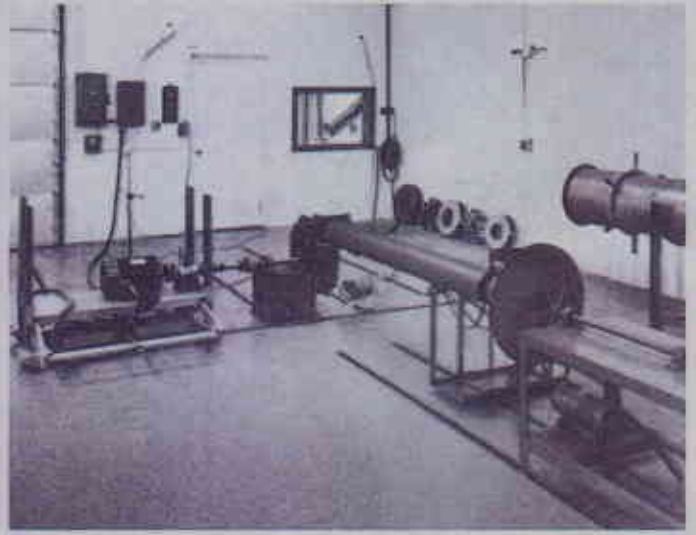
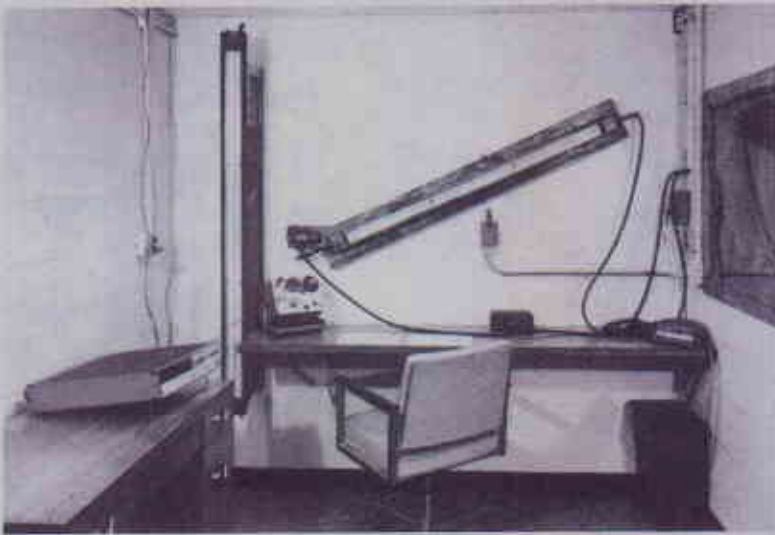


SMB UTILITY BLOWERS



AMERICAN FAN COMPANY LABORATORY—Utilizing the finest test equipment and methods, fan rating accuracy is assured.

APPLICATIONS

Ideal for exhaust or supply applications in laboratories, hospitals, restaurants, schools and a wide variety of other ventilation requirements where a quiet, efficient, complete package unit is required.

OPTIONS

- Special Coatings
- Access Door
- Drain
- Stainless Steel or Aluminum Construction
- Flanged Inlet and Outlet
- Inlet and Outlet Screen
- Automatic Backdraft Discharge Shutter
- Vibration Isolators
- Shaft Seal



SMB & SMD

FORWARD CURVE WHEEL

Heavy duty dynamically balanced wheel with die-formed blades and reinforcement rods (except size 8). Available in diameters from 7 $\frac{1}{16}$ " thru 15".



SMBI & SMDI

BACKWARDLY INCLINED WHEEL

Welded steel non-overloading wheel with spun front-plate for strength and high efficiency. Available in diameters from 10 $\frac{1}{2}$ " thru 15".

UTILITY BLOWER MODELS

SMB-8 thru 15 Forward curve wheel, belt drive.

SMBI-10 thru 15 Backwardly inclined wheel, belt drive.

SMD-8 thru 12 Forward curve wheel, direct drive.

SMDI-10 and 12 Backwardly inclined wheel, direct drive.

FEATURES

Capacity selections up to 4800 CFM — Pressure selections up to 3" SP w.g.

Available in both direct and belt drive.

SMB-9 shown with weather cover removed.

WEATHER COVER (shown on front cover) — 16 gage steel construction, weatherproof and ventilated, eliminates need for belt guard or any other outdoor protection. Fastens securely with four screws.

MOTOR — Split phase, capacitor start, and polyphase are all available. Each motor is sized and suited to your requirement.

HOUSING — All sizes are continuously welded and field rotatable in 45° increments.

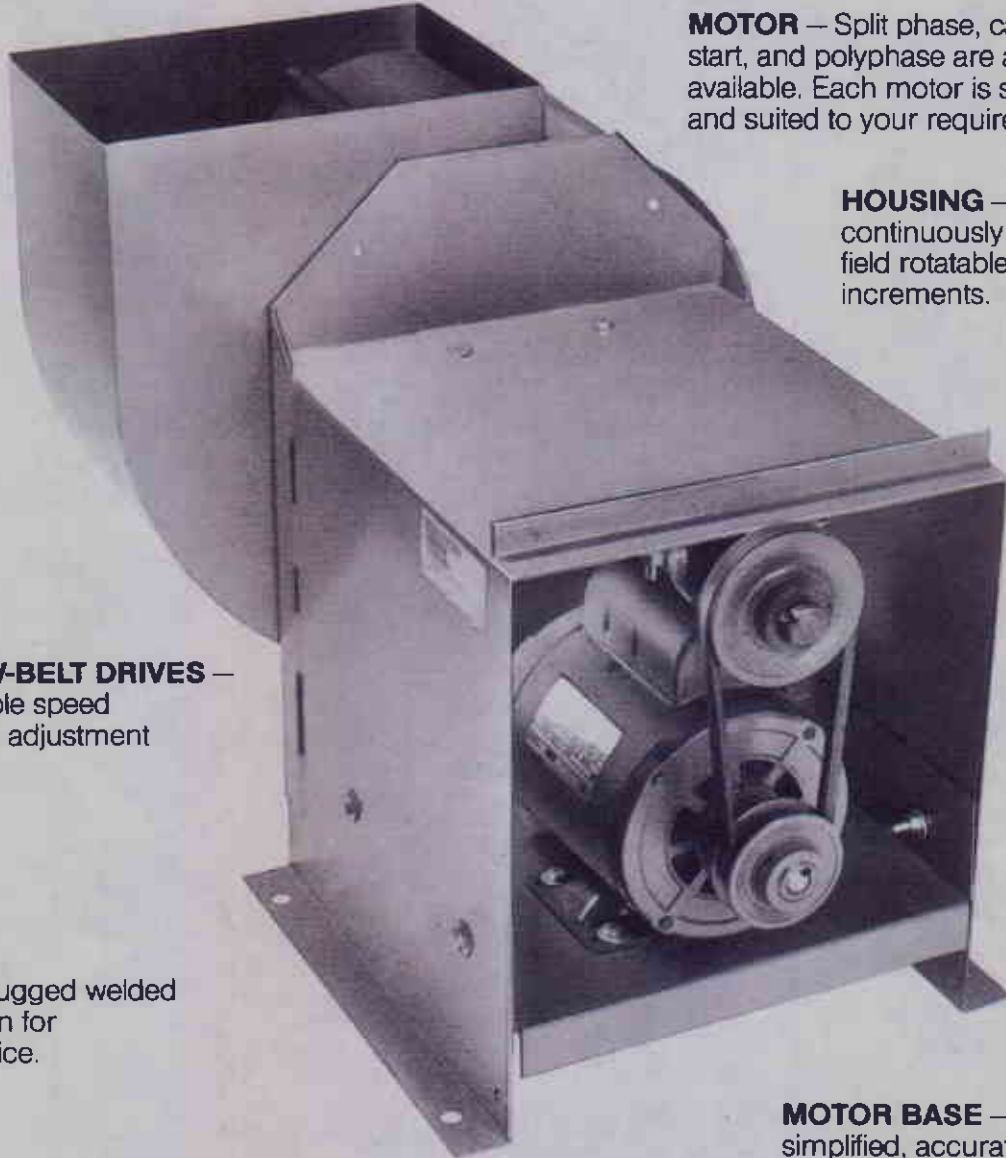
ADJUSTABLE V-BELT DRIVES — Allows fast, simple speed changes for field adjustment of CFM vs. SP.

FAN BASE — Rugged welded steel construction for trouble-free service.

BALL BEARINGS — Self aligning, grease lubricated pillow blocks for long life.

SHAFT — Close tolerance, 1045 drawn, ground, and polished for smooth operation.

MOTOR BASE — Designed for simplified, accurate belt adjustment and access for routine maintenance.



SMB-8 UTILITY BLOWER

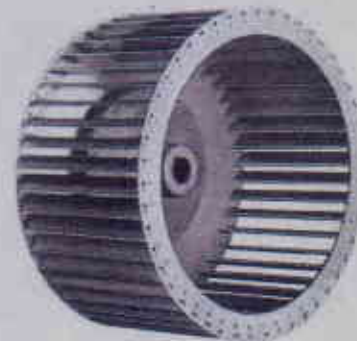
Wheel Diameter = 7 1/8"
 Outlet - 8 1/2" x 5 1/2" outside
 296 sq. ft. inside
 Inlet - 8" Dia.
 Max. RPM - 2800
 Air Density - .075 lbs./cu. ft.



A Flakt Woods Company
 2933 Symmes Road
 Fairfield, Ohio 45014
 Phone (513) 874-2400
 www.flaktwoods.com

CFM	OV	1/2" SP		3/4" SP		1" SP		1 1/4" SP		1 1/2" SP		1 3/4" SP		1 7/8" SP		2" SP													
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP										
237	800	603	0.01	775	0.02	925	0.03	1055	0.05	1173	0.06	1279	0.07	1376	0.09	1465	0.10	1549	0.12	1628	0.14	1703	0.15	1775	0.17	1911	0.21	2037	0.24
267	900	639	0.02	791	0.02	937	0.04	1066	0.05	1181	0.06	1287	0.08	1384	0.10	1475	0.11	1560	0.13	1639	0.15	1714	0.16	1786	0.18	1921	0.22	2047	0.26
296	1000	679	0.02	813	0.03	952	0.04	1077	0.05	1191	0.07	1294	0.09	1392	0.10	1483	0.12	1568	0.14	1648	0.16	1725	0.17	1797	0.19	1932	0.23	2058	0.27
326	1100	720	0.02	844	0.03	968	0.05	1091	0.06	1202	0.08	1305	0.09	1400	0.11	1490	0.13	1576	0.15	1656	0.16	1733	0.18	1806	0.20	1943	0.25	2069	0.29
355	1200	763	0.03	875	0.04	989	0.05	1107	0.07	1215	0.08	1317	0.10	1411	0.12	1499	0.13	1583	0.15	1664	0.17	1741	0.19	1814	0.22	1952	0.26	2080	0.30
385	1300	806	0.04	914	0.05	1019	0.06	1123	0.07	1231	0.09	1328	0.11	1423	0.12	1511	0.14	1593	0.16	1672	0.18	1748	0.21	1822	0.23	1959	0.27	2088	0.32
415	1400	850	0.04	955	0.05	1049	0.06	1146	0.08	1247	0.10	1344	0.11	1434	0.13	1522	0.15	1605	0.17	1683	0.20	1757	0.22	1829	0.24	1967	0.29	2096	0.33
444	1500	895	0.05	996	0.06	1083	0.07	1176	0.09	1263	0.10	1360	0.12	1450	0.14	1534	0.16	1616	0.18	1694	0.21	1768	0.23	1839	0.25	1975	0.30	2103	0.35
474	1600	940	0.06	1038	0.07	1123	0.08	1207	0.10	1292	0.11	1376	0.13	1466	0.15	1549	0.17	1628	0.20	1706	0.22	1780	0.24	1851	0.27	1985	0.31	2111	0.37
504	1700	985	0.07	1080	0.09	1163	0.10	1238	0.11	1322	0.13	1399	0.14	1482	0.16	1566	0.19	1644	0.21	1718	0.23	1791	0.25	1862	0.28	1996	0.33	2129	0.38
533	1800	1031	0.09	1123	0.10	1204	0.11	1278	0.12	1353	0.14	1429	0.16	1500	0.18	1582	0.20	1660	0.22	1734	0.25	1805	0.27	1874	0.29	2007	0.35	2122	0.40
563	1900	1078	0.10	1167	0.11	1246	0.13	1318	0.14	1384	0.15	1460	0.17	1530	0.19	1598	0.21	1676	0.24	1750	0.26	1821	0.29	1888	0.31	2019	0.36	2143	0.42
592	2000	1125	0.11	1211	0.13	1288	0.14	1358	0.16	1424	0.17	1490	0.18	1560	0.21	1627	0.23	1692	0.25	1766	0.28	1837	0.30	1904	0.33	2031	0.38	2155	0.44
622	2100	1172	0.13	1256	0.15	1331	0.16	1399	0.18	1464	0.19	1524	0.20	1591	0.22	1657	0.25	1719	0.27	1783	0.29	1853	0.32	1920	0.35	2047	0.40	2164	0.46
652	2200	1219	0.15	1301	0.16	1374	0.18	1441	0.20	1504	0.21	1563	0.22	1622	0.24	1687	0.26	1749	0.29	1808	0.31	1869	0.34	1936	0.36	2063	0.42	2181	0.48
681	2300	1268	0.17	1346	0.18	1417	0.20	1483	0.22	1545	0.23	1603	0.25	1658	0.26	1718	0.28	1779	0.31	1838	0.33	1894	0.36	1953	0.38	2079	0.44	2197	0.50
711	2400	1318	0.19	1392	0.21	1461	0.23	1526	0.24	1586	0.26	1643	0.27	1698	0.29	1750	0.30	1810	0.33	1868	0.35	1924	0.38	1977	0.41	2095	0.46	2213	0.53
741	2500	1367	0.21	1438	0.23	1506	0.25	1569	0.27	1628	0.28	1684	0.30	1738	0.32	1789	0.33	1841	0.35	1899	0.38	1954	0.40	2007	0.43	2112	0.49	2229	0.55
770	2600	1416	0.23	1484	0.26	1550	0.28	1612	0.29	1670	0.31	1725	0.33	1778	0.35	1829	0.36	1877	0.38	1930	0.40	1985	0.43	2038	0.46	2138	0.51	2246	0.58
800	2700	1466	0.26	1530	0.28	1595	0.30	1656	0.32	1713	0.34	1767	0.36	1819	0.38	1869	0.40	1917	0.41	1963	0.43	2015	0.46	2068	0.49	2168	0.54	2267	0.60
829	2800	1516	0.29	1577	0.31	1641	0.33	1700	0.36	1756	0.38	1809	0.39	1860	0.41	1909	0.43	1957	0.45	2002	0.47	2047	0.48	2099	0.51	2198	0.57	2292	0.63
859	2900	1566	0.32	1624	0.34	1686	0.37	1745	0.39	1800	0.41	1852	0.43	1902	0.45	1950	0.47	1997	0.49	2042	0.51	2085	0.52	2130	0.54	2229	0.61	2322	0.67
889	3000	1616	0.35	1672	0.38	1732	0.40	1789	0.42	1843	0.45	1895	0.47	1944	0.49	1991	0.51	2037	0.53	2082	0.55	2125	0.56	2167	0.58	2265	0.64	2352	0.70
918	3100	1666	0.38	1719	0.41	1778	0.44	1834	0.46	1887	0.48	1938	0.51	1986	0.53	2033	0.55	2078	0.57	2122	0.59	2165	0.61	2206	0.63	2300	0.67	2383	0.74
948	3200	1717	0.42	1768	0.45	1825	0.47	1880	0.50	1932	0.53	1982	0.55	2029	0.57	2075	0.59	2120	0.61	2163	0.63	2205	0.66	2246	0.68	2324	0.71	2413	0.78
978	3300	1767	0.46	1817	0.49	1871	0.52	1925	0.54	1976	0.57	2025	0.59	2072	0.62	2118	0.64	2161	0.66	2204	0.68	2246	0.70	2286	0.73	2364	0.77	2444	0.82
1007	3400	1817	0.50	1866	0.53	1918	0.56	1971	0.59	2021	0.61	2069	0.64	2116	0.66	2160	0.69	2204	0.71	2245	0.73	2286	0.75	2326	0.78	2403	0.82	2477	0.86
1037	3500	1868	0.55	1916	0.57	1965	0.60	2017	0.63	2066	0.66	2114	0.69	2159	0.71	2203	0.74	2246	0.76	2287	0.79	2328	0.81	2367	0.83	2443	0.88	2516	0.92
1066	3600	1919	0.59	1965	0.62	2012	0.65	2063	0.68	2112	0.71	2158	0.74	2203	0.77	2247	0.79	2289	0.82	2330	0.84	2369	0.86	2408	0.89	2484	0.93	2556	0.98

CFM	OV	2 1/4" SP		2 1/2" SP		2 3/4" SP		3" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
237	800	2152	0.28	2261	0.32	2365	0.36	2464	0.41
267	900	2166	0.30	2278	0.34	2382	0.38	2481	0.43
296	1000	2176	0.31	2288	0.36	2395	0.40	2497	0.45
326	1100	2187	0.33	2299	0.38	2406	0.42	2507	0.47
355	1200	2198	0.35	2310	0.40	2416	0.45	2518	0.50
385	1300	2209	0.37	2320	0.42	2427	0.47	2529	0.52
415	1400	2216	0.38	2330	0.44	2438	0.49	2539	0.54
444	1500	2224	0.40	2338	0.46	2446	0.51	2550	0.57
474	1600	2232	0.42	2346	0.47	2454	0.53	2558	0.59
504	1700	2239	0.44	2353	0.49	2462	0.55	2565	0.61
533	1800	2249	0.46	2361	0.51	2469	0.57	2573	0.63
563	1900	2260	0.48	2371	0.53	2477	0.59	2581	0.66
592	2000	2272	0.50	2382	0.56	2487	0.62	2589	0.68
622	2100	2283	0.52	2393	0.58	2499	0.64	2599	0.71
652	2200	2295	0.54	2405	0.60	2510	0.67	2610	0.73
681	2300	2308	0.56	2417	0.63	2522	0.69	2622	0.76
711	2400	2324	0.59	2429	0.65	2533	0.72	2633	0.79
741	2500	2340	0.62	2445	0.68	2545	0.75	2645	0.82
770	2600	2356	0.64	2461	0.71	2561	0.78	2657	0.85
800	2700	2373	0.67	2477	0.74	2577	0.81	2672	0.88
829	2800	2389	0.70	2493	0.77	2593	0.84	2688	0.92
859	2900	2410	0.73	2510	0.80	2609	0.88	2704	0.95
889	3000	2440	0.77	2526	0.84	2625	0.91	2721	0.99
918	3100	2470	0.81	2553	0.87	2642	0.95	2737	1.03
948	3200	2500	0.85	2580	0.92	2662	0.99	2753	1.06
978	3300	2531	0.89	2613	0.96	2692	1.03	2769	1.10
1007	3400	2561	0.93	2644	1.00	2722	1.08	2780	1.15
1037	3500	2592	0.98	2674	1.05	2753	1.13		
1066	3600	2624	1.02	2705	1.10	2783	1.18		



SMB-9 UTILITY BLOWER

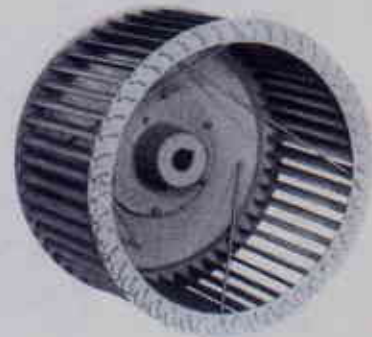
Wheel Diameter = 9 1/2"
 Outlet - 10 1/2" x 5 1/2" outside
 468 sq. ft. inside
 Inlet - 9" Dia.
 Max. RPM - 2200
 Air Density - .075 lbs./cu. ft.



A Flakt Woods Company
 2933 Symmes Road
 Fairfield, Ohio 45014
 Phone (513) 874-2400
 www.flaktwoods.com

CFM	OV	3/4" SP		1" SP		1 1/4" SP		1 1/2" SP		1 3/4" SP		2" SP		2 1/4" SP		2 1/2" SP		2 3/4" SP		3" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
375	900	475	0.02																		
421	900	498	0.02	630	0.03																
468	1000	523	0.03	646	0.04																
515	1100	549	0.03	666	0.05	771	0.06														
562	1200	577	0.04	688	0.06	787	0.07	882	0.09												
609	1300	605	0.05	711	0.06	805	0.08	894	0.10	980	0.12										
656	1400	635	0.06	736	0.07	826	0.09	911	0.11	993	0.13										
702	1500	666	0.07	762	0.09	849	0.11	930	0.13	1007	0.15	1083	0.17								
749	1600	699	0.08	789	0.10	873	0.12	951	0.14	1024	0.16	1096	0.19	1168	0.21						
796	1700	732	0.09	816	0.11	898	0.14	973	0.16	1044	0.18	1113	0.21	1180	0.23	1247	0.26				
843	1800	767	0.11	845	0.13	923	0.15	996	0.18	1065	0.20	1131	0.22	1196	0.25	1260	0.28	1322	0.30		
890	1900	801	0.12	874	0.15	950	0.17	1021	0.20	1088	0.22	1152	0.25	1213	0.27	1275	0.30	1335	0.33	1394	0.36
937	2000	836	0.14	904	0.16	977	0.19	1046	0.22	1111	0.24	1173	0.27	1233	0.30	1291	0.33	1350	0.35	1407	0.38
983	2100	871	0.16	936	0.19	1005	0.21	1072	0.24	1135	0.27	1196	0.30	1254	0.32	1310	0.35	1366	0.38	1421	0.41
1030	2200	905	0.18	968	0.21	1033	0.24	1099	0.26	1160	0.29	1219	0.32	1276	0.35	1331	0.38	1384	0.41	1438	0.44
1077	2300	940	0.21	1000	0.23	1062	0.26	1126	0.29	1186	0.32	1243	0.35	1299	0.38	1353	0.41	1405	0.44	1455	0.47
1124	2400	975	0.23	1034	0.26	1091	0.29	1153	0.32	1212	0.35	1269	0.38	1323	0.41	1375	0.45	1426	0.48	1476	0.51
1171	2500	1010	0.26	1068	0.29	1123	0.32	1182	0.35	1239	0.38	1294	0.41	1347	0.45	1399	0.48	1448	0.52	1497	0.55
1218	2600	1046	0.29	1103	0.32	1155	0.35	1210	0.38	1266	0.42	1320	0.45	1372	0.48	1422	0.52	1471	0.55	1519	0.59
1264	2700	1081	0.32	1137	0.35	1187	0.38	1239	0.42	1294	0.45	1347	0.49	1397	0.52	1447	0.56	1495	0.60	1542	0.63
1311	2800	1117	0.36	1172	0.39	1219	0.42	1269	0.45	1323	0.49	1374	0.53	1424	0.56	1472	0.60	1519	0.64	1565	0.68
1358	2900	1152	0.40	1207	0.43	1253	0.46	1301	0.49	1351	0.53	1402	0.57	1450	0.61	1497	0.64	1544	0.68	1588	0.72
1405	3000	1188	0.44	1242	0.47	1287	0.50	1333	0.54	1380	0.57	1430	0.61	1478	0.65	1524	0.69	1569	0.73	1613	0.77
1452	3100	1224	0.48	1276	0.51	1322	0.55	1365	0.58	1410	0.62	1458	0.66	1505	0.70	1551	0.74	1594	0.78	1638	0.82
1499	3200	1260	0.53	1311	0.56	1356	0.59	1397	0.63	1441	0.67	1487	0.71	1533	0.75	1578	0.79	1621	0.83	1663	0.88
1545	3300	1295	0.58	1346	0.61	1390	0.65	1431	0.68	1473	0.72	1516	0.76	1561	0.81	1605	0.85	1648	0.89	1689	0.93
1592	3400	1331	0.63	1381	0.66	1425	0.70	1465	0.74	1505	0.78	1545	0.82	1590	0.86	1633	0.91	1675	0.95	1716	0.99
1639	3500	1367	0.68	1416	0.72	1460	0.75	1499	0.79	1537	0.83	1577	0.88	1619	0.92	1661	0.97	1702	1.01	1743	1.06
1686	3600	1403	0.74	1451	0.78	1495	0.81	1533	0.85	1570	0.90	1609	0.94	1648	0.98	1690	1.03	1730	1.08	1770	1.12
1733	3700	1439	0.80	1487	0.84	1530	0.88	1567	0.92	1603	0.96	1641	1.00	1678	1.05	1718	1.10	1758	1.15	1797	1.19

CFM	OV	1 3/4" SP		2" SP		2 1/4" SP		2 1/2" SP		2 3/4" SP		3" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1030	2200	1643	0.57										
1077	2300	1656	0.61										
1124	2400	1669	0.65	1763	0.72								
1171	2500	1684	0.69	1776	0.76	1864	0.84						
1218	2600	1701	0.73	1789	0.81	1877	0.89	1961	0.96				
1264	2700	1718	0.78	1805	0.86	1890	0.94	1973	1.01				
1311	2800	1738	0.83	1822	0.91	1904	0.99	1986	1.07	2066	1.15		
1358	2900	1759	0.88	1838	0.96	1921	1.04	1999	1.13	2078	1.21	2154	1.30
1405	3000	1780	0.93	1859	1.01	1937	1.10	2015	1.19	2091	1.27	2167	1.36
1452	3100	1802	0.99	1880	1.07	1955	1.16	2032	1.25	2106	1.34	2180	1.43
1499	3200	1825	1.05	1902	1.14	1976	1.22	2048	1.31	2122	1.40	2193	1.50
1545	3300	1848	1.11	1923	1.20	1997	1.29	2067	1.38	2139	1.47		
1592	3400	1872	1.18	1946	1.27	2018	1.36	2088	1.45	2156	1.54		
1639	3500	1896	1.24	1970	1.34	2040	1.43	2109	1.53	2176	1.62		
1686	3600	1921	1.31	1993	1.41	2063	1.51	2131	1.61	2197	1.70		
1733	3700	1946	1.39	2017	1.49	2086	1.59	2153	1.69				



SMB-10 UTILITY BLOWER

Wheel Diameter = 10 1/2"
 Outlet — 11 1/2" x 8" outside
 .653 sq. ft. inside
 Inlet — 10" Dia.
 Max. RPM — 2200
 Air Density — .075 lbs./cu. ft.



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CFM	OV	3/4" SP		1" SP		1 1/4" SP		1 1/2" SP		1 3/4" SP		2" SP		2 1/4" SP		2 1/2" SP		3" SP			
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
522	800	424	0.03	530	0.04																
568	900	450	0.03	545	0.05																
653	1000	477	0.04	568	0.06	652	0.07														
718	1100	505	0.05	592	0.07	668	0.09	745	0.10												
783	1200	537	0.07	617	0.09	690	0.11	760	0.12												
849	1300	571	0.08	643	0.10	713	0.13	777	0.15	844	0.16										
914	1400	607	0.10	670	0.12	738	0.14	800	0.17	859	0.19	920	0.20								
979	1500	646	0.13	698	0.14	764	0.17	823	0.19	879	0.22	936	0.24	992	0.25						
1044	1600	686	0.15	728	0.16	790	0.19	848	0.22	902	0.25	954	0.27	1007	0.29	1060	0.31				
1110	1700	727	0.18	760	0.19	817	0.21	873	0.25	926	0.28	976	0.30	1024	0.33	1075	0.35	1125	0.37		
1175	1800	767	0.22	794	0.22	844	0.24	900	0.28	951	0.31	999	0.34	1046	0.37	1091	0.39	1140	0.42	1187	0.44
1240	1900	808	0.25	830	0.26	873	0.27	927	0.31	976	0.34	1024	0.38	1069	0.41	1113	0.44	1155	0.47	1202	0.49
1306	2000	849	0.30	866	0.30	905	0.31	954	0.34	1003	0.38	1049	0.42	1093	0.45	1136	0.48	1177	0.52	1217	0.54
1371	2100	890	0.34	906	0.34	936	0.36	981	0.38	1029	0.42	1074	0.46	1118	0.50	1159	0.53	1200	0.57	1239	0.60
1436	2200	931	0.39	945	0.40	971	0.40	1010	0.42	1056	0.46	1101	0.50	1143	0.55	1184	0.58	1223	0.62	1261	0.66
1501	2300	972	0.45	985	0.45	1006	0.46	1042	0.48	1084	0.51	1128	0.55	1169	0.59	1208	0.64	1247	0.68	1284	0.72
1567	2400	1014	0.51	1026	0.51	1042	0.52	1073	0.53	1111	0.56	1155	0.60	1195	0.65	1234	0.69	1272	0.74	1309	0.78
1632	2500	1055	0.57	1066	0.58	1081	0.58	1107	0.59	1142	0.62	1182	0.66	1222	0.70	1260	0.75	1297	0.80	1333	0.84
1697	2600	1096	0.64	1107	0.65	1120	0.65	1142	0.66	1174	0.69	1209	0.72	1249	0.76	1287	0.81	1323	0.86	1358	0.91
1763	2700	1138	0.72	1148	0.73	1160	0.73	1178	0.74	1205	0.76	1239	0.78	1276	0.83	1314	0.88	1350	0.93	1384	0.98
1828	2800	1179	0.80	1189	0.81	1200	0.82	1214	0.82	1239	0.83	1270	0.86	1304	0.90	1341	0.95	1376	1.00	1410	1.05
1893	2900	1221	0.89	1230	0.90	1240	0.91	1253	0.91	1274	0.92	1302	0.94	1333	0.97	1368	1.02	1403	1.08	1437	1.13
1958	3000	1262	0.98	1271	0.99	1281	1.00	1293	1.00	1310	1.01	1334	1.03	1365	1.06	1396	1.10	1430	1.16	1464	1.21
2024	3100	1304	1.08	1312	1.09	1322	1.10	1333	1.11	1346	1.11	1369	1.13	1396	1.16	1425	1.19	1458	1.24	1491	1.30
2089	3200	1346	1.19	1353	1.20	1362	1.21	1373	1.22	1384	1.22	1404	1.24	1428	1.26	1457	1.29	1485	1.33	1518	1.39
2154	3300	1387	1.30	1395	1.32	1403	1.33	1413	1.34	1424	1.34	1440	1.35	1461	1.37	1488	1.40	1515	1.43	1546	1.48
2219	3400	1429	1.43	1436	1.44	1444	1.45	1453	1.46	1464	1.46	1476	1.47	1497	1.49	1520	1.51	1547	1.55	1573	1.58
2285	3500	1471	1.55	1477	1.57	1485	1.58	1494	1.59	1504	1.59	1514	1.59	1532	1.61	1552	1.63	1578	1.67	1604	1.71
2350	3600	1512	1.69	1519	1.70	1526	1.72	1534	1.73	1544	1.73	1554	1.73	1568	1.75	1588	1.77	1610	1.80	1635	1.84
2415	3700	1554	1.84	1560	1.85	1567	1.86	1575	1.87	1584	1.88	1594	1.88	1604	1.89	1623	1.91	1642	1.93	1667	1.97

CFM	OV	1 3/4" SP		2" SP		2 1/4" SP		2 1/2" SP		2 3/4" SP		3" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1371	2100	1400	0.70										
1436	2200	1415	0.77	1490	0.82								
1501	2300	1430	0.85	1505	0.90								
1567	2400	1447	0.93	1520	0.99	1590	1.04						
1632	2500	1469	1.00	1535	1.08	1605	1.13	1672	1.18				
1697	2600	1492	1.08	1554	1.16	1621	1.23	1687	1.29	1750	1.34		
1763	2700	1515	1.17	1577	1.25	1636	1.33	1702	1.40	1765	1.46	1826	1.51
1828	2800	1539	1.25	1599	1.34	1658	1.43	1717	1.51	1780	1.57	1841	1.63
1893	2900	1563	1.34	1622	1.44	1681	1.53	1736	1.62	1796	1.70	1856	1.76
1958	3000	1588	1.44	1646	1.54	1703	1.64	1759	1.73	1812	1.82	1871	1.89
2024	3100	1613	1.53	1671	1.64	1726	1.75	1781	1.84	1834	1.94	1886	2.03
2089	3200	1639	1.63	1696	1.75	1751	1.86	1804	1.96	1857	2.06	1907	2.16
2154	3300	1665	1.73	1721	1.86	1775	1.97	1828	2.08	1879	2.19	1930	2.29
2219	3400	1692	1.84	1747	1.97	1800	2.09	1852	2.21	1902	2.32	1952	2.43
2285	3500	1719	1.95	1773	2.08	1825	2.21	1877	2.34	1926	2.46	1975	2.57
2350	3600	1746	2.07	1800	2.20	1851	2.34	1902	2.47	1951	2.59	1998	2.72
2415	3700	1773	2.19	1826	2.33	1877	2.47	1927	2.61	1976	2.74	2023	2.87



SMB-12 UTILITY BLOWER

Wheel Diameter = 12 $\frac{1}{4}$ "
 Outlet — 13 $\frac{1}{4}$ " x 9 $\frac{1}{2}$ " outside
 886 sq. ft. inside
 Inlet — 13 $\frac{1}{4}$ " Dia.
 Max. RPM — 1870
 Air Density — .075 lbs./cu. ft.



A Flakt Woods Company
 2933 Symmes Road
 Fairfield, Ohio 45014
 Phone (513) 874-2400
 www.flaktwoods.com

CFM	OV	1/8" SP		1/4" SP		3/8" SP		1/2" SP		5/8" SP		3/4" SP		1" SP		1 1/4" SP		1 1/2" SP		1 3/4" SP		2" SP			
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
709	800	325	0.03	422	0.05																				
797	900	341	0.04	432	0.06	510	0.08																		
886	1000	359	0.05	444	0.07	519	0.09																		
974	1100	384	0.06	456	0.08	528	0.10	594	0.13																
1063	1200	413	0.07	470	0.09	540	0.12	604	0.14	662	0.17														
1151	1300	441	0.09	486	0.11	552	0.13	614	0.16	671	0.19	723	0.23												
1240	1400	465	0.11	504	0.12	565	0.15	626	0.18	680	0.21	733	0.25	781	0.28										
1328	1500	490	0.13	529	0.15	580	0.17	638	0.20	692	0.24	742	0.27	790	0.31	835	0.35								
1417	1600	513	0.15	556	0.18	597	0.20	650	0.23	704	0.26	753	0.30	800	0.34	844	0.38	887	0.42						
1506	1700	535	0.18	585	0.21	614	0.22	665	0.26	716	0.29	764	0.33	810	0.37	854	0.41	896	0.45						
1594	1800	557	0.20	614	0.24	637	0.26	681	0.29	728	0.32	776	0.36	821	0.40	863	0.44	905	0.49	945	0.53	983	0.58	1019	0.62
1683	1900	579	0.23	638	0.28	664	0.30	698	0.32	744	0.36	789	0.40	833	0.44	875	0.48	915	0.52	954	0.57	992	0.62	1029	0.66
1771	2000	602	0.26	663	0.32	692	0.34	717	0.36	760	0.40	802	0.43	845	0.48	887	0.52	926	0.57	964	0.61	1002	0.66	1038	0.71
1860	2100	626	0.30	688	0.36	722	0.39	742	0.41	776	0.44	817	0.48	858	0.52	899	0.57	938	0.61	976	0.66	1011	0.70	1047	0.76
1948	2200	653	0.34	711	0.40	750	0.44	769	0.46	794	0.49	834	0.53	872	0.57	911	0.61	950	0.66	988	0.71	1023	0.76	1057	0.81
2037	2300	679	0.39	733	0.45	775	0.49	797	0.52	817	0.54	850	0.58	888	0.62	924	0.66	963	0.72	1000	0.77	1035	0.82	1069	0.87
2126	2400	705	0.45	755	0.50	799	0.55	826	0.58	844	0.60	868	0.63	904	0.68	940	0.72	975	0.77	1012	0.82	1047	0.88	1081	0.93
2214	2500	731	0.50	777	0.55	824	0.61	856	0.65	871	0.67	890	0.70	921	0.74	956	0.79	990	0.83	1024	0.88	1059	0.94	1093	1.00
2303	2600	758	0.56	799	0.60	849	0.68	881	0.72	899	0.75	916	0.77	939	0.80	972	0.85	1006	0.90	1038	0.95	1071	1.00	1105	1.06
2391	2700	784	0.63	822	0.66	873	0.74	906	0.79	928	0.83	943	0.85	961	0.88	989	0.92	1022	0.97	1054	1.02	1084	1.07	1117	1.13
2480	2800	810	0.70	844	0.72	894	0.81	930	0.87	958	0.92	971	0.94	987	0.97	1008	1.00	1038	1.05	1070	1.10	1100	1.15	1129	1.21
2568	2900	836	0.77	868	0.79	916	0.88	955	0.95	983	1.00	1000	1.03	1014	1.06	1031	1.09	1055	1.13	1086	1.18	1116	1.24	1145	1.29
2657	3000	861	0.85	894	0.88	938	0.96	980	1.04	1008	1.09	1030	1.13	1042	1.16	1057	1.19	1076	1.22	1102	1.27	1132	1.33	1161	1.39
2745	3100	887	0.93	920	0.97	960	1.04	1004	1.13	1032	1.19	1059	1.24	1071	1.26	1084	1.29	1099	1.32	1120	1.36	1148	1.42	1177	1.48
2834	3200	913	1.02	946	1.06	983	1.12	1025	1.22	1057	1.29	1083	1.34	1100	1.38	1112	1.40	1126	1.44	1143	1.47	1165	1.52	1193	1.58
2923	3300	939	1.11	972	1.16	1005	1.21	1047	1.31	1082	1.39	1107	1.45	1130	1.50	1141	1.53	1153	1.56	1168	1.59	1186	1.63	1210	1.68
3011	3400	964	1.21	999	1.27	1028	1.30	1069	1.41	1107	1.50	1132	1.56	1156	1.62	1170	1.66	1181	1.68	1195	1.72	1208	1.75	1228	1.80
3100	3500	990	1.31	1025	1.38	1050	1.40	1091	1.51	1130	1.61	1157	1.68	1180	1.74	1199	1.79	1210	1.82	1222	1.85	1235	1.89	1251	1.93
3188	3600	1016	1.42	1051	1.50	1075	1.52	1113	1.62	1151	1.72	1182	1.81	1205	1.87	1227	1.93	1239	1.97	1249	2.00	1262	2.03	1275	2.07
3277	3700	1043	1.54	1078	1.62	1101	1.64	1136	1.73	1173	1.84	1207	1.94	1229	2.01	1252	2.07	1269	2.12	1278	2.15	1289	2.18	1302	2.22

CFM	OV	1 1/4" SP		2" SP		2 1/4" SP		2 1/2" SP		2 3/4" SP		3" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1771	2000	1106	0.81										
1860	2100	1115	0.86	1179	0.97								
1948	2200	1125	0.92	1188	1.03	1248	1.14						
2037	2300	1134	0.97	1198	1.09	1257	1.20						
2126	2400	1144	1.03	1207	1.15	1267	1.27	1323	1.39				
2214	2500	1156	1.10	1216	1.21	1276	1.34	1332	1.47	1386	1.59		
2303	2600	1168	1.18	1227	1.29	1285	1.41	1342	1.54	1395	1.67	1447	1.80
2391	2700	1180	1.25	1239	1.37	1295	1.49	1351	1.62	1405	1.76	1456	1.89
2480	2800	1192	1.33	1251	1.46	1307	1.58	1360	1.70	1414	1.84	1465	1.98
2568	2900	1204	1.41	1263	1.54	1319	1.67	1371	1.80	1423	1.93	1475	2.08
2657	3000	1217	1.50	1275	1.63	1331	1.77	1383	1.90	1434	2.03	1484	2.17
2745	3100	1231	1.60	1287	1.73	1343	1.87	1395	2.00	1445	2.14	1493	2.27
2834	3200	1247	1.70	1300	1.82	1355	1.97	1407	2.11	1457	2.25	1505	2.39
2923	3300	1264	1.81	1314	1.93	1367	2.07	1419	2.22	1469	2.37	1517	2.51
3011	3400	1280	1.93	1330	2.05	1379	2.18	1431	2.34	1481	2.49	1529	2.64
3100	3500	1296	2.04	1346	2.18	1394	2.31	1444	2.45	1493	2.61	1541	2.77
3188	3600	1312	2.17	1362	2.31	1410	2.44	1456	2.58	1505	2.74	1553	2.90
3277	3700	1333	2.31	1379	2.44	1426	2.58	1471	2.72	1518	2.87	1565	3.04

