33	794	162.15	810	172.34	830	185.60	848	198.20	869	212.55
150000	4000	753	130.64	771	143.53	788	155.16	805	167.00	821	179.87	837	190.15	855	202.92	873	216.05	891	229.85

CFM	OV	6.5 SP		7 SP		7.5 SP		8 SP		9 SP		In SP		11 SP		12 SP		13 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
82500	2200	717	109.13	737	117.97														
90000	2400	737	120.46	755	129.78	774	137.98	794	148.06										
97500	2600	756	131.93	776	141.57	794	150.69	812	160.45	847	180.14	880	200.28						
105000	2800	777	145.41	793	153.42	811	163.09	830	173.59	865	194.39	898	215.23	929	236.76				
112500	3000	798	158.97	816	168.79	832	178.41	848	187.83	885	210.76	917	232.00	947	253.43	964	266.01	1006	300.11
120000	3200	820	174.43	837	184.24	854	194.97	870	204.85	902	226.40	934	248.66	965	271.81	995	295.35	1027	322.05
127500	3400	841	190.36	858	200.81	875	212.04	892	223.29	923	244.72	955	269.01	985	292.00	1016	318.01	1046	343.69
135000	3600	863	206.65	880	218.55	898	230.59	901	232.88	946	266.12	975	288.48	1007	315.15	1035	339.62	1064	366.10
142500	3800	886	224.98	903	237.29	920	250.53	936	262.16	969	288.05	997	311.61	1026	336.32	1056	364.22	1082	388.60
150000	4000	909	243.69	927	257.54	942	269.76	959	283.47	990	309.97	1021	336.88	1049	362.90	1076	389.00	1102	415.26
157500	4200	933	263.53	949	277.23	966	292.04	982	306.04	1013	334.16	1044	363.56	1072	389.98	1098	416.56	1124	443.72
165000	4400	955	283.18	972	298.30	990	314.96	1006	330.03	1036	358.98	1068	391.13	1096	419.84	1121	446.46	1146	473.92
172500	4600	978	304.00	997	321.72	1013	337.55	1029	353.60	1058	383.76	1089	416.69	1117	446.93	1144	477.65	1170	507.96
180000	4800	1006	329.67	1020	344.10	1034	359.31	1051	376.82	1082	410.54	1112	445.02	1141	478.24	1166	508.79	1192	541.03
187500	5000	1033	356.39	1046	371.38	1059	384.36	1073	400.69	1091	421.90	1134	473.20	1161	506.53	1191	546.51	1214	573.95

Performance Shown Is for Installation type B - Free Inlet. Ducted outlet
Power ratings (BHP) do not include drive losses
Performance ratings do not include the effects of appurtenances in the airstream

SIZE DWDI 660 TYPE PBA CENTRIFUGAL FAN

WHEEL DIAMETER=66" OUTLET AREA=45.40 SQ.FT. TIP SPEED=17.28xRPM MAXIMUM BHP=464(RPM/1000) CUBED

TOP WHITE AREA, CLASS I / TOP SHADED AREA, CLASS II / BOTTOM WHITE AREA, CLASS III/ BOTTOM SHADED AREA, CLASS IV

CFM	OV	0.25 SP		0.375 SP		0.5 SP		0.625 SP		0.75 SP		0.875 SP		1 SP		1.25 SP		1.5 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
36320	800	165	2.34	182	3.08	199	3.96	213	4.80	225	5.49	237	6.40						
40860	900	173	2.69	194	3.82	207	4.56	224	5.64	235	6.45	248	7.44	257	8.22				
45400	1000	187	3.42	203	4.39	220	5.56	234	6.53	245	7.40	257	8.46	266	9.37	287	11.39		
49940	1100	202	4.28	212	5.01	226	6.07	244	7.55	257	8.69	267	9.65	278	10.76	298	12.95	320	15.79
54480	1200	213	4.91	226	6.02	237	7.02	252	8.36	268	9.98	276	10.83	288	12.06	309	14.61	328	17.21
59020	1300	228	5.99	239	7.07	251	8.27	261	9.35	275	10.84	288	12.40	295	13.22	318	16.27	336	18.75
63560	1400	240	6.86	251	8.13	264	9.56	272	10.53	284	11.95	296	13.49	307	15.07	326	17.70	345	20.59
68100	1500	254	8.08	263	9.20	276	10.86	284	11.99	293	13.20	305	14.81	317	16.64	336	19.52	353	22.49
72640	1600	268	9.39	277	10.68	287	12.14	298	13.72	306	14.96	317	16.64	328	18.37	345	21.44	363	24.65
77180	1700	282	10.78	292	12.27	300	13.67	309	15.24	320	17.12	328	18.50	336	19.96	355	23.31	375	27.30
81720	1800	296	12.27	305	13.97	314	15.56	323	17.29	331	18.77	340	20.48	348	22.04	366	25.60	383	29.34
86260	1900	310	14.13	319	15.73	328	17.65	337	19.50	345	21.19	353	22.97	360	24.38	376	27.87	392	31.42
90800	2000	325	16.14	334	18.00	343	20.00	351	21.80	359	23.71	365	25.24	373	27.05	388	30.58	402	34.03
99880	2200	356	21.19	365	23.37	371	24.93	377	26.62	386	29.01	393	30.91	399	32.89	412	36.38	426	40.40
108960	2400	386	26.73	392	28.47	398	30.35	405	32.51	412	34.56	420	37.51	426	39.27	437	43.23	449	47.23
118040	2600	414	32.61	420	34.69	427	36.99	433	38.99	439	41.27	446	43.94	452	46.35	464	51.09	475	55.46
127120	2800	443	42.95	449	41.89	455	44.29	462	46.94	467	49.20	473	51.85	480	54.61	491	59.81	503	65.07
136200	3000	472	48.00	478	50.51	485	53.28	491	56.20	497	58.73	503	61.62	507	63.94	518	69.47	528	74.62
145280	3200	503	57.77	509	60.79	514	63.35	521	66.78	527	69.57	531	71.93	537	75.14	546	80.43	555	88.56
154360	3400	534	68.96	540	72.28	545	75.2	551	78.39	556	81.64	561	84.05	566	87.20	575	93.08	583	98.26

CFM	OV	2 SP		2.5 SP		3 SP		3.5 SP		4 SP		4.5 SP		5 SP		5.5 SP		6 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
54480	1200	360	22.19																
59020	1300	368	24.14	399	30.07														
63560	1400	377	26.26	406	32.14														
68100	1500	387	28.61	414	34.60	441	41.11												
72640	1600	397	31.33	423	37.40	449	43.89	475	51.22										
77180	1700	405	33.71	434	40.69	458	46.98	482	54.29	507	62.27								
81720	1800	415	36.53	442	43.56	469	51.03	492	58.08	514	65.72	539	74.91						
86260	1900	425	39.66	451	46.67	478	54.58	502	62.42	525	70.31	547	78.89	568	87.64				
90800	2000	435	42.72	461	50.11	487	58.11	512	66.89	535	75.24	557	84.06	577	92.50	597	101.40	617	111.55
99880	2200	453	48.78	482	57.98	507	66.70	539	78.84	554	85.50	576	94.24	596	103.54	615	112.68	632	121.92
108960	2400	475	56.11	501	65.57	527	76.06	551	85.89	574	96.10	594	105.36	614	115.15	632	124.62	650	134.43
118040	2600	500	64.62	521	74.19	546	85.17	572	96.91	593	107.05	613	117.53	633	127.89	651	138.33	669	148.65
127120	2800	522	74.66	544	84.23	567	95.41	592	107.22	614	120.05	634	130.93	651	140.97	671	152.86	694	167.88
136200	3000	549	85.50	568	95.92	590	107.59	615	121.78	634	131.88	654	145.34	673	157.04	690	168.47	709	181.15
145280	3200	575	97.57	594	109.07	612	119.89	633	133.00	654	146.65	675	160.72	694	173.93	711	185.75	728	198.73
154360	3400	602	111.28	620	123.50	637	135.16	654	146.56	677	162.72	695	175.87	714	190.07	730	202.47	748	216.70
163440	3600	629	125.29	648	139.46	664	152.13	681	165.11	696	176.67	714	190.97	723	198.49	752	222.15	769	236.55
172520	3800	657	141.19	674	156.01	690	169.58	705	181.92	721	196.23	735	208.57	754	224.60	771	239.86	789	257.22
181600	4000	684	158.10	701	173.69	716	187.78	731	202.10	746	217.67	760	230.11	777	245.56	793	261.46	810	278.16

CFM	OV	6.5 SP		7 SP		7.5 SP		8 SP		9 SP		In SP		11 SP		12 SP		13 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
99880	2200	651	132.07	669	142.77														
108960	2400	669	145.78	686	155.85	703	166.98	722	179.18										
118040	2600	687	159.54	705	171.33	721	182.36	738	194.17	770	218.00	799	242.37						
127120	2800	706	175.97	720	185.66	737	197.37	754	210.06	786	235.24	815	260.46	844	286.52				
136200	3000	725	192.38	741	204.26	756	215.91	770	227.31	804	255.06	833	280.76	860	306.69	875	321.91	914	363.18
145280	3200	745	211.09	760	222.96	776	235.94	790	247.90	820	273.98	849	300.92	877	328.94	904	357.43	933	389.74
154360	3400	764	230.37	779	243.02	795	256.61	810	270.22	838	296.16	867	325.55	895	353.37	923	384.84	950	415.93
163440	3600	784	250.08	799	264.48	815	279.05	818	281.82	859	322.05	885	349.11	915	381.38	940	411.00	966	443.04
172520	3800	805	272.27	820	287.16	836	303.19	850	317.25	880	348.60	906	377.11	932	407.01	959	440.77	982	470.27
181600	4000	826	294.91	842	311.66	856	326.46	871	343.04	899	375.12	927	407.68	953	439.17	978	470.78	1001	502.54
190680	4200	847	318.92	862	335.49	878	353.42	892	370.37	920	404.39	949	439.97	973	471.95	997	504.11	1021	536.97
199760	4400	868	342.69	883	360.99	899	381.16	914	399.39	941	434.43	970	473.34	996	508.08	1018	540.30	1041	573.53
208840	4600	889	367.89	906	389.34	920	408.49	935	427.92	961	464.41	990	504.27	1014	540.96	1039	578.03	1063	614.72
217920	4800	914	398.95	926	416.43	940	434.83	955	456.01	983	496.82	1010	538.55	1036	578.76	1059	615.72	1083	654.74
227000	5000	938	431.29	950	449.43	962	465.14	974	484.90	991	510.57	1030	572.65	1055	612.99	1082	661.37	1102	694.58

Performance Shown Is for Installation type B - Free Inlet. Ducted outlet
Power ratings (BHP) do not include drive losses
Performance ratings do not include the effects of appurtenances in the airstream

SIZE DWDI 730 TYPE PBA CENTRIFUGAL FAN

WHEEL DIAMETER=73" OUTLET AREA=55.35 SQ.FT. TIP SPEED=19.11xRPM MAXIMUM BHP=768(RPM/1000) CUBED

TOP WHITE AREA, CLASS I / TOP SHADED AREA, CLASS II / BOTTOM WHITE AREA, CLASS III/ BOTTOM SHADED AREA, CLASS IV

CFM	OV	0.25 SP		0.375 SP		0.5 SP		0.625 SP		0.75 SP		0.875 SP		1 SP		1.25 SP		1.5 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
44280	800	149	2.86	164	3.77	180	4.84	193	5.87	203	6.71	215	7.83	233	10.05				
49815	900	156	3.29	176	4.67	188	5.58	203	6.90	213	7.89	225	9.10	241	11.46	260	13.93	290	19.32
55350	1000	169	4.18	184	5.37	200	6.80	212	7.99	222	9.06	233	10.35	241	11.46	260	13.93	290	19.32
60885	1100	183	5.24	192	6.13	205	7.43	221	9.23	233	10.63	242	11.80	252	13.16	270	15.84	290	19.32
66420	1200	193	6.01	205	7.37	215	8.59	228	10.22	243	12.20	250	13.25	260	14.75	279	17.88	297	21.06
71955	1300	206	7.32	216	8.65	227	10.12	237	11.44	249	13.26	261	15.17	267	16.18	288	19.91	304	22.94
77490	1400	217	8.39	227	9.95	239	11.70	246	12.88	257	14.63	268	16.50	278	18.44	295	21.66	312	25.19
85025	1500	230	9.89	238	11.25	250	13.29	257	14.67	265	16.15	276	18.12	287	20.36	304	23.88	320	27.52
88560	1600	243	11.49	251	13.06	260	14.85	269	16.78	277	18.30	287	20.36	297	22.47	313	26.22	329	30.16
94095	1700	255	13.19	264	15.02	272	16.72	280	18.64	290	20.94	297	22.63	305	24.41	321	28.52	339	33.40
99630	1800	268	15.02	276	17.09	284	19.03	292	21.15	299	22.96	308	25.05	315	26.97	331	31.32	347	35.90
105165	1900	281	17.28	289	19.24	297	21.59	305	23.86	312	25.92	320	28.10	326	29.82	340	34.09	354	38.44
110700	2000	294	19.75	302	22.03	311	24.47	318	26.67	325	29.01	331	30.88	338	33.10	351	37.41	364	41.64
121770	2200	323	25.93	331	28.60	336	30.51	342	32.57	349	35.50	355	37.82	362	40.24	373	44.51	385	49.42
132840	2400	349	32.70	355	34.84	361	37.13	367	39.78	373	42.28	381	45.89	386	48.05	396	52.88	407	57.78
143910	2600	375	39.89	380	42.44	387	45.26	392	47.70	397	50.49	404	53.76	409	56.70	420	62.51	430	67.85
154980	2800	401	52.54	406	51.25	412	54.19	418	57.43	423	60.19	429	63.43	434	66.81	445	73.18	455	79.61
166050	3000	428	58.72	433	61.80	439	65.19	445	68.76	450	71.85	455	75.39	459	78.23	469	84.99	478	91.29
177120	3200	455	70.67	461	74.37	466	77.50	472	81.70	477	85.11	481	88.00	486	91.92	495	98.40	502	108.34
188190	3400	483	84.36	489	88.43	494	92.00	499	95.91	504	99.89	508	102.83	512	106.68	521	113.88	528	120.21

CFM	OV	2 SP		2.5 SP		3 SP		3.5 SP		4 SP		4.5 SP		5 SP		5.5 SP		6 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
66420	1200	326	27.15																
71955	1300	333	29.54	361	36.79														
77490	1400	341	32.13	367	39.32														
83025	1500	351	35.24	375	42.33	399	50.30												
88560	1600	359	38.33	383	45.76	407	53.70	430	62.67										
94095	1700	367	41.25	393	49.79	414	57.48	437	66.42	459	76.18								
99630	1800	375	44.69	401	53.29	425	62.43	445	71.05	466	80.41	488	91.64						
105165	1900	385	48.52	408	57.10	433	66.78	455	76.37	475	86.02	495	96.32	515	107.22				
110700	2000	394	52.26	417	61.31	440	71.09	464	81.83	484	92.05	504	102.84	522	113.16	540	124.05	559	136.48
121770	2200	410	59.68	436	70.94	459	81.60	488	96.45	502	104.61	521	115.30	539	126.68	556	137.86	573	149.16
132840	2400	430	68.64	453	80.22	477	93.05	499	105.08	520	117.57	538	128.90	556	140.88	572	152.46	588	164.46
143910	2600	452	79.06	472	90.77	495	104.20	518	118.56	537	130.96	555	143.79	573	156.46	590	169.24	606	181.86
154980	2800	473	91.34	492	103.05	513	116.73	536	131.18	556	146.97	574	160.19	589	172.46	607	187.01	629	205.39
166050	3000	497	104.60	514	117.35	534	131.62	557	148.99	574	161.34	592	177.81	609	192.12	625	206.11	642	221.63
177120	3200	521	119.37	538	133.44	554	146.67	573	162.71	592	179.41	611	196.63	629	212.79	643	227.25	660	243.13
188190	3400	546	136.14	562	151.10	577	165.36	592	179.31	613	199.08	629	215.16	646	232.54	661	247.70	677	265.12
199260	3600	570	153.28	586	170.62	601	186.12	617	202.00	630	216.14	647	233.64	655	242.84	681	271.79	696	299.41
210330	3800	594	172.73	610	190.87	625	207.46	638	222.57	653	240.08	666	255.16	683	274.78	698	293.45	715	314.69
221400	4000	619	193.42	634	212.50	648	229.73	662	247.26	676	266.30	688	281.52	703	300.43	718	319.88	733	340.31

CFM	OV	6.5 SP		7 SP		7.5 SP		8 SP		9 SP		10 SP		11 SP		12 SP		13 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
121770	2200	590	161.58	606	174.66														
132840	2400	606	178.35	621	190.67	637	204.29	653	219.21										
143910	2600	622	195.18	638	209.61	653	223.11	668	237.55	697	266.70	724	296.52						
154980	2800	639	215.29	652	227.14	667	241.46	683	256.99	711	287.80	738	318.66	764	350.53				
166050	3000	656	235.36	671	249.90	684	264.15	698	278.10	728	312.04	754	343.49	779	375.22	793	393.84	829	444.33
177120	3200	674	258.25	688	272.77	702	288.66	715	303.29	742	335.19	768	368.15	794	402.44	818	437.28	845	476.81
188190	3400	692	281.84	706	297.32	720	313.94	734	330.60	759	362.33	785	398.28	810	432.32	836	470.83	860	508.86
199260	3600	710	305.95	724	323.57	738	341.40	741	344.79	778	394.00	802	427.11	828	466.59	851	502.93	875	542.03
210330	3800	729	333.10	743	351.32	757	370.92	770	388.14	797	426.48	820	461.36	844	497.94	868	539.24	889	575.34
221400	4000	748	360.80	762	381.29	775	399.39	788	419.69	814	458.93	839	498.77	863	537.29	885	575.96	907	614.82
232470	4200	767	390.18	780	410.45	795	432.39	808	453.11	833	494.74	859	538.28	881	577.39	903	616.74	924	656.95
243540	4400	786	419.26	800	441.65	814	466.32	828	488.63	852	531.49	878	579.09	902	621.6	922	661.01	942	701.67
254610	4600	805	450.08	820	476.33	833	499.76	846	523.53	870	568.17	896	616.94	918	661.70	941	707.18	962	752.07
265680	4800	827	488.09	838	509.47	851	531.98	864	557.89	890	607.82	915	658.88	938	708.06	959	753.29	981	801.03
276750	5000	850	527.65	860	549.85	871	569.07	882	593.24	898	624.64	933	700.59	955	749.94	980	809.13	998	849.77

Performance Shown Is for Installation type B - Free Inlet. Ducted outlet
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