

## CENTRIFUGAL FAN TYPE

F

SIZE 122

SINGLE WIDTH  
SINGLE INLET

WHEEL DIA. 12 1/4"

OUTLET AREA 0.86 SQ FT

| CFM  | O. V.<br>FPM | 1/4" SP |      | 3/8" SP |      | 1/2" SP |      | 5/8" SP |      | 3/4" SP |      | 7/8" SP |      | 1" SP |      | 1 1/4" SP |      | 1 1/2" SP |      | 1 3/4" SP |      |
|------|--------------|---------|------|---------|------|---------|------|---------|------|---------|------|---------|------|-------|------|-----------|------|-----------|------|-----------|------|
|      |              | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM   | BHP  | RPM       | BHP  | RPM       | BHP  | RPM       | BHP  |
| 773  | 900          | 487     | .06  | 565     |      |         |      |         |      |         |      |         |      |       |      |           |      |           |      |           |      |
| 859  | 1000         | 510     | .08  | 579     | .10  | 649     | .13  |         |      |         |      |         |      |       |      |           |      |           |      |           |      |
| 945  | 1100         | 535     | .09  | 596     | .12  | 660     | .14  | 725     | .18  |         |      |         |      |       |      |           |      |           |      |           |      |
| 1031 | 1200         | 560     | .11  | 618     | .14  | 676     | .17  | 734     | .20  | 794     | .23  |         |      |       |      |           |      |           |      |           |      |
| 1117 | 1300         | 582     | .13  | 643     | .16  | 694     | .19  | 749     | .22  | 803     | .25  | 858     | .29  |       |      |           |      |           |      |           |      |
| 1203 | 1400         | 606     | .16  | 669     | .19  | 717     | .22  | 766     | .25  | 817     | .28  | 866     | .32  | 918   | .36  |           |      |           |      |           |      |
| 1289 | 1500         | 630     | .18  | 692     | .21  | 742     | .24  | 796     | .28  | 833     | .31  | 880     | .35  | 927   | .39  | 1027      | .48  |           |      |           |      |
| 1375 | 1600         | 655     | .21  | 715     | .24  | 768     | .28  | 810     | .31  | 852     | .35  | 896     | .39  | 941   | .43  | 1028      | .51  |           |      |           |      |
| 1461 | 1700         | 681     | .24  | 738     | .28  | 792     | .32  | 835     | .35  | 875     | .39  | 915     | .43  | 956   | .47  | 1039      | .56  | 1123      | .65  |           |      |
| 1547 | 1800         | 707     | .28  | 762     | .32  | 815     | .36  | 861     | .40  | 899     | .43  | 936     | .47  | 975   | .52  | 1053      | .61  | 1130      | .70  | 1214      | .81  |
| 1633 | 1900         | 734     | .32  | 788     | .36  | 838     | .40  | 885     | .44  | 925     | .48  | 960     | .52  | 995   | .56  | 1069      | .66  | 1143      | .75  | 1216      | .85  |
| 1719 | 2000         | 762     | .37  | 813     | .41  | 861     | .45  | 908     | .49  | 950     | .54  | 985     | .58  | 1019  | .62  | 1087      | .71  | 1158      | .81  | 1228      | .92  |
| 1805 | 2100         | 792     | .42  | 838     | .46  | 885     | .50  | 931     | .55  | 974     | .59  | 1011    | .64  | 1043  | .68  | 1107      | .77  | 1174      | .87  | 1242      | .98  |
| 1891 | 2200         | 821     | .47  | 864     | .51  | 911     | .56  | 954     | .60  | 997     | .65  | 1036    | .70  | 1070  | .74  | 1131      | .84  | 1193      | .94  | 1257      | 1.05 |
| 1977 | 2300         | 852     | .51  | 891     | .57  | 936     | .62  | 978     | .67  | 1020    | .72  | 1060    | .77  | 1095  | .82  | 1154      | .91  | 1213      | 1.02 | 1274      | 1.13 |
| 2063 | 2400         | 882     | .57  | 919     | .64  | 962     | .69  | 1003    | .74  | 1043    | .79  | 1082    | .84  | 1119  | .89  | 1180      | .99  | 1237      | 1.10 | 1293      | 1.21 |
| 2149 | 2500         | 911     | .62  | 949     | .71  | 986     | .76  | 1029    | .81  | 1067    | .86  | 1105    | .92  | 1142  | .97  | 1206      | 1.08 | 1260      | 1.18 | 1313      | 1.29 |
| 2235 | 2600         | 944     | .71  | 977     | .78  | 1014    | .83  | 1054    | .89  | 1091    | .94  | 1128    | 1.00 | 1164  | 1.05 | 1231      | 1.17 | 1285      | 1.27 | 1337      | 1.39 |
| 2321 | 2700         | 976     | .80  | 1007    | .86  | 1041    | .92  | 1079    | .97  | 1117    | 1.03 | 1152    | 1.09 | 1188  | 1.15 | 1255      | 1.26 | 1311      | 1.37 | 1361      | 1.49 |
| 2407 | 2800         | 1007    | .89  | 1038    | .93  | 1070    | 1.01 | 1105    | 1.06 | 1143    | 1.12 | 1176    | 1.18 | 1211  | 1.24 | 1278      | 1.36 | 1337      | 1.48 | 1386      | 1.60 |
| 2493 | 2900         | 1038    | 1.00 | 1068    | 1.01 | 1099    | 1.10 | 1132    | 1.16 | 1168    | 1.22 | 1202    | 1.28 | 1235  | 1.34 | 1299      | 1.46 | 1361      | 1.60 | 1412      | 1.71 |
| 2579 | 3000         | 1071    | 1.09 | 1098    | 1.09 | 1128    | 1.20 | 1159    | 1.26 | 1193    | 1.32 | 1228    | 1.39 | 1259  | 1.45 | 1324      | 1.58 | 1385      | 1.71 | 1438      | 1.84 |
| 2665 | 3100         | 1102    | 1.20 | 1128    | 1.19 | 1157    | 1.30 | 1187    | 1.37 | 1220    | 1.43 | 1253    | 1.50 | 1285  | 1.57 | 1347      | 1.70 | 1407      | 1.83 | 1463      | 1.97 |
| 2751 | 3200         | 1134    | 1.31 | 1161    | 1.32 | 1188    | 1.40 | 1217    | 1.49 | 1246    | 1.55 | 1278    | 1.62 | 1311  | 1.69 | 1371      | 1.82 | 1429      | 1.96 | 1486      | 2.10 |
| 2837 | 3300         | 1165    | 1.42 | 1193    | 1.46 | 1219    | 1.50 | 1246    | 1.62 | 1273    | 1.68 | 1304    | 1.74 | 1336  | 1.82 | 1394      | 1.95 | 1453      | 2.10 | 1509      | 2.24 |

| CFM  | O. V.<br>FPM | 2" SP |      | 2 1/4" SP |      | 2 1/2" SP |      | 2 3/4" SP |      | 3" SP |      | 3 1/4" SP |      | 3 1/2" SP |      | 3 3/4" SP |      | 4" SP |      | 4 1/4" SP |      |
|------|--------------|-------|------|-----------|------|-----------|------|-----------|------|-------|------|-----------|------|-----------|------|-----------|------|-------|------|-----------|------|
|      |              | RPM   | BHP  | RPM       | BHP  | RPM       | BHP  | RPM       | BHP  | RPM   | BHP  | RPM       | BHP  | RPM       | BHP  | RPM       | BHP  | RPM   | BHP  | RPM       | BHP  |
| 1805 | 2100         | 1303  | 1.09 | 1376      | 1.21 |           |      |           |      |       |      |           |      |           |      |           |      |       |      |           |      |
| 1891 | 2200         | 1321  | 1.16 | 1383      | 1.28 | 1450      | 1.41 |           |      |       |      |           |      |           |      |           |      |       |      |           |      |
| 1977 | 2300         | 1335  | 1.24 | 1397      | 1.36 | 1455      | 1.48 | 1520      | 1.62 |       |      |           |      |           |      |           |      |       |      |           |      |
| 2063 | 2400         | 1352  | 1.33 | 1411      | 1.45 | 1469      | 1.57 | 1526      | 1.70 | 1588  | 1.84 |           |      |           |      |           |      |       |      |           |      |
| 2149 | 2500         | 1370  | 1.42 | 1426      | 1.54 | 1483      | 1.66 | 1538      | 1.80 | 1593  | 1.93 | 1653      | 2.08 |           |      |           |      |       |      |           |      |
| 2235 | 2600         | 1389  | 1.51 | 1443      | 1.63 | 1497      | 1.77 | 1552      | 1.89 | 1605  | 2.03 | 1658      | 2.17 | 1715      | 2.33 |           |      |       |      |           |      |
| 2321 | 2700         | 1410  | 1.61 | 1462      | 1.74 | 1514      | 1.87 | 1567      | 2.01 | 1618  | 2.14 | 1670      | 2.29 | 1721      | 2.43 | 1776      | 2.59 |       |      |           |      |
| 2407 | 2800         | 1435  | 1.72 | 1482      | 1.85 | 1533      | 1.98 | 1583      | 2.12 | 1633  | 2.26 | 1683      | 2.40 | 1733      | 2.55 | 1782      | 2.70 | 1835  | 2.87 | 1891      | 3.04 |
| 2493 | 2900         | 1458  | 1.84 | 1505      | 1.97 | 1551      | 2.10 | 1601      | 2.24 | 1649  | 2.39 | 1698      | 2.53 | 1746      | 2.67 | 1794      | 2.83 | 1841  | 2.98 | 1892      | 3.16 |
| 2579 | 3000         | 1484  | 1.96 | 1529      | 2.09 | 1572      | 2.22 | 1619      | 2.37 | 1666  | 2.51 | 1713      | 2.67 | 1761      | 2.82 | 1807      | 2.96 | 1853  | 3.13 | 1898      | 3.28 |
| 2665 | 3100         | 1510  | 2.09 | 1552      | 2.22 | 1597      | 2.36 | 1639      | 2.50 | 1685  | 2.65 | 1730      | 2.80 | 1775      | 2.97 | 1822      | 3.11 | 1867  | 3.26 | 1911      | 3.44 |
| 2751 | 3200         | 1536  | 2.23 | 1578      | 2.36 | 1621      | 2.51 | 1662      | 2.65 | 1704  | 2.80 | 1749      | 2.95 | 1792      | 3.10 | 1836      | 3.28 | 1881  | 3.43 | 1925      | 3.58 |
| 2837 | 3300         | 1560  | 2.39 | 1604      | 2.51 | 1644      | 2.65 | 1686      | 2.80 | 1726  | 2.95 | 1768      | 3.10 | 1811      | 3.26 | 1853      | 3.42 | 1895  | 3.60 | 1939      | 3.76 |
| 2923 | 3400         | 1584  | 2.54 | 1630      | 2.68 | 1671      | 2.81 | 1710      | 2.96 | 1750  | 3.11 | 1788      | 3.26 | 1829      | 3.42 | 1872      | 3.59 | 1912  | 3.76 | 1954      | 3.94 |
| 3009 | 3500         | 1607  | 2.69 | 1655      | 2.85 | 1697      | 2.98 | 1735      | 3.13 | 1774  | 3.28 | 1812      | 3.44 | 1850      | 3.60 | 1890      | 3.77 | 1931  | 3.94 | 1971      | 4.11 |
| 3095 | 3600         | 1629  | 2.85 | 1679      | 3.02 | 1722      | 3.16 | 1761      | 3.30 | 1797  | 3.46 | 1836      | 3.62 | 1873      | 3.78 | 1910      | 3.95 | 1949  | 4.12 | 1989      | 4.29 |
| 3181 | 3700         | 1651  | 3.02 | 1702      | 3.19 | 1747      | 3.35 | 1787      | 3.50 | 1824  | 3.65 | 1860      | 3.81 | 1897      | 3.98 | 1932      | 4.14 | 1969  | 4.31 | 2007      | 4.49 |
| 3267 | 3800         | 1675  | 3.21 | 1724      | 3.37 | 1771      | 3.53 | 1813      | 3.70 | 1850  | 3.85 | 1885      | 4.01 | 1921      | 4.18 | 1956      | 4.35 | 1990  | 4.51 | 2027      | 4.69 |
| 3353 | 3900         | 1699  | 3.40 | 1745      | 3.55 | 1794      | 3.74 | 1837      | 3.91 | 1876  | 4.06 | 1911      | 4.21 | 1944      | 4.38 | 1980      | 4.56 | 2015  | 4.73 | 2047      | 4.90 |
| 3439 | 4000         | 1723  | 3.59 | 1770      | 3.76 | 1815      | 3.94 | 1861      | 4.12 | 1901  | 4.29 | 1937      | 4.44 | 1971      | 4.60 | 2003      | 4.78 | 2039  | 4.96 | 2072      | 5.14 |

| CFM  | O. V.<br>FPM | 4 1/2" SP |      | 4 3/4" SP |      | 5" SP |      | 5 1/2" SP |      | 6" SP |      | 6 1/2" SP |      | 7" SP |      | 7 1/2" SP |      | 8" SP |      | 9" SP |      |
|------|--------------|-----------|------|-----------|------|-------|------|-----------|------|-------|------|-----------|------|-------|------|-----------|------|-------|------|-------|------|
|      |              | RPM       | BHP  | RPM       | BHP  | RPM   | BHP  | RPM       | BHP  | RPM   | BHP  | RPM       | BHP  | RPM   | BHP  | RPM       | BHP  | RPM   | BHP  | RPM   | BHP  |
| 2665 | 3100         | 1955      | 3.59 | 2002      | 3.78 | 2050  | 3.96 |           |      |       |      |           |      |       |      |           |      |       |      |       |      |
| 2751 | 3200         | 1968      | 3.76 | 2010      | 3.93 | 2056  | 4.11 | 2151      | 4.50 |       |      |           |      |       |      |           |      |       |      |       |      |
| 2837 | 3300         | 1981      | 3.91 | 2024      | 4.10 | 2065  | 4.27 | 2153      | 4.65 |       |      |           |      |       |      |           |      |       |      |       |      |
| 2923 | 3400         | 1996      | 4.10 | 2037      | 4.26 | 2078  | 4.45 | 2158      | 4.81 | 2246  | 5.22 |           |      |       |      |           |      |       |      |       |      |
| 3009 | 3500         | 2010      | 4.30 | 2052      | 4.46 | 2091  | 4.62 | 2171      | 5.01 | 2251  | 5.39 | 2338      | 5.82 |       |      |           |      |       |      |       |      |
| 3095 | 3600         | 2027      | 4.47 | 2066      | 4.67 | 2105  | 4.84 | 2184      | 5.20 | 2260  | 5.58 | 2341      | 6.00 |       |      |           |      |       |      |       |      |
| 3181 | 3700         | 2046      | 4.67 | 2083      | 4.85 | 2121  | 5.06 | 2198      | 5.40 | 2273  | 5.80 | 2346      | 6.19 | 2427  | 6.63 |           |      |       |      |       |      |
| 3267 | 3800         | 2064      | 4.88 | 2101      | 5.06 | 2138  | 5.25 | 2213      | 5.64 | 2287  | 6.00 | 2359      | 6.42 | 2433  | 6.84 | 2511      | 7.29 |       |      |       |      |
| 3353 | 3900         | 2083      | 5.09 | 2120      | 5.28 | 2156  | 5.47 | 2228      | 5.88 | 2301  | 6.25 | 2373      | 6.65 | 2442  | 7.06 | 2516      | 7.51 | 2593  | 7.98 |       |      |
| 3439 | 4000         | 2104      | 5.31 | 2139      | 5.51 | 2175  | 5.70 | 2245      | 6.09 | 2315  | 6.51 | 2386      | 6.87 | 2456  | 7.32 | 2523      | 7.73 | 2597  | 8.21 |       |      |
| 3525 | 4100         | 2128      | 5.56 | 2160      | 5.74 | 2194  | 5.94 | 2263      | 6.33 | 2331  | 6.76 | 2401      | 7.16 | 2469  | 7.55 | 2537      | 8.01 | 2603  | 8.44 | 2752  | 9.43 |
| 3611 | 4200         | 2152      | 5.81 | 2183      | 6.00 | 2214  | 6.18 | 2282      | 6.59 | 2348  | 6.99 | 2415      | 7.44 | 2483  | 7.83 | 2550      | 8.27 | 2615  | 8.72 | 2753  | 9.68 |
| 3697 | 4300         | 2176      | 6.07 | 2207      | 6.26 | 2238  | 6.45 | 2301      | 6.85 | 2367  | 7.27 | 2432      | 7.70 | 2498  | 8.14 | 2563      | 8.53 | 2629  | 9.01 | 2758  | 9.94 |
| 3783 | 4400         | 2199      | 6.33 | 2231      | 6.53 | 2262  | 6.73 | 2321      | 7.12 | 2386  | 7.55 | 2449      | 7.96 | 2513  | 8.44 | 2578      | 8.86 | 2642  | 9.27 | 2766  | 10.2 |
| 3869 | 4500         | 2225      | 6.61 | 2254      | 6.80 | 2286  | 7.03 | 2344      | 7.41 | 2405  | 7.83 | 2469      | 8.27 | 2530  | 8.71 | 2593      | 9.19 | 2656  | 9.61 | 2780  | 10.5 |
| 3955 | 4600         | 2251      | 6.90 | 2280      | 7.10 | 2309  | 7.30 | 2369      | 7.72 | 2426  | 8.13 | 2487      | 8.57 | 2549  | 9.01 | 2609      | 9.49 | 2671  | 9.96 | 2793  | 10.8 |
| 4041 | 4700         | 2278      | 7.22 | 2306      | 7.40 | 2334  | 7.61 | 2393      | 8.03 | 2449  | 8.44 | 2507      | 8.88 | 2567  | 9.34 | 2626      | 9.78 | 2686  | 10.3 | 2806  | 11.1 |
| 4127 | 4800         | 2303      | 7.54 | 2332      | 7.73 | 2360  | 7.92 | 2416      | 8.35 | 2473  | 8.78 | 2527      | 9.20 | 2585  | 9.66 | 2645      | 10.1 | 2703  | 10.6 | 2822  | 11.5 |
| 4213 | 4900         | 2328      | 7.88 | 2358      | 8.07 | 2386  | 8.25 | 2440      | 8.67 | 2497  | 9.11 | 2551      | 9.55 | 2606  | 10.0 | 2664      | 10.4 | 2721  | 10.9 | 2836  | 11.9 |
| 4299 | 5000         | 2353      | 8.22 | 2384      | 8.42 | 2413  | 8.62 | 2467      | 9.02 | 2520  | 9.46 | 2575      | 9.91 | 2626  | 10.3 | 2682      | 10.8 | 2740  | 11.3 | 2852  | 12.3 |



# SIZE 135

SINGLE WIDTH  
SINGLE INLET

# CENTRIFUGAL FAN TYPE F

WHEEL DIA. 13 1/2"

OUTLET AREA 1.04 SQ FT

| CFM  | O. V.<br>FPM | 1/4" SP |      | 3/8" SP |       | 1/2" SP |       | 5/8" SP |       | 3/4" SP |       | 7/8" SP |       | 1" SP |       | 1 1/4" SP |       | 1 1/2" SP |       | 1 3/4" SP |       |
|------|--------------|---------|------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|-------|-------|-----------|-------|-----------|-------|-----------|-------|
|      |              | RPM     | BHP  | RPM     | BHP   | RPM     | BHP   | RPM     | BHP   | RPM     | BHP   | RPM     | BHP   | RPM   | BHP   | RPM       | BHP   | RPM       | BHP   | RPM       | BHP   |
| 935  | 900          | 442     | .08  | 512     | .11   | 589     | .16   | 658     | .21   | 721     | .28   | 778     | .35   | 832   | .43   | 880       | .51   | 928       | .59   | 976       | .67   |
| 1039 | 1000         | 462     | .09  | 525     | .12   | 599     | .18   | 666     | .24   | 728     | .31   | 785     | .39   | 840   | .47   | 890       | .55   | 940       | .63   | 990       | .71   |
| 1143 | 1100         | 484     | .11  | 540     | .14   | 612     | .20   | 679     | .27   | 742     | .35   | 800     | .43   | 850   | .51   | 900       | .59   | 950       | .67   | 1000      | .75   |
| 1247 | 1200         | 507     | .13  | 560     | .17   | 632     | .23   | 699     | .30   | 762     | .38   | 820     | .46   | 870   | .54   | 920       | .62   | 970       | .70   | 1020      | .78   |
| 1351 | 1300         | 527     | .16  | 582     | .19   | 652     | .26   | 719     | .33   | 782     | .41   | 840     | .49   | 890   | .57   | 940       | .65   | 990       | .73   | 1040      | .81   |
| 1455 | 1400         | 548     | .19  | 605     | .22   | 675     | .29   | 742     | .36   | 805     | .44   | 862     | .52   | 912   | .60   | 962       | .68   | 1012      | .76   | 1062      | .84   |
| 1559 | 1500         | 570     | .22  | 627     | .25   | 697     | .32   | 764     | .39   | 827     | .47   | 884     | .55   | 934   | .63   | 984       | .71   | 1034      | .79   | 1084      | .87   |
| 1663 | 1600         | 593     | .25  | 647     | .29   | 717     | .36   | 784     | .43   | 847     | .51   | 904     | .59   | 954   | .67   | 1004      | .75   | 1054      | .83   | 1104      | .91   |
| 1767 | 1700         | 616     | .29  | 668     | .34   | 737     | .41   | 804     | .48   | 867     | .56   | 924     | .64   | 974   | .72   | 1024      | .80   | 1074      | .88   | 1124      | .96   |
| 1871 | 1800         | 639     | .34  | 690     | .38   | 759     | .45   | 826     | .52   | 889     | .60   | 946     | .68   | 1000  | .76   | 1050      | .84   | 1100      | .92   | 1150      | .1.00 |
| 1975 | 1900         | 664     | .38  | 713     | .43   | 782     | .50   | 849     | .57   | 912     | .65   | 969     | .73   | 1020  | .81   | 1070      | .89   | 1120      | .97   | 1170      | .1.05 |
| 2079 | 2000         | 690     | .44  | 736     | .49   | 805     | .56   | 872     | .63   | 935     | .71   | 992     | .79   | 1042  | .87   | 1092      | .95   | 1142      | .1.03 | 1192      | .1.11 |
| 2183 | 2100         | 716     | .50  | 758     | .55   | 827     | .62   | 894     | .69   | 957     | .77   | 1014    | .85   | 1064  | .93   | 1114      | .1.01 | 1164      | .1.09 | 1214      | .1.17 |
| 2287 | 2200         | 742     | .56  | 782     | .61   | 851     | .68   | 918     | .75   | 981     | .83   | 1038    | .91   | 1088  | .99   | 1138      | .1.07 | 1188      | .1.15 | 1238      | .1.23 |
| 2391 | 2300         | 770     | .62  | 806     | .69   | 875     | .76   | 942     | .83   | 1005    | .91   | 1062    | .99   | 1112  | .1.07 | 1162      | .1.15 | 1212      | .1.23 | 1262      | .1.31 |
| 2495 | 2400         | 797     | .68  | 831     | .76   | 899     | .83   | 966     | .90   | 1029    | .98   | 1086    | .1.06 | 1136  | .1.14 | 1186      | .1.22 | 1236      | .1.30 | 1286      | .1.38 |
| 2599 | 2500         | 824     | .75  | 858     | .85   | 927     | .92   | 994     | .99   | 1057    | .1.07 | 1114    | .1.15 | 1164  | .1.23 | 1214      | .1.31 | 1264      | .1.39 | 1314      | .1.47 |
| 2703 | 2600         | 853     | .85  | 884     | .94   | 953     | .1.00 | 1020    | .1.07 | 1083    | .1.15 | 1140    | .1.23 | 1190  | .1.31 | 1240      | .1.39 | 1290      | .1.47 | 1340      | .1.55 |
| 2807 | 2700         | 882     | .96  | 910     | .1.03 | 979     | .1.10 | 1046    | .1.17 | 1109    | .1.25 | 1166    | .1.33 | 1216  | .1.41 | 1266      | .1.49 | 1316      | .1.57 | 1366      | .1.65 |
| 2911 | 2800         | 910     | 1.07 | 938     | 1.12  | 1007    | 1.19  | 1074    | 1.26  | 1137    | 1.34  | 1194    | 1.42  | 1244  | 1.50  | 1294      | 1.58  | 1344      | 1.66  | 1394      | 1.74  |
| 3015 | 2900         | 939     | 1.19 | 966     | 1.21  | 1035    | 1.28  | 1102    | 1.35  | 1165    | 1.43  | 1222    | 1.51  | 1272  | 1.59  | 1322      | 1.67  | 1372      | 1.75  | 1422      | 1.83  |
| 3119 | 3000         | 968     | 1.31 | 993     | 1.31  | 1061    | 1.38  | 1128    | 1.45  | 1191    | 1.53  | 1248    | 1.61  | 1300  | 1.69  | 1350      | 1.77  | 1400      | 1.85  | 1450      | 1.93  |
| 3223 | 3100         | 997     | 1.44 | 1020    | 1.42  | 1088    | 1.49  | 1155    | 1.56  | 1218    | 1.64  | 1275    | 1.72  | 1325  | 1.80  | 1375      | 1.88  | 1425      | 1.96  | 1475      | 2.04  |
| 3327 | 3200         | 1025    | 1.57 | 1049    | 1.58  | 1117    | 1.65  | 1184    | 1.72  | 1247    | 1.80  | 1304    | 1.88  | 1354  | 1.96  | 1404      | 2.04  | 1454      | 2.12  | 1504      | 2.20  |
| 3431 | 3300         | 1053    | 1.71 | 1078    | 1.74  | 1146    | 1.81  | 1213    | 1.88  | 1276    | 1.96  | 1333    | 2.04  | 1383  | 2.12  | 1433      | 2.20  | 1483      | 2.28  | 1533      | 2.36  |

| CFM  | O. V.<br>FPM | 2" SP |      | 2 1/4" SP |      | 2 1/2" SP |      | 2 3/4" SP |      | 3" SP |      | 3 1/4" SP |      | 3 1/2" SP |      | 3 3/4" SP |      | 4" SP |      | 4 1/4" SP |      |
|------|--------------|-------|------|-----------|------|-----------|------|-----------|------|-------|------|-----------|------|-----------|------|-----------|------|-------|------|-----------|------|
|      |              | RPM   | BHP  | RPM       | BHP  | RPM       | BHP  | RPM       | BHP  | RPM   | BHP  | RPM       | BHP  | RPM       | BHP  | RPM       | BHP  | RPM   | BHP  | RPM       | BHP  |
| 2183 | 2100         | 1185  | 1.32 | 1248      | 1.46 | 1315      | 1.70 | 1384      | 2.05 | 1441  | 2.23 | 1500      | 2.51 | 1556      | 2.81 | 1611      | 3.13 | 1665  | 3.47 | 1716      | 3.82 |
| 2287 | 2200         | 1197  | 1.40 | 1254      | 1.54 | 1321      | 1.79 | 1390      | 2.05 | 1445  | 2.23 | 1504      | 2.51 | 1560      | 2.81 | 1615      | 3.13 | 1670  | 3.47 | 1721      | 3.82 |
| 2391 | 2300         | 1211  | 1.50 | 1266      | 1.64 | 1332      | 1.90 | 1401      | 2.17 | 1456  | 2.45 | 1515      | 2.73 | 1570      | 3.03 | 1625      | 3.35 | 1680  | 3.69 | 1731      | 4.04 |
| 2495 | 2400         | 1225  | 1.60 | 1279      | 1.74 | 1344      | 2.00 | 1413      | 2.26 | 1468  | 2.54 | 1527      | 2.82 | 1582      | 3.12 | 1637      | 3.44 | 1692  | 3.78 | 1743      | 4.13 |
| 2599 | 2500         | 1241  | 1.71 | 1292      | 1.86 | 1357      | 2.11 | 1426      | 2.37 | 1481  | 2.65 | 1540      | 2.93 | 1595      | 3.23 | 1650      | 3.55 | 1705  | 3.89 | 1756      | 4.24 |
| 2703 | 2600         | 1258  | 1.82 | 1308      | 1.97 | 1373      | 2.22 | 1442      | 2.48 | 1497  | 2.76 | 1556      | 3.04 | 1611      | 3.34 | 1666      | 3.66 | 1721  | 4.00 | 1772      | 4.35 |
| 2807 | 2700         | 1277  | 1.94 | 1325      | 2.10 | 1390      | 2.35 | 1459      | 2.61 | 1514  | 2.89 | 1573      | 3.17 | 1628      | 3.47 | 1683      | 3.79 | 1738  | 4.13 | 1789      | 4.48 |
| 2911 | 2800         | 1299  | 2.07 | 1342      | 2.23 | 1407      | 2.48 | 1476      | 2.74 | 1531  | 3.02 | 1590      | 3.30 | 1645      | 3.60 | 1700      | 3.92 | 1755  | 4.26 | 1806      | 4.61 |
| 3015 | 2900         | 1321  | 2.21 | 1363      | 2.37 | 1428      | 2.62 | 1497      | 2.88 | 1552  | 3.16 | 1611      | 3.44 | 1666      | 3.74 | 1721      | 4.06 | 1776  | 4.40 | 1827      | 4.75 |
| 3119 | 3000         | 1343  | 2.36 | 1385      | 2.52 | 1450      | 2.77 | 1519      | 3.03 | 1574  | 3.31 | 1633      | 3.59 | 1688      | 3.89 | 1743      | 4.21 | 1798  | 4.55 | 1849      | 4.90 |
| 3223 | 3100         | 1367  | 2.51 | 1406      | 2.68 | 1471      | 2.93 | 1540      | 3.19 | 1595  | 3.47 | 1654      | 3.75 | 1709      | 4.05 | 1764      | 4.37 | 1819  | 4.71 | 1870      | 5.06 |
| 3327 | 3200         | 1390  | 2.69 | 1429      | 2.85 | 1494      | 3.10 | 1563      | 3.36 | 1618  | 3.64 | 1677      | 3.92 | 1732      | 4.22 | 1787      | 4.54 | 1842  | 4.88 | 1893      | 5.23 |
| 3431 | 3300         | 1413  | 2.87 | 1452      | 3.02 | 1517      | 3.27 | 1586      | 3.53 | 1641  | 3.81 | 1700      | 4.09 | 1755      | 4.39 | 1810      | 4.71 | 1865  | 5.05 | 1916      | 5.40 |
| 3535 | 3400         | 1434  | 3.05 | 1473      | 3.22 | 1538      | 3.47 | 1607      | 3.73 | 1662  | 4.01 | 1721      | 4.29 | 1776      | 4.59 | 1831      | 4.91 | 1886  | 5.25 | 1937      | 5.60 |
| 3639 | 3500         | 1455  | 3.24 | 1494      | 3.43 | 1559      | 3.68 | 1628      | 3.94 | 1683  | 4.22 | 1742      | 4.50 | 1797      | 4.80 | 1852      | 5.12 | 1907  | 5.46 | 1958      | 5.81 |
| 3743 | 3600         | 1475  | 3.43 | 1520      | 3.63 | 1585      | 3.88 | 1654      | 4.14 | 1709  | 4.42 | 1768      | 4.70 | 1823      | 5.00 | 1878      | 5.32 | 1933  | 5.66 | 1984      | 6.01 |
| 3847 | 3700         | 1495  | 3.63 | 1541      | 3.84 | 1606      | 4.09 | 1675      | 4.35 | 1730  | 4.63 | 1789      | 4.91 | 1844      | 5.21 | 1899      | 5.53 | 1954  | 5.87 | 2005      | 6.22 |
| 3951 | 3800         | 1517  | 3.86 | 1561      | 4.06 | 1626      | 4.31 | 1695      | 4.57 | 1750  | 4.85 | 1809      | 5.13 | 1864      | 5.43 | 1919      | 5.75 | 1974  | 6.09 | 2025      | 6.44 |
| 4055 | 3900         | 1538  | 4.09 | 1580      | 4.27 | 1645      | 4.52 | 1714      | 4.78 | 1769  | 5.06 | 1828      | 5.34 | 1883      | 5.64 | 1938      | 5.96 | 1993  | 6.30 | 2044      | 6.65 |
| 4159 | 4000         | 1559  | 4.32 | 1602      | 4.53 | 1667      | 4.78 | 1736      | 5.04 | 1791  | 5.32 | 1850      | 5.60 | 1905      | 5.90 | 1960      | 6.22 | 2015  | 6.56 | 2066      | 6.91 |

| CFM  | O. V.<br>FPM | 4½" SP |      | 4¾" SP |      | 5" SP |      | 5½" SP |      | 6" SP |      | 6½" SP |      | 7" SP |      | 7½" SP |      | 8" SP |      | 9" SP |      |
|------|--------------|--------|------|--------|------|-------|------|--------|------|-------|------|--------|------|-------|------|--------|------|-------|------|-------|------|
|      |              | RPM    | BHP  | RPM    | BHP  | RPM   | BHP  | RPM    | BHP  | RPM   | BHP  | RPM    | BHP  | RPM   | BHP  | RPM    | BHP  | RPM   | BHP  | RPM   | BHP  |
| 3223 | 3100         | 1772   | 4.34 | 1816   | 4.57 | 1860  | 4.79 |        |      |       |      |        |      |       |      |        |      |       |      |       |      |
| 3327 | 3200         | 1784   | 4.54 | 1822   | 4.74 | 1865  | 4.97 | 1952   | 5.44 |       |      |        |      |       |      |        |      |       |      |       |      |
| 3431 | 3300         | 1796   | 4.73 | 1835   | 4.95 | 1872  | 5.16 | 1953   | 5.62 |       |      |        |      |       |      |        |      |       |      |       |      |
| 3535 | 3400         | 1809   | 4.95 | 1847   | 5.14 | 1884  | 5.38 | 1958   | 5.81 | 2038  | 6.31 |        |      |       |      |        |      |       |      |       |      |
| 3639 | 3500         | 1822   | 5.19 | 1860   | 5.38 | 1896  | 5.58 | 1968   | 6.04 | 2042  | 6.52 | 2122   | 7.03 |       |      |        |      |       |      |       |      |
| 3743 | 3600         | 1837   | 5.40 | 1873   | 5.63 | 1909  | 5.84 | 1980   | 6.28 | 2049  | 6.74 | 2123   | 7.25 |       |      |        |      |       |      |       |      |
| 3847 | 3700         | 1853   | 5.63 | 1888   | 5.86 | 1922  | 6.10 | 1992   | 6.51 | 2061  | 7.01 | 2128   | 7.48 | 2202  | 8.02 |        |      |       |      |       |      |
| 3951 | 3800         | 1870   | 5.89 | 1904   | 6.10 | 1938  | 6.34 | 2006   | 6.81 | 2073  | 7.25 | 2139   | 7.75 | 2207  | 8.26 | 2278   | 8.81 |       |      |       |      |
| 4055 | 3900         | 1887   | 6.14 | 1921   | 6.37 | 1954  | 6.59 | 2019   | 7.09 | 2086  | 7.53 | 2151   | 8.03 | 2214  | 8.58 | 2283   | 9.08 | 2354  | 9.65 |       |      |
| 4159 | 4000         | 1906   | 6.41 | 1938   | 6.64 | 1971  | 6.88 | 2034   | 7.35 | 2099  | 7.85 | 2163   | 8.29 | 2226  | 8.84 | 2287   | 9.33 | 2356  | 9.92 |       |      |
| 4263 | 4100         | 1927   | 6.70 | 1956   | 6.92 | 1987  | 7.16 | 2051   | 7.64 | 2113  | 8.16 | 2176   | 8.64 | 2238  | 9.13 | 2300   | 9.67 | 2361  | 10.2 | 2497  | 11.4 |
| 4367 | 4200         | 1949   | 7.00 | 1977   | 7.22 | 2006  | 7.46 | 2068   | 7.95 | 2128  | 8.44 | 2189   | 8.98 | 2251  | 9.44 | 2312   | 9.99 | 2371  | 10.5 | 2497  | 11.7 |
| 4471 | 4300         | 1970   | 7.31 | 1999   | 7.54 | 2026  | 7.77 | 2084   | 8.26 | 2145  | 8.76 | 2204   | 9.30 | 2264  | 9.82 | 2324   | 10.2 | 2383  | 10.8 | 2502  | 12.0 |
| 4575 | 4400         | 1991   | 7.62 | 2021   | 7.87 | 2048  | 8.11 | 2103   | 8.59 | 2162  | 9.10 | 2219   | 9.60 | 2277  | 10.1 | 2337   | 10.6 | 2395  | 11.2 | 2508  | 12.3 |
| 4679 | 4500         | 2015   | 7.96 | 2041   | 8.20 | 2070  | 8.45 | 2123   | 8.93 | 2179  | 9.44 | 2237   | 9.97 | 2293  | 10.5 | 2350   | 11.0 | 2408  | 11.5 | 2520  | 12.7 |
| 4783 | 4600         | 2038   | 8.31 | 2064   | 8.55 | 2091  | 8.80 | 2145   | 9.30 | 2197  | 9.80 | 2253   | 10.3 | 2309  | 10.8 | 2365   | 11.4 | 2421  | 12.0 | 2532  | 13.1 |
| 4887 | 4700         | 2062   | 8.68 | 2088   | 8.91 | 2113  | 9.16 | 2167   | 9.67 | 2217  | 10.1 | 2271   | 10.7 | 2326  | 11.2 | 2380   | 11.8 | 2434  | 12.4 | 2544  | 13.4 |
| 4991 | 4800         | 2085   | 9.08 | 2111   | 9.30 | 2137  | 9.54 | 2188   | 10.0 | 2240  | 10.5 | 2289   | 11.1 | 2343  | 11.6 | 2397   | 12.2 | 2450  | 12.8 | 2558  | 13.9 |
| 5095 | 4900         | 2108   | 9.48 | 2135   | 9.72 | 2160  | 9.93 | 2209   | 10.4 | 2261  | 10.9 | 2310   | 11.5 | 2361  | 12.0 | 2414   | 12.6 | 2465  | 13.1 | 2571  | 14.4 |
| 5199 | 5000         | 2130   | 9.90 | 2158   | 10.1 | 2184  | 10.3 | 2233   | 10.8 | 2283  | 11.4 | 2332   | 11.9 | 2379  | 12.4 | 2430   | 13.0 | 2483  | 13.6 | 2584  | 14.8 |

CENTRIFUGAL FAN TYPE **F**SIZE **150**SINGLE WIDTH  
SINGLE INLET

WHEEL DIA. 15"

OUTLET AREA 1.28 SQ FT

| CFM  | O. V.<br>FPM | 1/4" SP |      | 3/8" SP |      | 1/2" SP |      | 5/8" SP |      | 3/4" SP |      | 7/8" SP |      | 1" SP |      | 1 1/4" SP |      | 1 1/2" SP |      | 1 3/4" SP |      |
|------|--------------|---------|------|---------|------|---------|------|---------|------|---------|------|---------|------|-------|------|-----------|------|-----------|------|-----------|------|
|      |              | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM   | BHP  | RPM       | BHP  | RPM       | BHP  | RPM       | BHP  |
| 1151 | 900          | 397     | .10  | 461     | .13  | 530     | .19  | 592     | .26  | 649     | .34  | 701     | .42  | 742   | .50  | 788       | .58  | 827       | .66  | 866       | .74  |
| 1279 | 1080         | 415     | .11  | 472     | .15  | 530     | .19  | 592     | .26  | 649     | .34  | 701     | .42  | 742   | .50  | 788       | .58  | 827       | .66  | 866       | .74  |
| 1407 | 1100         | 435     | .14  | 486     | .17  | 539     | .22  | 592     | .26  | 649     | .34  | 701     | .42  | 742   | .50  | 788       | .58  | 827       | .66  | 866       | .74  |
| 1535 | 1200         | 455     | .17  | 503     | .20  | 551     | .25  | 599     | .29  | 649     | .34  | 701     | .42  | 742   | .50  | 788       | .58  | 827       | .66  | 866       | .74  |
| 1663 | 1300         | 473     | .19  | 523     | .24  | 566     | .28  | 610     | .33  | 654     | .38  | 701     | .42  | 742   | .50  | 788       | .58  | 827       | .66  | 866       | .74  |
| 1791 | 1400         | 493     | .23  | 544     | .27  | 584     | .32  | 624     | .37  | 666     | .42  | 703     | .46  | 749   | .52  | 789       | .60  | 829       | .68  | 869       | .76  |
| 1919 | 1500         | 512     | .27  | 563     | .32  | 603     | .36  | 640     | .41  | 679     | .46  | 713     | .50  | 752   | .56  | 789       | .60  | 829       | .68  | 869       | .76  |
| 2047 | 1600         | 533     | .31  | 581     | .36  | 625     | .41  | 659     | .46  | 694     | .52  | 725     | .56  | 762   | .61  | 797       | .66  | 837       | .74  | 877       | .82  |
| 2175 | 1700         | 553     | .36  | 600     | .41  | 644     | .47  | 680     | .52  | 712     | .58  | 739     | .61  | 774   | .67  | 803       | .70  | 843       | .78  | 883       | .86  |
| 2303 | 1800         | 574     | .41  | 620     | .47  | 663     | .53  | 701     | .58  | 731     | .64  | 755     | .67  | 788   | .73  | 813       | .76  | 853       | .84  | 893       | .92  |
| 2431 | 1900         | 596     | .47  | 640     | .53  | 681     | .59  | 720     | .65  | 752     | .71  | 773     | .74  | 803   | .80  | 829       | .86  | 859       | .92  | 889       | .98  |
| 2559 | 2000         | 619     | .54  | 661     | .60  | 701     | .66  | 739     | .73  | 773     | .79  | 792     | .81  | 820   | .88  | 843       | .90  | 879       | .96  | 909       | 1.02 |
| 2687 | 2100         | 643     | .61  | 681     | .67  | 720     | .74  | 757     | .81  | 793     | .88  | 812     | .89  | 839   | .96  | 863       | 1.00 | 893       | 1.06 | 923       | 1.12 |
| 2815 | 2200         | 666     | .69  | 702     | .75  | 741     | .82  | 776     | .89  | 811     | .96  | 833     | .98  | 859   | 1.05 | 880       | 1.10 | 909       | 1.16 | 939       | 1.22 |
| 2943 | 2300         | 691     | .76  | 724     | .84  | 761     | .91  | 796     | .98  | 829     | 1.06 | 852     | 1.08 | 880   | 1.15 | 909       | 1.20 | 939       | 1.26 | 969       | 1.32 |
| 3071 | 2400         | 716     | .84  | 746     | .94  | 782     | 1.01 | 815     | 1.08 | 848     | 1.16 | 870     | 1.18 | 900   | 1.26 | 929       | 1.32 | 959       | 1.38 | 989       | 1.44 |
| 3199 | 2500         | 740     | .92  | 770     | 1.04 | 802     | 1.12 | 836     | 1.20 | 868     | 1.27 | 887     | 1.28 | 918   | 1.37 | 949       | 1.44 | 979       | 1.50 | 1009      | 1.56 |
| 3327 | 2600         | 766     | 1.03 | 794     | 1.15 | 824     | 1.23 | 857     | 1.31 | 887     | 1.39 | 906     | 1.40 | 936   | 1.48 | 969       | 1.56 | 1000      | 1.62 | 1030      | 1.68 |
| 3455 | 2700         | 792     | 1.17 | 817     | 1.27 | 846     | 1.35 | 877     | 1.44 | 908     | 1.52 | 925     | 1.52 | 954   | 1.60 | 989       | 1.68 | 1020      | 1.74 | 1050      | 1.80 |
| 3583 | 2800         | 817     | 1.31 | 842     | 1.38 | 869     | 1.48 | 898     | 1.57 | 929     | 1.66 | 944     | 1.65 | 973   | 1.74 | 1008      | 1.82 | 1039      | 1.90 | 1070      | 1.96 |
| 3711 | 2900         | 842     | 1.46 | 867     | 1.49 | 893     | 1.62 | 920     | 1.70 | 950     | 1.80 | 963     | 1.78 | 991   | 1.88 | 1026      | 1.96 | 1057      | 2.04 | 1089      | 2.10 |
| 3839 | 3000         | 869     | 1.61 | 891     | 1.61 | 916     | 1.77 | 942     | 1.86 | 970     | 1.95 | 984     | 1.94 | 1010  | 2.02 | 1046      | 2.10 | 1077      | 2.18 | 1109      | 2.24 |
| 3967 | 3100         | 894     | 1.76 | 915     | 1.74 | 939     | 1.92 | 964     | 2.02 | 991     | 2.11 | 1004    | 2.09 | 1030  | 2.18 | 1067      | 2.26 | 1100      | 2.34 | 1131      | 2.40 |
| 4095 | 3200         | 920     | 1.92 | 942     | 1.93 | 964     | 2.07 | 988     | 2.19 | 1012    | 2.28 | 1024    | 2.26 | 1050  | 2.35 | 1087      | 2.44 | 1118      | 2.52 | 1149      | 2.58 |
| 4223 | 3300         | 945     | 2.09 | 968     | 2.13 | 989     | 2.22 | 1012    | 2.38 | 1035    | 2.47 | 1044    | 2.43 | 1070  | 2.53 | 1107      | 2.62 | 1138      | 2.70 | 1169      | 2.76 |

| CFM  | O. V.<br>FPM | 2" SP |      | 2 1/4" SP |      | 2 1/2" SP |      | 2 3/4" SP |      | 3" SP |      | 3 1/4" SP |      | 3 1/2" SP |      | 3 3/4" SP |      | 4" SP |      | 4 1/4" SP |      |
|------|--------------|-------|------|-----------|------|-----------|------|-----------|------|-------|------|-----------|------|-----------|------|-----------|------|-------|------|-----------|------|
|      |              | RPM   | BHP  | RPM       | BHP  | RPM       | BHP  | RPM       | BHP  | RPM   | BHP  | RPM       | BHP  | RPM       | BHP  | RPM       | BHP  | RPM   | BHP  | RPM       | BHP  |
| 2687 | 2100         | 1066  | 1.82 | 1123      | 1.80 | 1184      | 2.09 | 1242      | 2.41 | 1297  | 2.74 | 1350      | 3.09 | 1401      | 3.46 | 1450      | 3.85 | 1498  | 4.27 | 1544      | 4.70 |
| 2815 | 2200         | 1077  | 1.72 | 1128      | 1.90 | 1184      | 2.09 | 1242      | 2.41 | 1297  | 2.74 | 1350      | 3.09 | 1401      | 3.46 | 1450      | 3.85 | 1498  | 4.27 | 1544      | 4.70 |
| 2943 | 2300         | 1089  | 1.84 | 1139      | 2.02 | 1188      | 2.20 | 1242      | 2.41 | 1297  | 2.74 | 1350      | 3.09 | 1401      | 3.46 | 1450      | 3.85 | 1498  | 4.27 | 1544      | 4.70 |
| 3071 | 2400         | 1101  | 1.97 | 1150      | 2.14 | 1198      | 2.33 | 1245      | 2.52 | 1297  | 2.74 | 1350      | 3.09 | 1401      | 3.46 | 1450      | 3.85 | 1498  | 4.27 | 1544      | 4.70 |
| 3199 | 2500         | 1116  | 2.10 | 1162      | 2.29 | 1208      | 2.46 | 1254      | 2.66 | 1300  | 2.87 | 1350      | 3.09 | 1401      | 3.46 | 1450      | 3.85 | 1498  | 4.27 | 1544      | 4.70 |
| 3327 | 2600         | 1131  | 2.23 | 1176      | 2.42 | 1221      | 2.62 | 1265      | 2.80 | 1309  | 3.02 | 1353      | 3.23 | 1401      | 3.46 | 1450      | 3.85 | 1498  | 4.27 | 1544      | 4.70 |
| 3455 | 2700         | 1148  | 2.38 | 1191      | 2.58 | 1234      | 2.77 | 1277      | 2.98 | 1320  | 3.17 | 1362      | 3.39 | 1405      | 3.61 | 1450      | 3.85 | 1498  | 4.27 | 1544      | 4.70 |
| 3583 | 2800         | 1168  | 2.55 | 1207      | 2.74 | 1249      | 2.94 | 1290      | 3.15 | 1331  | 3.36 | 1372      | 3.59 | 1413      | 3.79 | 1454      | 4.02 | 1498  | 4.27 | 1544      | 4.70 |
| 3711 | 2900         | 1187  | 2.72 | 1225      | 2.91 | 1263      | 3.11 | 1304      | 3.32 | 1343  | 3.55 | 1384      | 3.75 | 1424      | 3.97 | 1463      | 4.20 | 1502  | 4.44 | 1544      | 4.70 |
| 3839 | 3000         | 1207  | 2.90 | 1244      | 3.09 | 1280      | 3.29 | 1319      | 3.51 | 1357  | 3.72 | 1396      | 3.96 | 1435      | 4.17 | 1473      | 4.40 | 1511  | 4.64 | 1549      | 4.88 |
| 3967 | 3100         | 1228  | 3.08 | 1263      | 3.29 | 1300      | 3.50 | 1335      | 3.71 | 1373  | 3.93 | 1410      | 4.15 | 1447      | 4.40 | 1485      | 4.61 | 1522  | 4.85 | 1558      | 5.10 |
| 4095 | 3200         | 1249  | 3.30 | 1284      | 3.49 | 1319      | 3.71 | 1353      | 3.92 | 1388  | 4.14 | 1425      | 4.37 | 1460      | 4.61 | 1497      | 4.86 | 1533  | 5.08 | 1569      | 5.32 |
| 4223 | 3300         | 1270  | 3.52 | 1305      | 3.71 | 1338      | 3.92 | 1372      | 4.14 | 1404  | 4.36 | 1439      | 4.59 | 1475      | 4.83 | 1510      | 5.08 | 1545  | 5.34 | 1581      | 5.57 |
| 4351 | 3400         | 1289  | 3.75 | 1326      | 3.95 | 1359      | 4.15 | 1392      | 4.38 | 1424  | 4.60 | 1458      | 4.83 | 1490      | 5.08 | 1525      | 5.32 | 1558  | 5.58 | 1593      | 5.84 |
| 4479 | 3500         | 1308  | 3.97 | 1346      | 4.20 | 1380      | 4.40 | 1411      | 4.62 | 1444  | 4.86 | 1475      | 5.09 | 1506      | 5.33 | 1540      | 5.58 | 1573  | 5.83 | 1606      | 6.10 |
| 4607 | 3600         | 1326  | 4.21 | 1366      | 4.46 | 1401      | 4.67 | 1433      | 4.88 | 1463  | 5.11 | 1494      | 5.36 | 1524      | 5.59 | 1555      | 5.85 | 1588  | 6.11 | 1620      | 6.36 |
| 4735 | 3700         | 1343  | 4.45 | 1385      | 4.71 | 1421      | 4.95 | 1454      | 5.17 | 1484  | 5.39 | 1514      | 5.64 | 1544      | 5.88 | 1572      | 6.12 | 1603  | 6.39 | 1635      | 6.66 |
| 4863 | 3800         | 1363  | 4.73 | 1403      | 4.98 | 1441      | 5.23 | 1475      | 5.46 | 1505  | 5.68 | 1533      | 5.92 | 1563      | 6.18 | 1592      | 6.43 | 1620  | 6.68 | 1650      | 6.95 |
| 4991 | 3900         | 1382  | 5.01 | 1420      | 5.24 | 1460      | 5.51 | 1495      | 5.77 | 1526  | 6.00 | 1554      | 6.23 | 1582      | 6.48 | 1612      | 6.74 | 1640  | 7.00 | 1667      | 7.26 |
| 5119 | 4000         | 1401  | 5.30 | 1440      | 5.55 | 1478      | 5.81 | 1514      | 6.08 | 1546  | 6.33 | 1576      | 6.56 | 1603      | 6.81 | 1631      | 7.07 | 1659  | 7.33 | 1686      | 7.60 |

| CFM  | O. V.<br>FPM | 4 1/2" SP |      | 4 3/4" SP |      | 5" SP |      | 5 1/2" SP |      | 6" SP |      | 6 1/2" SP |      | 7" SP |      | 7 1/2" SP |      | 8" SP |      | 9" SP |      |
|------|--------------|-----------|------|-----------|------|-------|------|-----------|------|-------|------|-----------|------|-------|------|-----------|------|-------|------|-------|------|
|      |              | RPM       | BHP  | RPM       | BHP  | RPM   | BHP  | RPM       | BHP  | RPM   | BHP  | RPM       | BHP  | RPM   | BHP  | RPM       | BHP  | RPM   | BHP  | RPM   | BHP  |
| 3967 | 3100         | 1594      | 5.34 | 1634      | 5.62 | 1674  | 5.90 |           |      |       |      |           |      |       |      |           |      |       |      |       |      |
| 4095 | 3200         | 1605      | 5.58 | 1639      | 5.82 | 1678  | 6.11 | 1757      | 6.69 |       |      |           |      |       |      |           |      |       |      |       |      |
| 4223 | 3300         | 1616      | 5.81 | 1650      | 6.09 | 1683  | 6.34 | 1757      | 6.92 |       |      |           |      |       |      |           |      |       |      |       |      |
| 4351 | 3400         | 1627      | 6.08 | 1661      | 6.33 | 1694  | 6.61 | 1761      | 7.15 | 1834  | 7.76 |           |      |       |      |           |      |       |      |       |      |
| 4479 | 3500         | 1639      | 6.37 | 1672      | 6.61 | 1705  | 6.86 | 1770      | 7.43 | 1838  | 8.02 | 1910      | 8.65 |       |      |           |      |       |      |       |      |
| 4607 | 3600         | 1652      | 6.64 | 1684      | 6.92 | 1717  | 7.17 | 1781      | 7.72 | 1842  | 8.28 | 1911      | 8.92 |       |      |           |      |       |      |       |      |
| 4735 | 3700         | 1666      | 6.92 | 1698      | 7.20 | 1729  | 7.50 | 1791      | 7.99 | 1854  | 8.61 | 1915      | 9.20 | 1981  | 9.86 |           |      |       |      |       |      |
| 4863 | 3800         | 1682      | 7.23 | 1712      | 7.49 | 1742  | 7.79 | 1804      | 8.36 | 1864  | 8.92 | 1924      | 9.53 | 1986  | 10.1 | 2051      | 10.8 |       |      |       |      |
| 4991 | 3900         | 1697      | 7.54 | 1727      | 7.83 | 1756  | 8.10 | 1815      | 8.71 | 1876  | 9.25 | 1935      | 9.88 | 1991  | 10.4 | 2054      | 11.1 | 2119  | 11.8 |       |      |
| 5119 | 4000         | 1713      | 7.87 | 1742      | 8.15 | 1772  | 8.45 | 1829      | 9.04 | 1888  | 9.65 | 1945      | 10.2 | 2002  | 10.8 | 2058      | 11.4 | 2120  | 12.2 |       |      |
| 5247 | 4100         | 1732      | 8.22 | 1759      | 8.50 | 1786  | 8.79 | 1844      | 9.38 | 1900  | 10.0 | 1957      | 10.6 | 2013  | 11.2 | 2068      | 11.8 | 2124  | 12.5 | 2248  | 14.0 |
| 5375 | 4200         | 1752      | 8.59 | 1777      | 8.87 | 1803  | 9.16 | 1859      | 9.77 | 1914  | 10.3 | 1969      | 11.0 | 2024  | 11.6 | 2079      | 12.2 | 2132  | 12.9 | 2246  | 14.3 |
| 5503 | 4300         | 1771      | 8.97 | 1797      | 9.25 | 1821  | 9.54 | 1874      | 10.1 | 1928  | 10.7 | 1982      | 11.4 | 2036  | 12.0 | 2090      | 12.6 | 2143  | 13.3 | 2251  | 14.7 |
| 5631 | 4400         | 1790      | 9.36 | 1816      | 9.66 | 1841  | 9.95 | 1890      | 10.5 | 1944  | 11.1 | 1996      | 11.8 | 2048  | 12.5 | 2102      | 13.1 | 2154  | 13.7 | 2255  | 15.1 |
| 5759 | 4500         | 1810      | 9.77 | 1835      | 10.0 | 1860  | 10.3 | 1908      | 10.9 | 1958  | 11.5 | 2011      | 12.2 | 2062  | 12.9 | 2114      | 13.6 | 2165  | 14.2 | 2267  | 15.6 |
| 5887 | 4600         | 1831      | 10.2 | 1855      | 10.5 | 1879  | 10.8 | 1928      | 11.4 | 1975  | 12.0 | 2026      | 12.7 | 2076  | 13.3 | 2126      | 14.0 | 2177  | 14.7 | 2278  | 16.1 |
| 6015 | 4700         | 1853      | 10.6 | 1876      | 10.9 | 1899  | 11.2 | 1947      | 11.8 | 1993  | 12.4 | 2041      | 13.1 | 2091  | 13.8 | 2140      | 14.5 | 2189  | 15.2 | 2288  | 16.5 |
| 6143 | 4800         | 1874      | 11.1 | 1897      | 11.4 | 1920  | 11.7 | 1966      | 12.3 | 2013  | 12.9 | 2058      | 13.6 | 2106  | 14.3 | 2155      | 15.0 | 2203  | 15.7 | 2300  | 17.1 |
| 6271 | 4900         | 1894      | 11.6 | 1918      | 11.9 | 1941  | 12.1 | 1985      | 12.8 | 2032  | 13.4 | 2076      | 14.1 | 2122  | 14.8 | 2170      | 15.5 | 2216  | 16.2 | 2312  | 17.7 |
| 6399 | 5000         | 1914      | 12.1 | 1939      | 12.4 | 1963  | 12.7 | 2007      | 13.3 | 2051  | 14.0 | 2096      | 14.6 | 2139  | 15.3 | 2185      | 16.0 | 2232  | 16.7 | 2324  | 18.1 |



SIZE **165**

SINGLE WIDTH  
SINGLE INLET

# CENTRIFUGAL FAN TYPE **F**

WHEEL DIA. 16 1/2"

OUTLET AREA 1.56 SQ FT

| CFM  | O. V.<br>FPM | 1/4" SP |      | 3/8" SP |      | 1/2" SP |      | 5/8" SP |      | 3/4" SP |      | 7/8" SP |      | 1" SP |      | 1 1/4" SP |      | 1 1/2" SP |      | 1 3/4" SP |      |
|------|--------------|---------|------|---------|------|---------|------|---------|------|---------|------|---------|------|-------|------|-----------|------|-----------|------|-----------|------|
|      |              | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM   | BHP  | RPM       | BHP  | RPM       | BHP  | RPM       | BHP  |
| 1403 | 900          | 362     | .12  | 419     | .16  | 482     | .23  | 538     | .32  | 589     | .42  | 637     | .53  | 681   | .65  | 762       | .87  | 834       | 1.16 | 901       | 1.46 |
| 1559 | 1000         | 378     | .14  | 430     | .18  | 490     | .26  | 545     | .36  | 596     | .46  | 643     | .58  | 688   | .71  | 762       | .87  | 834       | 1.16 | 901       | 1.46 |
| 1715 | 1100         | 397     | .17  | 443     | .21  | 490     | .26  | 545     | .36  | 596     | .46  | 643     | .58  | 688   | .71  | 762       | .87  | 834       | 1.16 | 901       | 1.46 |
| 1871 | 1200         | 415     | .20  | 459     | .25  | 502     | .30  | 545     | .36  | 596     | .46  | 643     | .58  | 688   | .71  | 762       | .87  | 834       | 1.16 | 901       | 1.46 |
| 2027 | 1300         | 432     | .24  | 477     | .29  | 516     | .34  | 556     | .40  | 596     | .46  | 637     | .53  | 671   | .70  | 710       | .85  | 771       | 1.01 | 834       | 1.16 |
| 2183 | 1400         | 450     | .28  | 496     | .34  | 533     | .39  | 569     | .45  | 606     | .51  | 643     | .58  | 681   | .65  | 724       | .83  | 771       | 1.01 | 834       | 1.16 |
| 2339 | 1500         | 467     | .33  | 514     | .39  | 551     | .44  | 584     | .50  | 618     | .57  | 654     | .64  | 688   | .71  | 724       | .83  | 771       | 1.01 | 834       | 1.16 |
| 2495 | 1600         | 486     | .38  | 530     | .44  | 570     | .51  | 602     | .57  | 633     | .63  | 665     | .70  | 698   | .78  | 733       | .83  | 771       | 1.01 | 834       | 1.16 |
| 2651 | 1700         | 505     | .44  | 548     | .51  | 588     | .58  | 620     | .64  | 650     | .71  | 679     | .78  | 710   | .85  | 744       | .93  | 782       | 1.10 | 839       | 1.27 |
| 2807 | 1800         | 525     | .51  | 566     | .58  | 605     | .65  | 639     | .72  | 667     | .78  | 695     | .86  | 724   | .93  | 752       | 1.01 | 782       | 1.10 | 839       | 1.27 |
| 2963 | 1900         | 545     | .58  | 585     | .65  | 622     | .73  | 657     | .80  | 687     | .87  | 713     | .95  | 739   | 1.02 | 764       | 1.10 | 794       | 1.19 | 849       | 1.36 |
| 3119 | 2000         | 566     | .66  | 604     | .74  | 639     | .81  | 674     | .89  | 706     | .97  | 732     | 1.04 | 757   | 1.12 | 782       | 1.20 | 807       | 1.29 | 860       | 1.48 |
| 3275 | 2100         | 588     | .75  | 622     | .83  | 657     | .91  | 691     | .99  | 723     | 1.07 | 751     | 1.15 | 775   | 1.23 | 802       | 1.30 | 822       | 1.40 | 872       | 1.58 |
| 3431 | 2200         | 609     | .84  | 642     | .93  | 676     | 1.01 | 708     | 1.10 | 740     | 1.18 | 769     | 1.27 | 794   | 1.35 | 818       | 1.43 | 840       | 1.52 | 886       | 1.71 |
| 3587 | 2300         | 632     | .93  | 662     | 1.04 | 695     | 1.13 | 726     | 1.21 | 757     | 1.30 | 787     | 1.39 | 813   | 1.48 | 837       | 1.56 | 857       | 1.66 | 900       | 1.84 |
| 3743 | 2400         | 655     | 1.03 | 682     | 1.15 | 714     | 1.25 | 745     | 1.34 | 774     | 1.43 | 803     | 1.52 | 831   | 1.62 | 856       | 1.70 | 876       | 1.80 | 918       | 1.99 |
| 3899 | 2500         | 677     | 1.13 | 704     | 1.29 | 733     | 1.37 | 764     | 1.47 | 792     | 1.56 | 820     | 1.66 | 848   | 1.76 | 872       | 1.84 | 896       | 1.95 | 936       | 2.15 |
| 4055 | 2600         | 700     | 1.28 | 726     | 1.42 | 753     | 1.51 | 783     | 1.62 | 810     | 1.71 | 838     | 1.81 | 864   | 1.91 | 888       | 2.00 | 914       | 2.12 | 954       | 2.31 |
| 4211 | 2700         | 724     | 1.45 | 747     | 1.56 | 773     | 1.66 | 801     | 1.77 | 829     | 1.87 | 855     | 1.97 | 882   | 2.08 | 907       | 2.19 | 932       | 2.29 | 974       | 2.49 |
| 4367 | 2800         | 748     | 1.62 | 770     | 1.69 | 794     | 1.83 | 821     | 1.93 | 848     | 2.04 | 873     | 2.14 | 899   | 2.25 | 924       | 2.36 | 949       | 2.47 | 993       | 2.69 |
| 4523 | 2900         | 771     | 1.80 | 793     | 1.83 | 816     | 2.00 | 840     | 2.10 | 867     | 2.22 | 893     | 2.33 | 917   | 2.43 | 945       | 2.55 | 965       | 2.65 | 1011      | 2.90 |
| 4679 | 3000         | 795     | 1.99 | 815     | 1.98 | 837     | 2.18 | 860     | 2.29 | 886     | 2.40 | 911     | 2.52 | 935   | 2.63 | 960       | 2.75 | 983       | 2.87 | 1028      | 3.10 |
| 4835 | 3100         | 818     | 2.18 | 838     | 2.15 | 859     | 2.37 | 881     | 2.49 | 905     | 2.60 | 931     | 2.73 | 954   | 2.84 | 979       | 2.97 | 1000      | 3.08 | 1045      | 3.32 |
| 4991 | 3200         | 842     | 2.37 | 862     | 2.39 | 882     | 2.54 | 903     | 2.71 | 925     | 2.81 | 949     | 2.94 | 973   | 3.06 | 997       | 3.18 | 1018      | 3.30 | 1061      | 3.55 |
| 5147 | 3300         | 865     | 2.58 | 885     | 2.64 | 905     | 2.73 | 925     | 2.93 | 945     | 3.04 | 968     | 3.16 | 992   | 3.30 | 1035      | 3.53 | 1079      | 3.80 | 1120      | 4.06 |

| CFM  | O. V.<br>FPM | 2" SP |      | 2 1/4" SP |      | 2 1/2" SP |      | 2 3/4" SP |      | 3" SP |      | 3 1/4" SP |      | 3 1/2" SP |      | 3 3/4" SP |      | 4" SP |      | 4 1/4" SP |      |
|------|--------------|-------|------|-----------|------|-----------|------|-----------|------|-------|------|-----------|------|-----------|------|-----------|------|-------|------|-----------|------|
|      |              | RPM   | BHP  | RPM       | BHP  | RPM       | BHP  | RPM       | BHP  | RPM   | BHP  | RPM       | BHP  | RPM       | BHP  | RPM       | BHP  | RPM   | BHP  | RPM       | BHP  |
| 3275 | 2100         | 971   | 1.98 | 1022      | 2.20 | 1076      | 2.55 | 1132      | 2.93 | 1179  | 3.34 | 1227      | 3.77 | 1274      | 4.22 | 1319      | 4.70 | 1362  | 5.20 | 1404      | 5.52 |
| 3431 | 2200         | 981   | 2.10 | 1027      | 2.32 | 1076      | 2.55 | 1132      | 2.93 | 1179  | 3.34 | 1227      | 3.77 | 1274      | 4.22 | 1319      | 4.70 | 1362  | 5.20 | 1404      | 5.52 |
| 3587 | 2300         | 992   | 2.26 | 1037      | 2.46 | 1081      | 2.69 | 1129      | 2.93 | 1179  | 3.34 | 1227      | 3.77 | 1274      | 4.22 | 1319      | 4.70 | 1362  | 5.20 | 1404      | 5.52 |
| 3743 | 2400         | 1003  | 2.40 | 1047      | 2.62 | 1091      | 2.85 | 1133      | 3.08 | 1179  | 3.34 | 1227      | 3.77 | 1274      | 4.22 | 1319      | 4.70 | 1362  | 5.20 | 1404      | 5.52 |
| 3899 | 2500         | 1017  | 2.57 | 1058      | 2.80 | 1101      | 3.01 | 1142      | 3.26 | 1183  | 3.50 | 1227      | 3.77 | 1274      | 4.22 | 1319      | 4.70 | 1362  | 5.20 | 1404      | 5.52 |
| 4055 | 2600         | 1031  | 2.74 | 1072      | 2.96 | 1112      | 3.21 | 1152      | 3.42 | 1192  | 3.69 | 1231      | 3.94 | 1274      | 4.22 | 1319      | 4.70 | 1362  | 5.20 | 1404      | 5.52 |
| 4211 | 2700         | 1047  | 2.92 | 1085      | 3.15 | 1124      | 3.39 | 1163      | 3.65 | 1202  | 3.87 | 1240      | 4.15 | 1278      | 4.41 | 1319      | 4.70 | 1362  | 5.20 | 1404      | 5.52 |
| 4367 | 2800         | 1065  | 3.12 | 1100      | 3.35 | 1138      | 3.60 | 1175      | 3.85 | 1213  | 4.11 | 1250      | 4.35 | 1286      | 4.63 | 1323      | 4.90 | 1362  | 5.20 | 1404      | 5.52 |
| 4523 | 2900         | 1082  | 3.33 | 1117      | 3.57 | 1152      | 3.81 | 1188      | 4.06 | 1224  | 4.33 | 1260      | 4.60 | 1296      | 4.85 | 1332      | 5.14 | 1366  | 5.41 | 1405      | 5.73 |
| 4679 | 3000         | 1101  | 3.55 | 1135      | 3.79 | 1167      | 4.03 | 1202      | 4.30 | 1237  | 4.56 | 1272      | 4.85 | 1307      | 5.11 | 1342      | 5.37 | 1376  | 5.67 | 1409      | 5.95 |
| 4835 | 3100         | 1121  | 3.79 | 1152      | 4.03 | 1185      | 4.29 | 1217      | 4.54 | 1251  | 4.81 | 1284      | 5.07 | 1318      | 5.38 | 1352      | 5.65 | 1386  | 5.92 | 1419      | 6.24 |
| 4991 | 3200         | 1140  | 4.05 | 1172      | 4.29 | 1203      | 4.54 | 1234      | 4.80 | 1265  | 5.07 | 1298      | 5.35 | 1331      | 5.63 | 1363      | 5.94 | 1396  | 6.22 | 1429      | 6.50 |
| 5147 | 3300         | 1158  | 4.33 | 1191      | 4.56 | 1221      | 4.81 | 1252      | 5.08 | 1281  | 5.34 | 1312      | 5.63 | 1345      | 5.92 | 1376      | 6.21 | 1407  | 6.53 | 1440      | 6.82 |
| 5303 | 3400         | 1176  | 4.60 | 1210      | 4.85 | 1240      | 5.10 | 1269      | 5.37 | 1299  | 5.65 | 1327      | 5.92 | 1358      | 6.21 | 1389      | 6.52 | 1420  | 6.82 | 1450      | 7.15 |
| 5459 | 3500         | 1193  | 4.88 | 1229      | 5.16 | 1260      | 5.41 | 1288      | 5.67 | 1317  | 5.96 | 1345      | 6.24 | 1373      | 6.53 | 1403      | 6.83 | 1433  | 7.14 | 1463      | 7.45 |
| 5615 | 3600         | 1209  | 5.17 | 1246      | 5.47 | 1279      | 5.74 | 1307      | 5.99 | 1334  | 6.27 | 1363      | 6.57 | 1390      | 6.86 | 1418      | 7.16 | 1447  | 7.48 | 1476      | 7.79 |
| 5771 | 3700         | 1226  | 5.48 | 1263      | 5.79 | 1297      | 6.08 | 1327      | 6.35 | 1354  | 6.62 | 1380      | 6.91 | 1408      | 7.21 | 1434      | 7.51 | 1462  | 7.82 | 1490      | 8.15 |
| 5927 | 3800         | 1244  | 5.82 | 1280      | 6.11 | 1315      | 6.42 | 1346      | 6.71 | 1373  | 6.98 | 1399      | 7.27 | 1425      | 7.58 | 1452      | 7.88 | 1477  | 8.18 | 1505      | 8.52 |
| 6083 | 3900         | 1261  | 6.16 | 1296      | 6.44 | 1332      | 6.78 | 1364      | 7.09 | 1392  | 7.37 | 1419      | 7.64 | 1443      | 7.95 | 1470      | 8.27 | 1496  | 8.59 | 1520      | 8.89 |
| 6239 | 4000         | 1279  | 6.51 | 1314      | 6.82 | 1348      | 7.14 | 1381      | 7.47 | 1411  | 7.77 | 1438      | 8.06 | 1463      | 8.35 | 1487      | 8.66 | 1513  | 8.99 | 1538      | 9.32 |

| CFM  | O. V.<br>FPM | 4 1/2" SP |      | 4 3/4" SP |      | 5" SP |      | 5 1/2" SP |      | 6" SP |      | 6 1/2" SP |      | 7" SP |      | 7 1/2" SP |      | 8" SP |      | 9" SP |      |
|------|--------------|-----------|------|-----------|------|-------|------|-----------|------|-------|------|-----------|------|-------|------|-----------|------|-------|------|-------|------|
|      |              | RPM       | BHP  | RPM       | BHP  | RPM   | BHP  | RPM       | BHP  | RPM   | BHP  | RPM       | BHP  | RPM   | BHP  | RPM       | BHP  | RPM   | BHP  | RPM   | BHP  |
| 4835 | 3100         | 1451      | 6.52 | 1487      | 6.86 | 1522  | 7.19 |           |      |       |      |           |      |       |      |           |      |       |      |       |      |
| 4991 | 3200         | 1461      | 6.82 | 1492      | 7.12 | 1526  | 7.46 | 1597      | 8.16 |       |      |           |      |       |      |           |      |       |      |       |      |
| 5147 | 3300         | 1471      | 7.10 | 1502      | 7.44 | 1533  | 7.75 | 1598      | 8.44 |       |      |           |      |       |      |           |      |       |      |       |      |
| 5303 | 3400         | 1482      | 7.44 | 1512      | 7.72 | 1543  | 8.08 | 1602      | 8.72 | 1667  | 9.47 |           |      |       |      |           |      |       |      |       |      |
| 5459 | 3500         | 1493      | 7.80 | 1523      | 8.10 | 1553  | 8.37 | 1612      | 9.08 | 1672  | 9.78 | 1736      | 10.5 |       |      |           |      |       |      |       |      |
| 5615 | 3600         | 1505      | 8.12 | 1534      | 8.47 | 1564  | 8.78 | 1622      | 9.43 | 1678  | 10.1 | 1738      | 10.8 | 1802  | 11.6 |           |      |       |      |       |      |
| 5771 | 3700         | 1519      | 8.47 | 1547      | 8.81 | 1574  | 9.17 | 1632      | 9.79 | 1688  | 10.5 | 1742      | 11.2 | 1802  | 12.0 | 1866      | 12.8 |       |      |       |      |
| 5927 | 3800         | 1532      | 8.85 | 1560      | 9.18 | 1587  | 9.52 | 1643      | 10.2 | 1698  | 10.8 | 1752      | 11.6 | 1806  | 12.4 | 1864      | 13.2 |       |      |       |      |
| 6083 | 3900         | 1547      | 9.24 | 1574      | 9.58 | 1601  | 9.92 | 1654      | 10.6 | 1708  | 11.3 | 1761      | 12.0 | 1813  | 12.8 | 1868      | 13.6 | 1925  | 14.4 |       |      |
| 6239 | 4000         | 1562      | 9.64 | 1588      | 9.99 | 1615  | 10.3 | 1666      | 11.0 | 1719  | 11.8 | 1771      | 12.4 | 1823  | 13.2 | 1873      | 14.0 | 1928  | 14.8 |       |      |
| 6395 | 4100         | 1580      | 10.0 | 1603      | 10.4 | 1629  | 10.7 | 1680      | 11.4 | 1731  | 12.2 | 1782      | 12.9 | 1833  | 13.7 | 1883      | 14.5 | 1932  | 15.3 | 2043  | 17.1 |
| 6551 | 4200         | 1598      | 10.5 | 1621      | 10.8 | 1644  | 11.2 | 1694      | 11.9 | 1743  | 12.6 | 1793      | 13.5 | 1844  | 14.2 | 1893      | 15.0 | 1942  | 15.8 | 2044  | 17.5 |
| 6707 | 4300         | 1615      | 11.0 | 1639      | 11.3 | 1661  | 11.7 | 1708      | 12.4 | 1757  | 13.1 | 1806      | 13.9 | 1855  | 14.7 | 1903      | 15.4 | 1951  | 16.3 | 2048  | 18.0 |
| 6863 | 4400         | 1632      | 11.4 | 1656      | 11.8 | 1679  | 12.2 | 1723      | 12.9 | 1771  | 13.6 | 1818      | 14.4 | 1866  | 15.3 | 1914      | 16.0 | 1961  | 16.8 | 2054  | 18.5 |
| 7019 | 4500         | 1652      | 11.9 | 1673      | 12.3 | 1697  | 12.7 | 1740      | 13.4 | 1785  | 14.2 | 1833      | 15.0 | 1878  | 15.7 | 1925      | 16.6 | 1972  | 17.4 | 2064  | 19.1 |
| 7175 | 4600         | 1671      | 12.5 | 1693      | 12.8 | 1714  | 13.2 | 1759      | 13.9 | 1801  | 14.7 | 1846      | 15.5 | 1892  | 16.3 | 1937      | 17.2 | 1983  | 18.0 | 2074  | 19.7 |
| 7331 | 4700         | 1691      | 13.0 | 1712      | 13.4 | 1733  | 13.8 | 1776      | 14.5 | 1818  | 15.3 | 1861      | 16.1 | 1906  | 16.9 | 1950      | 17.7 | 1994  | 18.6 | 2083  | 20.2 |
| 7487 | 4800         | 1710      | 13.6 | 1731      | 14.0 | 1752  | 14.3 | 1794      | 15.1 | 1836  | 15.9 | 1876      | 16.6 | 1919  | 17.5 | 1964      | 18.3 | 2007  | 19.2 | 2095  | 20.9 |
| 7643 | 4900         | 1728      | 14.2 | 1751      | 14.6 | 1772  | 14.9 | 1812      | 15.7 | 1854  | 16.5 | 1893      | 17.3 | 1935  | 18.1 | 1978      | 19.0 | 2020  | 19.8 | 2106  | 21.7 |
| 7799 | 5000         | 1747      | 14.9 | 1770      | 15.2 | 1791  | 15.6 | 1831      | 16.3 | 1871  | 17.1 | 1912      | 17.9 | 1950  | 18.7 | 1991      | 19.6 | 2034  | 20.5 | 2117  | 22.1 |

CENTRIFUGAL FAN TYPE **F**SIZE **182**SINGLE WIDTH  
SINGLE INLET

WHEEL DIA. 18 1/4"

OUTLET AREA 1.90 SQ FT

| CFM  | O. V.<br>FPM | 1/4" SP |      | 3/8" SP |      | 1/2" SP |      | 5/8" SP |      | 3/4" SP |      | 7/8" SP |      | 1" SP |      | 1 1/4" SP |      | 1 1/2" SP |      | 1 3/4" SP |      |
|------|--------------|---------|------|---------|------|---------|------|---------|------|---------|------|---------|------|-------|------|-----------|------|-----------|------|-----------|------|
|      |              | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM   | BHP  | RPM       | BHP  | RPM       | BHP  | RPM       | BHP  |
| 1709 | 900          | 293     | .13  | 343     | .18  | 394     | .23  |         |      |         |      |         |      |       |      |           |      |           |      |           |      |
| 1899 | 1000         | 304     | .16  | 350     | .21  | 395     | .26  | 441     | .33  |         |      |         |      |       |      |           |      |           |      |           |      |
| 2089 | 1100         | 317     | .19  | 359     | .24  | 400     | .30  | 442     | .36  |         |      |         |      |       |      |           |      |           |      |           |      |
| 2279 | 1200         | 330     | .23  | 370     | .28  | 408     | .34  | 445     | .40  | 484     | .47  |         |      |       |      |           |      |           |      |           |      |
| 2469 | 1300         | 345     | .27  | 382     | .35  | 418     | .39  | 455     | .45  | 487     | .52  | 522     | .60  | 557   | .68  |           |      |           |      |           |      |
| 2659 | 1400         | 357     | .32  | 396     | .39  | 428     | .45  | 462     | .51  | 494     | .58  | 526     | .65  | 559   | .73  |           |      |           |      |           |      |
| 2849 | 1500         | 372     | .38  | 408     | .44  | 442     | .51  | 472     | .57  | 503     | .65  | 533     | .72  | 562   | .80  | 623       | .97  |           |      |           |      |
| 3039 | 1600         | 388     | .44  | 421     | .51  | 455     | .58  | 484     | .65  | 513     | .72  | 541     | .80  | 569   | .88  | 626       | 1.06 | 683       | 1.25 |           |      |
| 3229 | 1700         | 404     | .52  | 435     | .58  | 467     | .66  | 497     | .73  | 523     | .80  | 551     | .88  | 577   | .96  | 630       | 1.14 | 684       | 1.33 | 737       | 1.55 |
| 3419 | 1800         | 421     | .60  | 450     | .67  | 480     | .74  | 510     | .82  | 536     | .90  | 561     | .98  | 587   | 1.06 | 637       | 1.23 | 687       | 1.42 | 738       | 1.64 |
| 3609 | 1900         | 438     | .69  | 466     | .76  | 494     | .84  | 522     | .92  | 549     | 1.00 | 573     | 1.09 | 598   | 1.17 | 645       | 1.34 | 693       | 1.54 | 740       | 1.76 |
| 3799 | 2000         | 456     | .79  | 482     | .86  | 508     | .94  | 535     | 1.03 | 562     | 1.11 | 586     | 1.20 | 609   | 1.29 | 655       | 1.47 | 707       | 1.66 | 743       | 1.87 |
| 3989 | 2100         | 473     | .91  | 498     | .97  | 523     | 1.05 | 549     | 1.14 | 574     | 1.23 | 599     | 1.33 | 622   | 1.42 | 666       | 1.59 | 709       | 1.78 | 752       | 2.01 |
| 4179 | 2200         | 492     | 1.03 | 515     | 1.09 | 538     | 1.17 | 563     | 1.26 | 588     | 1.36 | 612     | 1.46 | 634   | 1.55 | 676       | 1.74 | 718       | 1.93 | 760       | 2.15 |
| 4369 | 2300         | 509     | 1.16 | 531     | 1.23 | 555     | 1.31 | 578     | 1.40 | 601     | 1.50 | 624     | 1.59 | 648   | 1.70 | 689       | 1.90 | 729       | 2.09 | 768       | 2.32 |
| 4559 | 2400         | 527     | 1.30 | 549     | 1.38 | 571     | 1.45 | 593     | 1.55 | 615     | 1.64 | 638     | 1.75 | 660   | 1.86 | 702       | 2.07 | 739       | 2.27 | 778       | 2.50 |
| 4749 | 2500         | 545     | 1.46 | 567     | 1.54 | 588     | 1.61 | 608     | 1.71 | 630     | 1.81 | 651     | 1.91 | 673   | 2.02 | 715       | 2.24 | 752       | 2.46 | 789       | 2.67 |
| 4939 | 2600         | 563     | 1.62 | 585     | 1.71 | 604     | 1.78 | 623     | 1.88 | 645     | 1.98 | 665     | 2.09 | 686   | 2.20 | 728       | 2.43 | 765       | 2.65 | 799       | 2.87 |
| 5129 | 2700         | 582     | 1.80 | 603     | 1.90 | 622     | 1.98 | 641     | 2.06 | 660     | 2.17 | 680     | 2.28 | 700   | 2.39 | 740       | 2.63 | 778       | 2.86 | 812       | 3.10 |
| 5319 | 2800         | 601     | 2.00 | 621     | 2.09 | 639     | 2.18 | 658     | 2.26 | 677     | 2.37 | 695     | 2.48 | 714   | 2.59 | 753       | 2.84 | 791       | 3.09 | 825       | 3.33 |
| 5509 | 2900         | 620     | 2.22 | 639     | 2.30 | 657     | 2.40 | 674     | 2.48 | 693     | 2.58 | 711     | 2.70 | 729   | 2.81 | 767       | 3.06 | 804       | 3.32 | 838       | 3.57 |
| 5699 | 3000         | 640     | 2.45 | 657     | 2.53 | 675     | 2.63 | 691     | 2.71 | 710     | 2.81 | 727     | 2.93 | 745   | 3.05 | 780       | 3.30 | 816       | 3.56 | 851       | 3.83 |
| 5889 | 3100         | 658     | 2.68 | 675     | 2.77 | 693     | 2.88 | 709     | 2.97 | 726     | 3.06 | 743     | 3.17 | 760   | 3.29 | 794       | 3.54 | 829       | 3.82 | 864       | 4.09 |
| 6079 | 3200         | 677     | 2.93 | 692     | 3.01 | 711     | 3.13 | 727     | 3.24 | 742     | 3.31 | 760     | 3.43 | 776   | 3.56 | 809       | 3.81 | 843       | 4.08 | 876       | 4.37 |
| 6269 | 3300         | 696     | 3.21 | 711     | 3.29 | 728     | 3.40 | 745     | 3.52 | 760     | 3.61 | 776     | 3.71 | 792   | 3.84 | 824       | 4.09 | 856       | 4.37 | 889       | 4.66 |

| CFM  | O. V.<br>FPM | 2" SP |      | 2 1/4" SP |      | 2 1/2" SP |      | 2 3/4" SP |      | 3" SP |      | 3 1/4" SP |      | 3 1/2" SP |      | 3 3/4" SP |      | 4" SP |      | 4 1/4" SP |      |
|------|--------------|-------|------|-----------|------|-----------|------|-----------|------|-------|------|-----------|------|-----------|------|-----------|------|-------|------|-----------|------|
|      |              | RPM   | BHP  | RPM       | BHP  | RPM       | BHP  | RPM       | BHP  | RPM   | BHP  | RPM       | BHP  | RPM       | BHP  | RPM       | BHP  | RPM   | BHP  | RPM       | BHP  |
| 3989 | 2100         | 794   | 2.23 | 838       | 2.48 | 881       | 2.73 |           |      |       |      |           |      |           |      |           |      |       |      |           |      |
| 4179 | 2200         | 800   | 2.38 | 841       | 2.62 | 883       | 2.88 | 924       | 3.14 |       |      |           |      |           |      |           |      |       |      |           |      |
| 4369 | 2300         | 808   | 2.53 | 847       | 2.78 | 886       | 3.04 | 926       | 3.31 | 965   | 3.58 |           |      |           |      |           |      |       |      |           |      |
| 4559 | 2400         | 816   | 2.71 | 854       | 2.96 | 891       | 3.22 | 929       | 3.49 | 967   | 3.77 | 1005      | 4.05 |           |      |           |      |       |      |           |      |
| 4749 | 2500         | 825   | 2.92 | 862       | 3.15 | 898       | 3.40 | 933       | 3.68 | 970   | 3.96 | 1007      | 4.25 | 1043      | 4.54 |           |      |       |      |           |      |
| 4939 | 2600         | 836   | 3.12 | 871       | 3.36 | 905       | 3.61 | 940       | 3.88 | 974   | 4.17 | 1009      | 4.47 | 1045      | 4.76 | 1079      | 5.06 |       |      |           |      |
| 5129 | 2700         | 845   | 3.33 | 880       | 3.59 | 914       | 3.83 | 947       | 4.09 | 981   | 4.38 | 1014      | 4.68 | 1047      | 4.99 | 1082      | 5.31 | 1115  | 5.60 |           |      |
| 5319 | 2800         | 857   | 3.56 | 891       | 3.81 | 923       | 4.09 | 956       | 4.34 | 988   | 4.62 | 1020      | 4.92 | 1052      | 5.23 | 1084      | 5.55 | 1117  | 5.88 | 1149      | 6.18 |
| 5509 | 2900         | 870   | 3.82 | 902       | 4.07 | 934       | 4.34 | 965       | 4.61 | 996   | 4.88 | 1027      | 5.17 | 1058      | 5.48 | 1089      | 5.80 | 1120  | 6.14 | 1152      | 6.47 |
| 5699 | 3000         | 883   | 4.09 | 913       | 4.34 | 944       | 4.60 | 975       | 4.89 | 1005  | 5.17 | 1035      | 5.45 | 1065      | 5.75 | 1095      | 6.07 | 1125  | 6.41 | 1155      | 6.75 |
| 5889 | 3100         | 896   | 4.36 | 926       | 4.63 | 955       | 4.89 | 986       | 5.16 | 1014  | 5.47 | 1044      | 5.75 | 1073      | 6.05 | 1102      | 6.36 | 1131  | 6.69 | 1160      | 7.04 |
| 6079 | 3200         | 909   | 4.66 | 939       | 4.93 | 967       | 5.21 | 996       | 5.48 | 1025  | 5.77 | 1053      | 6.09 | 1082      | 6.36 | 1110      | 6.68 | 1138  | 7.01 | 1166      | 7.35 |
| 6269 | 3300         | 922   | 4.96 | 951       | 5.24 | 980       | 5.53 | 1007      | 5.80 | 1036  | 6.09 | 1064      | 6.41 | 1091      | 6.73 | 1118      | 7.01 | 1146  | 7.34 | 1174      | 7.68 |
| 6459 | 3400         | 934   | 5.27 | 965       | 5.58 | 993       | 5.87 | 1020      | 6.16 | 1046  | 6.44 | 1075      | 6.73 | 1101      | 7.08 | 1128      | 7.40 | 1154  | 7.69 | 1181      | 8.03 |
| 6649 | 3500         | 947   | 5.59 | 978       | 5.91 | 1006      | 6.21 | 1033      | 6.53 | 1059  | 6.82 | 1085      | 7.11 | 1112      | 7.42 | 1138      | 7.78 | 1164  | 8.11 | 1190      | 8.40 |
| 6839 | 3600         | 960   | 5.95 | 990       | 6.27 | 1019      | 6.59 | 1046      | 6.90 | 1072  | 7.21 | 1096      | 7.51 | 1123      | 7.82 | 1149      | 8.15 | 1174  | 8.51 | 1199      | 8.84 |
| 7029 | 3700         | 974   | 6.31 | 1002      | 6.62 | 1032      | 6.97 | 1059      | 7.29 | 1085  | 7.62 | 1110      | 7.93 | 1133      | 8.23 | 1159      | 8.56 | 1185  | 8.90 | 1208      | 9.27 |
| 7219 | 3800         | 988   | 6.69 | 1016      | 7.02 | 1044      | 7.36 | 1072      | 7.71 | 1097  | 8.02 | 1123      | 8.36 | 1146      | 8.69 | 1170      | 8.99 | 1195  | 9.33 | 1220      | 9.70 |
| 7409 | 3900         | 1001  | 7.07 | 1030      | 7.42 | 1056      | 7.76 | 1085      | 8.12 | 1111  | 8.47 | 1135      | 8.80 | 1159      | 9.14 | 1182      | 9.47 | 1205  | 9.79 | 1230      | 10.1 |
| 7599 | 4000         | 1016  | 7.51 | 1043      | 7.85 | 1070      | 8.20 | 1097      | 8.55 | 1124  | 8.92 | 1148      | 9.25 | 1172      | 9.62 | 1195      | 9.96 | 1217  | 10.2 | 1241      | 10.6 |

| CFM  | O. V.<br>FPM | 4 1/2" SP |      | 4 3/4" SP |      | 5" SP |      | 5 1/2" SP |      | 6" SP |      | 6 1/2" SP |      | 7" SP |      | 7 1/2" SP |      | 8" SP |      | 9" SP |      |
|------|--------------|-----------|------|-----------|------|-------|------|-----------|------|-------|------|-----------|------|-------|------|-----------|------|-------|------|-------|------|
|      |              | RPM       | BHP  | RPM       | BHP  | RPM   | BHP  | RPM       | BHP  | RPM   | BHP  | RPM       | BHP  | RPM   | BHP  | RPM       | BHP  | RPM   | BHP  | RPM   | BHP  |
| 5889 | 3100         | 1189      | 7.39 | 1219      | 7.76 | 1248  | 8.11 | 1307      | 8.86 |       |      |           |      |       |      |           |      |       |      |       |      |
| 6079 | 3200         | 1194      | 7.71 | 1222      | 8.06 | 1251  | 8.44 | 1308      | 9.16 |       |      |           |      |       |      |           |      |       |      |       |      |
| 6269 | 3300         | 1200      | 8.03 | 1228      | 8.40 | 1254  | 8.75 | 1311      | 9.53 | 1365  | 10.2 |           |      |       |      |           |      |       |      |       |      |
| 6459 | 3400         | 1208      | 8.38 | 1234      | 8.75 | 1260  | 9.12 | 1314      | 9.89 | 1368  | 10.6 | 1421      | 11.4 |       |      |           |      |       |      |       |      |
| 6649 | 3500         | 1216      | 8.76 | 1241      | 9.11 | 1267  | 9.49 | 1318      | 10.2 | 1370  | 11.0 | 1423      | 11.8 | 1474  | 12.7 |           |      |       |      |       |      |
| 6839 | 3600         | 1224      | 9.15 | 1249      | 9.51 | 1274  | 9.88 | 1324      | 10.6 | 1373  | 11.4 | 1425      | 12.3 | 1475  | 13.1 |           |      |       |      |       |      |
| 7029 | 3700         | 1233      | 9.61 | 1258      | 9.93 | 1282  | 10.3 | 1331      | 11.0 | 1379  | 11.8 | 1428      | 12.7 | 1478  | 13.5 | 1526      | 14.3 |       |      |       |      |
| 7219 | 3800         | 1243      | 10.0 | 1267      | 10.4 | 1291  | 10.7 | 1338      | 11.4 | 1385  | 12.3 | 1432      | 13.1 | 1481  | 14.0 | 1529      | 14.9 | 1576  | 15.7 |       |      |
| 7409 | 3900         | 1254      | 10.5 | 1276      | 10.9 | 1300  | 11.2 | 1347      | 11.9 | 1393  | 12.7 | 1438      | 13.6 | 1484  | 14.4 | 1532      | 15.4 | 1579  | 16.3 |       |      |
| 7599 | 4000         | 1264      | 10.9 | 1287      | 11.3 | 1309  | 11.7 | 1355      | 12.4 | 1400  | 13.2 | 1445      | 14.1 | 1490  | 14.9 | 1535      | 15.8 | 1581  | 16.8 | 1672  | 18.6 |
| 7789 | 4100         | 1275      | 11.4 | 1298      | 11.8 | 1320  | 12.2 | 1364      | 13.0 | 1409  | 13.7 | 1453      | 14.6 | 1496  | 15.4 | 1540      | 16.4 | 1584  | 17.3 | 1673  | 19.2 |
| 7979 | 4200         | 1285      | 12.0 | 1309      | 12.4 | 1331  | 12.7 | 1374      | 13.6 | 1417  | 14.3 | 1461      | 15.1 | 1504  | 16.0 | 1546      | 16.9 | 1588  | 17.8 | 1676  | 19.8 |
| 8169 | 4300         | 1299      | 12.6 | 1319      | 12.9 | 1342  | 13.3 | 1385      | 14.1 | 1427  | 14.9 | 1469      | 15.7 | 1511  | 16.5 | 1553      | 17.5 | 1594  | 18.4 | 1679  | 20.4 |
| 8359 | 4400         | 1312      | 13.2 | 1332      | 13.5 | 1352  | 13.9 | 1395      | 14.6 | 1436  | 15.5 | 1478      | 16.3 | 1519  | 17.2 | 1560      | 18.0 | 1601  | 19.0 | 1682  | 20.9 |



# SIZE 200

SINGLE WIDTH  
SINGLE INLET

# CENTRIFUGAL FAN TYPE F

WHEEL DIA. 20"

OUTLET AREA 2.30 SQ FT

| CFM  | O. V.<br>FPM | 1/4" SP |      | 3/8" SP |      | 1/2" SP |      | 5/8" SP |      | 3/4" SP |      | 7/8" SP |      | 1" SP |      | 1 1/4" SP |      | 1 1/2" SP |      | 1 3/4" SP |      |
|------|--------------|---------|------|---------|------|---------|------|---------|------|---------|------|---------|------|-------|------|-----------|------|-----------|------|-----------|------|
|      |              | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM   | BHP  | RPM       | BHP  | RPM       | BHP  | RPM       | BHP  |
| 2059 | 900          | 268     | .16  | 314     | .22  | 360     | .28  | 402     | .39  | 441     | .52  | 476     | .66  | 509   | .82  |           |      |           |      |           |      |
| 2299 | 1000         | 279     | .20  | 320     | .25  | 361     | .32  | 402     | .43  | 441     | .57  | 477     | .72  |       |      |           |      |           |      |           |      |
| 2529 | 1100         | 290     | .24  | 329     | .30  | 366     | .36  | 403     | .44  | 441     | .57  | 477     | .72  |       |      |           |      |           |      |           |      |
| 2759 | 1200         | 302     | .28  | 338     | .35  | 373     | .41  | 407     | .49  | 441     | .57  | 477     | .72  |       |      |           |      |           |      |           |      |
| 2989 | 1300         | 314     | .34  | 350     | .41  | 382     | .47  | 414     | .55  | 445     | .63  | 477     | .72  | 509   | .82  |           |      |           |      |           |      |
| 3219 | 1400         | 327     | .40  | 362     | .47  | 392     | .54  | 422     | .62  | 452     | .70  | 480     | .79  | 510   | .89  | 569       | 1.11 |           |      |           |      |
| 3449 | 1500         | 341     | .47  | 374     | .54  | 404     | .62  | 432     | .70  | 460     | .79  | 487     | .87  | 514   | .97  | 569       | 1.18 |           |      |           |      |
| 3679 | 1600         | 356     | .54  | 386     | .62  | 416     | .71  | 443     | .79  | 469     | .88  | 495     | .97  | 520   | 1.06 | 571       | 1.28 | 623       | 1.51 |           |      |
| 3909 | 1700         | 371     | .63  | 399     | .71  | 429     | .80  | 455     | .89  | 479     | .98  | 504     | 1.08 | 528   | 1.17 | 576       | 1.38 | 624       | 1.62 | 673       | 1.87 |
| 4139 | 1800         | 386     | .73  | 413     | .81  | 440     | .91  | 467     | 1.01 | 491     | 1.10 | 514     | 1.19 | 537   | 1.29 | 582       | 1.50 | 627       | 1.74 | 673       | 1.99 |
| 4369 | 1900         | 402     | .85  | 427     | .93  | 452     | 1.02 | 478     | 1.12 | 502     | 1.22 | 525     | 1.32 | 547   | 1.42 | 590       | 1.64 | 633       | 1.87 | 676       | 2.13 |
| 4599 | 2000         | 418     | .97  | 442     | 1.05 | 466     | 1.15 | 490     | 1.25 | 515     | 1.36 | 537     | 1.47 | 557   | 1.57 | 599       | 1.79 | 640       | 2.02 | 681       | 2.27 |
| 4829 | 2100         | 435     | 1.11 | 457     | 1.19 | 480     | 1.29 | 503     | 1.39 | 526     | 1.50 | 549     | 1.62 | 569   | 1.73 | 599       | 1.94 | 648       | 2.19 | 687       | 2.44 |
| 5059 | 2200         | 451     | 1.26 | 472     | 1.34 | 494     | 1.44 | 516     | 1.55 | 538     | 1.66 | 561     | 1.78 | 581   | 1.89 | 619       | 2.12 | 657       | 2.37 | 694       | 2.62 |
| 5289 | 2300         | 468     | 1.42 | 488     | 1.51 | 509     | 1.60 | 529     | 1.71 | 551     | 1.83 | 572     | 1.95 | 593   | 2.08 | 631       | 2.32 | 667       | 2.55 | 703       | 2.82 |
| 5519 | 2400         | 484     | 1.60 | 504     | 1.69 | 524     | 1.78 | 544     | 1.90 | 564     | 2.01 | 584     | 2.14 | 604   | 2.27 | 643       | 2.52 | 676       | 2.76 | 712       | 3.04 |
| 5749 | 2500         | 501     | 1.79 | 520     | 1.89 | 539     | 1.98 | 558     | 2.09 | 577     | 2.21 | 597     | 2.34 | 617   | 2.47 | 655       | 2.74 | 689       | 3.00 | 722       | 3.26 |
| 5979 | 2600         | 517     | 1.98 | 537     | 2.10 | 554     | 2.18 | 573     | 2.30 | 592     | 2.43 | 610     | 2.55 | 629   | 2.69 | 667       | 2.97 | 700       | 3.24 | 732       | 3.51 |
| 6209 | 2700         | 535     | 2.21 | 554     | 2.33 | 571     | 2.43 | 588     | 2.53 | 605     | 2.65 | 624     | 2.78 | 641   | 2.92 | 678       | 3.21 | 712       | 3.50 | 744       | 3.78 |
| 6439 | 2800         | 553     | 2.46 | 570     | 2.56 | 587     | 2.68 | 604     | 2.78 | 621     | 2.90 | 638     | 3.04 | 655   | 3.17 | 690       | 3.47 | 725       | 3.77 | 756       | 4.07 |
| 6669 | 2900         | 570     | 2.73 | 587     | 2.83 | 603     | 2.94 | 618     | 3.03 | 636     | 3.16 | 652     | 3.30 | 669   | 3.44 | 702       | 3.74 | 736       | 4.05 | 767       | 4.35 |
| 6899 | 3000         | 588     | 3.00 | 603     | 3.10 | 620     | 3.23 | 635     | 3.33 | 651     | 3.45 | 667     | 3.59 | 683   | 3.73 | 715       | 4.03 | 747       | 4.34 | 780       | 4.67 |
| 7129 | 3100         | 605     | 3.30 | 620     | 3.39 | 636     | 3.53 | 651     | 3.65 | 666     | 3.75 | 682     | 3.89 | 697   | 4.03 | 728       | 4.33 | 760       | 4.66 | 791       | 5.00 |
| 7359 | 3200         | 622     | 3.60 | 636     | 3.69 | 653     | 3.84 | 667     | 3.97 | 681     | 4.07 | 697     | 4.20 | 712   | 4.36 | 742       | 4.66 | 772       | 4.99 | 802       | 5.33 |
| 7589 | 3300         | 640     | 3.94 | 654     | 4.04 | 669     | 4.18 | 684     | 4.32 | 698     | 4.43 | 712     | 4.55 | 727   | 4.70 | 756       | 5.01 | 785       | 5.34 | 815       | 5.69 |

| CFM  | O. V.<br>FPM | 2" SP |      | 2 1/4" SP |      | 2 1/2" SP |      | 2 3/4" SP |      | 3" SP |      | 3 1/4" SP |      | 3 1/2" SP |      | 3 3/4" SP |      | 4" SP |      | 4 1/4" SP |      |
|------|--------------|-------|------|-----------|------|-----------|------|-----------|------|-------|------|-----------|------|-----------|------|-----------|------|-------|------|-----------|------|
|      |              | RPM   | BHP  | RPM       | BHP  | RPM       | BHP  | RPM       | BHP  | RPM   | BHP  | RPM       | BHP  | RPM       | BHP  | RPM       | BHP  | RPM   | BHP  | RPM       | BHP  |
| 4829 | 2100         | 725   | 2.71 | 765       | 3.01 | 804       | 3.30 | 843       | 3.60 | 881   | 4.33 | 917       | 4.71 |           |      |           |      |       |      |           |      |
| 5059 | 2200         | 731   | 2.89 | 768       | 3.18 | 806       | 3.49 | 845       | 4.02 | 881   | 4.33 | 917       | 4.71 |           |      |           |      |       |      |           |      |
| 5289 | 2300         | 738   | 3.08 | 774       | 3.38 | 809       | 3.69 | 845       | 4.02 | 881   | 4.33 | 917       | 4.71 |           |      |           |      |       |      |           |      |
| 5519 | 2400         | 746   | 3.30 | 780       | 3.59 | 814       | 3.90 | 848       | 4.23 | 883   | 4.57 | 917       | 4.90 | 951       | 5.29 |           |      |       |      |           |      |
| 5749 | 2500         | 755   | 3.55 | 788       | 3.83 | 821       | 4.14 | 853       | 4.46 | 885   | 4.81 | 919       | 5.16 | 951       | 5.49 | 985       | 5.90 |       |      |           |      |
| 5979 | 2600         | 765   | 3.79 | 796       | 4.09 | 828       | 4.39 | 859       | 4.71 | 890   | 5.06 | 922       | 5.41 | 954       | 5.78 | 985       | 6.12 | 1017  | 6.55 |           |      |
| 6209 | 2700         | 774   | 4.06 | 805       | 4.37 | 836       | 4.67 | 866       | 4.98 | 896   | 5.33 | 926       | 5.69 | 956       | 6.06 | 987       | 6.44 | 1018  | 6.80 | 1048      | 7.22 |
| 6439 | 2800         | 785   | 4.35 | 815       | 4.64 | 844       | 4.98 | 874       | 5.27 | 903   | 5.61 | 932       | 5.97 | 961       | 6.35 | 990       | 6.73 | 1020  | 7.13 | 1049      | 7.51 |
| 6669 | 2900         | 797   | 4.66 | 825       | 4.96 | 854       | 5.28 | 882       | 5.62 | 911   | 5.93 | 939       | 6.28 | 967       | 6.66 | 995       | 7.05 | 1023  | 7.44 | 1052      | 7.85 |
| 6899 | 3000         | 809   | 4.99 | 836       | 5.30 | 864       | 5.60 | 892       | 5.95 | 919   | 6.30 | 947       | 6.62 | 974       | 6.98 | 1001      | 7.38 | 1028  | 7.78 | 1054      | 8.18 |
| 7129 | 3100         | 820   | 5.32 | 848       | 5.65 | 873       | 5.95 | 902       | 6.28 | 928   | 6.66 | 955       | 7.01 | 981       | 7.35 | 1007      | 7.73 | 1034  | 8.13 | 1060      | 8.55 |
| 7359 | 3200         | 833   | 5.68 | 860       | 6.02 | 886       | 6.35 | 911       | 6.67 | 938   | 7.02 | 963       | 7.41 | 989       | 7.75 | 1015      | 8.12 | 1040  | 8.51 | 1066      | 8.93 |
| 7589 | 3300         | 845   | 6.05 | 871       | 6.39 | 898       | 6.75 | 922       | 7.08 | 948   | 7.42 | 973       | 7.80 | 998       | 8.19 | 1023      | 8.54 | 1048  | 8.93 | 1073      | 9.32 |
| 7819 | 3400         | 855   | 6.43 | 884       | 6.81 | 909       | 7.16 | 934       | 7.52 | 957   | 7.85 | 983       | 8.21 | 1008      | 8.61 | 1031      | 9.01 | 1056  | 9.37 | 1080      | 9.77 |
| 8049 | 3500         | 867   | 6.83 | 896       | 7.22 | 921       | 7.59 | 946       | 7.95 | 970   | 8.32 | 993       | 8.67 | 1018      | 9.03 | 1041      | 9.47 | 1064  | 9.87 | 1088      | 10.2 |
| 8279 | 3600         | 880   | 7.26 | 907       | 7.65 | 934       | 8.05 | 958       | 8.41 | 981   | 8.80 | 1004      | 9.17 | 1027      | 9.53 | 1051      | 9.91 | 1074  | 10.3 | 1096      | 10.7 |
| 8509 | 3700         | 892   | 7.71 | 918       | 8.10 | 945       | 8.51 | 970       | 8.90 | 993   | 9.29 | 1016      | 9.68 | 1038      | 10.0 | 1061      | 10.4 | 1084  | 10.8 | 1106      | 11.2 |
| 8739 | 3800         | 905   | 8.17 | 931       | 8.58 | 956       | 8.98 | 982       | 9.40 | 1005  | 9.78 | 1028      | 10.2 | 1050      | 10.6 | 1070      | 10.9 | 1093  | 11.3 | 1116      | 11.7 |
| 8969 | 3900         | 918   | 8.66 | 943       | 9.07 | 968       | 9.48 | 994       | 9.92 | 1017  | 10.3 | 1040      | 10.7 | 1061      | 11.1 | 1083      | 11.5 | 1103  | 11.9 | 1126      | 12.3 |
| 9199 | 4000         | 932   | 9.19 | 956       | 9.59 | 981       | 10.0 | 1005      | 10.4 | 1030  | 10.8 | 1052      | 11.3 | 1073      | 11.7 | 1094      | 12.1 | 1115  | 12.5 | 1135      | 12.9 |

| CFM   | O. V.<br>FPM | 4 1/2" SP |      | 4 3/4" SP |      | 5" SP |      | 5 1/2" SP |      | 6" SP |      | 6 1/2" SP |      | 7" SP |      | 7 1/2" SP |      | 8" SP |      | 9" SP |      |
|-------|--------------|-----------|------|-----------|------|-------|------|-----------|------|-------|------|-----------|------|-------|------|-----------|------|-------|------|-------|------|
|       |              | RPM       | BHP  | RPM       | BHP  | RPM   | BHP  | RPM       | BHP  | RPM   | BHP  | RPM       | BHP  | RPM   | BHP  | RPM       | BHP  | RPM   | BHP  | RPM   | BHP  |
| 7129  | 3100         | 1085      | 8.96 | 1113      | 9.41 | 1140  | 9.84 | 1193      | 10.7 |       |      |           |      |       |      |           |      |       |      |       |      |
| 7359  | 3200         | 1091      | 9.35 | 1116      | 9.77 | 1142  | 10.2 | 1194      | 11.1 |       |      |           |      |       |      |           |      |       |      |       |      |
| 7589  | 3300         | 1097      | 9.76 | 1122      | 10.1 | 1146  | 10.6 | 1197      | 11.5 | 1245  | 12.4 | 1296      | 13.5 |       |      |           |      |       |      |       |      |
| 7819  | 3400         | 1104      | 10.1 | 1128      | 10.6 | 1152  | 11.0 | 1199      | 11.9 | 1249  | 12.9 | 1296      | 13.8 | 1345  | 14.9 |           |      |       |      |       |      |
| 8049  | 3500         | 1112      | 10.6 | 1135      | 11.0 | 1158  | 11.5 | 1204      | 12.4 | 1251  | 13.4 | 1299      | 14.4 | 1345  | 15.3 | 1393      | 16.5 |       |      |       |      |
| 8279  | 3600         | 1118      | 11.1 | 1142      | 11.5 | 1165  | 11.9 | 1210      | 12.9 | 1254  | 13.9 | 1301      | 14.9 | 1347  | 15.9 | 1393      | 16.9 |       |      |       |      |
| 8509  | 3700         | 1128      | 11.7 | 1150      | 12.0 | 1172  | 12.5 | 1217      | 13.4 | 1260  | 14.4 | 1304      | 15.4 | 1349  | 16.4 | 1394      | 17.4 | 1438  | 18.6 |       |      |
| 8739  | 3800         | 1137      | 12.2 | 1159      | 12.6 | 1180  | 13.0 | 1223      | 13.9 | 1266  | 14.9 | 1309      | 15.9 | 1352  | 17.0 | 1396      | 18.0 | 1439  | 19.1 |       |      |
| 8969  | 3900         | 1147      | 12.8 | 1168      | 13.2 | 1189  | 13.7 | 1231      | 14.5 | 1273  | 15.5 | 1314      | 16.5 | 1355  | 17.5 | 1399      | 18.6 | 1441  | 19.7 | 1526  | 22.0 |
| 9199  | 4000         | 1157      | 13.3 | 1178      | 13.8 | 1198  | 14.3 | 1239      | 15.2 | 1280  | 16.1 | 1321      | 17.1 | 1361  | 18.2 | 1401      | 19.2 | 1444  | 20.4 | 1526  | 22.6 |
| 9429  | 4100         | 1166      | 14.0 | 1188      | 14.4 | 1208  | 14.9 | 1248      | 15.8 | 1288  | 16.7 | 1328      | 17.7 | 1367  | 18.8 | 1407      | 19.9 | 1446  | 21.0 | 1528  | 23.3 |
| 9659  | 4200         | 1177      | 14.6 | 1197      | 15.1 | 1218  | 15.5 | 1257      | 16.5 | 1296  | 17.4 | 1335      | 18.4 | 1374  | 19.4 | 1412      | 20.5 | 1451  | 21.7 | 1530  | 24.0 |
| 9889  | 4300         | 1189      | 15.3 | 1207      | 15.8 | 1227  | 16.2 | 1267      | 17.2 | 1305  | 18.2 | 1343      | 19.1 | 1381  | 20.1 | 1419      | 21.2 | 1457  | 22.4 | 1533  | 24.7 |
| 10119 | 4400         | 1201      | 16.0 | 1220      | 16.5 | 1237  | 16.9 | 1277      | 17.8 | 1314  | 18.9 | 1352      | 19.9 | 1399  | 20.9 | 1426      | 21.9 | 1463  | 23.1 | 1536  | 25.4 |
| 10349 | 4500         | 1213      | 16.8 | 1231      | 17.3 | 1250  | 17.7 | 1286      | 18.6 | 1324  | 19.6 | 1360      | 20.7 | 1397  | 21.7 | 1434      | 22.7 | 1470  | 23.8 | 1542  | 26.2 |
| 10579 | 4600         | 1224      | 17.5 | 1243      | 18.0 | 1261  | 18.5 | 1296      | 19.4 | 1334  | 20.4 | 1370      | 21.5 | 1405  | 22.5 | 1441      | 23.5 | 1477  | 24.6 | 1547  | 27.0 |
| 10809 | 4700         | 1237      | 18.3 | 1255      | 18.8 | 1273  | 19.3 | 1308      | 20.3 | 1344  | 21.2 | 1380      | 22.3 | 1414  | 23.4 | 1450      | 24.4 | 1485  | 25.5 | 1554  | 27.8 |
| 11039 | 4800         | 1249      | 19.1 | 1267      | 19.6 | 1285  | 20.1 | 1320      | 21.1 | 1353  | 22.1 | 1390      | 23.1 | 1424  | 24.2 | 1458      | 25.4 | 1492  | 26.4 | 1561  | 28.7 |
| 11269 | 4900         | 1261      | 20.0 | 1279      | 20.5 | 1297  | 21.0 | 1332      | 22.0 | 1365  | 23.0 | 1399      | 24.0 | 1434  | 25.1 | 1467      | 26.3 | 1501  | 27.4 | 1568  | 29.6 |
| 11499 | 5000         | 1272      | 20.8 | 1292      | 21.4 | 1309  | 21.9 | 1344      | 22.9 | 1377  | 24.0 | 1409      | 24.9 | 1444  | 26.0 | 1477      | 27.2 | 1509  | 28.4 | 1576  | 30.0 |



# CENTRIFUGAL FAN TYPE F

## SIZE 222

SINGLE WIDTH  
SINGLE INLET

WHEEL DIA. 22 1/4"

OUTLET AREA 2.83 SQ FT

| CFM  | O. V.<br>FPM | 1/4" SP |      | 3/8" SP |      | 1/2" SP |      | 5/8" SP |      | 3/4" SP |      | 7/8" SP |      | 1" SP |      | 1 1/4" SP |      | 1 1/2" SP |      | 1 3/4" SP |      |
|------|--------------|---------|------|---------|------|---------|------|---------|------|---------|------|---------|------|-------|------|-----------|------|-----------|------|-----------|------|
|      |              | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM   | BHP  | RPM       | BHP  | RPM       | BHP  | RPM       | BHP  |
| 2546 | 900          | 240     | .19  | 281     | .27  | 323     | .34  |         |      |         |      |         |      |       |      |           |      |           |      |           |      |
| 2829 | 1000         | 249     | .24  | 287     | .31  | 324     | .39  | 362     | .49  |         |      |         |      |       |      |           |      |           |      |           |      |
| 3112 | 1100         | 260     | .28  | 294     | .36  | 328     | .45  | 363     | .53  |         |      |         |      |       |      |           |      |           |      |           |      |
| 3395 | 1200         | 271     | .34  | 303     | .42  | 335     | .51  | 365     | .59  | 397     | .70  |         |      |       |      |           |      |           |      |           |      |
| 3678 | 1300         | 283     | .40  | 313     | .52  | 343     | .58  | 373     | .67  | 399     | .77  | 428     | .89  | 457   | 1.01 |           |      |           |      |           |      |
| 3951 | 1400         | 293     | .48  | 325     | .60  | 351     | .67  | 379     | .76  | 405     | .86  | 431     | .97  | 458   | 1.08 |           |      |           |      |           |      |
| 4244 | 1500         | 305     | .56  | 335     | .65  | 363     | .76  | 387     | .85  | 413     | .97  | 437     | 1.07 | 461   | 1.19 | 511       | 1.44 |           |      |           |      |
| 4527 | 1600         | 318     | .65  | 345     | .76  | 373     | .86  | 397     | .97  | 421     | 1.07 | 443     | 1.19 | 467   | 1.31 | 513       | 1.58 | 560       | 1.86 |           |      |
| 4810 | 1700         | 331     | .77  | 357     | .86  | 383     | .98  | 408     | 1.08 | 429     | 1.19 | 451     | 1.31 | 473   | 1.43 | 517       | 1.69 | 561       | 1.98 | 604       | 2.30 |
| 5093 | 1800         | 345     | .89  | 369     | 1.00 | 394     | 1.10 | 418     | 1.22 | 440     | 1.34 | 460     | 1.46 | 481   | 1.57 | 522       | 1.83 | 563       | 2.12 | 605       | 2.44 |
| 5376 | 1900         | 359     | 1.03 | 382     | 1.13 | 405     | 1.25 | 428     | 1.37 | 450     | 1.49 | 470     | 1.62 | 490   | 1.74 | 529       | 1.99 | 568       | 2.29 | 607       | 2.62 |
| 5659 | 2000         | 374     | 1.17 | 395     | 1.28 | 417     | 1.40 | 439     | 1.53 | 461     | 1.65 | 481     | 1.78 | 500   | 1.92 | 537       | 2.18 | 574       | 2.47 | 611       | 2.78 |
| 5942 | 2100         | 388     | 1.35 | 408     | 1.44 | 429     | 1.56 | 450     | 1.69 | 471     | 1.83 | 491     | 1.98 | 510   | 2.11 | 546       | 2.36 | 582       | 2.66 | 617       | 2.99 |
| 6225 | 2200         | 404     | 1.53 | 422     | 1.62 | 441     | 1.74 | 462     | 1.87 | 482     | 2.02 | 502     | 2.17 | 520   | 2.30 | 554       | 2.59 | 589       | 2.90 | 623       | 3.19 |
| 6508 | 2300         | 417     | 1.72 | 436     | 1.83 | 455     | 1.95 | 474     | 2.08 | 493     | 2.23 | 512     | 2.36 | 531   | 2.53 | 565       | 2.82 | 598       | 3.11 | 630       | 3.45 |
| 6791 | 2400         | 432     | 1.93 | 450     | 2.05 | 468     | 2.15 | 486     | 2.30 | 504     | 2.44 | 523     | 2.60 | 541   | 2.76 | 576       | 3.08 | 606       | 3.37 | 638       | 3.72 |
| 7074 | 2500         | 447     | 2.17 | 465     | 2.29 | 482     | 2.39 | 499     | 2.54 | 517     | 2.69 | 534     | 2.84 | 552   | 3.00 | 586       | 3.33 | 617       | 3.66 | 647       | 3.97 |
| 7357 | 2600         | 462     | 2.41 | 480     | 2.54 | 495     | 2.65 | 513     | 2.79 | 529     | 2.94 | 545     | 3.11 | 563   | 3.27 | 597       | 3.61 | 627       | 3.95 | 655       | 4.26 |
| 7640 | 2700         | 477     | 2.67 | 495     | 2.82 | 510     | 2.94 | 526     | 3.06 | 541     | 3.22 | 558     | 3.39 | 574   | 3.55 | 607       | 3.91 | 638       | 4.25 | 666       | 4.60 |
| 7923 | 2800         | 493     | 2.97 | 509     | 3.11 | 524     | 3.24 | 540     | 3.36 | 555     | 3.52 | 570     | 3.68 | 586   | 3.85 | 618       | 4.23 | 649       | 4.59 | 677       | 4.95 |
| 8206 | 2900         | 509     | 3.30 | 524     | 3.42 | 539     | 3.57 | 553     | 3.69 | 568     | 3.83 | 583     | 4.01 | 598   | 4.18 | 629       | 4.55 | 659       | 4.93 | 687       | 5.31 |
| 8489 | 3000         | 525     | 3.64 | 539     | 3.76 | 554     | 3.91 | 567     | 4.03 | 582     | 4.18 | 596     | 4.35 | 611   | 4.53 | 640       | 4.90 | 669       | 5.28 | 698       | 5.69 |
| 8772 | 3100         | 540     | 3.98 | 554     | 4.12 | 568     | 4.28 | 582     | 4.41 | 595     | 4.55 | 609     | 4.71 | 623   | 4.89 | 651       | 5.26 | 680       | 5.68 | 709       | 6.08 |
| 9055 | 3200         | 555     | 4.35 | 568     | 4.47 | 583     | 4.65 | 596     | 4.81 | 609     | 4.92 | 623     | 5.10 | 636   | 5.29 | 664       | 5.66 | 691       | 6.06 | 718       | 6.49 |
| 9338 | 3300         | 571     | 4.77 | 583     | 4.89 | 597     | 5.05 | 611     | 5.23 | 623     | 5.36 | 636     | 5.51 | 650   | 5.71 | 676       | 6.08 | 702       | 6.49 | 729       | 6.92 |

| CFM   | O. V.<br>FPM | 2" SP |      | 2 1/4" SP |      | 2 1/2" SP |      | 2 3/4" SP |      | 3" SP |      | 3 1/4" SP |      | 3 1/2" SP |      | 3 3/4" SP |      | 4" SP |      | 4 1/4" SP |       |
|-------|--------------|-------|------|-----------|------|-----------|------|-----------|------|-------|------|-----------|------|-----------|------|-----------|------|-------|------|-----------|-------|
|       |              | RPM   | BHP  | RPM       | BHP  | RPM       | BHP  | RPM       | BHP  | RPM   | BHP  | RPM       | BHP  | RPM       | BHP  | RPM       | BHP  | RPM   | BHP  | RPM       | BHP   |
| 5942  | 2100         | 651   | 3.31 | 687       | 3.69 | 723       | 4.06 |           |      |       |      |           |      |           |      |           |      |       |      |           |       |
| 6225  | 2200         | 656   | 3.54 | 690       | 3.89 | 724       | 4.28 | 758       | 4.67 |       |      |           |      |           |      |           |      |       |      |           |       |
| 6508  | 2300         | 663   | 3.76 | 695       | 4.13 | 727       | 4.52 | 760       | 4.92 | 791   | 5.32 |           |      |           |      |           |      |       |      |           |       |
| 6791  | 2400         | 669   | 4.03 | 700       | 4.40 | 731       | 4.78 | 762       | 5.19 | 793   | 5.60 | 824       | 6.02 |           |      |           |      |       |      |           |       |
| 7074  | 2500         | 677   | 4.34 | 707       | 4.68 | 737       | 5.05 | 765       | 5.47 | 796   | 5.88 | 826       | 6.32 | 855       | 6.75 |           |      |       |      |           |       |
| 7357  | 2600         | 686   | 4.64 | 714       | 4.99 | 742       | 5.36 | 771       | 5.77 | 799   | 6.20 | 828       | 6.64 | 857       | 7.07 | 885       | 7.52 |       |      |           |       |
| 7640  | 2700         | 694   | 4.95 | 722       | 5.33 | 750       | 5.69 | 777       | 6.08 | 805   | 6.51 | 832       | 6.95 | 859       | 7.42 | 887       | 7.89 | 914   | 8.32 |           |       |
| 7923  | 2800         | 703   | 5.29 | 731       | 5.66 | 757       | 6.08 | 784       | 6.45 | 810   | 6.87 | 837       | 7.31 | 863       | 7.77 | 889       | 8.25 | 916   | 8.74 | 942       | 9.18  |
| 8206  | 2900         | 714   | 5.68 | 740       | 6.05 | 766       | 6.45 | 791       | 6.85 | 817   | 7.25 | 842       | 7.68 | 868       | 8.14 | 893       | 8.62 | 919   | 9.12 | 945       | 9.61  |
| 8489  | 3000         | 724   | 6.08 | 749       | 6.45 | 774       | 6.84 | 800       | 7.27 | 824   | 7.68 | 849       | 8.10 | 874       | 8.54 | 898       | 9.02 | 923   | 9.53 | 947       | 10.00 |
| 8772  | 3100         | 735   | 6.48 | 760       | 6.88 | 783       | 7.27 | 809       | 7.67 | 832   | 8.13 | 856       | 8.54 | 880       | 8.99 | 904       | 9.45 | 928   | 9.94 | 951       | 10.4  |
| 9055  | 3200         | 746   | 6.92 | 770       | 7.33 | 793       | 7.74 | 817       | 8.14 | 841   | 8.57 | 864       | 9.05 | 887       | 9.45 | 910       | 9.93 | 933   | 10.4 | 956       | 10.9  |
| 9338  | 3300         | 756   | 7.37 | 780       | 7.79 | 804       | 8.22 | 826       | 8.62 | 850   | 9.05 | 873       | 9.53 | 895       | 10.0 | 917       | 10.4 | 940   | 10.9 | 963       | 11.4  |
| 9621  | 3400         | 766   | 7.83 | 791       | 8.29 | 814       | 8.72 | 837       | 9.15 | 858   | 9.57 | 882       | 10.0 | 903       | 10.5 | 925       | 11.0 | 947   | 11.4 | 969       | 11.9  |
| 9904  | 3500         | 777   | 8.31 | 802       | 8.78 | 825       | 9.23 | 847       | 9.70 | 869   | 10.1 | 890       | 10.5 | 912       | 11.0 | 933       | 11.5 | 955   | 12.0 | 976       | 12.4  |
| 10187 | 3600         | 787   | 8.84 | 812       | 9.32 | 836       | 9.79 | 858       | 10.2 | 879   | 10.7 | 899       | 11.1 | 921       | 11.6 | 942       | 12.1 | 963   | 12.6 | 983       | 13.1  |
| 10470 | 3700         | 799   | 9.38 | 822       | 9.84 | 847       | 10.3 | 869       | 10.8 | 890   | 11.3 | 910       | 11.7 | 929       | 12.2 | 951       | 12.7 | 972   | 13.2 | 990       | 13.7  |
| 10753 | 3800         | 810   | 9.94 | 833       | 10.4 | 856       | 10.9 | 879       | 11.4 | 890   | 11.9 | 921       | 12.4 | 940       | 12.9 | 960       | 13.3 | 980   | 13.8 | 1001      | 14.4  |
| 11036 | 3900         | 821   | 10.5 | 845       | 11.0 | 866       | 11.5 | 890       | 12.0 | 911   | 12.5 | 931       | 13.0 | 951       | 13.5 | 969       | 14.0 | 988   | 14.5 | 1009      | 15.0  |
| 11319 | 4000         | 833   | 11.1 | 855       | 11.6 | 878       | 12.1 | 900       | 12.7 | 922   | 13.2 | 942       | 13.7 | 961       | 14.3 | 980       | 14.8 | 998   | 15.2 | 1018      | 15.8  |

| CFM   | O. V.<br>FPM | 4½" SP |      | 4¾" SP |      | 5" SP |      | 5½" SP |      | 6" SP |      | 6½" SP |      | 7" SP |      | 7½" SP |      | 8" SP |      | 9" SP |      |
|-------|--------------|--------|------|--------|------|-------|------|--------|------|-------|------|--------|------|-------|------|--------|------|-------|------|-------|------|
|       |              | RPM    | BHP  | RPM    | BHP  | RPM   | BHP  | RPM    | BHP  | RPM   | BHP  | RPM    | BHP  | RPM   | BHP  | RPM    | BHP  | RPM   | BHP  | RPM   | BHP  |
| 8772  | 3100         | 975    | 10.9 | 1000   | 11.5 | 1024  | 12.0 | 1072   | 13.1 |       |      |        |      |       |      |        |      |       |      |       |      |
| 9055  | 3200         | 979    | 11.4 | 1002   | 11.9 | 1026  | 12.5 | 1073   | 13.6 |       |      |        |      |       |      |        |      |       |      |       |      |
| 9338  | 3300         | 984    | 11.9 | 1007   | 12.4 | 1029  | 13.0 | 1075   | 14.1 | 1120  | 15.2 |        |      |       |      |        |      |       |      |       |      |
| 9621  | 3400         | 991    | 12.4 | 1012   | 13.0 | 1033  | 13.5 | 1078   | 14.7 | 1122  | 15.8 | 1166   | 17.0 |       |      |        |      |       |      |       |      |
| 9904  | 3500         | 997    | 13.0 | 1018   | 13.5 | 1039  | 14.1 | 1081   | 15.2 | 1124  | 16.4 | 1167   | 17.6 | 1209  | 18.9 |        |      |       |      |       |      |
| 10187 | 3600         | 1004   | 13.6 | 1024   | 14.1 | 1045  | 14.6 | 1086   | 15.8 | 1126  | 17.0 | 1169   | 18.2 | 1210  | 19.4 |        |      |       |      |       |      |
| 10470 | 3700         | 1011   | 14.2 | 1032   | 14.7 | 1051  | 15.3 | 1092   | 16.4 | 1131  | 17.6 | 1171   | 18.9 | 1212  | 20.1 | 1252   | 21.3 |       |      |       |      |
| 10753 | 3800         | 1020   | 14.9 | 1039   | 15.4 | 1059  | 15.9 | 1097   | 17.0 | 1136  | 18.2 | 1175   | 19.5 | 1215  | 20.8 | 1254   | 22.1 | 1293  | 23.4 |       |      |
| 11036 | 3900         | 1029   | 15.6 | 1047   | 16.2 | 1066  | 16.7 | 1105   | 17.8 | 1143  | 18.9 | 1179   | 20.2 | 1217  | 21.5 | 1257   | 22.9 | 1295  | 24.2 |       |      |
| 11319 | 4000         | 1037   | 16.2 | 1056   | 16.9 | 1074  | 17.4 | 1111   | 17.9 | 1148  | 19.7 | 1185   | 20.9 | 1222  | 22.2 | 1259   | 23.6 | 1297  | 25.0 | 1371  | 27.7 |
| 11602 | 4100         | 1046   | 17.0 | 1065   | 17.5 | 1083  | 18.2 | 1119   | 19.3 | 1156  | 20.4 | 1192   | 21.7 | 1227  | 23.0 | 1263   | 24.3 | 1299  | 25.7 | 1372  | 28.5 |
| 11885 | 4200         | 1054   | 17.8 | 1074   | 18.4 | 1092  | 18.9 | 1127   | 20.2 | 1162  | 21.3 | 1198   | 22.5 | 1234  | 23.8 | 1268   | 25.1 | 1302  | 26.5 | 1375  | 29.4 |
| 12168 | 4300         | 1065   | 18.7 | 1082   | 19.2 | 1101  | 19.8 | 1136   | 21.0 | 1170  | 22.2 | 1205   | 23.3 | 1239  | 24.6 | 1274   | 26.0 | 1307  | 27.4 | 1377  | 30.3 |
| 12451 | 4400         | 1076   | 19.6 | 1093   | 20.1 | 1109  | 20.6 | 1144   | 21.8 | 1178  | 23.1 | 1212   | 24.3 | 1246  | 25.5 | 1280   | 26.8 | 1313  | 28.2 | 1380  | 31.1 |
| 12734 | 4500         | 1087   | 20.5 | 1103   | 21.0 | 1120  | 21.6 | 1153   | 22.7 | 1187  | 24.0 | 1220   | 25.3 | 1252  | 26.4 | 1286   | 27.8 | 1319  | 29.2 | 1384  | 32.1 |
| 13017 | 4600         | 1097   | 21.4 | 1114   | 22.0 | 1130  | 22.6 | 1161   | 23.7 | 1196  | 24.8 | 1228   | 26.3 | 1261  | 27.5 | 1293   | 28.8 | 1325  | 30.1 | 1389  | 33.0 |
| 13300 | 4700         | 1107   | 22.3 | 1124   | 22.9 | 1141  | 23.5 | 1172   | 24.7 | 1205  | 25.9 | 1237   | 27.2 | 1268  | 28.6 | 1300   | 29.8 | 1332  | 31.1 | 1394  | 34.1 |
| 13583 | 4800         | 1119   | 23.3 | 1134   | 23.9 | 1151  | 24.5 | 1183   | 25.8 | 1213  | 26.9 | 1246   | 28.2 | 1277  | 29.6 | 1307   | 31.0 | 1339  | 32.2 | 1401  | 35.1 |
| 13866 | 4900         | 1129   | 24.3 | 1146   | 24.9 | 1161  | 25.5 | 1193   | 26.8 | 1223  | 28.0 | 1254   | 29.3 | 1286  | 30.6 | 1316   | 32.1 | 1346  | 33.4 | 1407  | 36.2 |
| 14149 | 5000         | 1140   | 25.3 | 1156   | 26.0 | 1172  | 26.6 | 1204   | 27.9 | 1234  | 29.2 | 1263   | 30.4 | 1293  | 31.7 | 1325   | 33.2 | 1354  | 34.6 | 1414  | 37.1 |

SIZE **245**SINGLE WIDTH  
SINGLE INLET**CENTRIFUGAL FAN TYPE F**

WHEEL DIA. 24½"

OUTLET AREA 3.46 SQ FT

| CFM   | O. V.<br>FPM | ¼" SP |      | ⅜" SP |      | ½" SP |      | ⅝" SP |      | ¾" SP |      | 7/8" SP |      | 1" SP |      | 1¼" SP |     | 1½" SP |     | 1¾" SP |     |
|-------|--------------|-------|------|-------|------|-------|------|-------|------|-------|------|---------|------|-------|------|--------|-----|--------|-----|--------|-----|
|       |              | RPM   | BHP  | RPM   | BHP  | RPM   | BHP  | RPM   | BHP  | RPM   | BHP  | RPM     | BHP  | RPM   | BHP  | RPM    | BHP | RPM    | BHP | RPM    | BHP |
| 3113  | 900          | 219   | .24  | 256   | .33  | 294   | .43  | 328   | .59  | 360   | .78  | 388     | .99  | 415   | 1.23 |        |     |        |     |        |     |
| 3459  | 1000         | 228   | .30  | 261   | .38  | 295   | .48  | 329   | .66  | 360   | .86  | 389     | 1.09 |       |      |        |     |        |     |        |     |
| 3805  | 1100         | 237   | .36  | 268   | .45  | 299   | .54  | 332   | .73  | 360   | .95  |         |      |       |      |        |     |        |     |        |     |
| 4151  | 1200         | 247   | .43  | 276   | .52  | 305   | .62  | 332   | .83  | 360   | 1.06 |         |      |       |      |        |     |        |     |        |     |
| 4497  | 1300         | 257   | .51  | 286   | .61  | 312   | .71  | 338   | 1.06 | 369   | 1.34 |         |      |       |      |        |     |        |     |        |     |
| 4843  | 1400         | 268   | .60  | 296   | .71  | 321   | .82  | 345   | 1.06 | 369   | 1.34 |         |      |       |      |        |     |        |     |        |     |
| 5189  | 1500         | 279   | .70  | 305   | .82  | 330   | .94  | 353   | 1.19 | 398   | 1.31 |         |      |       |      |        |     |        |     |        |     |
| 5535  | 1600         | 291   | .82  | 316   | .94  | 340   | 1.07 | 362   | 1.20 | 404   | 1.46 |         |      |       |      |        |     |        |     |        |     |
| 5881  | 1700         | 303   | .95  | 326   | 1.08 | 350   | 1.21 | 372   | 1.35 | 412   | 1.62 |         |      |       |      |        |     |        |     |        |     |
| 6227  | 1800         | 316   | 1.11 | 337   | 1.23 | 360   | 1.37 | 382   | 1.52 | 401   | 1.66 |         |      |       |      |        |     |        |     |        |     |
| 6573  | 1900         | 329   | 1.28 | 349   | 1.40 | 370   | 1.54 | 391   | 1.69 | 411   | 1.85 |         |      |       |      |        |     |        |     |        |     |
| 6919  | 2000         | 342   | 1.47 | 361   | 1.59 | 381   | 1.73 | 401   | 1.89 | 421   | 2.05 |         |      |       |      |        |     |        |     |        |     |
| 7265  | 2100         | 356   | 1.68 | 374   | 1.79 | 392   | 1.94 | 411   | 2.10 | 430   | 2.26 |         |      |       |      |        |     |        |     |        |     |
| 7611  | 2200         | 369   | 1.90 | 386   | 2.02 | 404   | 2.17 | 422   | 2.33 | 440   | 2.51 |         |      |       |      |        |     |        |     |        |     |
| 7957  | 2300         | 382   | 2.14 | 399   | 2.27 | 416   | 2.42 | 433   | 2.58 | 450   | 2.76 |         |      |       |      |        |     |        |     |        |     |
| 8303  | 2400         | 396   | 2.41 | 412   | 2.56 | 429   | 2.69 | 445   | 2.86 | 461   | 3.04 |         |      |       |      |        |     |        |     |        |     |
| 8649  | 2500         | 410   | 2.70 | 426   | 2.85 | 441   | 2.99 | 456   | 3.16 | 472   | 3.33 |         |      |       |      |        |     |        |     |        |     |
| 8995  | 2600         | 423   | 3.00 | 439   | 3.18 | 453   | 3.30 | 469   | 3.48 | 484   | 3.66 |         |      |       |      |        |     |        |     |        |     |
| 9341  | 2700         | 437   | 3.35 | 453   | 3.52 | 467   | 3.67 | 481   | 3.82 | 495   | 4.00 |         |      |       |      |        |     |        |     |        |     |
| 9687  | 2800         | 452   | 3.72 | 466   | 3.87 | 480   | 4.05 | 494   | 4.19 | 508   | 4.38 |         |      |       |      |        |     |        |     |        |     |
| 10033 | 2900         | 467   | 4.12 | 480   | 4.27 | 493   | 4.45 | 506   | 4.58 | 520   | 4.77 |         |      |       |      |        |     |        |     |        |     |
| 10379 | 3000         | 481   | 4.54 | 493   | 4.69 | 507   | 4.88 | 519   | 5.04 | 532   | 5.21 |         |      |       |      |        |     |        |     |        |     |
| 10725 | 3100         | 495   | 4.98 | 507   | 5.13 | 521   | 5.33 | 533   | 5.51 | 545   | 5.66 |         |      |       |      |        |     |        |     |        |     |
| 11071 | 3200         | 509   | 5.44 | 520   | 5.58 | 534   | 5.80 | 546   | 6.00 | 557   | 6.15 |         |      |       |      |        |     |        |     |        |     |
| 11417 | 3300         | 524   | 5.95 | 535   | 6.11 | 547   | 6.31 | 559   | 6.52 | 571   | 6.70 |         |      |       |      |        |     |        |     |        |     |

| CFM   | O. V.<br>FPM | 2" SP |      | 2¼" SP |      | 2½" SP |       | 2¾" SP |       | 3" SP |       | 3¼" SP |       | 3½" SP |     | 3¾" SP |     | 4" SP |     | 4¼" SP |     |
|-------|--------------|-------|------|--------|------|--------|-------|--------|-------|-------|-------|--------|-------|--------|-----|--------|-----|-------|-----|--------|-----|
|       |              | RPM   | BHP  | RPM    | BHP  | RPM    | BHP   | RPM    | BHP   | RPM   | BHP   | RPM    | BHP   | RPM    | BHP | RPM    | BHP | RPM   | BHP | RPM    | BHP |
| 7265  | 2100         | 592   | 4.08 | 625    | 4.53 | 656    | 4.96  | 688    | 5.71  | 719   | 6.52  | 748    | 7.08  |        |     |        |     |       |     |        |     |
| 7611  | 2200         | 597   | 4.35 | 627    | 4.79 | 658    | 5.26  | 690    | 6.04  | 721   | 6.88  | 748    | 7.36  |        |     |        |     |       |     |        |     |
| 7957  | 2300         | 603   | 4.65 | 632    | 5.09 | 660    | 5.55  | 690    | 6.37  | 721   | 7.23  | 750    | 7.76  |        |     |        |     |       |     |        |     |
| 8303  | 2400         | 610   | 4.98 | 637    | 5.40 | 665    | 5.88  | 692    | 6.72  | 723   | 7.58  | 750    | 8.11  |        |     |        |     |       |     |        |     |
| 8649  | 2500         | 616   | 5.35 | 644    | 5.76 | 670    | 6.23  | 696    | 7.08  | 723   | 7.94  | 750    | 8.47  |        |     |        |     |       |     |        |     |
| 8995  | 2600         | 625   | 5.71 | 650    | 6.17 | 676    | 6.61  | 702    | 7.10  | 727   | 7.96  | 752    | 8.49  |        |     |        |     |       |     |        |     |
| 9341  | 2700         | 633   | 6.12 | 658    | 6.58 | 683    | 7.04  | 707    | 7.51  | 732   | 8.37  | 756    | 8.90  |        |     |        |     |       |     |        |     |
| 9687  | 2800         | 641   | 6.56 | 666    | 6.99 | 690    | 7.50  | 714    | 7.95  | 738   | 8.81  | 761    | 9.34  |        |     |        |     |       |     |        |     |
| 10033 | 2900         | 651   | 7.03 | 674    | 7.47 | 698    | 7.95  | 721    | 8.47  | 744   | 9.33  | 767    | 9.86  |        |     |        |     |       |     |        |     |
| 10379 | 3000         | 661   | 7.52 | 683    | 7.99 | 706    | 8.45  | 729    | 8.97  | 751   | 9.83  | 773    | 10.36 |        |     |        |     |       |     |        |     |
| 10725 | 3100         | 670   | 8.02 | 693    | 8.52 | 714    | 8.98  | 737    | 9.47  | 758   | 10.33 | 780    | 10.86 |        |     |        |     |       |     |        |     |
| 11071 | 3200         | 681   | 8.57 | 703    | 9.08 | 724    | 9.58  | 745    | 10.06 | 766   | 10.92 | 787    | 11.41 |        |     |        |     |       |     |        |     |
| 11417 | 3300         | 690   | 9.13 | 712    | 9.64 | 734    | 10.11 | 754    | 10.67 | 774   | 11.53 | 795    | 11.92 |        |     |        |     |       |     |        |     |
| 11763 | 3400         | 699   | 9.70 | 722    | 10.2 | 743    | 10.68 | 763    | 11.13 | 782   | 11.98 | 803    | 12.33 |        |     |        |     |       |     |        |     |
| 12109 | 3500         | 709   | 10.3 | 732    | 10.8 | 753    | 11.4  | 773    | 12.0  | 792   | 12.5  | 811    | 13.0  |        |     |        |     |       |     |        |     |
| 12455 | 3600         | 719   | 10.9 | 741    | 11.5 | 763    | 12.1  | 783    | 12.6  | 802   | 13.2  | 821    | 13.8  |        |     |        |     |       |     |        |     |
| 12801 | 3700         | 729   | 11.6 | 751    | 12.2 | 773    | 12.8  | 793    | 13.4  | 812   | 14.0  | 830    | 14.5  |        |     |        |     |       |     |        |     |
| 13147 | 3800         | 740   | 12.3 | 761    | 12.9 | 781    | 13.5  | 803    | 14.1  | 821   | 14.7  | 840    | 15.3  |        |     |        |     |       |     |        |     |
| 13493 | 3900         | 750   | 13.0 | 771    | 13.6 | 791    | 14.3  | 812    | 14.9  | 832   | 15.5  | 849    | 16.1  |        |     |        |     |       |     |        |     |
| 13839 | 4000         | 762   | 13.8 | 781    | 14.4 | 802    | 15.1  | 821    | 15.7  | 841   | 16.4  | 859    | 17.0  |        |     |        |     |       |     |        |     |

| CFM   | O. V.<br>FPM | 4½" SP |      | 4¾" SP |      | 5" SP |      | 5½" SP |      | 6" SP |      | 6½" SP |      | 7" SP |      | 7½" SP |      | 8" SP |      | 9" SP |      |
|-------|--------------|--------|------|--------|------|-------|------|--------|------|-------|------|--------|------|-------|------|--------|------|-------|------|-------|------|
|       |              | RPM    | BHP  | RPM    | BHP  | RPM   | BHP  | RPM    | BHP  | RPM   | BHP  | RPM    | BHP  | RPM   | BHP  | RPM    | BHP  | RPM   | BHP  | RPM   | BHP  |
| 10725 | 3100         | 886    | 13.4 | 909    | 14.1 | 931   | 14.8 | 974    | 16.1 | 1017  | 18.1 |        |      |       |      |        |      |       |      |       |      |
| 11071 | 3200         | 891    | 14.0 | 911    | 14.7 | 933   | 15.4 | 975    | 16.7 | 1017  | 18.7 |        |      |       |      |        |      |       |      |       |      |
| 11417 | 3300         | 896    | 14.6 | 916    | 15.3 | 936   | 16.0 | 977    | 17.4 | 1017  | 19.3 | 1058   | 20.3 |       |      |        |      |       |      |       |      |
| 11763 | 3400         | 902    | 15.3 | 921    | 16.0 | 940   | 16.6 | 979    | 18.0 | 1020  | 19.5 | 1058   | 20.8 | 1098  | 22.5 |        |      |       |      |       |      |
| 12109 | 3500         | 908    | 16.0 | 927    | 16.6 | 946   | 17.3 | 983    | 18.7 | 1022  | 20.2 | 1060   | 21.6 | 1098  | 23.1 | 1137   | 24.8 |       |      |       |      |
| 12455 | 3600         | 914    | 16.8 | 933    | 17.4 | 951   | 18.0 | 988    | 19.4 | 1024  | 20.9 | 1062   | 22.4 | 1100  | 23.9 | 1137   | 25.5 | 1174  | 27.3 |       |      |
| 12801 | 3700         | 921    | 17.6 | 939    | 18.2 | 958   | 18.8 | 994    | 20.2 | 1029  | 21.7 | 1065   | 23.2 | 1102  | 24.8 | 1138   | 26.3 | 1174  | 28.0 |       |      |
| 13147 | 3800         | 929    | 18.4 | 946    | 19.1 | 964   | 19.7 | 999    | 21.0 | 1034  | 22.5 | 1069   | 24.0 | 1104  | 25.6 | 1140   | 27.2 | 1175  | 28.7 |       |      |
| 13493 | 3900         | 937    | 19.2 | 954    | 20.0 | 971   | 20.6 | 1006   | 21.9 | 1040  | 23.3 | 1073   | 24.8 | 1107  | 26.4 | 1142   | 28.1 | 1177  | 29.7 | 1245  | 33.2 |
| 13839 | 4000         | 945    | 20.1 | 962    | 20.8 | 979   | 21.5 | 1012   | 22.9 | 1046  | 24.3 | 1079   | 25.8 | 1112  | 27.4 | 1144   | 28.9 | 1179  | 30.7 | 1245  | 33.9 |
| 14185 | 4100         | 953    | 21.1 | 970    | 21.7 | 987   | 22.4 | 1019   | 23.9 | 1052  | 25.2 | 1084   | 26.7 | 1117  | 28.3 | 1149   | 29.9 | 1181  | 31.6 | 1247  | 35.1 |
| 14531 | 4200         | 962    | 22.1 | 978    | 22.7 | 995   | 23.4 | 1027   | 24.9 | 1059  | 26.3 | 1091   | 27.7 | 1122  | 29.3 | 1153   | 30.9 | 1185  | 32.6 | 1249  | 36.2 |
| 14877 | 4300         | 972    | 23.2 | 987    | 23.8 | 1003  | 24.5 | 1035   | 25.9 | 1066  | 27.4 | 1097   | 28.8 | 1128  | 30.3 | 1159   | 32.0 | 1190  | 33.7 | 1252  | 37.2 |
| 15223 | 4400         | 981    | 24.2 | 997    | 24.9 | 1011  | 25.6 | 1043   | 26.9 | 1074  | 28.5 | 1104   | 30.0 | 1135  | 31.5 | 1165   | 33.0 | 1195  | 34.8 | 1254  | 38.3 |
| 15569 | 4500         | 991    | 25.3 | 1006   | 26.0 | 1021  | 26.7 | 1051   | 28.1 | 1082  | 29.6 | 1111   | 31.2 | 1141  | 32.7 | 1171   | 34.3 | 1200  | 35.9 | 1259  | 39.5 |
| 15915 | 4600         | 1001   | 26.4 | 1016   | 27.2 | 1031  | 27.9 | 1059   | 29.3 | 1090  | 30.8 | 1119   | 32.4 | 1148  | 34.0 | 1177   | 35.4 | 1206  | 37.1 | 1264  | 40.6 |
| 16261 | 4700         | 1011   | 27.6 | 1026   | 28.4 | 1041  | 29.2 | 1069   | 30.6 | 1098  | 32.0 | 1127   | 33.6 | 1155  | 35.3 | 1184   | 36.8 | 1213  | 38.4 | 1269  | 41.9 |
| 16607 | 4800         | 1021   | 28.9 | 1035   | 29.6 | 1050  | 30.4 | 1079   | 31.9 | 1106  | 33.3 | 1135   | 34.9 | 1164  | 36.6 | 1191   | 38.3 | 1219  | 39.8 | 1275  | 43.2 |
| 16953 | 4900         | 1031   | 30.1 | 1046   | 30.9 | 1060  | 31.6 | 1089   | 33.2 | 1116  | 34.8 | 1143   | 36.2 | 1172  | 37.8 | 1199   | 39.6 | 1226  | 41.3 | 1281  | 44.6 |
| 17299 | 5000         | 1040   | 31.4 | 1056   | 32.2 | 1070  | 33.0 | 1098   | 34.6 | 1125  | 36.2 | 1151   | 37.6 | 1180  | 39.2 | 1207   | 41.0 | 1233  | 42.8 | 1287  | 46.0 |

Performance based on air at .075 lb per

CENTRIFUGAL FAN TYPE **F**SIZE **270**SINGLE WIDTH  
SINGLE INLET

WHEEL DIA. 27"

OUTLET AREA 4.20 SQ FT

| CFM   | O. V.<br>FPM | 1/4" SP |      | 3/8" SP |      | 1/2" SP |      | 5/8" SP |      | 3/4" SP |      | 7/8" SP |      | 1" SP |      | 1 1/4" SP |      | 1 1/2" SP |      | 1 3/4" SP |      |
|-------|--------------|---------|------|---------|------|---------|------|---------|------|---------|------|---------|------|-------|------|-----------|------|-----------|------|-----------|------|
|       |              | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM   | BHP  | RPM       | BHP  | RPM       | BHP  | RPM       | BHP  |
| 3779  | 900          | 199     | .30  | 232     | .40  | 266     | .52  | 298     | .72  | 326     | .95  | 352     | 1.21 | 377   | 1.49 |           |      |           |      |           |      |
| 4149  | 1000         | 207     | .36  | 237     | .46  | 267     | .58  | 298     | .80  | 327     | 1.04 | 353     | 1.32 | 378   | 1.63 |           |      |           |      |           |      |
| 4619  | 1100         | 215     | .43  | 244     | .54  | 271     | .66  | 299     | .89  | 327     | 1.04 | 353     | 1.32 | 378   | 1.63 |           |      |           |      |           |      |
| 5039  | 1200         | 224     | .52  | 251     | .63  | 277     | .75  | 302     | .89  | 327     | 1.04 | 353     | 1.32 | 378   | 1.63 |           |      |           |      |           |      |
| 5459  | 1300         | 233     | .61  | 260     | .74  | 283     | .87  | 307     | 1.00 | 330     | 1.16 | 353     | 1.32 | 377   | 1.49 |           |      |           |      |           |      |
| 5879  | 1400         | 243     | .73  | 269     | .85  | 291     | .99  | 313     | 1.14 | 335     | 1.28 | 356     | 1.45 | 378   | 1.63 |           |      |           |      |           |      |
| 6299  | 1500         | 253     | .85  | 277     | .99  | 300     | 1.14 | 320     | 1.28 | 341     | 1.44 | 361     | 1.60 | 381   | 1.78 | 421       | 2.15 |           |      |           |      |
| 6719  | 1600         | 264     | 1.00 | 286     | 1.14 | 309     | 1.30 | 328     | 1.45 | 348     | 1.60 | 367     | 1.77 | 385   | 1.94 | 423       | 2.34 | 461       | 2.76 |           |      |
| 7139  | 1700         | 275     | 1.16 | 296     | 1.31 | 317     | 1.47 | 337     | 1.64 | 355     | 1.79 | 373     | 1.97 | 391   | 2.14 | 427       | 2.53 | 463       | 2.96 | 498       | 3.42 |
| 7559  | 1800         | 286     | 1.34 | 306     | 1.49 | 326     | 1.66 | 346     | 1.84 | 364     | 2.01 | 381     | 2.18 | 398   | 2.37 | 432       | 2.74 | 465       | 3.17 | 499       | 3.63 |
| 7979  | 1900         | 298     | 1.55 | 317     | 1.70 | 335     | 1.87 | 354     | 2.05 | 373     | 2.24 | 389     | 2.42 | 405   | 2.60 | 437       | 2.99 | 469       | 3.42 | 501       | 3.89 |
| 8399  | 2000         | 310     | 1.78 | 328     | 1.93 | 345     | 2.10 | 364     | 2.29 | 382     | 2.49 | 398     | 2.68 | 413   | 2.87 | 444       | 3.27 | 474       | 3.69 | 504       | 4.16 |
| 8819  | 2100         | 323     | 2.04 | 339     | 2.17 | 356     | 2.36 | 373     | 2.55 | 390     | 2.75 | 407     | 2.96 | 422   | 3.16 | 451       | 3.55 | 480       | 4.00 | 509       | 4.45 |
| 9239  | 2200         | 335     | 2.31 | 350     | 2.45 | 366     | 2.63 | 383     | 2.83 | 399     | 3.04 | 416     | 3.26 | 431   | 3.47 | 459       | 3.88 | 487       | 4.33 | 515       | 4.78 |
| 9659  | 2300         | 347     | 2.60 | 362     | 2.76 | 378     | 2.94 | 393     | 3.13 | 408     | 3.35 | 424     | 3.57 | 440   | 3.80 | 468       | 4.24 | 494       | 4.67 | 521       | 5.16 |
| 10079 | 2400         | 359     | 2.93 | 374     | 3.10 | 389     | 3.26 | 403     | 3.47 | 418     | 3.68 | 433     | 3.91 | 448   | 4.15 | 476       | 4.62 | 501       | 5.06 | 528       | 5.55 |
| 10499 | 2500         | 372     | 3.27 | 386     | 3.46 | 400     | 3.62 | 414     | 3.83 | 428     | 4.05 | 443     | 4.28 | 457   | 4.52 | 485       | 5.01 | 511       | 5.49 | 535       | 5.96 |
| 10919 | 2600         | 384     | 3.64 | 399     | 3.85 | 411     | 4.00 | 425     | 4.22 | 439     | 4.44 | 454     | 4.67 | 468   | 4.92 | 494       | 5.43 | 519       | 5.94 | 542       | 6.41 |
| 11339 | 2700         | 397     | 4.06 | 411     | 4.27 | 423     | 4.45 | 436     | 4.63 | 449     | 4.86 | 462     | 5.10 | 476   | 5.34 | 502       | 5.86 | 528       | 6.40 | 551       | 6.92 |
| 11759 | 2800         | 410     | 4.52 | 423     | 4.70 | 435     | 4.91 | 448     | 5.08 | 461     | 5.32 | 473     | 5.56 | 486   | 5.81 | 512       | 6.34 | 537       | 6.90 | 560       | 7.44 |
| 12179 | 2900         | 423     | 5.00 | 435     | 5.18 | 447     | 5.39 | 459     | 5.55 | 472     | 5.79 | 483     | 6.04 | 496   | 6.29 | 521       | 6.84 | 546       | 7.41 | 569       | 7.96 |
| 12599 | 3000         | 436     | 5.51 | 448     | 5.69 | 460     | 5.92 | 471     | 6.11 | 483     | 6.31 | 495     | 6.57 | 508   | 6.83 | 530       | 7.37 | 554       | 7.94 | 578       | 8.55 |
| 13019 | 3100         | 449     | 6.04 | 460     | 6.22 | 472     | 6.47 | 483     | 6.68 | 494     | 6.87 | 506     | 7.12 | 517   | 7.38 | 540       | 7.93 | 563       | 8.53 | 587       | 9.15 |
| 13439 | 3200         | 462     | 6.60 | 472     | 6.77 | 484     | 7.04 | 495     | 7.27 | 505     | 7.45 | 517     | 7.70 | 528   | 7.98 | 550       | 8.54 | 573       | 9.14 | 595       | 9.75 |
| 13859 | 3300         | 475     | 7.23 | 485     | 7.41 | 496     | 7.65 | 507     | 7.91 | 518     | 8.12 | 528     | 8.34 | 539   | 8.61 | 560       | 9.18 | 582       | 9.77 | 604       | 10.4 |

| CFM   | O. V.<br>FPM | 2" SP |      | 2 1/4" SP |      | 2 1/2" SP |      | 2 3/4" SP |      | 3" SP |      | 3 1/4" SP |      | 3 1/2" SP |      | 3 3/4" SP |      | 4" SP |      | 4 1/4" SP |      |
|-------|--------------|-------|------|-----------|------|-----------|------|-----------|------|-------|------|-----------|------|-----------|------|-----------|------|-------|------|-----------|------|
|       |              | RPM   | BHP  | RPM       | BHP  | RPM       | BHP  | RPM       | BHP  | RPM   | BHP  | RPM       | BHP  | RPM       | BHP  | RPM       | BHP  | RPM   | BHP  | RPM       | BHP  |
| 8819  | 2100         | 538   | 4.96 | 567       | 5.49 | 596       | 6.02 | 625       | 6.65 |       |      |           |      |           |      |           |      |       |      |           |      |
| 9239  | 2200         | 542   | 5.28 | 569       | 5.81 | 597       | 6.38 | 625       | 6.94 |       |      |           |      |           |      |           |      |       |      |           |      |
| 9659  | 2300         | 547   | 5.64 | 573       | 6.17 | 599       | 6.74 | 626       | 7.34 | 652   | 7.91 | 679       | 8.60 |           |      |           |      |       |      |           |      |
| 10079 | 2400         | 553   | 6.04 | 578       | 6.56 | 603       | 7.13 | 628       | 7.73 | 654   | 8.35 | 679       | 8.94 |           |      |           |      |       |      |           |      |
| 10499 | 2500         | 559   | 6.49 | 584       | 6.99 | 608       | 7.56 | 632       | 8.16 | 656   | 8.78 | 681       | 9.42 | 705       | 9.66 |           |      |       |      |           |      |
| 10919 | 2600         | 567   | 6.93 | 590       | 7.49 | 613       | 8.02 | 637       | 8.62 | 660   | 9.24 | 683       | 9.89 | 707       | 10.5 | 730       | 11.1 | 753   | 11.9 | 777       | 12.7 |
| 11339 | 2700         | 574   | 7.42 | 597       | 7.99 | 619       | 8.54 | 642       | 9.11 | 664   | 9.74 | 686       | 10.3 | 709       | 11.0 | 732       | 11.7 | 754   | 12.4 | 777       | 13.1 |
| 11759 | 2800         | 582   | 7.96 | 604       | 8.48 | 626       | 9.10 | 648       | 9.64 | 669   | 10.2 | 691       | 10.9 | 712       | 11.6 | 733       | 12.2 | 756   | 13.0 | 777       | 13.7 |
| 12179 | 2900         | 591   | 8.53 | 611       | 9.06 | 633       | 9.65 | 654       | 10.2 | 675   | 10.8 | 696       | 11.4 | 717       | 12.1 | 737       | 12.8 | 758   | 13.5 | 779       | 14.3 |
| 12599 | 3000         | 599   | 9.13 | 620       | 9.69 | 640       | 10.2 | 661       | 10.8 | 681   | 11.5 | 701       | 12.1 | 721       | 12.7 | 742       | 13.4 | 761   | 14.2 | 781       | 14.9 |
| 13019 | 3100         | 608   | 9.73 | 629       | 10.3 | 648       | 10.9 | 668       | 11.4 | 688   | 12.1 | 708       | 12.8 | 727       | 13.4 | 747       | 14.1 | 766   | 14.8 | 785       | 15.6 |
| 13439 | 3200         | 617   | 10.4 | 637       | 11.0 | 657       | 11.6 | 675       | 12.2 | 695   | 12.8 | 714       | 13.5 | 733       | 14.1 | 752       | 14.8 | 771   | 15.5 | 790       | 16.3 |
| 13859 | 3300         | 626   | 11.0 | 646       | 11.7 | 665       | 12.3 | 684       | 12.9 | 703   | 13.5 | 722       | 14.2 | 739       | 14.9 | 758       | 15.6 | 777   | 16.3 | 795       | 17.0 |
| 14279 | 3400         | 634   | 11.7 | 655       | 12.4 | 674       | 13.1 | 693       | 13.7 | 710   | 14.3 | 729       | 15.0 | 747       | 15.7 | 764       | 16.4 | 782   | 17.1 | 800       | 17.8 |
| 14699 | 3500         | 643   | 12.5 | 664       | 13.2 | 683       | 13.8 | 701       | 14.5 | 719   | 15.2 | 736       | 15.8 | 754       | 16.5 | 772       | 17.3 | 789   | 18.0 | 806       | 18.7 |
| 15119 | 3600         | 652   | 13.2 | 672       | 13.9 | 692       | 14.7 | 710       | 15.3 | 728   | 16.1 | 744       | 16.7 | 761       | 17.4 | 779       | 18.1 | 796   | 18.9 | 813       | 19.7 |
| 15539 | 3700         | 662   | 14.1 | 681       | 14.8 | 701       | 15.5 | 719       | 16.2 | 736   | 17.0 | 753       | 17.7 | 769       | 18.3 | 786       | 19.0 | 803   | 19.8 | 820       | 20.6 |
| 15959 | 3800         | 671   | 14.9 | 690       | 15.7 | 709       | 16.4 | 728       | 17.2 | 745   | 17.9 | 762       | 18.6 | 778       | 19.3 | 793       | 20.0 | 811   | 20.8 | 827       | 21.5 |
| 16379 | 3900         | 681   | 15.8 | 700       | 16.6 | 718       | 17.3 | 737       | 18.1 | 754   | 18.9 | 771       | 19.6 | 787       | 20.4 | 803       | 21.1 | 817   | 21.8 | 834       | 22.5 |
| 16799 | 4000         | 691   | 16.8 | 709       | 17.5 | 727       | 18.3 | 745       | 19.0 | 763   | 19.9 | 780       | 20.6 | 796       | 21.4 | 811       | 22.2 | 826   | 22.9 | 841       | 23.6 |

| CFM   | O. V.<br>FPM | 4 1/2" SP |      | 4 3/4" SP |      | 5" SP |      | 5 1/2" SP |      | 6" SP |      | 6 1/2" SP |      | 7" SP |      | 7 1/2" SP |      | 8" SP |      | 9" SP |      |
|-------|--------------|-----------|------|-----------|------|-------|------|-----------|------|-------|------|-----------|------|-------|------|-----------|------|-------|------|-------|------|
|       |              | RPM       | BHP  | RPM       | BHP  | RPM   | BHP  | RPM       | BHP  | RPM   | BHP  | RPM       | BHP  | RPM   | BHP  | RPM       | BHP  | RPM   | BHP  | RPM   | BHP  |
| 13019 | 3100         | 804       | 16.3 | 825       | 17.1 | 844   | 17.9 | 883       | 19.5 | 923   | 21.4 |           |      |       |      |           |      |       |      |       |      |
| 13439 | 3200         | 808       | 17.0 | 827       | 17.8 | 846   | 18.7 | 885       | 20.3 | 923   | 22.0 |           |      |       |      |           |      |       |      |       |      |
| 13859 | 3300         | 813       | 17.8 | 831       | 18.6 | 849   | 19.4 | 887       | 21.1 | 921   | 22.7 | 960       | 24.6 |       |      |           |      |       |      |       |      |
| 14279 | 3400         | 818       | 18.5 | 836       | 19.4 | 853   | 20.2 | 891       | 21.8 | 925   | 23.6 | 960       | 25.3 | 997   | 27.3 |           |      |       |      |       |      |
| 14699 | 3500         | 824       | 19.4 | 841       | 20.2 | 858   | 21.0 | 892       | 22.1 | 921   | 24.5 | 962       | 26.3 | 997   | 28.1 | 1032      | 30.1 |       |      |       |      |
| 15119 | 3600         | 830       | 20.3 | 847       | 21.1 | 863   | 21.9 | 896       | 22.6 | 929   | 25.3 | 964       | 27.2 | 998   | 29.0 | 1032      | 30.9 |       |      |       |      |
| 15539 | 3700         | 836       | 21.4 | 852       | 22.1 | 869   | 22.9 | 901       | 24.1 | 934   | 26.3 | 966       | 28.1 | 1000  | 30.1 | 1032      | 31.9 | 1065  | 34.0 |       |      |
| 15959 | 3800         | 843       | 22.4 | 859       | 23.2 | 875   | 23.9 | 907       | 25.5 | 938   | 27.3 | 970       | 29.1 | 1002  | 31.1 | 1034      | 33.0 | 1066  | 34.9 |       |      |
| 16379 | 3900         | 850       | 23.3 | 866       | 24.2 | 881   | 25.0 | 912       | 26.6 | 943   | 28.3 | 974       | 30.2 | 1004  | 32.1 | 1036      | 34.1 | 1068  | 36.1 | 1130  | 40.3 |
| 16799 | 4000         | 858       | 24.4 | 873       | 25.3 | 889   | 26.2 | 918       | 27.3 | 949   | 29.4 | 979       | 31.3 | 1009  | 33.2 | 1038      | 35.1 | 1070  | 37.3 | 1130  | 41.2 |
| 17219 | 4100         | 865       | 25.5 | 880       | 26.4 | 895   | 27.2 | 925       | 28.0 | 954   | 30.6 | 984       | 32.4 | 1013  | 34.4 | 1042      | 36.4 | 1071  | 38.4 | 1132  | 42.6 |
| 17639 | 4200         | 873       | 26.8 | 887       | 27.6 | 903   | 28.4 | 932       | 30.2 | 961   | 31.9 | 990       | 33.7 | 1018  | 35.6 | 1047      | 37.5 | 1075  | 39.6 | 1134  | 43.9 |
| 18059 | 4300         | 882       | 28.1 | 895       | 28.9 | 910   | 29.7 | 939       | 31.4 | 967   | 33.3 | 995       | 34.9 | 1024  | 36.8 | 1052      | 38.8 | 1079  | 40.9 | 1136  | 45.2 |
| 18479 | 4400         | 890       | 29.4 | 904       | 30.2 | 917   | 31.0 | 946       | 32.1 | 974   | 34.6 | 1002      | 36.4 | 1029  | 38.2 | 1057      | 40.1 | 1084  | 42.2 | 1138  | 46.5 |
| 18899 | 4500         | 899       | 30.8 | 913       | 31.6 | 926   | 32.5 | 954       | 34.1 | 982   | 35.9 | 1008      | 37.9 | 1035  | 39.7 | 1062      | 41.6 | 1089  | 43.6 | 1142  | 47.9 |
| 19319 | 4600         | 908       | 32.1 | 922       | 33.0 | 935   | 33.9 | 961       | 35.5 | 989   | 37.3 | 1015      | 39.3 | 1042  | 41.3 | 1068      | 43.0 | 1095  | 45.1 | 1146  | 49.3 |
| 19739 | 4700         | 917       | 33.6 | 930       | 34.4 | 944   | 35.4 | 970       | 37.1 | 996   | 38.9 | 1023      | 40.7 | 1048  | 42.8 | 1074      | 44.7 | 1100  | 46.6 | 1152  | 50.9 |
| 20159 | 4800         | 926       | 35.1 | 939       | 35.9 | 953   | 36.9 | 979       | 38.7 | 1003  | 40.4 | 1030      | 42.3 | 1056  | 44.4 | 1081      | 46.4 | 1106  | 48.3 | 1156  | 52.4 |
| 20579 | 4900         | 935       | 36.6 | 949       | 37.5 | 961   | 38.4 | 988       | 40.3 | 1012  | 42.2 | 1037      | 44.0 | 1063  | 45.9 | 1088      | 48.1 | 1112  | 50.1 | 1162  | 54.9 |
| 20999 | 5000         | 943       | 38.1 | 958       | 39.1 | 971   | 40.1 | 996       | 42.0 | 1021  | 43.9 | 1044      | 45.7 | 1070  | 47.6 | 1095      | 49.7 | 1119  | 51.9 | 1168  | 55.5 |



# SIZE 300

SINGLE WIDTH  
SINGLE INLET

# CENTRIFUGAL FAN TYPE F

WHEEL DIA. 30"

OUTLET AREA 5.15 SQ FT

| CFM   | O. V.<br>FPM | 1/4" SP |      | 3/8" SP |      | 1/2" SP |      | 5/8" SP |      | 3/4" SP |      | 7/8" SP |      | 1" SP |      | 1 1/4" SP |      | 1 1/2" SP |      | 1 3/4" SP |      |
|-------|--------------|---------|------|---------|------|---------|------|---------|------|---------|------|---------|------|-------|------|-----------|------|-----------|------|-----------|------|
|       |              | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM   | BHP  | RPM       | BHP  | RPM       | BHP  | RPM       | BHP  |
| 4634  | 900          | 179     | .36  | 209     | .49  | 240     | .64  | 268     | .88  | 294     | 1.17 | 317     | 1.48 | 339   | 1.83 |           |      |           |      |           |      |
| 5149  | 1000         | 185     | .44  | 213     | .56  | 241     | .71  | 269     | .98  | 294     | 1.28 | 317     | 1.62 | 339   | 2.00 |           |      |           |      |           |      |
| 5664  | 1100         | 193     | .53  | 219     | .66  | 244     | .81  | 271     | 1.09 | 294     | 1.41 | 317     | 1.77 | 339   | 2.17 |           |      |           |      |           |      |
| 6179  | 1200         | 201     | .63  | 225     | .77  | 248     | .92  | 276     | 1.22 | 296     | 1.57 | 318     | 1.99 | 339   | 2.38 |           |      |           |      |           |      |
| 6694  | 1300         | 209     | .75  | 233     | .90  | 254     | 1.06 | 276     | 1.22 | 296     | 1.57 | 318     | 1.99 | 339   | 2.38 |           |      |           |      |           |      |
| 7209  | 1400         | 218     | .88  | 241     | 1.05 | 261     | 1.21 | 281     | 1.39 | 301     | 1.57 | 320     | 1.77 | 340   | 1.99 |           |      |           |      |           |      |
| 7724  | 1500         | 227     | 1.04 | 248     | 1.21 | 269     | 1.39 | 288     | 1.56 | 306     | 1.76 | 324     | 1.95 | 342   | 2.17 | 379       | 2.63 |           |      |           |      |
| 8239  | 1600         | 236     | 1.21 | 257     | 1.39 | 277     | 1.58 | 295     | 1.77 | 312     | 1.96 | 329     | 2.16 | 346   | 2.38 | 381       | 2.86 | 415       | 3.38 |           |      |
| 8754  | 1700         | 246     | 1.40 | 265     | 1.59 | 285     | 1.79 | 302     | 1.99 | 319     | 2.19 | 335     | 2.40 | 351   | 2.61 | 384       | 3.09 | 416       | 3.62 | 449       | 4.20 |
| 9269  | 1800         | 257     | 1.63 | 274     | 1.81 | 293     | 2.02 | 311     | 2.24 | 326     | 2.45 | 342     | 2.66 | 357   | 2.89 | 388       | 3.35 | 418       | 3.88 | 449       | 4.44 |
| 9784  | 1900         | 267     | 1.88 | 284     | 2.06 | 301     | 2.27 | 318     | 2.50 | 334     | 2.72 | 349     | 2.95 | 364   | 3.17 | 393       | 3.65 | 422       | 4.18 | 451       | 4.76 |
| 10299 | 2000         | 278     | 2.16 | 294     | 2.34 | 310     | 2.55 | 326     | 2.79 | 342     | 3.03 | 357     | 3.27 | 371   | 3.50 | 399       | 4.00 | 426       | 4.50 | 453       | 5.09 |
| 10814 | 2100         | 289     | 2.47 | 304     | 2.64 | 319     | 2.86 | 334     | 3.10 | 350     | 3.35 | 365     | 3.60 | 379   | 3.85 | 405       | 4.33 | 431       | 4.87 | 458       | 5.44 |
| 11329 | 2200         | 300     | 2.80 | 314     | 2.97 | 328     | 3.20 | 343     | 3.44 | 358     | 3.70 | 373     | 3.97 | 386   | 4.22 | 412       | 4.73 | 437       | 5.29 | 462       | 5.84 |
| 11844 | 2300         | 311     | 3.15 | 324     | 3.34 | 338     | 3.57 | 352     | 3.81 | 366     | 4.07 | 380     | 4.34 | 395   | 4.63 | 420       | 5.17 | 444       | 5.69 | 468       | 6.30 |
| 12359 | 2400         | 322     | 3.55 | 335     | 3.76 | 349     | 3.95 | 361     | 4.22 | 375     | 4.47 | 389     | 4.76 | 402   | 5.05 | 427       | 5.62 | 450       | 6.17 | 474       | 6.78 |
| 12874 | 2500         | 333     | 3.97 | 346     | 4.19 | 358     | 4.39 | 371     | 4.65 | 384     | 4.92 | 397     | 5.20 | 410   | 5.50 | 435       | 6.10 | 458       | 6.69 | 481       | 7.26 |
| 13389 | 2600         | 343     | 4.41 | 357     | 4.67 | 368     | 4.85 | 381     | 5.12 | 393     | 5.40 | 405     | 5.68 | 418   | 5.98 | 444       | 6.61 | 466       | 7.23 | 487       | 7.81 |
| 13904 | 2700         | 355     | 4.91 | 368     | 5.17 | 379     | 5.39 | 391     | 5.61 | 402     | 5.90 | 415     | 6.20 | 427   | 6.50 | 451       | 7.14 | 474       | 7.78 | 495       | 8.43 |
| 14419 | 2800         | 367     | 5.47 | 378     | 5.70 | 390     | 5.95 | 401     | 6.17 | 413     | 6.46 | 424     | 6.75 | 435   | 7.06 | 459       | 7.72 | 482       | 8.40 | 503       | 9.06 |
| 14934 | 2900         | 378     | 6.05 | 390     | 6.27 | 400     | 6.53 | 411     | 6.74 | 423     | 7.03 | 433     | 7.34 | 444   | 7.65 | 467       | 8.31 | 490       | 9.03 | 510       | 9.70 |
| 15449 | 3000         | 390     | 6.67 | 401     | 6.89 | 412     | 7.17 | 422     | 7.40 | 433     | 7.66 | 443     | 7.97 | 454   | 8.29 | 475       | 8.96 | 497       | 9.66 | 519       | 10.4 |
| 15964 | 3100         | 402     | 7.32 | 411     | 7.54 | 423     | 7.84 | 433     | 8.10 | 443     | 8.33 | 453     | 8.64 | 463   | 8.97 | 484       | 9.64 | 505       | 10.3 | 527       | 11.1 |
| 16479 | 3200         | 413     | 8.00 | 422     | 8.21 | 434     | 8.53 | 443     | 8.82 | 452     | 9.02 | 463     | 9.33 | 473   | 9.69 | 493       | 10.3 | 514       | 11.1 | 534       | 11.8 |
| 16994 | 3300         | 425     | 8.74 | 434     | 8.97 | 444     | 9.27 | 454     | 9.59 | 463     | 9.84 | 473     | 10.1 | 483   | 10.4 | 502       | 11.1 | 522       | 11.8 | 542       | 12.6 |

| CFM   | O. V.<br>FPM | 2" SP |      | 2 1/4" SP |      | 2 1/2" SP |      | 2 3/4" SP |      | 3" SP |      | 3 1/4" SP |      | 3 1/2" SP |      | 3 3/4" SP |      | 4" SP |      | 4 1/4" SP |      |
|-------|--------------|-------|------|-----------|------|-----------|------|-----------|------|-------|------|-----------|------|-----------|------|-----------|------|-------|------|-----------|------|
|       |              | RPM   | BHP  | RPM       | BHP  | RPM       | BHP  | RPM       | BHP  | RPM   | BHP  | RPM       | BHP  | RPM       | BHP  | RPM       | BHP  | RPM   | BHP  | RPM       | BHP  |
| 10814 | 2100         | 483   | 6.06 | 510       | 6.72 | 536       | 7.39 | 562       | 8.51 | 587   | 9.71 | 611       | 10.9 | 634       | 11.8 | 656       | 13.2 | 678   | 14.6 | 699       | 16.1 |
| 11329 | 2200         | 487   | 6.46 | 512       | 7.12 | 537       | 7.81 | 562       | 8.51 | 587   | 9.71 | 611       | 10.9 | 634       | 11.8 | 656       | 13.2 | 678   | 14.6 | 699       | 16.1 |
| 11844 | 2300         | 492   | 6.88 | 515       | 7.55 | 539       | 8.25 | 563       | 8.98 | 587   | 9.71 | 611       | 10.9 | 634       | 11.8 | 656       | 13.2 | 678   | 14.6 | 699       | 16.1 |
| 12359 | 2400         | 497   | 7.36 | 520       | 8.02 | 542       | 8.73 | 565       | 9.47 | 588   | 10.2 | 612       | 11.5 | 634       | 12.3 | 656       | 13.2 | 678   | 14.6 | 699       | 16.1 |
| 12874 | 2500         | 502   | 7.92 | 525       | 8.54 | 546       | 9.24 | 568       | 9.98 | 590   | 10.7 | 612       | 11.5 | 634       | 12.3 | 656       | 13.2 | 678   | 14.6 | 699       | 16.1 |
| 13389 | 2600         | 509   | 8.46 | 530       | 9.13 | 551       | 9.80 | 572       | 10.5 | 593   | 11.3 | 614       | 12.1 | 636       | 12.9 | 656       | 13.7 | 678   | 15.1 | 699       | 16.7 |
| 13904 | 2700         | 515   | 9.05 | 536       | 9.75 | 556       | 10.4 | 577       | 11.1 | 597   | 11.9 | 617       | 12.7 | 637       | 13.5 | 658       | 14.3 | 678   | 15.1 | 699       | 16.7 |
| 14419 | 2800         | 522   | 9.69 | 543       | 10.3 | 562       | 11.1 | 582       | 11.7 | 601   | 12.5 | 621       | 13.3 | 640       | 14.1 | 660       | 15.0 | 680   | 15.9 | 699       | 16.7 |
| 14934 | 2900         | 530   | 10.4 | 549       | 11.0 | 569       | 11.7 | 587       | 12.5 | 606   | 13.2 | 625       | 14.0 | 644       | 14.8 | 663       | 15.7 | 682   | 16.6 | 701       | 17.5 |
| 15449 | 3000         | 538   | 11.1 | 556       | 11.8 | 575       | 12.4 | 594       | 13.2 | 612   | 14.0 | 630       | 14.7 | 648       | 15.6 | 666       | 16.4 | 685   | 17.3 | 703       | 18.3 |
| 15964 | 3100         | 546   | 11.8 | 564       | 12.5 | 581       | 13.2 | 600       | 14.0 | 618   | 14.8 | 636       | 15.6 | 653       | 16.4 | 671       | 17.2 | 688   | 18.1 | 706       | 19.1 |
| 16479 | 3200         | 554   | 12.6 | 572       | 13.4 | 589       | 14.1 | 607       | 14.9 | 624   | 15.6 | 641       | 16.5 | 659       | 17.2 | 676       | 18.1 | 693   | 19.0 | 710       | 19.9 |
| 16994 | 3300         | 562   | 13.4 | 580       | 14.2 | 597       | 15.0 | 613       | 15.7 | 631   | 16.5 | 648       | 17.4 | 664       | 18.2 | 681       | 19.0 | 698   | 19.9 | 714       | 20.8 |
| 17509 | 3400         | 569   | 14.3 | 588       | 15.1 | 605       | 15.9 | 621       | 16.7 | 637   | 17.4 | 654       | 18.3 | 671       | 19.2 | 687       | 20.1 | 703   | 20.8 | 719       | 21.8 |
| 18024 | 3500         | 577   | 15.2 | 596       | 16.0 | 613       | 16.9 | 629       | 17.7 | 645   | 18.5 | 661       | 19.3 | 677       | 20.1 | 693       | 21.1 | 709   | 22.0 | 724       | 22.8 |
| 18539 | 3600         | 585   | 16.1 | 603       | 17.0 | 621       | 17.9 | 637       | 18.7 | 653   | 19.6 | 668       | 20.4 | 684       | 21.2 | 700       | 22.1 | 715   | 23.1 | 730       | 24.0 |
| 19054 | 3700         | 593   | 17.1 | 611       | 18.0 | 629       | 18.9 | 645       | 19.8 | 661   | 20.7 | 676       | 21.5 | 690       | 22.3 | 706       | 23.2 | 721   | 24.1 | 736       | 25.1 |
| 19569 | 3800         | 602   | 18.2 | 619       | 19.1 | 636       | 20.0 | 653       | 20.9 | 668   | 21.8 | 684       | 22.7 | 698       | 23.6 | 712       | 24.4 | 728   | 25.3 | 743       | 26.3 |
| 20084 | 3900         | 610   | 19.2 | 627       | 20.1 | 644       | 21.1 | 661       | 22.0 | 677   | 23.0 | 692       | 23.9 | 706       | 24.8 | 720       | 25.7 | 734   | 26.6 | 749       | 27.5 |
| 20599 | 4000         | 619   | 20.4 | 636       | 21.3 | 652       | 22.3 | 668       | 23.2 | 685   | 24.2 | 699       | 25.1 | 714       | 26.1 | 728       | 27.0 | 742   | 27.9 | 755       | 28.8 |

| CFM   | O. V.<br>FPM | 4 1/2" SP |      | 4 3/4" SP |      | 5" SP |      | 5 1/2" SP |      | 6" SP |      | 6 1/2" SP |      | 7" SP |      | 7 1/2" SP |      | 8" SP |      | 9" SP |      |
|-------|--------------|-----------|------|-----------|------|-------|------|-----------|------|-------|------|-----------|------|-------|------|-----------|------|-------|------|-------|------|
|       |              | RPM       | BHP  | RPM       | BHP  | RPM   | BHP  | RPM       | BHP  | RPM   | BHP  | RPM       | BHP  | RPM   | BHP  | RPM       | BHP  | RPM   | BHP  | RPM   | BHP  |
| 15964 | 3100         | 723       | 20.0 | 742       | 21.0 | 760   | 22.0 | 795       | 24.0 | 830   | 27.0 | 864       | 30.2 | 897   | 33.5 | 928       | 38.0 | 959   | 41.7 | 1017  | 49.4 |
| 16479 | 3200         | 727       | 20.9 | 743       | 21.8 | 761   | 22.8 | 796       | 24.8 | 830   | 27.8 | 864       | 31.0 | 897   | 34.4 | 928       | 39.0 | 959   | 42.7 | 1017  | 50.6 |
| 16994 | 3300         | 731       | 21.8 | 747       | 22.7 | 763   | 23.7 | 798       | 25.8 | 830   | 28.9 | 864       | 32.1 | 897   | 35.4 | 928       | 40.4 | 959   | 43.7 | 1017  | 51.6 |
| 17509 | 3400         | 735       | 22.7 | 751       | 23.7 | 767   | 24.7 | 799       | 26.8 | 832   | 28.9 | 864       | 31.0 | 897   | 33.5 | 928       | 38.0 | 959   | 41.7 | 1017  | 49.4 |
| 18024 | 3500         | 740       | 23.7 | 756       | 24.7 | 771   | 25.7 | 802       | 27.8 | 834   | 30.0 | 866       | 32.1 | 897   | 34.4 | 928       | 39.0 | 959   | 42.7 | 1017  | 50.6 |
| 18539 | 3600         | 745       | 24.8 | 761       | 25.8 | 776   | 26.8 | 806       | 28.9 | 836   | 31.0 | 867       | 33.3 | 898   | 35.5 | 928       | 38.0 | 959   | 41.7 | 1017  | 49.4 |
| 19054 | 3700         | 751       | 26.1 | 766       | 26.9 | 781   | 27.9 | 810       | 30.0 | 839   | 32.2 | 869       | 34.5 | 899   | 36.8 | 929       | 39.0 | 959   | 42.7 | 1017  | 50.6 |
| 19569 | 3800         | 757       | 27.3 | 771       | 28.3 | 786   | 29.1 | 815       | 31.2 | 843   | 33.4 | 872       | 35.7 | 901   | 38.0 | 930       | 40.4 | 959   | 42.7 | 1017  | 50.6 |
| 20084 | 3900         | 763       | 28.5 | 777       | 29.6 | 792   | 30.5 | 820       | 32.5 | 848   | 34.6 | 875       | 36.9 | 903   | 39.2 | 932       | 41.8 | 961   | 44.2 | 1017  | 49.4 |
| 20599 | 4000         | 770       | 29.8 | 784       | 30.8 | 797   | 31.9 | 825       | 33.8 | 853   | 36.0 | 880       | 38.3 | 907   | 40.6 | 934       | 43.1 | 962   | 45.6 | 1017  | 50.6 |
| 21114 | 4100         | 776       | 31.2 | 790       | 32.1 | 804   | 33.3 | 831       | 35.4 | 858   | 37.4 | 884       | 39.6 | 911   | 42.0 | 937       | 44.5 | 964   | 47.0 | 1018  | 52.1 |
| 21629 | 4200         | 783       | 32.6 | 797       | 33.6 | 811   | 34.6 | 837       | 36.9 | 863   | 38.9 | 889       | 41.1 | 915   | 43.5 | 941       | 45.9 | 966   | 48.5 | 1020  | 53.7 |
| 22144 | 4300         | 791       | 34.2 | 803       | 35.1 | 817   | 36.2 | 843       | 38.4 | 869   | 40.6 | 894       | 42.7 | 920   | 45.0 | 945       | 47.5 | 970   | 50.0 | 1022  | 55.4 |
| 22659 | 4400         | 799       | 35.8 | 811       | 36.8 | 823   | 37.8 | 850       | 39.8 | 875   | 42.3 | 900       | 44.4 | 925   | 46.7 | 950       | 49.0 | 974   | 51.6 | 1023  | 56.9 |
| 23174 | 4500         | 807       | 37.5 | 819       | 38.5 | 831   | 39.5 | 856       | 41.6 | 881   | 43.9 | 905       | 46.3 | 930   | 48.3 | 955       | 50.8 | 979   | 53.3 | 1027  | 58.6 |
| 23689 | 4600         | 815       | 39.1 | 827       | 40.2 | 839   | 41.3 | 862       | 43.3 | 888   | 45.5 | 912       | 48.0 | 936   | 50.3 | 960       | 52.6 | 983   | 55.0 | 1031  | 60.4 |
| 24204 | 4700         | 822       | 40.8 | 835       | 42.0 | 847   | 43.1 | 870       | 45.2 | 894   | 47.4 | 918       | 49.8 | 941   | 52.3 | 965       | 54.5 | 989   | 57.0 | 1035  | 62.3 |
| 24719 | 4800         | 831       | 42.7 | 843       | 43.7 | 855   | 44.9 | 878       | 47.2 | 900   | 49.3 | 925       | 51.5 | 948   | 54.2 | 971       | 56.7 | 994   | 58.8 | 1039  | 64.1 |
| 25234 | 4900         | 839       | 44.5 | 851       | 45.7 | 863   | 46.8 | 886       | 49.1 | 908   | 51.4 | 931       | 53.6 | 955   | 56.0 | 977       | 58.7 | 999   | 61.1 | 1044  | 66.1 |
| 25749 | 5000         | 846       | 46.4 | 859       | 47.6 | 871   | 48.8 | 894       | 51.2 | 916   | 53.5 | 937       | 55.7 | 961   | 58.0 | 983       | 60.7 | 1005  | 63.4 | 1049  | 68.3 |

## CENTRIFUGAL FAN TYPE

SIZE 330

SINGLE WIDTH  
SINGLE INLET

WHEEL DIA. 33"

OUTLET AREA 6.26 SQ FT

| CFM   | O. V.<br>FPM | 1/4" SP |      | 3/8" SP |      | 1/2" SP |      | 5/8" SP |      | 3/4" SP |      | 7/8" SP |      | 1" SP |      | 1 1/4" SP |      | 1 1/2" SP |      | 1 3/4" SP |      |
|-------|--------------|---------|------|---------|------|---------|------|---------|------|---------|------|---------|------|-------|------|-----------|------|-----------|------|-----------|------|
|       |              | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM   | BHP  | RPM       | BHP  | RPM       | BHP  | RPM       | BHP  |
| 5633  | 900          | 155     | .40  | 185     | .55  | 212     | .72  | 237     | 1.00 | 260     | 1.32 | 281     | 1.69 | 300   | 2.09 |           |      |           |      |           |      |
| 6259  | 1000         | 158     | .47  | 187     | .63  | 213     | .81  | 237     | 1.00 | 260     | 1.32 | 281     | 1.69 | 300   | 2.09 |           |      |           |      |           |      |
| 6885  | 1100         | 162     | .55  | 189     | .72  | 215     | .91  | 238     | 1.11 | 261     | 1.46 | 282     | 1.84 | 301   | 2.27 | 336       | 2.81 | 368       | 3.61 |           |      |
| 7511  | 1200         | 166     | .65  | 192     | .83  | 217     | 1.03 | 240     | 1.23 | 261     | 1.46 | 282     | 1.84 | 301   | 2.27 | 336       | 2.81 | 368       | 3.61 |           |      |
| 8137  | 1300         | 170     | .76  | 196     | .95  | 219     | 1.15 | 242     | 1.37 | 262     | 1.60 | 282     | 1.84 | 300   | 2.09 |           |      |           |      |           |      |
| 8763  | 1400         | 175     | .89  | 200     | 1.09 | 223     | 1.30 | 244     | 1.53 | 265     | 1.76 | 283     | 2.01 | 301   | 2.27 | 336       | 2.81 | 368       | 3.61 |           |      |
| 9389  | 1500         | 180     | 1.04 | 204     | 1.24 | 226     | 1.46 | 247     | 1.70 | 267     | 1.95 | 286     | 2.20 | 303   | 2.46 | 336       | 3.02 | 368       | 3.61 |           |      |
| 10015 | 1600         | 185     | 1.20 | 208     | 1.41 | 230     | 1.64 | 250     | 1.89 | 269     | 2.14 | 288     | 2.41 | 305   | 2.68 | 337       | 3.25 | 368       | 3.61 |           |      |
| 10641 | 1700         | 191     | 1.39 | 213     | 1.60 | 234     | 1.84 | 254     | 2.09 | 272     | 2.36 | 290     | 2.62 | 307   | 2.92 | 339       | 3.50 | 369       | 4.13 | 397       | 4.78 |
| 11267 | 1800         | 197     | 1.60 | 218     | 1.81 | 239     | 2.06 | 258     | 2.32 | 276     | 2.59 | 293     | 2.87 | 309   | 3.16 | 341       | 3.77 | 370       | 4.42 | 398       | 5.07 |
| 11893 | 1900         | 203     | 1.83 | 223     | 2.06 | 243     | 2.30 | 262     | 2.57 | 280     | 2.85 | 296     | 3.14 | 312   | 3.44 | 344       | 4.08 | 373       | 4.72 | 399       | 5.41 |
| 12519 | 2000         | 210     | 2.07 | 229     | 2.32 | 248     | 2.57 | 266     | 2.84 | 284     | 3.13 | 300     | 3.42 | 316   | 3.75 | 346       | 4.38 | 375       | 5.06 | 401       | 5.75 |
| 13145 | 2100         | 217     | 2.34 | 235     | 2.61 | 253     | 2.87 | 271     | 3.14 | 288     | 3.44 | 304     | 3.74 | 319   | 4.06 | 348       | 4.72 | 377       | 5.43 | 403       | 6.14 |
| 13771 | 2200         | 223     | 2.63 | 241     | 2.93 | 258     | 3.19 | 276     | 3.46 | 292     | 3.77 | 308     | 4.09 | 323   | 4.41 | 352       | 5.10 | 379       | 5.79 | 406       | 6.55 |
| 14397 | 2300         | 231     | 2.95 | 247     | 3.27 | 264     | 3.54 | 280     | 3.82 | 297     | 4.12 | 312     | 4.45 | 327   | 4.79 | 355       | 5.49 | 382       | 6.21 | 408       | 6.98 |
| 15023 | 2400         | 238     | 3.29 | 254     | 3.63 | 270     | 3.92 | 286     | 4.22 | 301     | 4.51 | 316     | 4.84 | 331   | 5.19 | 359       | 5.89 | 385       | 6.65 | 409       | 7.40 |
| 15649 | 2500         | 245     | 3.65 | 260     | 4.00 | 276     | 4.32 | 291     | 4.63 | 306     | 4.94 | 321     | 5.27 | 335   | 5.61 | 363       | 6.34 | 388       | 7.12 | 413       | 7.90 |
| 16275 | 2600         | 252     | 4.04 | 267     | 4.43 | 282     | 4.77 | 297     | 5.07 | 311     | 5.40 | 326     | 5.72 | 340   | 6.08 | 367       | 6.83 | 391       | 7.59 | 416       | 8.43 |
| 16901 | 2700         | 260     | 4.45 | 274     | 4.86 | 288     | 5.24 | 303     | 5.56 | 317     | 5.89 | 331     | 6.22 | 345   | 6.58 | 371       | 7.34 | 396       | 8.13 | 419       | 8.97 |
| 17527 | 2800         | 267     | 4.91 | 281     | 5.34 | 295     | 5.72 | 309     | 6.07 | 322     | 6.41 | 336     | 6.76 | 349   | 7.11 | 375       | 7.86 | 400       | 8.69 | 423       | 9.52 |
| 18153 | 2900         | 275     | 5.38 | 288     | 5.84 | 301     | 6.24 | 315     | 6.63 | 328     | 6.96 | 341     | 7.32 | 354   | 7.68 | 380       | 8.46 | 404       | 9.28 | 427       | 10.1 |
| 18779 | 3000         | 282     | 5.88 | 296     | 6.37 | 308     | 6.80 | 321     | 7.21 | 334     | 7.56 | 347     | 7.93 | 359   | 8.30 | 384       | 9.08 | 408       | 9.92 | 431       | 10.7 |
| 19405 | 3100         | 290     | 6.38 | 303     | 6.93 | 315     | 7.38 | 328     | 7.81 | 340     | 8.20 | 352     | 8.55 | 365   | 8.95 | 389       | 9.72 | 413       | 10.5 | 435       | 11.4 |
| 20031 | 3200         | 298     | 6.90 | 310     | 7.52 | 322     | 8.01 | 334     | 8.42 | 346     | 8.88 | 358     | 9.25 | 370   | 9.64 | 394       | 10.4 | 417       | 11.2 | 439       | 12.2 |
| 20657 | 3300         | 306     | 7.45 | 318     | 8.13 | 330     | 8.67 | 341     | 9.12 | 353     | 9.57 | 364     | 9.95 | 376   | 10.3 | 399       | 11.1 | 422       | 12.0 | 443       | 12.9 |

| CFM   | O. V.<br>FPM | 2" SP |      | 2 1/4" SP |      | 2 1/2" SP |      | 2 3/4" SP |      | 3" SP |      | 3 1/4" SP |      | 3 1/2" SP |      | 3 3/4" SP |      | 4" SP |      | 4 1/4" SP |      |
|-------|--------------|-------|------|-----------|------|-----------|------|-----------|------|-------|------|-----------|------|-----------|------|-----------|------|-------|------|-----------|------|
|       |              | RPM   | BHP  | RPM       | BHP  | RPM       | BHP  | RPM       | BHP  | RPM   | BHP  | RPM       | BHP  | RPM       | BHP  | RPM       | BHP  | RPM   | BHP  | RPM       | BHP  |
| 13145 | 2100         | 428   | 6.88 | 452       | 7.66 | 475       | 8.45 | 498       | 9.74 | 520   | 11.1 | 541       | 11.9 | 561       | 13.4 | 581       | 15.0 | 600   | 16.7 | 619       | 18.4 |
| 13771 | 2200         | 430   | 7.29 | 454       | 8.09 | 476       | 8.90 | 499       | 10.2 | 521   | 11.6 | 542       | 12.5 | 562       | 14.0 | 582       | 15.7 | 601   | 17.3 | 620       | 19.1 |
| 14397 | 2300         | 432   | 7.74 | 456       | 8.52 | 478       | 9.38 | 501       | 10.7 | 522   | 12.2 | 543       | 13.1 | 563       | 14.7 | 583       | 16.4 | 603   | 18.1 | 621       | 20.0 |
| 15023 | 2400         | 435   | 8.24 | 458       | 9.04 | 480       | 9.87 | 503       | 11.3 | 523   | 12.8 | 544       | 14.0 | 564       | 15.7 | 584       | 17.4 | 604   | 18.9 | 622       | 20.8 |
| 15649 | 2500         | 437   | 8.73 | 460       | 9.58 | 482       | 10.4 | 505       | 11.8 | 525   | 13.4 | 546       | 14.9 | 565       | 16.6 | 585       | 18.3 | 605   | 19.7 | 623       | 21.6 |
| 16275 | 2600         | 439   | 9.24 | 462       | 10.1 | 484       | 11.0 | 507       | 12.5 | 527   | 14.1 | 548       | 15.5 | 567       | 17.3 | 586       | 19.0 | 606   | 20.5 | 624       | 22.5 |
| 16901 | 2700         | 442   | 9.80 | 464       | 10.6 | 486       | 11.6 | 509       | 13.1 | 529   | 14.8 | 550       | 16.1 | 569       | 18.0 | 588       | 19.8 | 608   | 21.3 | 625       | 23.4 |
| 17527 | 2800         | 445   | 10.4 | 467       | 11.3 | 488       | 12.2 | 511       | 13.8 | 531   | 15.5 | 551       | 16.8 | 571       | 18.8 | 590       | 20.6 | 609   | 22.1 | 626       | 24.3 |
| 18153 | 2900         | 449   | 11.0 | 470       | 11.9 | 490       | 12.8 | 513       | 14.5 | 533   | 16.3 | 553       | 17.6 | 573       | 19.6 | 592       | 21.5 | 610   | 23.0 | 627       | 25.2 |
| 18779 | 3000         | 452   | 11.6 | 473       | 12.6 | 493       | 13.5 | 515       | 15.3 | 535   | 17.1 | 555       | 18.9 | 575       | 20.5 | 594       | 22.4 | 612   | 23.8 | 628       | 26.1 |
| 19405 | 3100         | 456   | 12.3 | 477       | 13.3 | 497       | 14.3 | 516       | 16.0 | 538   | 17.9 | 557       | 19.8 | 577       | 21.4 | 596       | 23.3 | 613   | 24.7 | 629       | 27.0 |
| 20031 | 3200         | 461   | 13.1 | 480       | 14.0 | 500       | 15.0 | 519       | 16.9 | 541   | 18.8 | 560       | 20.7 | 579       | 22.3 | 598       | 24.2 | 614   | 25.6 | 630       | 27.9 |
| 20657 | 3300         | 465   | 13.9 | 485       | 14.8 | 504       | 15.8 | 523       | 17.8 | 544   | 19.7 | 562       | 21.6 | 582       | 23.2 | 599       | 25.1 | 615   | 26.5 | 631       | 28.8 |
| 21283 | 3400         | 469   | 14.7 | 489       | 15.7 | 507       | 16.7 | 526       | 18.6 | 548   | 20.6 | 566       | 22.5 | 584       | 24.1 | 599       | 26.0 | 616   | 27.4 | 632       | 29.7 |
| 21909 | 3500         | 473   | 15.5 | 493       | 16.6 | 512       | 17.6 | 529       | 19.5 | 551   | 21.5 | 569       | 23.4 | 588       | 25.0 | 602       | 26.9 | 617   | 28.3 | 633       | 30.6 |
| 22535 | 3600         | 477   | 16.4 | 497       | 17.5 | 516       | 18.5 | 534       | 20.4 | 555   | 22.4 | 572       | 24.3 | 590       | 26.8 | 606       | 27.8 | 618   | 29.2 | 634       | 31.5 |
| 23161 | 3700         | 482   | 17.4 | 501       | 18.4 | 520       | 19.5 | 538       | 21.3 | 559   | 23.3 | 576       | 25.2 | 594       | 27.7 | 610       | 28.7 | 621   | 30.1 | 635       | 32.4 |
| 23787 | 3800         | 486   | 18.4 | 505       | 19.4 | 524       | 20.5 | 542       | 22.2 | 563   | 24.2 | 580       | 26.1 | 598       | 28.6 | 614       | 29.6 | 624   | 31.0 | 636       | 33.3 |
| 24413 | 3900         | 491   | 19.4 | 510       | 20.5 | 528       | 21.6 | 546       | 23.1 | 567   | 25.1 | 584       | 27.0 | 602       | 29.5 | 618       | 30.5 | 627   | 31.9 | 637       | 34.2 |
| 25039 | 4000         | 496   | 20.5 | 514       | 21.6 | 532       | 22.7 | 550       | 24.0 | 571   | 26.0 | 588       | 27.9 | 606       | 30.4 | 622       | 31.4 | 630   | 32.8 | 638       | 35.1 |

| CFM   | O. V.<br>FPM | 4 1/2" SP |      | 4 3/4" SP |      | 5" SP |      | 5 1/2" SP |      | 6" SP |      | 6 1/2" SP |      | 7" SP |      | 7 1/2" SP |      | 8" SP |      | 9" SP |      |
|-------|--------------|-----------|------|-----------|------|-------|------|-----------|------|-------|------|-----------|------|-------|------|-----------|------|-------|------|-------|------|
|       |              | RPM       | BHP  | RPM       | BHP  | RPM   | BHP  | RPM       | BHP  | RPM   | BHP  | RPM       | BHP  | RPM   | BHP  | RPM       | BHP  | RPM   | BHP  | RPM   | BHP  |
| 19405 | 3100         | 641       | 22.7 | 657       | 23.9 | 673   | 25.0 |           |      |       |      |           |      |       |      |           |      |       |      |       |      |
| 20031 | 3200         | 643       | 23.6 | 659       | 24.8 | 675   | 26.0 | 705       | 28.3 |       |      |           |      |       |      |           |      |       |      |       |      |
| 20657 | 3300         | 645       | 24.6 | 661       | 25.7 | 677   | 27.0 | 707       | 29.4 | 736   | 31.8 | 765       | 34.4 |       |      |           |      |       |      |       |      |
| 21283 | 3400         | 648       | 25.6 | 663       | 26.7 | 679   | 27.9 | 708       | 30.4 | 738   | 33.0 | 766       | 35.5 | 794   | 38.2 |           |      |       |      |       |      |
| 21909 | 3500         | 650       | 26.7 | 665       | 27.8 | 681   | 29.0 | 710       | 31.5 | 739   | 34.1 | 767       | 36.7 | 795   | 39.4 | 822       | 42.1 |       |      |       |      |
| 22535 | 3600         | 652       | 27.8 | 668       | 29.0 | 683   | 30.1 | 712       | 32.6 | 741   | 35.3 | 769       | 37.9 | 796   | 40.5 | 823       | 43.4 |       |      |       |      |
| 23161 | 3700         | 654       | 28.9 | 670       | 30.1 | 685   | 31.4 | 715       | 33.9 | 743   | 36.4 | 770       | 39.2 | 797   | 41.9 | 823       | 44.6 | 849   | 47.5 |       |      |
| 23787 | 3800         | 656       | 29.9 | 672       | 31.3 | 687   | 32.6 | 717       | 35.1 | 745   | 37.7 | 772       | 40.5 | 798   | 43.2 | 825       | 46.1 | 850   | 48.9 | 900   | 54.9 |
| 24413 | 3900         | 658       | 31.1 | 674       | 32.4 | 689   | 33.8 | 719       | 36.5 | 747   | 39.1 | 774       | 41.7 | 800   | 44.6 | 826       | 47.5 | 851   | 50.4 | 901   | 56.4 |
| 25039 | 4000         | 661       | 32.4 | 676       | 33.7 | 691   | 35.0 | 721       | 37.8 | 749   | 40.4 | 776       | 43.2 | 803   | 46.0 | 828       | 48.9 | 853   | 51.9 | 902   | 57.9 |
| 25665 | 4100         | 664       | 33.7 | 679       | 35.0 | 693   | 36.3 | 723       | 39.1 | 752   | 41.9 | 779       | 44.6 | 805   | 47.4 | 830       | 50.4 | 854   | 53.4 | 902   | 59.4 |
| 26291 | 4200         | 668       | 35.1 | 682       | 36.4 | 697   | 37.7 | 725       | 40.5 | 754   | 43.4 | 781       | 46.2 | 807   | 49.0 | 832       | 51.8 | 856   | 55.0 | 904   | 61.2 |
| 26917 | 4300         | 671       | 36.5 | 686       | 37.9 | 700   | 39.2 | 727       | 41.9 | 756   | 44.9 | 783       | 47.8 | 809   | 50.6 | 834       | 53.6 | 858   | 56.6 | 905   | 62.9 |
| 27543 | 4400         | 675       | 38.0 | 689       | 39.3 | 703   | 40.7 | 730       | 43.5 | 757   | 46.3 | 785       | 49.4 | 811   | 52.4 | 836       | 55.3 | 861   | 58.3 | 907   | 64.7 |
| 28169 | 4500         | 678       | 39.3 | 693       | 40.8 | 707   | 42.2 | 733       | 45.0 | 760   | 47.9 | 787       | 51.0 | 813   | 54.1 | 838       | 57.0 | 863   | 60.1 | 909   | 66.5 |
| 28795 | 4600         | 682       | 41.0 | 696       | 42.3 | 710   | 43.8 | 737       | 46.8 | 763   | 49.6 | 789       | 52.5 | 815   | 55.8 | 841       | 58.9 | 865   | 61.9 | 911   | 68.1 |
| 29421 | 4700         | 687       | 42.6 | 700       | 44.0 | 713   | 45.4 | 740       | 48.4 | 766   | 51.3 | 791       | 54.3 | 817   | 57.1 | 843       | 60.7 | 867   | 63.9 | 913   | 70.2 |
| 30047 | 4800         | 691       | 44.2 | 704       | 45.7 | 717   | 47.1 | 744       | 50.2 | 770   | 53.2 | 795       | 56.2 | 819   | 59.1 | 845       | 62.6 | 869   | 65.9 | 916   | 72.3 |
| 30673 | 4900         | 695       | 46.0 | 709       | 47.4 | 722   | 48.9 | 747       | 51.9 | 773   | 55.0 | 798       | 58.0 | 822   | 61.2 | 846       | 64.4 | 871   | 67.8 | 918   | 74.3 |
| 31299 | 5000         | 699       | 47.8 | 713       | 49.3 | 726   | 50.7 | 750       | 53.6 | 776   | 56.9 | 801       | 60.1 | 825   | 63.1 | 849       | 66.3 | 873   | 69.8 | 920   | 76.6 |



# SIZE 365

SINGLE WIDTH  
SINGLE INLET

# CENTRIFUGAL FAN TYPE F

WHEEL DIA. 36 1/2"

OUTLET AREA 7.66 SQ FT

| CFM   | O. V.<br>FPM | 1/4" SP |      | 3/8" SP |      | 1/2" SP |      | 5/8" SP |      | 3/4" SP |      | 7/8" SP |      | 1" SP |      | 1 1/4" SP |      | 1 1/2" SP |      | 1 3/4" SP |      |
|-------|--------------|---------|------|---------|------|---------|------|---------|------|---------|------|---------|------|-------|------|-----------|------|-----------|------|-----------|------|
|       |              | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM   | BHP  | RPM       | BHP  | RPM       | BHP  | RPM       | BHP  |
| 6893  | 900          | 140     | .48  | 167     | .68  | 192     | .88  |         |      |         |      |         |      |       |      |           |      |           |      |           |      |
| 7659  | 1000         | 143     | .57  | 169     | .77  | 193     | .99  | 215     | 1.23 |         |      |         |      |       |      |           |      |           |      |           |      |
| 8425  | 1100         | 146     | .67  | 171     | .89  | 195     | 1.11 | 215     | 1.36 | 235     | 1.62 |         |      |       |      |           |      |           |      |           |      |
| 9191  | 1200         | 150     | .79  | 174     | 1.02 | 196     | 1.26 | 217     | 1.51 | 236     | 1.78 | 254     | 2.06 |       |      |           |      |           |      |           |      |
| 9957  | 1300         | 154     | .93  | 177     | 1.16 | 198     | 1.41 | 219     | 1.68 | 237     | 1.96 | 255     | 2.25 | 271   | 2.56 |           |      |           |      |           |      |
| 10723 | 1400         | 158     | 1.09 | 181     | 1.33 | 201     | 1.59 | 221     | 1.87 | 239     | 2.16 | 256     | 2.46 | 272   | 2.78 | 303       | 3.44 |           |      |           |      |
| 11489 | 1500         | 162     | 1.27 | 185     | 1.52 | 204     | 1.79 | 223     | 2.08 | 241     | 2.38 | 258     | 2.69 | 274   | 3.01 | 304       | 3.69 |           |      |           |      |
| 12255 | 1600         | 167     | 1.47 | 188     | 1.73 | 208     | 2.01 | 226     | 2.31 | 243     | 2.62 | 260     | 2.95 | 276   | 3.28 | 305       | 3.98 | 332       | 4.72 |           |      |
| 13021 | 1700         | 173     | 1.70 | 193     | 1.96 | 212     | 2.25 | 229     | 2.56 | 246     | 2.89 | 262     | 3.21 | 278   | 3.57 | 307       | 4.28 | 333       | 5.05 | 359       | 5.84 |
| 13787 | 1800         | 178     | 1.96 | 197     | 2.22 | 216     | 2.52 | 233     | 2.84 | 249     | 3.17 | 265     | 3.52 | 280   | 3.87 | 309       | 4.62 | 335       | 5.40 | 360       | 6.21 |
| 14553 | 1900         | 184     | 2.24 | 202     | 2.52 | 220     | 2.82 | 237     | 3.15 | 253     | 3.49 | 268     | 3.85 | 282   | 4.21 | 311       | 4.99 | 337       | 5.77 | 361       | 6.62 |
| 15319 | 2000         | 190     | 2.54 | 207     | 2.84 | 224     | 3.15 | 241     | 3.48 | 256     | 3.84 | 271     | 4.19 | 285   | 4.58 | 312       | 5.36 | 339       | 6.19 | 363       | 7.04 |
| 16085 | 2100         | 196     | 2.87 | 212     | 3.19 | 229     | 3.51 | 245     | 3.84 | 260     | 4.21 | 275     | 4.58 | 288   | 4.97 | 315       | 5.78 | 341       | 6.64 | 365       | 7.51 |
| 16851 | 2200         | 202     | 3.22 | 218     | 3.58 | 233     | 3.90 | 249     | 4.24 | 264     | 4.61 | 278     | 5.00 | 292   | 5.40 | 318       | 6.24 | 342       | 7.09 | 367       | 8.02 |
| 17617 | 2300         | 209     | 3.62 | 224     | 4.00 | 239     | 4.33 | 254     | 4.68 | 268     | 5.05 | 282     | 5.45 | 296   | 5.86 | 321       | 6.71 | 345       | 7.60 | 369       | 8.54 |
| 18383 | 2400         | 215     | 4.02 | 229     | 4.44 | 244     | 4.80 | 258     | 5.16 | 273     | 5.52 | 286     | 5.93 | 299   | 6.35 | 324       | 7.21 | 348       | 8.14 | 370       | 9.05 |
| 19149 | 2500         | 222     | 4.47 | 235     | 4.90 | 249     | 5.29 | 263     | 5.67 | 277     | 6.05 | 290     | 6.45 | 303   | 6.86 | 328       | 7.76 | 351       | 8.71 | 373       | 9.67 |
| 19915 | 2600         | 228     | 4.95 | 242     | 5.42 | 255     | 5.84 | 268     | 6.20 | 282     | 6.61 | 295     | 7.00 | 307   | 7.44 | 332       | 8.36 | 354       | 9.29 | 376       | 10.3 |
| 20681 | 2700         | 235     | 5.44 | 248     | 5.95 | 261     | 6.41 | 274     | 6.81 | 286     | 7.21 | 299     | 7.62 | 312   | 8.05 | 335       | 8.99 | 358       | 9.95 | 379       | 10.9 |
| 21447 | 2800         | 242     | 6.01 | 254     | 6.54 | 267     | 7.01 | 279     | 7.43 | 291     | 7.85 | 304     | 8.27 | 316   | 8.70 | 339       | 9.63 | 362       | 10.6 | 382       | 11.6 |
| 22213 | 2900         | 249     | 6.59 | 261     | 7.15 | 272     | 7.64 | 285     | 8.12 | 297     | 8.52 | 308     | 8.96 | 320   | 9.40 | 343       | 10.3 | 365       | 11.3 | 386       | 12.4 |
| 22979 | 3000         | 255     | 7.19 | 267     | 7.79 | 279     | 8.33 | 290     | 8.82 | 302     | 9.26 | 313     | 9.71 | 325   | 10.1 | 348       | 11.1 | 369       | 12.1 | 390       | 13.1 |
| 23745 | 3100         | 262     | 7.81 | 274     | 8.49 | 285     | 9.03 | 296     | 9.56 | 308     | 10.0 | 318     | 10.4 | 330   | 10.9 | 352       | 11.9 | 373       | 12.9 | 393       | 14.0 |
| 24511 | 3200         | 270     | 8.45 | 281     | 9.20 | 292     | 9.81 | 302     | 10.3 | 313     | 10.8 | 324     | 11.3 | 335   | 11.8 | 356       | 12.7 | 377       | 13.8 | 397       | 14.9 |
| 25277 | 3300         | 277     | 9.12 | 287     | 9.95 | 298     | 10.6 | 308     | 11.1 | 319     | 11.7 | 329     | 12.1 | 340   | 12.6 | 361       | 13.6 | 381       | 14.7 | 401       | 15.8 |

| CFM   | O. V.<br>FPM | 2" SP |      | 2 1/4" SP |      | 2 1/2" SP |      | 2 3/4" SP |      | 3" SP |      | 3 1/4" SP |      | 3 1/2" SP |      | 3 3/4" SP |      | 4" SP |      | 4 1/4" SP |      |
|-------|--------------|-------|------|-----------|------|-----------|------|-----------|------|-------|------|-----------|------|-----------|------|-----------|------|-------|------|-----------|------|
|       |              | RPM   | BHP  | RPM       | BHP  | RPM       | BHP  | RPM       | BHP  | RPM   | BHP  | RPM       | BHP  | RPM       | BHP  | RPM       | BHP  | RPM   | BHP  | RPM       | BHP  |
| 16085 | 2100         | 387   | 8.42 | 409       | 9.37 | 430       | 10.3 | 450       | 11.3 |       |      |           |      |           |      |           |      |       |      |           |      |
| 16851 | 2200         | 389   | 8.92 | 410       | 9.90 | 431       | 10.9 | 450       | 11.9 | 470   | 12.9 |           |      |           |      |           |      |       |      |           |      |
| 17617 | 2300         | 391   | 9.47 | 412       | 10.4 | 432       | 11.4 | 451       | 12.5 | 471   | 13.5 | 489       | 14.6 |           |      |           |      |       |      |           |      |
| 18383 | 2400         | 393   | 10.0 | 414       | 11.0 | 434       | 12.0 | 453       | 13.1 | 472   | 14.2 | 490       | 15.3 |           |      |           |      |       |      |           |      |
| 19149 | 2500         | 395   | 10.6 | 416       | 11.7 | 436       | 12.7 | 455       | 13.8 | 473   | 14.9 | 491       | 16.0 | 508       | 17.2 |           |      |       |      |           |      |
| 19915 | 2600         | 397   | 11.3 | 418       | 12.4 | 438       | 13.4 | 457       | 14.5 | 475   | 15.6 | 492       | 16.8 | 509       | 18.0 | 526       | 19.2 | 543   | 20.4 | 559       | 21.7 |
| 20681 | 2700         | 399   | 11.9 | 419       | 13.0 | 440       | 14.2 | 458       | 15.2 | 477   | 16.4 | 494       | 17.6 | 511       | 18.8 | 527       | 20.0 | 544   | 21.2 | 560       | 22.5 |
| 21447 | 2800         | 403   | 12.7 | 422       | 13.8 | 441       | 14.9 | 460       | 16.1 | 478   | 17.2 | 496       | 18.4 | 513       | 19.6 | 529       | 20.9 | 545   | 22.2 | 561       | 23.4 |
| 22213 | 2900         | 406   | 13.5 | 425       | 14.6 | 443       | 15.7 | 462       | 16.9 | 480   | 18.1 | 498       | 19.3 | 514       | 20.5 | 531       | 21.8 | 546   | 23.1 | 562       | 24.4 |
| 22979 | 3000         | 409   | 14.2 | 428       | 15.4 | 446       | 16.6 | 464       | 17.7 | 482   | 19.0 | 500       | 20.3 | 516       | 21.5 | 532       | 22.7 | 548   | 24.1 | 563       | 25.4 |
| 23745 | 3100         | 413   | 15.1 | 431       | 16.3 | 449       | 17.5 | 467       | 18.7 | 484   | 19.9 | 502       | 21.2 | 518       | 22.5 | 534       | 23.8 | 550   | 25.1 | 565       | 26.4 |
| 24511 | 3200         | 417   | 16.0 | 434       | 17.2 | 452       | 18.4 | 469       | 19.6 | 486   | 20.9 | 503       | 22.2 | 520       | 23.6 | 536       | 24.9 | 552   | 26.2 | 567       | 27.5 |
| 25277 | 3300         | 420   | 17.0 | 438       | 18.2 | 455       | 19.4 | 473       | 20.7 | 489   | 21.9 | 505       | 23.2 | 522       | 24.6 | 538       | 26.0 | 554   | 27.3 | 569       | 28.7 |
| 26043 | 3400         | 424   | 18.0 | 442       | 19.2 | 459       | 20.4 | 476       | 21.7 | 492   | 23.1 | 508       | 24.3 | 524       | 25.6 | 540       | 27.1 | 556   | 28.5 | 571       | 29.9 |
| 26809 | 3500         | 428   | 19.0 | 445       | 20.3 | 463       | 21.5 | 479       | 22.8 | 495   | 24.2 | 511       | 25.5 | 527       | 26.9 | 542       | 28.2 | 558   | 29.7 | 573       | 31.2 |
| 27575 | 3600         | 432   | 20.1 | 449       | 21.4 | 467       | 22.7 | 482       | 24.0 | 498   | 25.4 | 514       | 26.7 | 529       | 28.1 | 544       | 29.5 | 559   | 30.9 | 575       | 32.5 |
| 28341 | 3700         | 435   | 21.3 | 453       | 22.5 | 470       | 23.9 | 487       | 25.2 | 501   | 26.5 | 517       | 28.0 | 533       | 29.4 | 547       | 30.8 | 562   | 32.3 | 576       | 33.7 |
| 29107 | 3800         | 440   | 22.5 | 457       | 23.8 | 474       | 25.1 | 490       | 26.5 | 506   | 27.9 | 520       | 29.2 | 536       | 30.7 | 550       | 32.2 | 564   | 33.6 | 579       | 35.1 |
| 29873 | 3900         | 444   | 23.8 | 461       | 25.1 | 477       | 26.4 | 493       | 27.8 | 510   | 29.2 | 524       | 30.6 | 539       | 32.1 | 553       | 33.6 | 568   | 35.1 | 581       | 36.6 |
| 30639 | 4000         | 449   | 25.1 | 465       | 26.4 | 481       | 27.8 | 497       | 29.2 | 513   | 30.6 | 528       | 32.1 | 542       | 33.5 | 556       | 35.1 | 571   | 36.6 | 584       | 38.1 |

| CFM   | O. V.<br>FPM | 4 1/2" SP |      | 4 3/4" SP |      | 5" SP |      | 5 1/2" SP |      | 6" SP |      | 6 1/2" SP |      | 7" SP |      | 7 1/2" SP |      | 8" SP |      | 9" SP |      |
|-------|--------------|-----------|------|-----------|------|-------|------|-----------|------|-------|------|-----------|------|-------|------|-----------|------|-------|------|-------|------|
|       |              | RPM       | BHP  | RPM       | BHP  | RPM   | BHP  | RPM       | BHP  | RPM   | BHP  | RPM       | BHP  | RPM   | BHP  | RPM       | BHP  | RPM   | BHP  | RPM   | BHP  |
| 23745 | 3100         | 580       | 27.8 | 594       | 29.2 | 609   | 30.6 | 637       | 33.5 |       |      |           |      |       |      |           |      |       |      |       |      |
| 24511 | 3200         | 582       | 28.9 | 596       | 30.4 | 610   | 31.8 | 638       | 34.7 | 665   | 37.7 |           |      |       |      |           |      |       |      |       |      |
| 25277 | 3300         | 584       | 30.1 | 598       | 31.5 | 612   | 33.0 | 639       | 36.0 | 666   | 39.0 | 692       | 42.1 |       |      |           |      |       |      |       |      |
| 26043 | 3400         | 585       | 31.3 | 600       | 32.7 | 614   | 34.2 | 640       | 37.2 | 667   | 40.3 | 693       | 43.5 | 718   | 46.7 |           |      |       |      |       |      |
| 26809 | 3500         | 587       | 32.6 | 602       | 34.1 | 616   | 35.5 | 642       | 38.6 | 668   | 41.8 | 694       | 44.9 | 719   | 48.2 | 743       | 51.5 |       |      |       |      |
| 27575 | 3600         | 589       | 34.0 | 604       | 35.4 | 617   | 36.9 | 644       | 39.9 | 670   | 43.2 | 695       | 46.4 | 719   | 49.6 | 744       | 53.1 | 767   | 56.5 |       |      |
| 28341 | 3700         | 591       | 35.3 | 606       | 36.9 | 619   | 38.4 | 646       | 41.4 | 672   | 44.6 | 696       | 47.9 | 721   | 51.3 | 744       | 54.6 | 768   | 58.2 |       |      |
| 29107 | 3800         | 593       | 36.6 | 607       | 38.3 | 621   | 39.9 | 648       | 42.8 | 674   | 46.1 | 698       | 49.5 | 722   | 52.9 | 746       | 56.4 | 769   | 59.9 | 814   | 67.1 |
| 29873 | 3900         | 595       | 38.1 | 609       | 39.7 | 623   | 41.4 | 650       | 44.6 | 676   | 47.8 | 700       | 51.0 | 724   | 54.6 | 747       | 58.1 | 770   | 61.6 | 814   | 69.0 |
| 30639 | 4000         | 598       | 39.7 | 611       | 41.2 | 625   | 42.8 | 652       | 46.3 | 677   | 49.5 | 702       | 52.8 | 726   | 56.3 | 748       | 59.9 | 771   | 63.6 | 815   | 70.9 |
| 31405 | 4100         | 599       | 41.3 | 614       | 42.9 | 627   | 44.4 | 654       | 47.9 | 679   | 51.3 | 704       | 54.6 | 727   | 58.0 | 750       | 61.7 | 772   | 65.4 | 816   | 72.7 |
| 32190 | 4200         | 604       | 43.0 | 617       | 44.5 | 630   | 46.2 | 655       | 49.5 | 681   | 53.1 | 706       | 56.5 | 729   | 60.0 | 752       | 63.4 | 774   | 67.3 | 817   | 74.9 |
| 32900 | 4300         | 607       | 44.7 | 620       | 46.4 | 633   | 47.9 | 658       | 51.3 | 683   | 54.9 | 708       | 58.5 | 731   | 61.9 | 754       | 65.6 | 776   | 69.2 | 818   | 77.0 |
| 33700 | 4400         | 610       | 46.5 | 623       | 48.1 | 636   | 49.9 | 660       | 53.2 | 685   | 56.6 | 710       | 60.4 | 733   | 64.1 | 756       | 67.7 | 778   | 71.3 | 820   | 79.2 |
| 34400 | 4500         | 613       | 48.2 | 626       | 50.0 | 639   | 51.7 | 663       | 55.1 | 687   | 58.6 | 711       | 62.4 | 735   | 66.2 | 758       | 69.8 | 780   | 73.6 | 822   | 81.3 |
| 35200 | 4600         | 617       | 50.1 | 629       | 51.8 | 642   | 53.7 | 666       | 57.2 | 690   | 60.7 | 713       | 64.3 | 737   | 68.3 | 760       | 72.1 | 782   | 75.7 | 824   | 83.4 |
| 36000 | 4700         | 621       | 52.1 | 633       | 53.8 | 645   | 55.6 | 669       | 59.3 | 693   | 62.8 | 716       | 66.5 | 739   | 70.4 | 762       | 74.3 | 784   | 78.2 | 826   | 86.0 |
| 36700 | 4800         | 625       | 54.1 | 637       | 55.9 | 648   | 57.6 | 672       | 61.4 | 696   | 65.1 | 718       | 68.7 | 740   | 72.4 | 764       | 76.6 | 786   | 80.6 | 828   | 88.5 |
| 37500 | 4900         | 628       | 56.4 | 641       | 58.0 | 652   | 59.9 | 675       | 63.5 | 699   | 67.3 | 721       | 71.0 | 743   | 74.9 | 765       | 78.8 | 788   | 83.0 | 830   | 90.9 |
| 38200 | 5000         | 632       | 58.5 | 644       | 60.3 | 656   | 62.0 | 678       | 65.7 | 702   | 69.6 | 724       | 73.5 | 746   | 77.3 | 767       | 81.1 | 789   | 85.4 | 832   | 93.3 |

## CENTRIFUGAL FAN TYPE

WHEEL DIA. 40 1/4"

OUTLET AREA 9.32 SQ FT

| CFM   | O. V.<br>FPM | 1/4" SP |      | 3/8" SP |      | 1/2" SP |      | 5/8" SP |      | 3/4" SP |      | 7/8" SP |      | 1" SP |      | 1 1/4" SP |      | 1 1/2" SP |      | 1 3/4" SP |      |
|-------|--------------|---------|------|---------|------|---------|------|---------|------|---------|------|---------|------|-------|------|-----------|------|-----------|------|-----------|------|
|       |              | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM   | BHP  | RPM       | BHP  | RPM       | BHP  | RPM       | BHP  |
| 8387  | 900          | 127     | .59  | 152     | .82  | 174     | 1.08 | 195     | 1.49 |         |      |         |      |       |      |           |      |           |      |           |      |
| 9319  | 1000         | 129     | .70  | 154     | .94  | 175     | 1.21 | 195     | 1.66 | 213     | 1.97 |         |      |       |      |           |      |           |      |           |      |
| 10251 | 1100         | 132     | .82  | 155     | 1.08 | 176     | 1.36 | 197     | 1.84 | 214     | 2.17 | 230     | 2.51 |       |      |           |      |           |      |           |      |
| 11183 | 1200         | 136     | .97  | 158     | 1.24 | 178     | 1.53 | 198     | 2.05 | 215     | 2.38 | 231     | 2.74 | 246   | 3.11 |           |      |           |      |           |      |
| 12115 | 1300         | 139     | 1.13 | 160     | 1.41 | 180     | 1.72 | 198     | 2.05 | 215     | 2.38 | 231     | 2.74 | 246   | 3.11 |           |      |           |      |           |      |
| 13047 | 1400         | 143     | 1.32 | 164     | 1.62 | 183     | 1.94 | 200     | 2.28 | 217     | 2.63 | 232     | 2.99 | 247   | 3.38 | 275       | 4.19 |           |      |           |      |
| 13979 | 1500         | 147     | 1.55 | 167     | 1.85 | 185     | 2.17 | 202     | 2.53 | 219     | 2.90 | 234     | 3.27 | 248   | 3.67 | 276       | 4.49 |           |      |           |      |
| 14911 | 1600         | 152     | 1.80 | 171     | 2.10 | 189     | 2.44 | 205     | 2.81 | 221     | 3.19 | 236     | 3.59 | 250   | 3.99 | 277       | 4.84 | 302       | 5.75 |           |      |
| 15843 | 1700         | 157     | 2.07 | 175     | 2.39 | 192     | 2.74 | 208     | 3.11 | 223     | 3.51 | 237     | 3.91 | 252   | 4.35 | 278       | 5.21 | 302       | 6.14 | 325       | 7.11 |
| 16775 | 1800         | 162     | 2.39 | 179     | 2.71 | 196     | 3.07 | 212     | 3.46 | 226     | 3.86 | 240     | 4.28 | 254   | 4.71 | 280       | 5.62 | 304       | 6.58 | 326       | 7.55 |
| 17707 | 1900         | 167     | 2.73 | 183     | 3.07 | 199     | 3.43 | 215     | 3.83 | 229     | 4.25 | 243     | 4.68 | 256   | 5.12 | 282       | 6.08 | 305       | 7.02 | 327       | 8.06 |
| 18639 | 2000         | 172     | 3.09 | 188     | 3.46 | 203     | 3.83 | 218     | 4.23 | 233     | 4.67 | 246     | 5.10 | 259   | 5.58 | 283       | 6.52 | 307       | 7.53 | 329       | 8.57 |
| 19571 | 2100         | 178     | 3.50 | 193     | 3.89 | 207     | 4.27 | 222     | 4.68 | 236     | 5.12 | 249     | 5.57 | 261   | 6.05 | 286       | 7.04 | 309       | 8.09 | 331       | 9.14 |
| 20503 | 2200         | 183     | 3.92 | 198     | 4.36 | 212     | 4.75 | 226     | 5.16 | 240     | 5.61 | 252     | 6.09 | 265   | 6.57 | 288       | 7.59 | 310       | 8.62 | 333       | 9.76 |
| 21435 | 2300         | 189     | 4.40 | 203     | 4.87 | 216     | 5.27 | 230     | 5.69 | 243     | 6.15 | 256     | 6.63 | 268   | 7.13 | 291       | 8.17 | 313       | 9.25 | 334       | 10.3 |
| 22367 | 2400         | 195     | 4.90 | 208     | 5.41 | 221     | 5.84 | 234     | 6.28 | 247     | 6.72 | 260     | 7.22 | 272   | 7.73 | 294       | 8.79 | 316       | 9.91 | 336       | 11.0 |
| 23299 | 2500         | 201     | 5.45 | 213     | 5.97 | 226     | 6.44 | 239     | 6.90 | 251     | 7.36 | 263     | 7.85 | 275   | 8.35 | 298       | 9.44 | 318       | 10.6 | 338       | 11.7 |
| 24231 | 2600         | 207     | 6.02 | 219     | 6.60 | 231     | 7.12 | 243     | 7.55 | 255     | 8.05 | 267     | 8.52 | 279   | 9.06 | 301       | 10.1 | 321       | 11.3 | 341       | 12.5 |
| 25163 | 2700         | 213     | 6.63 | 225     | 7.25 | 236     | 7.81 | 248     | 8.29 | 260     | 8.77 | 271     | 9.27 | 283   | 9.81 | 304       | 10.9 | 325       | 12.1 | 344       | 13.3 |
| 26095 | 2800         | 219     | 7.31 | 231     | 7.97 | 242     | 8.53 | 253     | 9.05 | 264     | 9.55 | 275     | 10.0 | 287   | 10.5 | 308       | 11.7 | 328       | 12.9 | 347       | 14.1 |
| 27027 | 2900         | 226     | 8.02 | 237     | 8.70 | 247     | 9.30 | 258     | 9.89 | 269     | 10.3 | 280     | 10.9 | 291   | 11.4 | 311       | 12.6 | 331       | 13.8 | 350       | 15.1 |
| 27959 | 3000         | 232     | 8.76 | 242     | 9.49 | 253     | 10.1 | 263     | 10.7 | 274     | 11.2 | 284     | 11.8 | 295   | 12.3 | 315       | 13.5 | 335       | 14.7 | 354       | 16.0 |
| 28891 | 3100         | 238     | 9.51 | 249     | 10.3 | 259     | 11.0 | 269     | 11.6 | 279     | 12.2 | 289     | 12.7 | 299   | 13.3 | 319       | 14.4 | 338       | 15.7 | 357       | 17.1 |
| 29823 | 3200         | 245     | 10.2 | 255     | 11.2 | 265     | 11.9 | 274     | 12.5 | 284     | 13.2 | 294     | 13.7 | 304   | 14.3 | 323       | 15.5 | 342       | 16.8 | 360       | 18.1 |
| 30755 | 3300         | 251     | 11.1 | 260     | 12.1 | 270     | 12.9 | 280     | 13.6 | 289     | 14.2 | 299     | 14.8 | 308   | 15.4 | 327       | 16.6 | 346       | 17.9 | 364       | 19.2 |

| CFM   | O. V.<br>FPM | 2" SP |      | 2 1/4" SP |      | 2 1/2" SP |      | 2 3/4" SP |      | 3" SP |      | 3 1/4" SP |      | 3 1/2" SP |      | 3 3/4" SP |      | 4" SP |      | 4 1/4" SP |      |
|-------|--------------|-------|------|-----------|------|-----------|------|-----------|------|-------|------|-----------|------|-----------|------|-----------|------|-------|------|-----------|------|
|       |              | RPM   | BHP  | RPM       | BHP  | RPM       | BHP  | RPM       | BHP  | RPM   | BHP  | RPM       | BHP  | RPM       | BHP  | RPM       | BHP  | RPM   | BHP  | RPM       | BHP  |
| 19571 | 2100         | 351   | 10.2 | 371       | 11.4 | 390       | 12.5 | 408       | 13.8 |       |      |           |      |           |      |           |      |       |      |           |      |
| 20503 | 2200         | 353   | 10.8 | 372       | 12.0 | 390       | 13.2 | 409       | 14.5 | 426   | 15.7 |           |      |           |      |           |      |       |      |           |      |
| 21435 | 2300         | 355   | 11.5 | 374       | 12.6 | 392       | 13.9 | 409       | 15.2 | 427   | 16.5 | 443       | 17.8 |           |      |           |      |       |      |           |      |
| 22367 | 2400         | 356   | 12.2 | 375       | 13.4 | 393       | 14.7 | 411       | 16.0 | 428   | 17.3 | 444       | 18.7 | 460       | 20.0 |           |      |       |      |           |      |
| 23299 | 2500         | 358   | 13.0 | 377       | 14.2 | 395       | 15.5 | 412       | 16.8 | 429   | 18.1 | 445       | 19.5 | 461       | 20.9 | 477       | 22.4 |       |      |           |      |
| 24231 | 2600         | 360   | 13.7 | 379       | 15.0 | 397       | 16.3 | 414       | 17.7 | 430   | 19.0 | 446       | 20.4 | 462       | 21.9 | 477       | 23.3 | 492   | 24.8 | 507       | 26.4 |
| 25163 | 2700         | 362   | 14.6 | 380       | 15.8 | 399       | 17.3 | 416       | 18.6 | 432   | 20.0 | 448       | 21.4 | 463       | 22.9 | 478       | 24.4 | 493   | 25.8 | 508       | 27.4 |
| 26095 | 2800         | 365   | 15.5 | 383       | 16.8 | 400       | 18.2 | 418       | 19.6 | 434   | 21.0 | 450       | 22.4 | 465       | 23.9 | 479       | 25.4 | 494   | 27.0 | 508       | 28.5 |
| 27027 | 2900         | 368   | 16.4 | 385       | 17.8 | 402       | 19.1 | 419       | 20.6 | 436   | 22.1 | 451       | 23.5 | 467       | 25.0 | 481       | 26.5 | 495   | 28.1 | 509       | 29.7 |
| 27959 | 3000         | 371   | 17.3 | 388       | 18.8 | 405       | 20.2 | 421       | 21.6 | 437   | 23.2 | 453       | 24.7 | 468       | 26.2 | 483       | 27.7 | 497   | 29.3 | 511       | 30.9 |
| 28891 | 3100         | 374   | 18.4 | 391       | 19.8 | 407       | 21.3 | 423       | 22.7 | 439   | 24.2 | 455       | 25.8 | 470       | 27.4 | 485       | 28.9 | 499   | 30.5 | 512       | 32.2 |
| 29823 | 3200         | 378   | 19.5 | 394       | 20.9 | 410       | 22.4 | 426       | 23.9 | 441   | 25.4 | 456       | 27.0 | 472       | 28.7 | 486       | 30.3 | 501   | 31.9 | 514       | 33.5 |
| 30755 | 3300         | 381   | 20.7 | 397       | 22.1 | 413       | 23.6 | 429       | 25.2 | 444   | 26.7 | 458       | 28.3 | 473       | 30.0 | 488       | 31.6 | 502   | 33.3 | 516       | 34.9 |
| 31687 | 3400         | 384   | 21.9 | 401       | 23.3 | 416       | 24.9 | 431       | 26.5 | 446   | 28.1 | 461       | 29.6 | 475       | 31.2 | 490       | 33.0 | 504   | 34.8 | 518       | 36.4 |
| 32600 | 3500         | 388   | 23.1 | 404       | 24.7 | 420       | 26.2 | 434       | 27.8 | 449   | 29.4 | 464       | 31.1 | 478       | 32.7 | 491       | 34.3 | 506   | 36.2 | 519       | 38.0 |
| 33500 | 3600         | 391   | 24.5 | 407       | 26.1 | 423       | 27.6 | 438       | 29.2 | 452   | 30.9 | 466       | 32.6 | 480       | 34.2 | 494       | 35.9 | 507   | 37.6 | 521       | 39.5 |
| 34400 | 3700         | 395   | 25.9 | 411       | 27.5 | 426       | 29.1 | 441       | 30.7 | 455   | 32.3 | 469       | 34.1 | 483       | 35.8 | 496       | 37.5 | 509   | 39.3 | 523       | 41.0 |
| 35400 | 3800         | 399   | 27.4 | 414       | 29.0 | 430       | 30.6 | 445       | 32.3 | 459   | 33.9 | 472       | 35.6 | 486       | 37.4 | 499       | 39.2 | 512   | 40.9 | 525       | 42.8 |
| 36300 | 3900         | 403   | 28.9 | 418       | 30.5 | 433       | 32.2 | 448       | 33.9 | 462   | 35.5 | 475       | 37.3 | 488       | 39.1 | 502       | 40.9 | 515   | 42.8 | 527       | 44.5 |
| 37200 | 4000         | 407   | 30.6 | 422       | 32.2 | 437       | 33.8 | 451       | 35.6 | 465   | 37.3 | 479       | 39.0 | 491       | 40.8 | 505       | 42.7 | 518   | 44.6 | 530       | 46.4 |

| CFM   | O. V.<br>FPM | 4½" SP |      | 4¾" SP |      | 5" SP |      | 5½" SP |      | 6" SP |      | 6½" SP |      | 7" SP |      | 7½" SP |      | 8" SP |      | 9" SP |      |
|-------|--------------|--------|------|--------|------|-------|------|--------|------|-------|------|--------|------|-------|------|--------|------|-------|------|-------|------|
|       |              | RPM    | BHP  | RPM    | BHP  | RPM   | BHP  | RPM    | BHP  | RPM   | BHP  | RPM    | BHP  | RPM   | BHP  | RPM    | BHP  | RPM   | BHP  | RPM   | BHP  |
| 28891 | 3100         | 526    | 33.9 | 539    | 35.6 | 552   | 37.3 | 578    | 40.8 | 603   | 44.4 |        |      |       |      |        |      |       |      |       |      |
| 29823 | 3200         | 527    | 35.2 | 540    | 37.0 | 553   | 38.7 | 578    | 42.2 | 603   | 45.9 |        |      |       |      |        |      |       |      |       |      |
| 30755 | 3300         | 529    | 36.6 | 542    | 38.3 | 555   | 40.2 | 580    | 43.9 | 604   | 47.4 | 627    | 51.3 |       |      |        |      |       |      |       |      |
| 31687 | 3400         | 531    | 38.1 | 544    | 39.8 | 556   | 41.6 | 581    | 45.3 | 605   | 49.1 | 628    | 52.9 | 651   | 56.8 |        |      |       |      |       |      |
| 32600 | 3500         | 533    | 39.7 | 546    | 41.5 | 558   | 43.2 | 582    | 47.0 | 606   | 50.8 | 629    | 54.6 | 652   | 58.7 | 674    | 62.7 |       |      |       |      |
| 33500 | 3600         | 535    | 41.4 | 547    | 43.1 | 560   | 44.9 | 584    | 48.5 | 607   | 52.6 | 630    | 56.5 | 652   | 60.4 | 674    | 64.6 | 696   | 68.8 |       |      |
| 34400 | 3700         | 536    | 43.0 | 549    | 44.9 | 562   | 46.7 | 586    | 50.4 | 609   | 54.3 | 631    | 58.3 | 654   | 62.5 | 675    | 66.5 | 696   | 70.8 |       |      |
| 35400 | 3800         | 538    | 44.6 | 551    | 46.6 | 564   | 48.6 | 588    | 52.3 | 611   | 56.1 | 633    | 60.3 | 655   | 64.4 | 676    | 68.6 | 697   | 72.8 | 738   | 81.7 |
| 36300 | 3900         | 540    | 46.4 | 552    | 48.3 | 565   | 50.4 | 590    | 54.3 | 613   | 58.2 | 635    | 62.1 | 656   | 66.5 | 677    | 70.8 | 698   | 75.0 | 738   | 84.0 |
| 37200 | 4000         | 542    | 48.3 | 554    | 50.2 | 567   | 52.2 | 591    | 56.3 | 614   | 60.2 | 637    | 64.3 | 658   | 68.5 | 679    | 72.9 | 699   | 77.3 | 739   | 86.3 |
| 38200 | 4100         | 545    | 50.3 | 557    | 52.2 | 569   | 54.1 | 593    | 58.3 | 616   | 62.5 | 638    | 66.5 | 660   | 70.6 | 680    | 75.1 | 700   | 79.6 | 740   | 88.5 |
| 39100 | 4200         | 548    | 52.3 | 559    | 54.2 | 571   | 56.2 | 594    | 60.3 | 618   | 64.6 | 640    | 68.8 | 662   | 73.1 | 682    | 77.2 | 702   | 82.0 | 741   | 91.2 |
| 40000 | 4300         | 550    | 54.4 | 562    | 56.4 | 574   | 58.4 | 596    | 62.4 | 619   | 66.8 | 642    | 71.2 | 663   | 75.3 | 684    | 79.8 | 704   | 84.2 | 742   | 93.7 |
| 41000 | 4400         | 553    | 56.6 | 565    | 58.6 | 577   | 60.7 | 599    | 64.8 | 621   | 68.9 | 644    | 73.6 | 665   | 78.0 | 686    | 82.3 | 706   | 86.8 | 744   | 96.3 |
| 41900 | 4500         | 556    | 58.6 | 568    | 60.9 | 579   | 62.9 | 601    | 67.1 | 623   | 71.4 | 645    | 75.9 | 667   | 80.6 | 687    | 85.0 | 707   | 89.5 | 745   | 99.0 |
| 42800 | 4600         | 560    | 61.0 | 571    | 63.1 | 582   | 65.3 | 604    | 69.7 | 626   | 73.9 | 647    | 78.2 | 668   | 83.1 | 689    | 87.8 | 709   | 92.1 | 747   | 101  |
| 43800 | 3700         | 563    | 63.4 | 574    | 65.5 | 585   | 67.7 | 607    | 72.1 | 628   | 76.4 | 649    | 80.9 | 670   | 85.6 | 691    | 90.5 | 711   | 95.2 | 749   | 104  |
| 44700 | 4800         | 567    | 65.9 | 578    | 68.1 | 588   | 70.2 | 610    | 74.7 | 631   | 79.3 | 652    | 83.7 | 671   | 88.1 | 692    | 93.2 | 713   | 98.1 | 751   | 107  |
| 45600 | 4900         | 570    | 68.6 | 581    | 70.6 | 592   | 72.9 | 613    | 77.3 | 634   | 82.0 | 654    | 86.4 | 674   | 91.1 | 694    | 95.9 | 714   | 101  | 752   | 110  |
| 46500 | 5000         | 573    | 71.2 | 584    | 73.4 | 595   | 75.5 | 615    | 79.9 | 637   | 84.8 | 657    | 89.5 | 677   | 94.1 | 696    | 98.7 | 716   | 103  | 754   | 111  |



# SIZE 445

SINGLE WIDTH  
SINGLE INLET

# CENTRIFUGAL FAN TYPE F

WHEEL DIA. 44 1/2"

OUTLET AREA 11.38 SQ FT

| CFM   | O. V.<br>FPM | 1/4" SP |      | 3/8" SP |      | 1/2" SP |      | 5/8" SP |      | 3/4" SP |      | 7/8" SP |       | 1" SP |       | 1 1/4" SP |       | 1 1/2" SP |       | 1 3/4" SP |       |
|-------|--------------|---------|------|---------|------|---------|------|---------|------|---------|------|---------|-------|-------|-------|-----------|-------|-----------|-------|-----------|-------|
|       |              | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM     | BHP   | RPM   | BHP   | RPM       | BHP   | RPM       | BHP   | RPM       | BHP   |
| 10241 | 900          | 115     | .72  | 137     | 1.00 | 157     | 1.31 | 176     | 1.82 | 193     | 2.41 | 208     | 3.06  | 223   | 4.13  | 249       | 5.49  | 273       | 7.02  | 294       | 8.68  |
| 11379 | 1000         | 117     | .85  | 139     | 1.15 | 158     | 1.48 | 177     | 2.02 | 193     | 2.65 | 209     | 3.35  | 225   | 4.48  | 251       | 5.84  | 275       | 7.17  | 296       | 8.84  |
| 12517 | 1100         | 120     | 1.00 | 140     | 1.32 | 160     | 1.66 | 177     | 2.24 | 193     | 2.91 | 209     | 3.61  | 225   | 4.87  | 251       | 6.31  | 275       | 7.74  | 296       | 9.41  |
| 13655 | 1200         | 123     | 1.18 | 143     | 1.51 | 161     | 1.87 | 178     | 2.42 | 193     | 3.18 | 209     | 3.98  | 225   | 5.31  | 251       | 6.86  | 275       | 8.33  | 296       | 10.00 |
| 14793 | 1300         | 126     | 1.38 | 145     | 1.72 | 163     | 2.10 | 179     | 2.50 | 195     | 3.29 | 209     | 4.19  | 225   | 5.75  | 251       | 7.41  | 275       | 8.98  | 296       | 10.68 |
| 15931 | 1400         | 130     | 1.61 | 148     | 1.97 | 165     | 2.37 | 181     | 2.78 | 196     | 3.61 | 210     | 4.51  | 225   | 6.17  | 251       | 7.93  | 275       | 9.50  | 296       | 11.36 |
| 17069 | 1500         | 133     | 1.89 | 151     | 2.25 | 168     | 2.65 | 183     | 3.08 | 198     | 3.98 | 212     | 4.98  | 225   | 6.75  | 251       | 8.61  | 275       | 10.18 | 296       | 12.04 |
| 18207 | 1600         | 137     | 2.19 | 155     | 2.56 | 171     | 2.98 | 185     | 3.43 | 199     | 4.38 | 213     | 5.48  | 226   | 7.38  | 258       | 9.28  | 279       | 10.96 | 299       | 12.72 |
| 19345 | 1700         | 142     | 2.53 | 158     | 2.91 | 174     | 3.35 | 188     | 3.80 | 202     | 4.79 | 215     | 5.99  | 228   | 8.11  | 261       | 10.28 | 281       | 11.96 | 301       | 13.40 |
| 20483 | 1800         | 146     | 2.91 | 162     | 3.30 | 177     | 3.74 | 191     | 4.22 | 204     | 5.22 | 217     | 6.52  | 229   | 8.75  | 263       | 11.18 | 283       | 12.84 | 303       | 14.08 |
| 21621 | 1900         | 151     | 3.32 | 166     | 3.74 | 180     | 4.18 | 194     | 4.67 | 207     | 5.67 | 220     | 7.07  | 231   | 9.25  | 265       | 12.10 | 285       | 13.78 | 305       | 14.76 |
| 22759 | 2000         | 155     | 3.77 | 170     | 4.21 | 184     | 4.67 | 197     | 5.16 | 210     | 6.16 | 222     | 7.66  | 234   | 10.11 | 268       | 13.01 | 288       | 14.69 | 308       | 15.64 |
| 23897 | 2100         | 161     | 4.25 | 174     | 4.74 | 188     | 5.21 | 201     | 5.70 | 213     | 6.70 | 225     | 8.20  | 236   | 11.01 | 269       | 13.91 | 289       | 15.59 | 309       | 16.52 |
| 25035 | 2200         | 166     | 4.78 | 179     | 5.32 | 191     | 5.79 | 204     | 6.29 | 217     | 7.29 | 228     | 8.79  | 240   | 12.01 | 271       | 14.81 | 291       | 16.51 | 311       | 17.20 |
| 26173 | 2300         | 171     | 5.37 | 183     | 5.93 | 195     | 6.43 | 208     | 6.94 | 220     | 7.94 | 231     | 9.44  | 243   | 13.01 | 273       | 15.81 | 293       | 17.49 | 313       | 17.88 |
| 27311 | 2400         | 176     | 5.97 | 188     | 6.59 | 200     | 7.12 | 212     | 7.66 | 224     | 8.20 | 235     | 9.80  | 246   | 14.01 | 274       | 16.81 | 294       | 18.47 | 314       | 18.76 |
| 28449 | 2500         | 182     | 6.64 | 193     | 7.28 | 204     | 7.86 | 216     | 8.42 | 227     | 8.96 | 238     | 10.46 | 249   | 15.01 | 275       | 17.81 | 295       | 19.45 | 315       | 19.64 |
| 29587 | 2600         | 187     | 7.34 | 198     | 8.05 | 209     | 8.68 | 220     | 9.21 | 231     | 9.81 | 242     | 11.01 | 252   | 16.01 | 276       | 18.81 | 296       | 20.43 | 316       | 20.52 |
| 30725 | 2700         | 193     | 8.08 | 203     | 8.83 | 214     | 9.52 | 224     | 10.1 | 235     | 10.7 | 245     | 12.21 | 256   | 17.01 | 277       | 19.81 | 297       | 21.41 | 317       | 21.40 |
| 31863 | 2800         | 198     | 8.91 | 209     | 9.71 | 219     | 10.4 | 229     | 11.0 | 239     | 11.6 | 249     | 13.21 | 259   | 18.01 | 278       | 20.81 | 298       | 22.39 | 318       | 22.28 |
| 33000 | 2900         | 204     | 9.78 | 214     | 10.6 | 223     | 11.3 | 233     | 12.0 | 243     | 12.6 | 253     | 14.31 | 263   | 19.01 | 282       | 21.81 | 299       | 23.37 | 319       | 23.16 |
| 34100 | 3000         | 209     | 10.6 | 219     | 11.5 | 229     | 12.3 | 238     | 13.1 | 248     | 13.7 | 257     | 15.01 | 266   | 20.01 | 285       | 22.81 | 303       | 24.35 | 320       | 24.04 |
| 35200 | 3100         | 215     | 11.5 | 225     | 12.6 | 234     | 13.4 | 243     | 14.2 | 252     | 14.9 | 261     | 15.5  | 270   | 21.01 | 289       | 23.81 | 306       | 25.33 | 321       | 24.92 |
| 36400 | 3200         | 221     | 12.5 | 230     | 13.6 | 239     | 14.5 | 248     | 15.3 | 257     | 16.1 | 266     | 16.8  | 275   | 22.01 | 292       | 24.81 | 309       | 26.31 | 322       | 25.80 |
| 37500 | 3300         | 227     | 13.5 | 235     | 14.7 | 244     | 15.7 | 253     | 16.5 | 261     | 17.4 | 270     | 18.0  | 279   | 23.01 | 296       | 25.81 | 313       | 27.29 | 323       | 26.68 |

| CFM   | O. V.<br>FPM | 2" SP |      | 2 1/4" SP |      | 2 1/2" SP |      | 2 3/4" SP |      | 3" SP |      | 3 1/4" SP |      | 3 1/2" SP |      | 3 3/4" SP |      | 4" SP |      | 4 1/4" SP |      |
|-------|--------------|-------|------|-----------|------|-----------|------|-----------|------|-------|------|-----------|------|-----------|------|-----------|------|-------|------|-----------|------|
|       |              | RPM   | BHP  | RPM       | BHP  | RPM       | BHP  | RPM       | BHP  | RPM   | BHP  | RPM       | BHP  | RPM       | BHP  | RPM       | BHP  | RPM   | BHP  | RPM       | BHP  |
| 23897 | 2100         | 317   | 12.5 | 335       | 13.9 | 352       | 15.3 | 369       | 16.8 | 385   | 19.2 | 401       | 21.8 | 416       | 24.5 | 431       | 27.3 | 445   | 30.3 | 459       | 33.5 |
| 25035 | 2200         | 319   | 13.2 | 336       | 14.7 | 353       | 16.1 | 369       | 17.7 | 385   | 20.1 | 402       | 22.8 | 417       | 25.6 | 432       | 28.4 | 446   | 31.6 | 460       | 34.8 |
| 26173 | 2300         | 321   | 14.0 | 338       | 15.4 | 354       | 17.0 | 370       | 18.6 | 386   | 21.1 | 402       | 23.8 | 417       | 26.6 | 432       | 29.4 | 446   | 32.6 | 460       | 35.8 |
| 27311 | 2400         | 322   | 14.9 | 339       | 16.4 | 356       | 17.9 | 371       | 19.5 | 387   | 22.2 | 403       | 24.8 | 418       | 27.6 | 433       | 30.4 | 447   | 33.6 | 461       | 36.8 |
| 28449 | 2500         | 324   | 15.8 | 341       | 17.4 | 357       | 18.9 | 373       | 20.5 | 388   | 23.2 | 403       | 25.8 | 418       | 28.6 | 433       | 31.4 | 447   | 34.6 | 461       | 37.8 |
| 29587 | 2600         | 325   | 16.7 | 343       | 18.4 | 359       | 19.9 | 374       | 21.6 | 389   | 24.2 | 404       | 26.8 | 418       | 29.6 | 433       | 32.4 | 447   | 35.6 | 461       | 38.8 |
| 30725 | 2700         | 328   | 17.8 | 344       | 19.3 | 361       | 21.1 | 376       | 22.7 | 391   | 25.4 | 405       | 27.8 | 419       | 30.6 | 434       | 33.4 | 448   | 36.6 | 462       | 39.8 |
| 31863 | 2800         | 330   | 18.9 | 346       | 20.5 | 362       | 22.2 | 378       | 23.9 | 392   | 26.6 | 407       | 29.0 | 420       | 31.8 | 434       | 34.4 | 448   | 37.6 | 462       | 40.8 |
| 33000 | 2900         | 333   | 20.0 | 348       | 21.7 | 364       | 23.3 | 379       | 25.2 | 394   | 27.9 | 408       | 30.2 | 422       | 33.0 | 435       | 35.4 | 449   | 38.6 | 463       | 41.8 |
| 34100 | 3000         | 335   | 21.2 | 351       | 22.9 | 366       | 24.6 | 380       | 26.3 | 396   | 28.3 | 410       | 31.0 | 424       | 34.0 | 437       | 36.4 | 449   | 39.6 | 463       | 42.8 |
| 35200 | 3100         | 338   | 22.5 | 353       | 24.2 | 368       | 26.0 | 383       | 27.8 | 397   | 29.6 | 411       | 31.6 | 425       | 35.0 | 438       | 37.4 | 451   | 40.6 | 463       | 43.8 |
| 36400 | 3200         | 342   | 23.8 | 356       | 25.5 | 371       | 27.4 | 385       | 29.2 | 399   | 31.0 | 413       | 33.0 | 427       | 36.0 | 440       | 38.4 | 453   | 41.6 | 465       | 44.8 |
| 37500 | 3300         | 344   | 25.2 | 359       | 27.0 | 373       | 28.8 | 388       | 30.7 | 401   | 32.6 | 414       | 34.5 | 428       | 37.0 | 442       | 39.4 | 454   | 42.6 | 466       | 45.8 |
| 38600 | 3400         | 347   | 26.7 | 363       | 28.5 | 376       | 30.3 | 390       | 32.3 | 404   | 34.3 | 417       | 36.2 | 429       | 38.1 | 443       | 40.3 | 456   | 43.6 | 468       | 46.8 |
| 39800 | 3500         | 351   | 28.2 | 365       | 30.1 | 380       | 32.0 | 393       | 33.9 | 406   | 35.9 | 419       | 37.9 | 432       | 39.9 | 444       | 41.3 | 457   | 44.6 | 469       | 47.8 |
| 40900 | 3600         | 354   | 29.9 | 368       | 31.8 | 383       | 33.7 | 396       | 35.6 | 409   | 37.7 | 422       | 39.7 | 434       | 41.7 | 446       | 43.3 | 459   | 45.6 | 471       | 48.8 |
| 42100 | 3700         | 357   | 31.6 | 372       | 33.5 | 385       | 35.5 | 399       | 37.4 | 411   | 39.4 | 424       | 41.6 | 437       | 43.7 | 449       | 45.3 | 461   | 47.3 | 473       | 50.1 |
| 43200 | 3800         | 361   | 33.4 | 375       | 35.3 | 388       | 37.3 | 402       | 39.4 | 415   | 41.4 | 427       | 43.5 | 439       | 45.7 | 451       | 47.3 | 463   | 49.3 | 475       | 52.2 |
| 44300 | 3900         | 364   | 35.3 | 378       | 37.2 | 392       | 39.2 | 405       | 41.3 | 418   | 43.3 | 430       | 45.5 | 442       | 47.7 | 454       | 49.3 | 465   | 51.3 | 477       | 54.4 |
| 45500 | 4000         | 368   | 37.3 | 381       | 39.2 | 395       | 41.3 | 408       | 43.4 | 421   | 45.5 | 433       | 47.6 | 444       | 49.7 | 456       | 51.3 | 468   | 53.4 | 479       | 56.7 |

| CFM   | O. V.<br>FPM | 4 1/2" SP |      | 4 3/4" SP |      | 5" SP |      | 5 1/2" SP |      | 6" SP |      | 6 1/2" SP |      | 7" SP |      | 7 1/2" SP |      | 8" SP |      | 9" SP |      |
|-------|--------------|-----------|------|-----------|------|-------|------|-----------|------|-------|------|-----------|------|-------|------|-----------|------|-------|------|-------|------|
|       |              | RPM       | BHP  | RPM       | BHP  | RPM   | BHP  | RPM       | BHP  | RPM   | BHP  | RPM       | BHP  | RPM   | BHP  | RPM       | BHP  | RPM   | BHP  | RPM   | BHP  |
| 35200 | 3100         | 475       | 41.4 | 487       | 43.5 | 499   | 45.5 | 522       | 49.8 | 545   | 54.2 |           |      |       |      |           |      |       |      |       |      |
| 36400 | 3200         | 477       | 43.0 | 489       | 45.1 | 500   | 47.3 | 523       | 51.5 | 545   | 56.1 |           |      |       |      |           |      |       |      |       |      |
| 37500 | 3300         | 479       | 44.7 | 490       | 46.8 | 502   | 49.1 | 524       | 53.5 | 546   | 57.9 | 567       | 62.6 |       |      |           |      |       |      |       |      |
| 38600 | 3400         | 480       | 46.5 | 492       | 48.6 | 503   | 50.8 | 525       | 55.4 | 547   | 60.0 | 568       | 64.6 | 589   | 69.4 |           |      |       |      |       |      |
| 39800 | 3500         | 482       | 48.5 | 493       | 50.8 | 505   | 52.8 | 527       | 57.4 | 548   | 62.1 | 569       | 66.7 | 589   | 71.6 | 609       | 76.5 |       |      |       |      |
| 40900 | 3600         | 483       | 50.5 | 495       | 52.7 | 506   | 54.8 | 528       | 59.2 | 549   | 64.2 | 570       | 69.0 | 590   | 73.7 | 610       | 78.9 | 629   | 84.0 |       |      |
| 42100 | 3700         | 485       | 52.5 | 497       | 54.8 | 508   | 57.0 | 530       | 61.6 | 551   | 66.3 | 571       | 71.2 | 591   | 76.3 | 611       | 81.2 | 630   | 86.5 |       |      |
| 43200 | 3800         | 486       | 54.5 | 498       | 56.9 | 510   | 59.3 | 532       | 63.8 | 552   | 68.5 | 573       | 73.6 | 592   | 78.7 | 612       | 83.8 | 631   | 88.9 | 668   | 99.8 |
| 44300 | 3900         | 488       | 56.6 | 499       | 59.0 | 511   | 61.5 | 533       | 66.3 | 554   | 71.0 | 574       | 75.8 | 594   | 81.2 | 613       | 86.4 | 631   | 91.6 | 668   | 102  |
| 45500 | 4000         | 490       | 58.9 | 501       | 61.2 | 512   | 63.7 | 535       | 68.7 | 556   | 73.5 | 576       | 78.5 | 595   | 83.6 | 614       | 89.0 | 632   | 94.4 | 669   | 105  |
| 46600 | 4100         | 490       | 61.3 | 504       | 63.7 | 514   | 66.0 | 536       | 71.2 | 557   | 76.3 | 577       | 81.2 | 597   | 86.2 | 615       | 91.7 | 633   | 97.1 | 669   | 108  |
| 47700 | 4200         | 495       | 63.9 | 506       | 66.2 | 517   | 68.6 | 537       | 73.6 | 559   | 78.9 | 579       | 84.0 | 598   | 89.2 | 617       | 94.3 | 635   | 100  | 670   | 111  |
| 48900 | 4300         | 498       | 66.4 | 509       | 68.8 | 519   | 71.2 | 539       | 76.2 | 560   | 81.6 | 581       | 87.0 | 600   | 92.0 | 619       | 97.4 | 637   | 102  | 671   | 114  |
| 50000 | 4400         | 500       | 69.0 | 511       | 71.5 | 521   | 74.1 | 542       | 79.1 | 562   | 84.2 | 582       | 89.8 | 601   | 95.2 | 620       | 100  | 638   | 105  | 673   | 117  |
| 51200 | 4500         | 503       | 71.6 | 514       | 74.3 | 524   | 76.3 | 544       | 81.8 | 563   | 87.1 | 583       | 92.7 | 603   | 98.3 | 622       | 103  | 640   | 109  | 674   | 120  |
| 52300 | 4600         | 506       | 74.5 | 516       | 77.0 | 526   | 79.7 | 546       | 85.0 | 566   | 90.2 | 585       | 95.5 | 605   | 101  | 623       | 107  | 641   | 112  | 676   | 123  |
| 53400 | 4700         | 509       | 77.4 | 519       | 80.0 | 529   | 82.6 | 549       | 88.0 | 569   | 93.3 | 587       | 98.8 | 606   | 104  | 625       | 110  | 643   | 116  | 677   | 127  |
| 54600 | 4800         | 512       | 80.4 | 522       | 83.1 | 532   | 85.4 | 552       | 91.2 | 571   | 96.7 | 589       | 102  | 607   | 107  | 626       | 113  | 645   | 119  | 679   | 131  |
| 55700 | 4900         | 515       | 83.7 | 526       | 86.1 | 535   | 88.9 | 554       | 94.4 | 573   | 100  | 591       | 105  | 610   | 111  | 628       | 117  | 646   | 123  | 681   | 135  |
| 56800 | 5000         | 518       | 86.9 | 528       | 89.1 | 538   | 92.1 | 556       | 97.5 | 576   | 103  | 594       | 109  | 612   | 114  | 629       | 120  | 647   | 126  | 682   | 138  |

CENTRIFUGAL FAN TYPE **F**SIZE **490**SINGLE WIDTH  
SINGLE INLET

WHEEL DIA. 49"

OUTLET AREA 13.81 SQ FT

| CFM   | O. V.<br>FPM | 1/4" SP |      | 3/8" SP |      | 1/2" SP |      | 5/8" SP |      | 3/4" SP |      | 7/8" SP |      | 1" SP |      | 1 1/4" SP |      | 1 1/2" SP |      | 1 3/4" SP |      |
|-------|--------------|---------|------|---------|------|---------|------|---------|------|---------|------|---------|------|-------|------|-----------|------|-----------|------|-----------|------|
|       |              | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM   | BHP  | RPM       | BHP  | RPM       | BHP  | RPM       | BHP  |
| 12428 | 900          | 104     | .87  | 125     | 1.22 | 143     | 1.59 |         |      |         |      |         |      |       |      |           |      |           |      |           |      |
| 13809 | 1000         | 106     | 1.03 | 126     | 1.39 | 144     | 1.79 | 160     | 2.21 |         |      |         |      |       |      |           |      |           |      |           |      |
| 15190 | 1100         | 109     | 1.22 | 128     | 1.60 | 145     | 2.01 | 160     | 2.46 | 175     | 2.92 |         |      |       |      |           |      |           |      |           |      |
| 16571 | 1200         | 112     | 1.43 | 130     | 1.84 | 146     | 2.27 | 162     | 2.72 | 176     | 3.21 | 189     | 3.72 |       |      |           |      |           |      |           |      |
| 17952 | 1300         | 114     | 1.68 | 132     | 2.09 | 148     | 2.55 | 163     | 3.03 | 177     | 3.53 | 190     | 4.06 | 202   | 4.61 |           |      |           |      |           |      |
| 19333 | 1400         | 118     | 1.96 | 135     | 2.40 | 150     | 2.87 | 164     | 3.37 | 178     | 3.89 | 191     | 4.44 | 203   | 5.01 | 226       | 6.20 |           |      |           |      |
| 20714 | 1500         | 121     | 2.29 | 137     | 2.74 | 152     | 3.22 | 166     | 3.74 | 180     | 4.30 | 192     | 4.85 | 204   | 5.43 | 226       | 6.66 |           |      |           |      |
| 22095 | 1600         | 125     | 2.66 | 140     | 3.11 | 155     | 3.62 | 168     | 4.16 | 181     | 4.72 | 194     | 5.32 | 206   | 5.91 | 227       | 7.18 | 248       | 8.52 |           |      |
| 23476 | 1700         | 129     | 3.07 | 144     | 3.53 | 158     | 4.06 | 171     | 4.61 | 183     | 5.21 | 195     | 5.79 | 207   | 6.44 | 229       | 7.71 | 248       | 9.10 | 267       | 10.5 |
| 24857 | 1800         | 133     | 3.54 | 147     | 4.01 | 161     | 4.55 | 174     | 5.12 | 186     | 5.72 | 197     | 6.34 | 208   | 6.97 | 230       | 8.33 | 249       | 9.74 | 268       | 11.1 |
| 26238 | 1900         | 137     | 4.04 | 150     | 4.54 | 164     | 5.08 | 176     | 5.68 | 188     | 6.29 | 199     | 6.94 | 210   | 7.59 | 231       | 9.00 | 251       | 10.4 | 269       | 11.9 |
| 27619 | 2000         | 141     | 4.58 | 154     | 5.12 | 167     | 5.67 | 179     | 6.27 | 191     | 6.92 | 202     | 7.56 | 213   | 8.27 | 233       | 9.67 | 252       | 11.1 | 270       | 12.7 |
| 29000 | 2100         | 146     | 5.18 | 158     | 5.76 | 170     | 6.33 | 182     | 6.93 | 194     | 7.59 | 205     | 8.25 | 215   | 8.96 | 235       | 10.4 | 254       | 11.9 | 272       | 13.5 |
| 30381 | 2200         | 151     | 5.81 | 162     | 6.46 | 174     | 7.04 | 186     | 7.64 | 197     | 8.31 | 207     | 9.02 | 218   | 9.73 | 237       | 11.2 | 255       | 12.7 | 273       | 14.4 |
| 31762 | 2300         | 155     | 6.52 | 167     | 7.21 | 178     | 7.81 | 189     | 8.44 | 200     | 9.10 | 210     | 9.82 | 220   | 10.5 | 239       | 12.1 | 257       | 13.7 | 275       | 15.4 |
| 33100 | 2400         | 160     | 7.26 | 171     | 8.01 | 182     | 8.65 | 192     | 9.31 | 203     | 9.96 | 213     | 10.6 | 223   | 11.4 | 241       | 13.0 | 259       | 14.6 | 276       | 16.3 |
| 34500 | 2500         | 165     | 8.07 | 175     | 8.84 | 186     | 9.55 | 196     | 10.2 | 206     | 10.9 | 216     | 11.6 | 226   | 12.3 | 245       | 13.9 | 261       | 15.7 | 278       | 17.4 |
| 35900 | 2600         | 170     | 8.92 | 180     | 9.78 | 190     | 10.5 | 200     | 11.1 | 210     | 11.9 | 220     | 12.6 | 229   | 13.4 | 247       | 15.0 | 264       | 16.7 | 280       | 18.6 |
| 37200 | 2700         | 175     | 9.82 | 185     | 10.7 | 194     | 11.5 | 204     | 12.2 | 213     | 13.0 | 223     | 13.7 | 232   | 14.5 | 250       | 16.2 | 267       | 17.9 | 282       | 19.7 |
| 38600 | 2800         | 180     | 10.8 | 190     | 11.8 | 199     | 12.6 | 208     | 13.4 | 217     | 14.1 | 226     | 14.9 | 235   | 15.6 | 253       | 17.3 | 270       | 19.1 | 285       | 21.0 |
| 40000 | 2900         | 185     | 11.8 | 194     | 12.8 | 203     | 13.7 | 212     | 14.6 | 221     | 15.3 | 230     | 16.1 | 239   | 16.9 | 256       | 18.6 | 272       | 20.4 | 288       | 22.3 |
| 41400 | 3000         | 190     | 12.9 | 199     | 14.0 | 208     | 15.0 | 216     | 15.9 | 225     | 16.7 | 234     | 17.5 | 242   | 18.3 | 259       | 20.0 | 275       | 21.8 | 290       | 23.8 |
| 42800 | 3100         | 196     | 14.0 | 204     | 15.3 | 212     | 16.2 | 221     | 17.2 | 229     | 18.1 | 237     | 18.8 | 246   | 19.7 | 262       | 21.4 | 278       | 23.3 | 293       | 25.3 |
| 44100 | 3200         | 201     | 15.2 | 209     | 16.6 | 217     | 17.6 | 225     | 18.6 | 233     | 19.6 | 241     | 20.4 | 249   | 21.2 | 265       | 23.0 | 281       | 24.8 | 296       | 26.9 |
| 45500 | 3300         | 206     | 16.4 | 214     | 17.9 | 222     | 19.1 | 230     | 20.1 | 238     | 21.1 | 245     | 21.9 | 253   | 22.8 | 269       | 24.6 | 284       | 26.5 | 299       | 28.5 |

| CFM   | O. V.<br>FPM | 2" SP |      | 2 1/4" SP |      | 2 1/2" SP |      | 2 3/4" SP |      | 3" SP |      | 3 1/4" SP |      | 3 1/2" SP |      | 3 3/4" SP |      | 4" SP |      | 4 1/4" SP |      |
|-------|--------------|-------|------|-----------|------|-----------|------|-----------|------|-------|------|-----------|------|-----------|------|-----------|------|-------|------|-----------|------|
|       |              | RPM   | BHP  | RPM       | BHP  | RPM       | BHP  | RPM       | BHP  | RPM   | BHP  | RPM       | BHP  | RPM       | BHP  | RPM       | BHP  | RPM   | BHP  | RPM       | BHP  |
| 29000 | 2100         | 288   | 15.1 | 304       | 16.9 | 320       | 18.6 | 335       | 20.4 |       |      |           |      |           |      |           |      |       |      |           |      |
| 30381 | 2200         | 290   | 16.0 | 305       | 17.8 | 321       | 19.6 | 336       | 21.4 | 350   | 23.3 | 365       | 25.3 |           |      |           |      |       |      |           |      |
| 31762 | 2300         | 291   | 17.0 | 307       | 18.8 | 322       | 20.7 | 336       | 22.5 | 350   | 24.5 | 364       | 26.4 |           |      |           |      |       |      |           |      |
| 33100 | 2400         | 293   | 18.1 | 308       | 19.9 | 323       | 21.7 | 337       | 23.7 | 351   | 25.7 | 365       | 27.7 | 378       | 29.7 |           |      |       |      |           |      |
| 34500 | 2500         | 294   | 19.2 | 310       | 21.1 | 325       | 22.9 | 339       | 24.9 | 352   | 26.9 | 366       | 29.0 | 379       | 31.0 | 391       | 33.2 |       |      |           |      |
| 35900 | 2600         | 296   | 20.3 | 311       | 22.3 | 326       | 24.2 | 340       | 26.2 | 354   | 28.2 | 366       | 30.3 | 379       | 32.5 | 392       | 34.6 | 404   | 36.8 |           |      |
| 37200 | 2700         | 298   | 21.6 | 312       | 23.5 | 327       | 25.6 | 342       | 27.5 | 355   | 29.6 | 368       | 31.7 | 380       | 33.9 | 393       | 36.1 | 405   | 38.3 | 417       | 40.7 |
| 38600 | 2800         | 300   | 23.0 | 314       | 24.9 | 329       | 26.9 | 343       | 29.1 | 356   | 31.1 | 369       | 33.2 | 382       | 35.4 | 394       | 37.7 | 406   | 40.0 | 418       | 42.2 |
| 40000 | 2900         | 302   | 24.3 | 316       | 26.3 | 330       | 28.3 | 344       | 30.5 | 358   | 32.7 | 371       | 34.8 | 383       | 37.0 | 395       | 39.3 | 407   | 41.7 | 418       | 44.1 |
| 41400 | 3000         | 304   | 25.7 | 319       | 27.9 | 332       | 29.9 | 346       | 32.0 | 359   | 34.3 | 372       | 36.6 | 385       | 38.8 | 397       | 41.0 | 408   | 43.4 | 419       | 45.8 |
| 42800 | 3100         | 307   | 27.3 | 321       | 29.4 | 335       | 31.6 | 348       | 33.7 | 361   | 35.9 | 374       | 38.3 | 386       | 40.6 | 398       | 42.9 | 410   | 45.2 | 421       | 47.7 |
| 44100 | 3200         | 310   | 28.9 | 323       | 31.0 | 337       | 33.3 | 350       | 35.5 | 362   | 37.7 | 375       | 40.1 | 388       | 42.5 | 400       | 44.9 | 411   | 47.2 | 422       | 49.6 |
| 45500 | 3300         | 313   | 30.7 | 326       | 32.8 | 339       | 35.0 | 352       | 37.3 | 364   | 39.6 | 376       | 41.9 | 389       | 44.4 | 401       | 46.9 | 413   | 49.3 | 424       | 51.8 |
| 46900 | 3400         | 316   | 32.5 | 329       | 34.6 | 342       | 36.9 | 354       | 39.2 | 367   | 41.6 | 379       | 43.9 | 390       | 46.3 | 402       | 48.9 | 414   | 51.5 | 425       | 54.0 |
| 48300 | 3500         | 319   | 34.3 | 332       | 36.6 | 345       | 38.8 | 357       | 41.2 | 369   | 43.6 | 381       | 46.1 | 392       | 48.5 | 403       | 50.9 | 415   | 53.7 | 427       | 56.3 |
| 49700 | 3600         | 321   | 36.3 | 335       | 38.6 | 348       | 40.9 | 359       | 43.3 | 371   | 45.8 | 383       | 48.3 | 394       | 50.7 | 406       | 53.2 | 417   | 55.7 | 428       | 58.6 |
| 51000 | 3700         | 324   | 38.4 | 337       | 40.7 | 350       | 43.1 | 362       | 45.4 | 374   | 47.9 | 385       | 50.5 | 397       | 53.1 | 408       | 55.5 | 418   | 58.2 | 429       | 60.8 |
| 52400 | 3800         | 328   | 40.6 | 340       | 42.9 | 353       | 45.4 | 365       | 47.8 | 377   | 50.3 | 388       | 52.8 | 399       | 55.5 | 410       | 58.1 | 420   | 60.7 | 431       | 63.4 |
| 53800 | 3900         | 331   | 42.9 | 343       | 45.2 | 356       | 47.7 | 368       | 50.2 | 380   | 52.6 | 390       | 55.3 | 401       | 57.9 | 412       | 60.6 | 423   | 63.4 | 433       | 66.0 |
| 55200 | 4000         | 334   | 45.4 | 347       | 47.7 | 359       | 50.1 | 370       | 52.7 | 382   | 55.3 | 393       | 57.8 | 404       | 60.4 | 414       | 63.3 | 425   | 66.1 | 435       | 68.8 |

| CFM   | O. V.<br>FPM | 4 1/2" SP |      | 4 3/4" SP |      | 5" SP |      | 5 1/2" SP |      | 6" SP |      | 6 1/2" SP |      | 7" SP |      | 7 1/2" SP |      | 8" SP |     | 9" SP |     |
|-------|--------------|-----------|------|-----------|------|-------|------|-----------|------|-------|------|-----------|------|-------|------|-----------|------|-------|-----|-------|-----|
|       |              | RPM       | BHP  | RPM       | BHP  | RPM   | BHP  | RPM       | BHP  | RPM   | BHP  | RPM       | BHP  | RPM   | BHP  | RPM       | BHP  | RPM   | BHP | RPM   | BHP |
| 42800 | 3100         | 432       | 50.2 | 443       | 52.8 | 453   | 55.3 | 474       | 60.5 |       |      |           |      |       |      |           |      |       |     |       |     |
| 44100 | 3200         | 433       | 52.2 | 444       | 54.8 | 454   | 57.4 | 475       | 62.5 | 495   | 68.1 |           |      |       |      |           |      |       |     |       |     |
| 45500 | 3300         | 435       | 54.2 | 445       | 56.8 | 456   | 59.5 | 476       | 64.9 | 496   | 70.3 | 515       | 76.0 |       |      |           |      |       |     |       |     |
| 46900 | 3400         | 436       | 56.5 | 447       | 59.1 | 457   | 61.7 | 477       | 67.2 | 497   | 72.8 | 516       | 78.5 | 535   | 84.3 |           |      |       |     |       |     |
| 48300 | 3500         | 438       | 58.9 | 448       | 61.4 | 459   | 64.1 | 478       | 69.6 | 498   | 75.3 | 517       | 81.0 | 535   | 87.0 | 553       | 92.9 |       |     |       |     |
| 49700 | 3600         | 439       | 61.3 | 450       | 64.0 | 460   | 66.6 | 480       | 71.9 | 499   | 77.9 | 518       | 83.8 | 536   | 89.5 | 554       | 95.8 |       |     |       |     |
| 51000 | 3700         | 440       | 63.7 | 451       | 66.5 | 461   | 69.3 | 481       | 74.8 | 500   | 80.5 | 519       | 86.5 | 537   | 92.6 | 555       | 98.5 | 572   | 105 |       |     |
| 52400 | 3800         | 442       | 66.1 | 452       | 69.1 | 463   | 72.0 | 483       | 77.5 | 502   | 83.2 | 520       | 89.3 | 538   | 95.5 | 555       | 101  | 573   | 107 | 606   | 121 |
| 53800 | 3900         | 443       | 68.8 | 454       | 71.6 | 464   | 74.7 | 484       | 80.5 | 503   | 86.3 | 521       | 92.0 | 539   | 98.5 | 556       | 104  | 573   | 111 | 607   | 124 |
| 55200 | 4000         | 445       | 71.6 | 455       | 74.4 | 465   | 77.3 | 486       | 83.5 | 505   | 89.2 | 523       | 95.3 | 540   | 101  | 557       | 108  | 574   | 114 | 607   | 127 |
| 56600 | 4100         | 448       | 74.5 | 457       | 77.4 | 467   | 80.2 | 487       | 86.4 | 506   | 92.6 | 524       | 98.6 | 542   | 104  | 559       | 111  | 575   | 117 | 608   | 131 |
| 58000 | 4200         | 450       | 77.6 | 460       | 80.4 | 469   | 83.3 | 488       | 89.3 | 508   | 95.8 | 526       | 102  | 543   | 108  | 560       | 114  | 577   | 121 | 609   | 135 |
| 59300 | 4300         | 452       | 80.6 | 462       | 83.7 | 471   | 86.5 | 490       | 92.5 | 509   | 99.1 | 527       | 105  | 545   | 111  | 562       | 118  | 578   | 124 | 610   | 138 |
| 60700 | 4400         | 454       | 83.8 | 464       | 86.8 | 474   | 90.0 | 492       | 96.0 | 510   | 102  | 529       | 109  | 546   | 115  | 563       | 122  | 580   | 128 | 611   | 142 |
| 62100 | 4500         | 457       | 86.9 | 466       | 90.2 | 476   | 93.3 | 494       | 99.4 | 512   | 105  | 530       | 112  | 548   | 119  | 565       | 125  | 581   | 132 | 612   | 146 |
| 63500 | 4600         | 460       | 90.5 | 469       | 93.5 | 478   | 96.8 | 496       | 103  | 514   | 109  | 531       | 115  | 549   | 123  | 566       | 130  | 582   | 136 | 614   | 150 |
| 64900 | 4700         | 463       | 94.0 | 471       | 97.1 | 480   | 100  | 499       | 106  | 516   | 113  | 533       | 119  | 550   | 126  | 568       | 134  | 584   | 141 | 615   | 155 |
| 66200 | 4800         | 466       | 97.6 | 474       | 100  | 483   | 104  | 501       | 110  | 518   | 117  | 535       | 124  | 552   | 130  | 569       | 138  | 585   | 145 | 617   | 159 |
| 67600 | 4900         | 468       | 101  | 477       | 104  | 486   | 108  | 503       | 114  | 521   | 121  | 537       | 128  | 554   | 135  | 570       | 142  | 587   | 149 | 618   | 164 |
| 69000 | 5000         | 471       | 105  | 480       | 108  | 489   | 111  | 505       | 118  | 523   | 125  | 540       | 132  | 556   | 139  | 572       | 146  | 588   | 154 | 620   | 169 |



# SIZE 542

SINGLE WIDTH  
SINGLE INLET

# CENTRIFUGAL FAN TYPE F

WHEEL DIA. 54 1/4"

OUTLET AREA 16.92 SQ FT

| CFM   | O. V.<br>FPM | 1/4" SP |      | 3/8" SP |      | 1/2" SP |      | 5/8" SP |      | 3/4" SP |      | 7/8" SP |       | 1" SP |       | 1 1/4" SP |       | 1 1/2" SP |      | 1 3/4" SP |      |
|-------|--------------|---------|------|---------|------|---------|------|---------|------|---------|------|---------|-------|-------|-------|-----------|-------|-----------|------|-----------|------|
|       |              | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM     | BHP   | RPM   | BHP   | RPM       | BHP   | RPM       | BHP  | RPM       | BHP  |
| 15227 | 900          | 94      | 1.07 | 113     | 1.49 | 129     | 1.95 | 144     | 2.71 | 158     | 3.59 | 171     | 4.56  | 183   | 6.13  | 204       | 8.16  | 224       | 10.4 | 241       | 12.9 |
| 16919 | 1000         | 96      | 1.27 | 114     | 1.71 | 130     | 2.19 | 145     | 3.01 | 160     | 3.93 | 173     | 4.98  | 186   | 6.66  | 209       | 8.79  | 228       | 11.1 | 245       | 13.7 |
| 18611 | 1100         | 98      | 1.49 | 115     | 1.96 | 131     | 2.46 | 147     | 3.33 | 162     | 4.25 | 175     | 5.30  | 188   | 7.00  | 211       | 9.13  | 230       | 11.4 | 248       | 14.0 |
| 20303 | 1200         | 101     | 1.75 | 117     | 2.25 | 132     | 2.78 | 148     | 3.72 | 164     | 4.64 | 177     | 5.79  | 190   | 7.59  | 213       | 9.76  | 233       | 11.7 | 250       | 14.4 |
| 21995 | 1300         | 103     | 2.05 | 119     | 2.55 | 133     | 3.12 | 149     | 4.04 | 166     | 4.96 | 179     | 6.11  | 192   | 7.91  | 215       | 10.09 | 235       | 11.9 | 252       | 14.6 |
| 23687 | 1400         | 106     | 2.40 | 122     | 2.94 | 135     | 3.52 | 152     | 4.44 | 169     | 5.36 | 182     | 6.51  | 195   | 8.31  | 218       | 10.48 | 238       | 12.1 | 255       | 14.8 |
| 25379 | 1500         | 109     | 2.81 | 124     | 3.35 | 137     | 3.94 | 155     | 4.86 | 172     | 5.78 | 185     | 6.93  | 198   | 8.68  | 221       | 10.87 | 241       | 12.4 | 258       | 15.0 |
| 27071 | 1600         | 113     | 3.26 | 127     | 3.81 | 140     | 4.43 | 158     | 5.10 | 175     | 6.02 | 188     | 7.17  | 201   | 8.92  | 224       | 11.26 | 244       | 12.7 | 261       | 15.2 |
| 28763 | 1700         | 116     | 3.76 | 130     | 4.33 | 143     | 4.98 | 161     | 5.65 | 178     | 6.57 | 191     | 7.74  | 204   | 9.49  | 227       | 11.65 | 247       | 12.9 | 264       | 15.4 |
| 30455 | 1800         | 120     | 4.33 | 133     | 4.91 | 145     | 5.57 | 163     | 6.27 | 180     | 7.01 | 193     | 8.18  | 206   | 10.00 | 230       | 12.04 | 250       | 13.1 | 267       | 15.6 |
| 32100 | 1900         | 124     | 4.95 | 136     | 5.56 | 148     | 6.23 | 167     | 6.95 | 184     | 7.70 | 197     | 8.87  | 210   | 10.61 | 233       | 12.43 | 253       | 13.4 | 270       | 15.8 |
| 33800 | 2000         | 128     | 5.60 | 139     | 6.27 | 151     | 6.95 | 171     | 7.68 | 188     | 8.47 | 201     | 9.60  | 214   | 11.22 | 236       | 12.82 | 256       | 13.7 | 273       | 16.0 |
| 35500 | 2100         | 132     | 6.34 | 143     | 7.06 | 154     | 7.75 | 175     | 8.48 | 193     | 9.30 | 206     | 10.41 | 218   | 11.83 | 239       | 13.21 | 259       | 14.0 | 276       | 16.2 |
| 37200 | 2200         | 136     | 7.11 | 147     | 7.91 | 157     | 8.62 | 179     | 9.36 | 197     | 10.1 | 210     | 11.22 | 223   | 12.43 | 242       | 13.60 | 262       | 14.3 | 279       | 16.4 |
| 38900 | 2300         | 140     | 7.99 | 150     | 8.83 | 161     | 9.56 | 181     | 10.3 | 200     | 11.1 | 212     | 12.03 | 225   | 13.04 | 245       | 14.00 | 265       | 14.6 | 282       | 16.6 |
| 40600 | 2400         | 145     | 8.88 | 154     | 9.80 | 164     | 10.5 | 186     | 11.4 | 204     | 12.2 | 215     | 12.84 | 228   | 13.65 | 248       | 14.60 | 268       | 14.9 | 285       | 16.8 |
| 42200 | 2500         | 149     | 9.88 | 158     | 10.8 | 168     | 11.6 | 190     | 12.5 | 208     | 13.3 | 219     | 13.65 | 231   | 14.26 | 251       | 15.21 | 271       | 15.2 | 288       | 17.0 |
| 43900 | 2600         | 154     | 10.9 | 163     | 11.9 | 172     | 12.9 | 195     | 13.7 | 211     | 14.6 | 222     | 14.46 | 234   | 14.87 | 254       | 15.62 | 274       | 15.5 | 291       | 17.2 |
| 45600 | 2700         | 158     | 12.0 | 167     | 13.1 | 175     | 14.1 | 199     | 15.0 | 215     | 15.9 | 226     | 15.27 | 238   | 15.48 | 257       | 16.03 | 277       | 15.8 | 294       | 17.4 |
| 47300 | 2800         | 163     | 13.2 | 171     | 14.4 | 179     | 15.4 | 204     | 16.4 | 219     | 17.3 | 230     | 16.08 | 242   | 15.89 | 260       | 16.44 | 280       | 16.1 | 297       | 17.6 |
| 49000 | 2900         | 167     | 14.5 | 175     | 15.7 | 183     | 16.8 | 208     | 17.9 | 222     | 18.8 | 233     | 16.89 | 245   | 16.30 | 263       | 16.85 | 283       | 16.4 | 300       | 17.8 |
| 50700 | 3000         | 172     | 15.8 | 180     | 17.2 | 188     | 18.3 | 212     | 19.4 | 226     | 20.4 | 237     | 17.70 | 248   | 16.71 | 266       | 17.26 | 286       | 16.7 | 303       | 18.0 |
| 52400 | 3100         | 177     | 17.2 | 184     | 18.7 | 192     | 19.9 | 216     | 21.1 | 230     | 22.1 | 241     | 18.51 | 252   | 17.12 | 269       | 17.67 | 289       | 17.0 | 306       | 18.2 |
| 54100 | 3200         | 181     | 18.6 | 189     | 20.3 | 196     | 21.6 | 220     | 22.7 | 234     | 23.0 | 245     | 18.92 | 256   | 17.53 | 272       | 18.08 | 292       | 17.3 | 309       | 18.4 |
| 55800 | 3300         | 186     | 20.1 | 193     | 21.9 | 200     | 23.4 | 224     | 24.6 | 238     | 24.3 | 249     | 19.33 | 260   | 17.94 | 275       | 18.49 | 295       | 17.6 | 312       | 18.6 |

| CFM   | O. V.<br>FPM | 2" SP |      | 2 1/4" SP |      | 2 1/2" SP |      | 2 3/4" SP |      | 3" SP |      | 3 1/4" SP |      | 3 1/2" SP |      | 3 3/4" SP |      | 4" SP |      | 4 1/4" SP |      |
|-------|--------------|-------|------|-----------|------|-----------|------|-----------|------|-------|------|-----------|------|-----------|------|-----------|------|-------|------|-----------|------|
|       |              | RPM   | BHP  | RPM       | BHP  | RPM       | BHP  | RPM       | BHP  | RPM   | BHP  | RPM       | BHP  | RPM       | BHP  | RPM       | BHP  | RPM   | BHP  | RPM       | BHP  |
| 35500 | 2100         | 260   | 18.6 | 275       | 20.7 | 289       | 22.8 | 303       | 25.0 | 316   | 28.6 | 329       | 32.4 | 342       | 36.4 | 354       | 40.7 | 365   | 45.1 | 376       | 47.9 |
| 37200 | 2200         | 262   | 19.7 | 276       | 21.8 | 290       | 24.0 | 304       | 26.3 | 317   | 30.0 | 330       | 33.9 | 343       | 38.0 | 355       | 42.4 | 366   | 47.0 | 377       | 49.8 |
| 38900 | 2300         | 263   | 20.9 | 277       | 23.0 | 291       | 25.3 | 305       | 27.6 | 318   | 31.4 | 331       | 35.3 | 344       | 39.4 | 356       | 43.8 | 367   | 49.0 | 378       | 51.7 |
| 40600 | 2400         | 264   | 22.2 | 278       | 24.4 | 292       | 26.6 | 306       | 29.0 | 319   | 32.8 | 332       | 36.7 | 345       | 40.8 | 357       | 45.2 | 368   | 50.3 | 379       | 53.5 |
| 42200 | 2500         | 266   | 23.5 | 280       | 25.9 | 293       | 28.1 | 308       | 30.5 | 320   | 34.0 | 333       | 38.1 | 347       | 42.5 | 358       | 46.6 | 369   | 51.4 | 380       | 54.8 |
| 43900 | 2600         | 267   | 24.9 | 281       | 27.3 | 294       | 29.7 | 309       | 32.1 | 321   | 35.4 | 334       | 39.5 | 348       | 43.9 | 359       | 48.0 | 370   | 52.5 | 381       | 56.0 |
| 45600 | 2700         | 269   | 26.4 | 282       | 28.8 | 296       | 31.4 | 310       | 33.7 | 322   | 36.8 | 335       | 40.9 | 349       | 45.3 | 360       | 49.4 | 371   | 53.6 | 382       | 57.2 |
| 47300 | 2800         | 271   | 28.1 | 284       | 30.5 | 297       | 33.0 | 311       | 35.6 | 323   | 38.2 | 336       | 42.3 | 350       | 46.7 | 362       | 50.8 | 372   | 54.7 | 383       | 58.9 |
| 49000 | 2900         | 273   | 29.8 | 286       | 32.2 | 298       | 34.7 | 312       | 37.4 | 324   | 40.1 | 337       | 43.7 | 351       | 48.1 | 363       | 52.2 | 373   | 56.1 | 384       | 60.1 |
| 50700 | 3000         | 275   | 31.5 | 288       | 34.1 | 300       | 36.6 | 314       | 39.2 | 325   | 42.1 | 338       | 45.1 | 352       | 49.5 | 364       | 53.6 | 374   | 57.6 | 385       | 61.1 |
| 52400 | 3100         | 278   | 33.4 | 290       | 36.0 | 302       | 38.7 | 316       | 41.3 | 326   | 44.0 | 339       | 46.9 | 354       | 50.9 | 366       | 55.6 | 375   | 59.6 | 386       | 63.1 |
| 54100 | 3200         | 280   | 35.4 | 292       | 38.0 | 304       | 40.7 | 318       | 43.4 | 327   | 46.2 | 340       | 49.1 | 355       | 52.1 | 368       | 57.0 | 376   | 60.6 | 387       | 64.1 |
| 55800 | 3300         | 283   | 37.6 | 295       | 40.2 | 306       | 42.9 | 319       | 45.8 | 329   | 48.5 | 342       | 51.3 | 357       | 54.4 | 369       | 59.1 | 377   | 62.7 | 388       | 66.1 |
| 57500 | 3400         | 285   | 39.8 | 297       | 42.4 | 308       | 45.1 | 320       | 48.1 | 331   | 51.0 | 344       | 53.8 | 359       | 56.7 | 370       | 61.0 | 378   | 64.3 | 389       | 68.1 |
| 59200 | 3500         | 288   | 42.0 | 300       | 44.8 | 311       | 47.6 | 322       | 50.4 | 333   | 53.4 | 346       | 56.4 | 361       | 59.4 | 372       | 63.0 | 379   | 66.5 | 390       | 70.1 |
| 60900 | 3600         | 290   | 44.5 | 302       | 47.3 | 314       | 50.1 | 325       | 53.0 | 335   | 56.1 | 348       | 59.1 | 362       | 61.1 | 373       | 65.2 | 380   | 68.7 | 391       | 72.1 |
| 62600 | 3700         | 293   | 47.0 | 305       | 49.9 | 316       | 52.8 | 327       | 55.7 | 337   | 58.6 | 349       | 61.9 | 364       | 63.1 | 375       | 67.3 | 381   | 70.7 | 392       | 74.1 |
| 64200 | 3800         | 296   | 49.8 | 307       | 52.6 | 319       | 55.6 | 330       | 58.6 | 340   | 61.6 | 350       | 64.7 | 366       | 65.1 | 377       | 69.4 | 382   | 73.3 | 393       | 76.6 |
| 65900 | 3900         | 299   | 52.5 | 310       | 55.4 | 321       | 58.4 | 332       | 61.5 | 343   | 64.4 | 353       | 67.7 | 367       | 67.1 | 378       | 71.6 | 383   | 75.3 | 394       | 78.9 |
| 67600 | 4000         | 302   | 55.5 | 313       | 58.4 | 324       | 61.4 | 335       | 64.6 | 345   | 67.7 | 355       | 70.8 | 368       | 69.1 | 379       | 73.7 | 384   | 78.0 | 395       | 81.9 |

| CFM   | O. V.<br>FPM | 4 1/2" SP |      | 4 3/4" SP |      | 5" SP |      | 5 1/2" SP |      | 6" SP |      | 6 1/2" SP |      | 7" SP |     | 7 1/2" SP |     | 8" SP |     | 9" SP |     |
|-------|--------------|-----------|------|-----------|------|-------|------|-----------|------|-------|------|-----------|------|-------|-----|-----------|-----|-------|-----|-------|-----|
|       |              | RPM       | BHP  | RPM       | BHP  | RPM   | BHP  | RPM       | BHP  | RPM   | BHP  | RPM       | BHP  | RPM   | BHP | RPM       | BHP | RPM   | BHP | RPM   | BHP |
| 52400 | 3100         | 390       | 61.5 | 400       | 64.7 | 410   | 67.7 | 429       | 74.1 | 447   | 80.7 |           |      |       |     |           |     |       |     |       |     |
| 54100 | 3200         | 391       | 63.9 | 401       | 67.1 | 410   | 70.3 | 429       | 76.6 | 447   | 83.4 |           |      |       |     |           |     |       |     |       |     |
| 55800 | 3300         | 393       | 66.4 | 402       | 69.6 | 412   | 73.0 | 430       | 79.6 | 448   | 86.1 | 466       | 93.1 |       |     |           |     |       |     |       |     |
| 57500 | 3400         | 394       | 69.2 | 403       | 72.4 | 413   | 75.6 | 431       | 82.3 | 449   | 89.2 | 466       | 96.1 | 483   | 103 |           |     |       |     |       |     |
| 59200 | 3500         | 395       | 72.1 | 405       | 75.3 | 414   | 78.5 | 432       | 85.3 | 449   | 92.3 | 467       | 99.2 | 484   | 106 | 500       | 113 |       |     |       |     |
| 60900 | 3600         | 397       | 75.1 | 406       | 78.3 | 415   | 81.6 | 433       | 88.1 | 451   | 95.4 | 468       | 102  | 484   | 109 | 500       | 117 | 516   | 124 |       |     |
| 62600 | 3700         | 398       | 78.1 | 407       | 81.5 | 417   | 84.8 | 435       | 91.6 | 452   | 98.6 | 468       | 105  | 485   | 113 | 501       | 120 | 517   | 128 |       |     |
| 64200 | 3800         | 399       | 81.0 | 409       | 84.7 | 418   | 88.2 | 436       | 94.9 | 453   | 101  | 470       | 109  | 486   | 117 | 502       | 124 | 517   | 132 |       |     |
| 65900 | 3900         | 400       | 84.2 | 410       | 87.7 | 419   | 91.5 | 437       | 98.6 | 455   | 105  | 471       | 112  | 487   | 120 | 502       | 128 | 518   | 136 | 548   | 152 |
| 67600 | 4000         | 402       | 87.7 | 411       | 91.1 | 420   | 94.7 | 439       | 102  | 456   | 109  | 472       | 116  | 488   | 124 | 503       | 132 | 519   | 140 | 548   | 156 |
| 69300 | 4100         | 404       | 91.2 | 413       | 94.8 | 422   | 98.2 | 440       | 105  | 457   | 113  | 474       | 120  | 489   | 128 | 505       | 136 | 520   | 144 | 549   | 160 |
| 71000 | 4200         | 406       | 95.0 | 415       | 98.5 | 424   | 102  | 441       | 109  | 458   | 117  | 475       | 124  | 491   | 132 | 506       | 140 | 521   | 148 | 550   | 165 |
| 72700 | 4300         | 408       | 98.7 | 417       | 102  | 426   | 105  | 442       | 113  | 460   | 121  | 476       | 129  | 492   | 136 | 507       | 144 | 522   | 152 | 551   | 170 |
| 74400 | 4400         | 410       | 102  | 419       | 106  | 428   | 110  | 444       | 117  | 461   | 125  | 477       | 133  | 493   | 141 | 509       | 149 | 523   | 157 | 552   | 174 |
| 76100 | 4500         | 412       | 106  | 421       | 110  | 430   | 114  | 446       | 121  | 462   | 129  | 479       | 137  | 495   | 146 | 510       | 154 | 525   | 162 | 553   | 179 |
| 77800 | 4600         | 415       | 110  | 423       | 114  | 432   | 118  | 448       | 126  | 464   | 134  | 480       | 142  | 496   | 150 | 511       | 159 | 526   | 167 | 554   | 184 |
| 79500 | 4700         | 418       | 115  | 426       | 118  | 434   | 122  | 450       | 131  | 466   | 138  | 481       | 146  | 497   | 155 | 513       | 164 | 527   | 172 | 556   | 189 |
| 81200 | 4800         | 420       | 119  | 429       | 123  | 436   | 127  | 452       | 135  | 468   | 143  | 483       | 151  | 498   | 159 | 514       | 169 | 529   | 178 | 557   | 195 |
| 82900 | 4900         | 423       | 124  | 431       | 128  | 439   | 132  | 454       | 140  | 470   | 148  | 485       | 156  | 500   | 165 | 515       | 174 | 530   | 183 | 558   | 200 |
| 84500 | 5000         | 425       | 129  | 434       | 133  | 442   | 137  | 456       | 145  | 472   | 153  | 487       | 162  | 502   | 170 | 516       | 179 | 531   | 188 | 560   | 207 |

CENTRIFUGAL FAN TYPE **F**SIZE **600**SINGLE WIDTH  
SINGLE INLET

WHEEL DIA. 60"

OUTLET AREA 20.71 SQ FT

| CFM   | O. V.<br>FPM | 1/4" SP |      | 3/8" SP |      | 1/2" SP |      | 5/8" SP |      | 3/4" SP |      | 7/8" SP |      | 1" SP |      | 1 1/4" SP |      | 1 1/2" SP |      | 1 3/4" SP |      |
|-------|--------------|---------|------|---------|------|---------|------|---------|------|---------|------|---------|------|-------|------|-----------|------|-----------|------|-----------|------|
|       |              | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM   | BHP  | RPM       | BHP  | RPM       | BHP  | RPM       | BHP  |
| 18638 | 900          | 85      | 1.31 | 102     | 1.83 | 117     | 2.39 | 130     | 3.32 | 143     | 4.38 | 154     | 5.58 | 165   | 6.91 |           |      |           |      |           |      |
| 20709 | 1000         | 87      | 1.55 | 103     | 2.09 | 117     | 2.69 | 130     | 3.32 | 143     | 4.38 | 154     | 5.58 | 165   | 6.91 |           |      |           |      |           |      |
| 22780 | 1100         | 89      | 1.82 | 104     | 2.40 | 118     | 3.02 | 131     | 3.68 | 143     | 4.38 | 154     | 5.58 | 165   | 6.91 |           |      |           |      |           |      |
| 24851 | 1200         | 91      | 2.15 | 106     | 2.75 | 120     | 3.41 | 132     | 4.08 | 143     | 4.38 | 154     | 5.58 | 165   | 6.91 |           |      |           |      |           |      |
| 26922 | 1300         | 93      | 2.52 | 108     | 3.14 | 121     | 3.82 | 133     | 4.55 | 144     | 5.30 | 155     | 6.09 | 166   | 7.51 |           |      |           |      |           |      |
| 28993 | 1400         | 95      | 2.94 | 110     | 3.60 | 122     | 4.31 | 134     | 5.06 | 146     | 5.84 | 156     | 6.65 | 166   | 7.51 | 185       | 9.30 |           |      |           |      |
| 31064 | 1500         | 99      | 3.44 | 112     | 4.10 | 124     | 4.83 | 136     | 5.61 | 147     | 6.44 | 157     | 7.28 | 167   | 8.15 | 185       | 9.99 | 202       | 11.9 |           |      |
| 33100 | 1600         | 102     | 3.99 | 115     | 4.67 | 127     | 5.43 | 138     | 6.24 | 148     | 7.08 | 158     | 7.98 | 168   | 8.86 | 186       | 10.7 | 202       | 12.7 |           |      |
| 35200 | 1700         | 105     | 4.61 | 117     | 5.30 | 129     | 6.10 | 140     | 6.92 | 150     | 7.81 | 159     | 8.68 | 169   | 9.67 | 187       | 11.5 | 203       | 13.6 | 218       | 15.8 |
| 37200 | 1800         | 108     | 5.30 | 120     | 6.01 | 131     | 6.82 | 142     | 7.68 | 152     | 8.59 | 161     | 9.51 | 170   | 10.4 | 188       | 12.4 | 204       | 14.6 | 219       | 16.7 |
| 39300 | 1900         | 112     | 6.06 | 123     | 6.82 | 134     | 7.63 | 144     | 8.51 | 154     | 9.43 | 163     | 10.4 | 172   | 11.3 | 189       | 13.5 | 205       | 15.6 | 220       | 17.9 |
| 41400 | 2000         | 115     | 6.86 | 125     | 7.68 | 136     | 8.51 | 146     | 9.41 | 156     | 10.3 | 165     | 11.3 | 174   | 12.4 | 190       | 14.5 | 205       | 16.7 | 221       | 19.0 |
| 43400 | 2100         | 119     | 7.77 | 129     | 8.64 | 139     | 9.49 | 149     | 10.3 | 158     | 11.3 | 167     | 12.3 | 175   | 13.4 | 192       | 15.6 | 207       | 17.9 | 222       | 20.3 |
| 45500 | 2200         | 123     | 8.72 | 133     | 9.69 | 142     | 10.5 | 152     | 11.4 | 161     | 12.4 | 169     | 13.5 | 178   | 14.6 | 193       | 16.8 | 208       | 19.1 | 223       | 21.6 |
| 47600 | 2300         | 127     | 9.78 | 136     | 10.8 | 145     | 11.7 | 154     | 12.6 | 163     | 13.6 | 172     | 14.7 | 180   | 15.8 | 195       | 18.1 | 210       | 20.5 | 224       | 23.1 |
| 49700 | 2400         | 131     | 10.8 | 140     | 12.0 | 148     | 12.9 | 157     | 13.9 | 166     | 14.9 | 174     | 16.0 | 182   | 17.1 | 197       | 19.5 | 212       | 22.0 | 225       | 24.4 |
| 51700 | 2500         | 135     | 12.1 | 143     | 13.2 | 152     | 14.3 | 160     | 15.3 | 168     | 16.3 | 177     | 17.4 | 185   | 18.5 | 200       | 20.9 | 214       | 23.5 | 227       | 26.1 |
| 53800 | 2600         | 139     | 13.3 | 147     | 14.6 | 155     | 15.8 | 163     | 16.7 | 171     | 17.8 | 179     | 18.9 | 187   | 20.1 | 202       | 22.6 | 215       | 25.1 | 229       | 27.8 |
| 55900 | 2700         | 143     | 14.7 | 151     | 16.1 | 159     | 17.3 | 166     | 18.4 | 174     | 19.5 | 182     | 20.6 | 190   | 21.7 | 204       | 24.3 | 218       | 26.9 | 231       | 29.6 |
| 57900 | 2800         | 147     | 16.2 | 155     | 17.7 | 162     | 18.9 | 170     | 20.1 | 177     | 21.2 | 185     | 22.3 | 192   | 23.5 | 206       | 26.0 | 220       | 28.7 | 232       | 31.5 |
| 60000 | 2900         | 151     | 17.8 | 159     | 19.3 | 166     | 20.6 | 173     | 21.9 | 180     | 23.0 | 188     | 24.2 | 195   | 25.4 | 209       | 27.9 | 222       | 30.7 | 235       | 33.5 |
| 62100 | 3000         | 155     | 19.4 | 163     | 21.0 | 170     | 22.5 | 177     | 23.8 | 184     | 25.0 | 191     | 26.2 | 198   | 27.4 | 211       | 30.0 | 225       | 32.8 | 237       | 35.6 |
| 64200 | 3100         | 160     | 21.1 | 167     | 22.9 | 173     | 24.4 | 180     | 25.8 | 187     | 27.1 | 194     | 28.3 | 201   | 29.6 | 214       | 32.1 | 227       | 35.0 | 239       | 38.0 |
| 66200 | 3200         | 164     | 22.8 | 171     | 24.9 | 177     | 26.5 | 184     | 27.9 | 191     | 29.4 | 197     | 30.6 | 204   | 31.9 | 217       | 34.5 | 229       | 37.3 | 242       | 40.4 |
| 68300 | 3300         | 168     | 24.5 | 175     | 26.9 | 181     | 28.7 | 188     | 30.2 | 194     | 31.7 | 200     | 32.9 | 207   | 34.2 | 219       | 36.9 | 232       | 39.8 | 244       | 42.7 |

| CFM   | O. V.<br>FPM | 2" SP |      | 2 1/4" SP |      | 2 1/2" SP |      | 2 3/4" SP |      | 3" SP |      | 3 1/4" SP |      | 3 1/2" SP |      | 3 3/4" SP |      | 4" SP |      | 4 1/4" SP |      |
|-------|--------------|-------|------|-----------|------|-----------|------|-----------|------|-------|------|-----------|------|-----------|------|-----------|------|-------|------|-----------|------|
|       |              | RPM   | BHP  | RPM       | BHP  | RPM       | BHP  | RPM       | BHP  | RPM   | BHP  | RPM       | BHP  | RPM       | BHP  | RPM       | BHP  | RPM   | BHP  | RPM       | BHP  |
| 43400 | 2100         | 236   | 22.7 | 249       | 25.3 | 261       | 27.9 | 274       | 30.6 | 287   | 33.5 | 298       | 36.7 | 309       | 44.6 |           |      |       |      |           |      |
| 45500 | 2200         | 237   | 24.1 | 249       | 26.7 | 262       | 29.4 | 274       | 32.2 | 287   | 35.0 | 298       | 38.4 | 309       | 46.6 | 320       | 49.8 | 330   | 53.1 |           |      |
| 47600 | 2300         | 238   | 25.6 | 251       | 28.2 | 263       | 31.0 | 275       | 33.8 | 286   | 36.7 | 297       | 39.6 |           |      |           |      |       |      |           |      |
| 49700 | 2400         | 239   | 27.2 | 252       | 29.9 | 264       | 32.6 | 275       | 35.5 | 287   | 38.5 | 298       | 41.5 | 309       | 44.6 |           |      |       |      |           |      |
| 51700 | 2500         | 240   | 28.8 | 253       | 31.7 | 265       | 34.4 | 277       | 37.3 | 288   | 40.4 | 299       | 43.4 | 309       | 46.6 | 320       | 49.8 | 330   | 53.1 |           |      |
| 53800 | 2600         | 241   | 30.5 | 254       | 33.5 | 266       | 36.4 | 278       | 39.3 | 289   | 42.3 | 299       | 45.5 | 310       | 48.7 | 320       | 51.9 | 330   | 55.3 | 340       | 58.7 |
| 55900 | 2700         | 243   | 32.4 | 255       | 35.3 | 267       | 38.4 | 279       | 41.3 | 290   | 44.4 | 300       | 47.6 | 311       | 50.9 | 321       | 54.2 | 331   | 57.5 | 341       | 61.0 |
| 57900 | 2800         | 245   | 34.4 | 257       | 37.3 | 268       | 40.4 | 280       | 43.6 | 291   | 46.6 | 302       | 49.8 | 312       | 53.2 | 322       | 56.5 | 331   | 60.0 | 341       | 63.3 |
| 60000 | 2900         | 247   | 36.5 | 258       | 39.5 | 270       | 42.5 | 281       | 45.8 | 292   | 49.1 | 303       | 52.3 | 313       | 55.5 | 323       | 59.0 | 332   | 62.5 | 342       | 66.1 |
| 62100 | 3000         | 249   | 38.6 | 260       | 41.8 | 271       | 44.9 | 282       | 48.0 | 293   | 51.5 | 304       | 54.9 | 314       | 58.2 | 324       | 61.5 | 333   | 65.2 | 343       | 68.8 |
| 64200 | 3100         | 251   | 41.0 | 262       | 44.2 | 273       | 47.4 | 284       | 50.6 | 294   | 53.9 | 305       | 57.5 | 315       | 61.0 | 325       | 64.4 | 335   | 67.8 | 344       | 71.6 |
| 66200 | 3200         | 253   | 43.4 | 264       | 46.5 | 275       | 49.9 | 286       | 53.2 | 296   | 56.6 | 306       | 60.1 | 317       | 63.8 | 326       | 67.3 | 336   | 70.9 | 345       | 74.4 |
| 68300 | 3300         | 256   | 46.0 | 267       | 49.2 | 277       | 52.6 | 288       | 56.0 | 298   | 59.4 | 307       | 62.8 | 318       | 66.6 | 327       | 70.4 | 337   | 74.0 | 346       | 77.7 |
| 70400 | 3400         | 258   | 48.7 | 269       | 51.9 | 279       | 55.3 | 289       | 58.9 | 299   | 62.4 | 309       | 65.9 | 319       | 69.4 | 329       | 73.4 | 338   | 77.3 | 347       | 81.0 |
| 72400 | 3500         | 260   | 51.5 | 271       | 54.9 | 282       | 58.3 | 291       | 61.7 | 301   | 65.4 | 311       | 69.1 | 320       | 72.7 | 329       | 76.3 | 339   | 80.5 | 348       | 84.5 |
| 74500 | 3600         | 263   | 54.5 | 273       | 58.0 | 284       | 61.4 | 294       | 64.9 | 303   | 68.6 | 313       | 72.4 | 322       | 76.1 | 331       | 79.9 | 340   | 83.6 | 350       | 87.9 |
| 76600 | 3700         | 265   | 57.6 | 276       | 61.1 | 286       | 64.7 | 296       | 68.2 | 305   | 71.8 | 315       | 75.8 | 324       | 79.7 | 333       | 83.3 | 342   | 87.3 | 351       | 91.2 |
| 78600 | 3800         | 268   | 61.0 | 278       | 64.4 | 288       | 68.1 | 298       | 71.7 | 308   | 75.4 | 316       | 79.2 | 326       | 83.2 | 335       | 87.2 | 343   | 91.0 | 352       | 95.1 |
| 80700 | 3900         | 270   | 64.4 | 280       | 67.9 | 291       | 71.5 | 300       | 75.3 | 310   | 78.9 | 319       | 82.9 | 328       | 86.9 | 337       | 91.0 | 345   | 95.1 | 354       | 99.0 |
| 82800 | 4000         | 273   | 68.1 | 283       | 71.6 | 293       | 75.2 | 303       | 79.1 | 312   | 83.0 | 321       | 86.8 | 330       | 90.7 | 339       | 95.0 | 347   | 99.1 | 356       | 103  |

| CFM    | O. V.<br>FPM | 4 1/2" SP |      | 4 3/4" SP |      | 5" SP |      | 5 1/2" SP |      | 6" SP |      | 6 1/2" SP |     | 7" SP |     | 7 1/2" SP |     | 8" SP |     | 9" SP |     |
|--------|--------------|-----------|------|-----------|------|-------|------|-----------|------|-------|------|-----------|-----|-------|-----|-----------|-----|-------|-----|-------|-----|
|        |              | RPM       | BHP  | RPM       | BHP  | RPM   | BHP  | RPM       | BHP  | RPM   | BHP  | RPM       | BHP | RPM   | BHP | RPM       | BHP | RPM   | BHP | RPM   | BHP |
| 64200  | 3100         | 353       | 75.3 | 362       | 79.2 | 370   | 82.9 | 388       | 90.7 | 404   | 98.7 |           |     |       |     |           |     |       |     |       |     |
| 66200  | 3200         | 354       | 78.3 | 362       | 82.2 | 371   | 86.1 | 388       | 93.8 | 405   | 102  |           |     |       |     |           |     |       |     |       |     |
| 68300  | 3300         | 355       | 81.4 | 364       | 85.2 | 372   | 89.3 | 389       | 97.4 | 405   | 105  |           |     |       |     |           |     |       |     |       |     |
| 70400  | 3400         | 356       | 84.8 | 365       | 88.6 | 373   | 92.5 | 390       | 100  | 406   | 109  | 421       | 117 |       |     |           |     |       |     |       |     |
| 72400  | 3500         | 357       | 88.3 | 366       | 92.2 | 374   | 96.1 | 391       | 104  | 406   | 113  | 422       | 121 | 437   | 130 |           |     |       |     |       |     |
| 74500  | 3600         | 359       | 92.0 | 367       | 95.9 | 376   | 99.9 | 392       | 107  | 407   | 116  | 423       | 125 | 438   | 134 | 452       | 143 |       |     |       |     |
| 76600  | 3700         | 360       | 95.6 | 368       | 99.8 | 377   | 103  | 393       | 112  | 409   | 120  | 424       | 129 | 438   | 138 | 453       | 147 | 467   | 157 |       |     |
| 78600  | 3800         | 361       | 99.2 | 369       | 103  | 378   | 108  | 394       | 116  | 410   | 124  | 425       | 134 | 439   | 143 | 454       | 152 | 468   | 161 |       |     |
| 80700  | 3900         | 362       | 103  | 370       | 107  | 379   | 112  | 395       | 120  | 411   | 129  | 426       | 138 | 440   | 147 | 454       | 157 | 468   | 166 | 495   | 186 |
| 82800  | 4000         | 364       | 107  | 372       | 111  | 380   | 115  | 397       | 125  | 412   | 133  | 427       | 143 | 441   | 152 | 455       | 162 | 469   | 171 | 496   | 191 |
| 84900  | 4100         | 366       | 111  | 374       | 116  | 381   | 120  | 398       | 129  | 413   | 138  | 428       | 147 | 443   | 157 | 456       | 167 | 470   | 176 | 496   | 196 |
| 86900  | 4200         | 367       | 116  | 375       | 120  | 383   | 125  | 399       | 134  | 415   | 143  | 429       | 153 | 444   | 162 | 458       | 171 | 471   | 182 | 497   | 202 |
| 89000  | 4300         | 369       | 120  | 377       | 125  | 385   | 129  | 400       | 138  | 416   | 148  | 431       | 158 | 445   | 167 | 459       | 177 | 472   | 187 | 498   | 208 |
| 91100  | 4400         | 371       | 125  | 379       | 130  | 387   | 134  | 402       | 144  | 417   | 153  | 432       | 163 | 446   | 173 | 460       | 183 | 473   | 192 | 499   | 214 |
| 93100  | 4500         | 373       | 130  | 381       | 135  | 389   | 139  | 403       | 149  | 418   | 158  | 433       | 168 | 447   | 179 | 461       | 188 | 475   | 199 | 500   | 220 |
| 95200  | 4600         | 375       | 135  | 383       | 140  | 391   | 145  | 405       | 154  | 420   | 164  | 434       | 173 | 448   | 184 | 462       | 195 | 476   | 204 | 501   | 225 |
| 97300  | 4700         | 378       | 141  | 385       | 145  | 392   | 150  | 407       | 160  | 421   | 169  | 435       | 179 | 449   | 190 | 464       | 201 | 477   | 211 | 502   | 232 |
| 99400  | 4800         | 380       | 146  | 388       | 151  | 394   | 156  | 409       | 166  | 423   | 176  | 437       | 186 | 450   | 195 | 465       | 207 | 478   | 218 | 504   | 239 |
| 101400 | 4900         | 382       | 152  | 390       | 156  | 397   | 162  | 411       | 171  | 425   | 182  | 439       | 192 | 452   | 202 | 466       | 213 | 479   | 224 | 505   | 246 |
| 103500 | 5000         | 384       | 158  | 392       | 163  | 399   | 167  | 413       | 177  | 427   | 188  | 441       | 198 | 454   | 209 | 467       | 219 | 480   | 231 | 506   | 253 |



# SIZE 660

SINGLE WIDTH  
SINGLE INLET

# CENTRIFUGAL FAN TYPE F

WHEEL DIA. 66"

OUTLET AREA 25.05 SQ FT

| CFM   | O. V.<br>FPM | 1/4" SP |      | 3/8" SP |      | 1/2" SP |      | 5/8" SP |      | 3/4" SP |      | 7/8" SP |      | 1" SP |      | 1 1/4" SP |      | 1 1/2" SP |      | 1 3/4" SP |      |
|-------|--------------|---------|------|---------|------|---------|------|---------|------|---------|------|---------|------|-------|------|-----------|------|-----------|------|-----------|------|
|       |              | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM   | BHP  | RPM       | BHP  | RPM       | BHP  | RPM       | BHP  |
| 22544 | 900          | 77      | 1.58 | 93      | 2.21 | 106     | 2.89 |         |      |         |      |         |      |       |      |           |      |           |      |           |      |
| 25049 | 1000         | 79      | 1.87 | 94      | 2.53 | 107     | 3.25 | 119     | 4.02 |         |      |         |      |       |      |           |      |           |      |           |      |
| 27554 | 1100         | 81      | 2.21 | 95      | 2.90 | 108     | 3.65 | 119     | 4.45 | 130     | 5.30 |         |      |       |      |           |      |           |      |           |      |
| 30059 | 1200         | 83      | 2.60 | 96      | 3.33 | 109     | 4.12 | 120     | 4.94 | 130     | 5.83 | 140     | 6.74 |       |      |           |      |           |      |           |      |
| 32500 | 1300         | 85      | 3.04 | 98      | 3.80 | 110     | 4.62 | 121     | 5.50 | 131     | 6.41 | 141     | 7.37 | 150   | 8.36 |           |      |           |      |           |      |
| 35000 | 1400         | 87      | 3.56 | 100     | 4.35 | 111     | 5.21 | 122     | 6.12 | 132     | 7.06 | 142     | 8.05 | 151   | 9.08 | 168       | 11.2 |           |      |           |      |
| 37500 | 1500         | 90      | 4.15 | 102     | 4.96 | 113     | 5.84 | 123     | 6.79 | 133     | 7.79 | 143     | 8.80 | 152   | 9.85 | 168       | 12.0 |           |      |           |      |
| 40000 | 1600         | 93      | 4.82 | 104     | 5.64 | 115     | 6.56 | 125     | 7.55 | 134     | 8.56 | 144     | 9.65 | 153   | 10.7 | 169       | 13.0 | 184       | 15.4 |           |      |
| 42500 | 1700         | 95      | 5.57 | 107     | 6.41 | 117     | 7.37 | 127     | 8.37 | 136     | 9.44 | 145     | 10.5 | 154   | 11.6 | 170       | 13.9 | 184       | 16.5 | 198       | 19.1 |
| 45000 | 1800         | 99      | 6.41 | 109     | 7.27 | 119     | 8.24 | 129     | 9.28 | 138     | 10.3 | 146     | 11.5 | 155   | 12.6 | 171       | 15.1 | 185       | 17.6 | 199       | 20.2 |
| 47500 | 1900         | 102     | 7.33 | 112     | 8.24 | 122     | 9.22 | 131     | 10.2 | 140     | 11.4 | 148     | 12.5 | 156   | 13.7 | 172       | 16.3 | 186       | 18.8 | 200       | 21.6 |
| 50000 | 2000         | 105     | 8.30 | 114     | 9.28 | 124     | 10.2 | 133     | 11.3 | 142     | 12.5 | 150     | 13.7 | 158   | 14.9 | 173       | 17.5 | 187       | 20.2 | 201       | 23.0 |
| 52600 | 2100         | 108     | 9.39 | 117     | 10.4 | 127     | 11.4 | 135     | 12.5 | 144     | 13.7 | 152     | 14.9 | 159   | 16.2 | 174       | 18.9 | 188       | 21.7 | 202       | 24.5 |
| 55100 | 2200         | 112     | 10.5 | 121     | 11.7 | 129     | 12.7 | 138     | 13.8 | 146     | 15.0 | 154     | 16.3 | 162   | 17.6 | 176       | 20.4 | 189       | 23.1 | 203       | 26.2 |
| 57600 | 2300         | 115     | 11.8 | 124     | 13.0 | 132     | 14.1 | 140     | 15.3 | 148     | 16.5 | 156     | 17.8 | 164   | 19.1 | 177       | 21.9 | 191       | 24.8 | 204       | 27.9 |
| 60100 | 2400         | 119     | 13.1 | 127     | 14.5 | 135     | 15.6 | 143     | 16.8 | 151     | 18.0 | 158     | 19.3 | 166   | 20.7 | 179       | 23.5 | 192       | 26.6 | 205       | 29.6 |
| 62600 | 2500         | 123     | 14.6 | 130     | 16.0 | 138     | 17.3 | 146     | 18.5 | 153     | 19.7 | 161     | 21.1 | 168   | 22.4 | 182       | 25.3 | 194       | 28.4 | 206       | 31.6 |
| 65100 | 2600         | 126     | 16.1 | 134     | 17.7 | 141     | 19.1 | 148     | 20.2 | 156     | 21.6 | 163     | 22.9 | 170   | 24.3 | 183       | 27.3 | 196       | 30.3 | 208       | 33.7 |
| 67600 | 2700         | 130     | 17.8 | 137     | 19.4 | 144     | 20.9 | 151     | 22.2 | 158     | 23.5 | 165     | 24.9 | 172   | 26.3 | 185       | 29.3 | 198       | 32.5 | 210       | 35.8 |
| 70100 | 2800         | 134     | 19.6 | 141     | 21.4 | 147     | 22.9 | 154     | 24.3 | 161     | 25.6 | 168     | 27.0 | 175   | 28.4 | 188       | 31.4 | 200       | 34.8 | 211       | 38.1 |
| 72600 | 2900         | 138     | 21.5 | 144     | 23.3 | 151     | 24.9 | 157     | 26.5 | 164     | 27.8 | 171     | 29.3 | 177   | 30.7 | 190       | 33.8 | 202       | 37.1 | 214       | 40.6 |
| 75100 | 3000         | 141     | 23.5 | 148     | 25.4 | 154     | 27.2 | 161     | 28.8 | 167     | 30.2 | 173     | 31.7 | 180   | 33.2 | 192       | 36.3 | 204       | 39.7 | 216       | 43.1 |
| 77600 | 3100         | 145     | 25.5 | 152     | 27.7 | 158     | 29.5 | 164     | 31.2 | 170     | 32.8 | 176     | 34.2 | 182   | 35.8 | 195       | 38.9 | 206       | 42.3 | 218       | 45.9 |
| 80100 | 3200         | 149     | 27.6 | 155     | 30.1 | 161     | 32.0 | 167     | 33.7 | 173     | 35.5 | 179     | 37.0 | 185   | 38.5 | 197       | 41.7 | 208       | 45.1 | 220       | 48.8 |
| 82600 | 3300         | 153     | 29.8 | 159     | 32.5 | 165     | 34.7 | 171     | 36.5 | 176     | 38.3 | 182     | 39.8 | 188   | 41.3 | 199       | 44.6 | 211       | 48.1 | 222       | 51.7 |

| CFM    | O. V.<br>FPM | 2" SP |      | 2 1/4" SP |      | 2 1/2" SP |      | 2 3/4" SP |      | 3" SP |      | 3 1/4" SP |      | 3 1/2" SP |      | 3 3/4" SP |      | 4" SP |      | 4 1/4" SP |      |
|--------|--------------|-------|------|-----------|------|-----------|------|-----------|------|-------|------|-----------|------|-----------|------|-----------|------|-------|------|-----------|------|
|        |              | RPM   | BHP  | RPM       | BHP  | RPM       | BHP  | RPM       | BHP  | RPM   | BHP  | RPM       | BHP  | RPM       | BHP  | RPM       | BHP  | RPM   | BHP  | RPM       | BHP  |
| 52600  | 2100         | 214   | 27.5 | 226       | 30.6 | 238       | 33.8 |           |      |       |      |           |      |           |      |           |      |       |      |           |      |
| 55100  | 2200         | 215   | 29.1 | 227       | 32.3 | 239       | 35.6 | 249       | 38.9 | 260   | 42.3 |           |      |           |      |           |      |       |      |           |      |
| 57600  | 2300         | 216   | 30.9 | 228       | 34.1 | 239       | 37.5 | 250       | 40.9 | 260   | 44.4 | 270       | 47.9 |           |      |           |      |       |      |           |      |
| 60100  | 2400         | 217   | 32.9 | 229       | 36.1 | 240       | 39.5 | 250       | 43.0 | 261   | 46.6 | 271       | 50.2 | 281       | 53.9 |           |      |       |      |           |      |
| 62600  | 2500         | 218   | 34.9 | 230       | 38.3 | 241       | 41.7 | 251       | 45.2 | 261   | 48.8 | 271       | 52.6 | 281       | 56.3 | 291       | 60.2 |       |      |           |      |
| 65100  | 2600         | 219   | 36.9 | 231       | 40.5 | 242       | 44.0 | 253       | 47.5 | 262   | 51.2 | 272       | 55.0 | 282       | 58.9 | 291       | 62.8 | 300   | 66.9 | 309       | 71.0 |
| 67600  | 2700         | 221   | 39.2 | 232       | 42.6 | 243       | 46.4 | 254       | 50.0 | 264   | 53.7 | 273       | 57.6 | 283       | 61.5 | 292       | 65.6 | 301   | 69.5 | 310       | 73.8 |
| 70100  | 2800         | 223   | 41.7 | 233       | 45.2 | 244       | 48.9 | 255       | 52.8 | 265   | 56.4 | 274       | 60.2 | 283       | 64.3 | 292       | 68.4 | 301   | 72.6 | 310       | 76.6 |
| 72600  | 2900         | 224   | 44.2 | 235       | 47.8 | 245       | 51.4 | 256       | 55.4 | 266   | 59.4 | 275       | 63.2 | 284       | 67.1 | 293       | 71.4 | 302   | 75.6 | 311       | 80.0 |
| 75100  | 3000         | 226   | 46.7 | 237       | 50.5 | 247       | 54.3 | 257       | 58.0 | 267   | 62.3 | 276       | 66.4 | 286       | 70.4 | 294       | 74.4 | 303   | 78.8 | 311       | 83.2 |
| 77500  | 3100         | 228   | 49.6 | 238       | 53.4 | 248       | 57.3 | 258       | 61.2 | 268   | 65.2 | 277       | 69.5 | 287       | 73.7 | 296       | 77.9 | 304   | 82.0 | 312       | 86.6 |
| 80100  | 3200         | 230   | 52.4 | 240       | 56.2 | 250       | 60.4 | 260       | 64.4 | 269   | 68.4 | 278       | 72.7 | 288       | 77.1 | 297       | 81.4 | 305   | 85.7 | 314       | 90.0 |
| 82600  | 3300         | 232   | 55.7 | 242       | 59.5 | 252       | 63.6 | 261       | 67.8 | 270   | 71.8 | 279       | 76.0 | 289       | 80.6 | 298       | 85.1 | 306   | 89.5 | 315       | 93.9 |
| 85100  | 3400         | 234   | 58.9 | 244       | 62.8 | 254       | 66.9 | 263       | 71.2 | 272   | 75.5 | 281       | 79.7 | 290       | 83.9 | 299       | 88.8 | 307   | 93.5 | 316       | 98.0 |
| 87600  | 3500         | 236   | 62.3 | 246       | 66.4 | 256       | 70.5 | 265       | 74.7 | 274   | 79.1 | 283       | 83.6 | 291       | 88.0 | 300       | 92.3 | 308   | 97.4 | 317       | 102  |
| 90100  | 3600         | 239   | 65.9 | 248       | 70.1 | 258       | 74.2 | 267       | 78.5 | 276   | 83.0 | 284       | 87.6 | 293       | 92.0 | 301       | 96.6 | 309   | 101  | 318       | 106  |
| 92600  | 3700         | 241   | 69.6 | 251       | 73.9 | 260       | 78.2 | 269       | 82.5 | 277   | 86.8 | 286       | 91.7 | 295       | 96.4 | 303       | 100  | 311   | 105  | 319       | 110  |
| 95100  | 3800         | 243   | 73.7 | 253       | 77.9 | 262       | 82.3 | 271       | 86.7 | 280   | 91.2 | 288       | 95.8 | 296       | 100  | 304       | 105  | 312   | 110  | 320       | 115  |
| 97600  | 3900         | 246   | 77.8 | 255       | 82.1 | 264       | 86.5 | 273       | 91.1 | 282   | 95.4 | 290       | 100  | 298       | 105  | 306       | 110  | 314   | 115  | 322       | 119  |
| 100100 | 4000         | 248   | 82.3 | 257       | 86.5 | 266       | 90.9 | 275       | 95.7 | 284   | 100  | 292       | 104  | 300       | 109  | 308       | 114  | 316   | 119  | 323       | 124  |

| CFM    | O. V.<br>FPM | 4 1/2" SP |      | 4 3/4" SP |      | 5" SP |     | 5 1/2" SP |     | 6" SP |     | 6 1/2" SP |     | 7" SP |     | 7 1/2" SP |     | 8" SP |     | 9" SP |     |
|--------|--------------|-----------|------|-----------|------|-------|-----|-----------|-----|-------|-----|-----------|-----|-------|-----|-----------|-----|-------|-----|-------|-----|
|        |              | RPM       | BHP  | RPM       | BHP  | RPM   | BHP | RPM       | BHP | RPM   | BHP | RPM       | BHP | RPM   | BHP | RPM       | BHP | RPM   | BHP | RPM   | BHP |
| 77600  | 3100         | 321       | 91.1 | 329       | 95.7 | 337   | 100 | 352       | 109 |       |     |           |     |       |     |           |     |       |     |       |     |
| 80100  | 3200         | 322       | 94.7 | 330       | 99.4 | 337   | 104 | 353       | 113 | 368   | 123 |           |     |       |     |           |     |       |     |       |     |
| 82600  | 3300         | 323       | 98.4 | 331       | 103  | 338   | 108 | 353       | 117 | 368   | 127 | 383       | 137 |       |     |           |     |       |     |       |     |
| 85100  | 3400         | 324       | 102  | 332       | 107  | 339   | 111 | 354       | 121 | 369   | 132 | 383       | 142 | 397   | 152 |           |     |       |     |       |     |
| 87600  | 3500         | 325       | 106  | 333       | 111  | 340   | 116 | 355       | 126 | 369   | 136 | 384       | 146 | 397   | 157 | 411       | 168 |       |     |       |     |
| 90100  | 3600         | 326       | 111  | 334       | 116  | 341   | 120 | 356       | 130 | 370   | 141 | 384       | 152 | 398   | 162 | 411       | 173 | 424   | 184 |       |     |
| 92600  | 3700         | 327       | 115  | 335       | 120  | 343   | 125 | 357       | 135 | 371   | 146 | 385       | 156 | 399   | 167 | 412       | 178 | 425   | 190 |       |     |
| 95100  | 3800         | 328       | 119  | 336       | 125  | 344   | 130 | 358       | 140 | 373   | 150 | 386       | 162 | 399   | 173 | 412       | 184 | 425   | 195 |       |     |
| 97600  | 3900         | 329       | 124  | 337       | 129  | 345   | 135 | 360       | 146 | 374   | 156 | 387       | 167 | 400   | 178 | 413       | 190 | 426   | 201 | 450   | 225 |
| 100100 | 4000         | 331       | 129  | 338       | 134  | 346   | 140 | 361       | 151 | 375   | 161 | 388       | 172 | 401   | 184 | 414       | 196 | 426   | 207 | 451   | 231 |
| 102700 | 4100         | 332       | 135  | 340       | 140  | 347   | 145 | 362       | 156 | 376   | 168 | 389       | 178 | 402   | 189 | 415       | 202 | 427   | 213 | 451   | 238 |
| 105200 | 4200         | 334       | 140  | 341       | 145  | 348   | 151 | 362       | 162 | 377   | 173 | 390       | 185 | 403   | 196 | 416       | 207 | 428   | 220 | 452   | 245 |
| 107700 | 4300         | 336       | 146  | 343       | 151  | 350   | 156 | 364       | 167 | 378   | 179 | 391       | 191 | 404   | 202 | 417       | 214 | 429   | 226 | 453   | 252 |
| 110200 | 4400         | 337       | 152  | 345       | 157  | 352   | 163 | 365       | 174 | 379   | 185 | 392       | 197 | 406   | 209 | 418       | 221 | 430   | 233 | 454   | 259 |
| 112700 | 4500         | 339       | 157  | 346       | 163  | 353   | 169 | 367       | 180 | 380   | 191 | 393       | 204 | 407   | 216 | 419       | 228 | 431   | 240 | 455   | 266 |
| 115200 | 4600         | 341       | 164  | 348       | 169  | 355   | 175 | 369       | 187 | 382   | 198 | 394       | 210 | 408   | 223 | 420       | 236 | 432   | 247 | 456   | 272 |
| 117700 | 4700         | 343       | 170  | 350       | 176  | 357   | 182 | 370       | 193 | 383   | 205 | 396       | 217 | 409   | 230 | 421       | 243 | 434   | 255 | 457   | 281 |
| 120200 | 4800         | 346       | 177  | 352       | 183  | 359   | 188 | 372       | 200 | 385   | 213 | 397       | 224 | 409   | 236 | 422       | 250 | 435   | 263 | 458   | 289 |
| 122700 | 4900         | 347       | 184  | 354       | 189  | 361   | 195 | 374       | 207 | 387   | 220 | 399       | 232 | 411   | 245 | 423       | 257 | 436   | 271 | 459   | 297 |
| 125200 | 5000         | 349       | 191  | 356       | 197  | 363   | 203 | 375       | 214 | 388   | 227 | 401       | 240 | 413   | 252 | 424       | 265 | 437   | 279 | 460   | 306 |

CENTRIFUGAL FAN TYPE **F**SIZE **730**SINGLE WIDTH  
SINGLE INLET

WHEEL DIA. 73"

OUTLET AREA 30.64 SQ FT

| CFM    | O. V.<br>FPM | 1/4" SP |      | 3/8" SP |      | 1/2" SP |      | 5/8" SP |      | 3/4" SP |      | 7/8" SP |      | 1" SP |      | 1 1/4" SP |      | 1 1/2" SP |      | 1 3/4" SP |      |
|--------|--------------|---------|------|---------|------|---------|------|---------|------|---------|------|---------|------|-------|------|-----------|------|-----------|------|-----------|------|
|        |              | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM   | BHP  | RPM       | BHP  | RPM       | BHP  | RPM       | BHP  |
| 27575  | 900          | 70      | 1.93 | 84      | 2.70 | 96      | 3.53 | 107     | 4.91 |         |      |         |      |       |      |           |      |           |      |           |      |
| 30639  | 1000         | 71      | 2.29 | 85      | 3.09 | 96      | 3.97 | 107     | 4.91 |         |      |         |      |       |      |           |      |           |      |           |      |
| 33700  | 1100         | 73      | 2.70 | 86      | 3.54 | 97      | 4.46 | 108     | 5.45 | 117     | 6.48 |         |      |       |      |           |      |           |      |           |      |
| 36700  | 1200         | 75      | 3.18 | 87      | 4.07 | 98      | 5.04 | 108     | 6.04 | 118     | 7.13 |         |      |       |      |           |      |           |      |           |      |
| 39800  | 1300         | 77      | 3.72 | 88      | 4.64 | 99      | 5.65 | 109     | 6.73 | 119     | 7.84 | 127     | 9.01 |       |      |           |      |           |      |           |      |
| 42800  | 1400         | 79      | 4.35 | 90      | 5.32 | 101     | 6.38 | 110     | 7.48 | 120     | 8.63 | 128     | 9.84 | 136   | 11.1 |           |      |           |      |           |      |
| 45900  | 1500         | 81      | 5.08 | 92      | 6.07 | 102     | 7.14 | 112     | 8.30 | 121     | 9.53 | 129     | 10.7 | 137   | 12.0 |           |      |           |      |           |      |
| 49000  | 1600         | 84      | 5.90 | 94      | 6.90 | 104     | 8.02 | 113     | 9.23 | 122     | 10.4 | 130     | 11.8 | 138   | 13.1 | 152       | 15.9 |           |      |           |      |
| 52000  | 1700         | 86      | 6.81 | 96      | 7.84 | 106     | 9.01 | 115     | 10.2 | 123     | 11.5 | 131     | 12.8 | 139   | 14.3 | 153       | 17.1 |           |      |           |      |
| 55100  | 1800         | 89      | 7.84 | 99      | 8.89 | 108     | 10.0 | 117     | 11.3 | 125     | 12.7 | 132     | 14.0 | 140   | 15.4 | 154       | 18.4 | 167       | 21.6 |           |      |
| 58200  | 1900         | 92      | 8.96 | 101     | 10.0 | 110     | 11.2 | 118     | 12.5 | 126     | 13.9 | 134     | 15.3 | 141   | 16.8 | 155       | 19.9 | 168       | 23.0 | 180       | 26.4 |
| 61200  | 2000         | 95      | 10.1 | 104     | 11.3 | 112     | 12.5 | 120     | 13.9 | 128     | 15.3 | 135     | 16.7 | 143   | 18.3 | 156       | 21.4 | 169       | 24.7 | 181       | 28.1 |
| 64300  | 2100         | 98      | 11.4 | 106     | 12.7 | 114     | 14.0 | 122     | 15.3 | 130     | 16.8 | 137     | 18.3 | 144   | 19.8 | 157       | 23.1 | 170       | 26.5 | 182       | 30.0 |
| 67400  | 2200         | 101     | 12.8 | 109     | 14.3 | 117     | 15.6 | 125     | 16.9 | 132     | 18.4 | 139     | 20.0 | 146   | 21.5 | 159       | 24.9 | 171       | 28.3 | 183       | 32.0 |
| 70400  | 2300         | 104     | 14.4 | 112     | 15.9 | 119     | 17.3 | 127     | 18.7 | 134     | 20.1 | 141     | 21.7 | 148   | 23.4 | 160       | 26.8 | 172       | 30.3 | 184       | 34.1 |
| 73500  | 2400         | 107     | 16.0 | 115     | 17.7 | 122     | 19.1 | 129     | 20.6 | 136     | 22.0 | 143     | 23.7 | 150   | 25.4 | 162       | 28.8 | 174       | 32.5 | 185       | 36.2 |
| 76500  | 2500         | 111     | 17.9 | 118     | 19.6 | 125     | 21.1 | 132     | 22.6 | 138     | 24.1 | 145     | 25.8 | 152   | 27.4 | 164       | 31.0 | 175       | 34.8 | 186       | 38.6 |
| 79600  | 2600         | 114     | 19.7 | 121     | 21.6 | 128     | 23.3 | 134     | 24.8 | 141     | 26.4 | 147     | 28.0 | 154   | 29.7 | 166       | 33.4 | 177       | 37.1 | 188       | 41.2 |
| 82700  | 2700         | 117     | 21.7 | 124     | 23.8 | 130     | 25.6 | 137     | 27.2 | 143     | 28.8 | 150     | 30.4 | 156   | 32.2 | 168       | 35.9 | 179       | 39.8 | 190       | 43.9 |
| 85700  | 2800         | 121     | 24.0 | 127     | 26.1 | 133     | 28.0 | 140     | 29.7 | 146     | 31.3 | 152     | 33.0 | 158   | 34.7 | 170       | 38.5 | 181       | 42.5 | 191       | 46.6 |
| 88800  | 2900         | 124     | 26.3 | 130     | 28.5 | 136     | 30.5 | 142     | 32.4 | 148     | 34.0 | 154     | 35.8 | 160   | 37.6 | 172       | 41.4 | 183       | 45.4 | 193       | 49.6 |
| 91900  | 3000         | 128     | 28.7 | 134     | 31.1 | 139     | 33.3 | 145     | 35.2 | 151     | 37.0 | 157     | 38.8 | 162   | 40.6 | 174       | 44.4 | 185       | 48.5 | 195       | 52.7 |
| 94900  | 3100         | 131     | 31.2 | 137     | 33.9 | 143     | 36.1 | 148     | 38.2 | 154     | 40.1 | 159     | 41.8 | 165   | 43.8 | 176       | 47.5 | 186       | 51.7 | 197       | 56.2 |
| 98000  | 3200         | 135     | 33.8 | 140     | 36.8 | 146     | 39.2 | 151     | 41.2 | 157     | 43.4 | 162     | 45.2 | 167   | 47.1 | 178       | 51.0 | 188       | 55.2 | 199       | 59.7 |
| 101100 | 3300         | 138     | 36.4 | 144     | 39.7 | 149     | 42.4 | 154     | 44.6 | 159     | 46.8 | 165     | 48.7 | 170   | 50.5 | 180       | 54.6 | 191       | 58.9 | 200       | 63.2 |

| CFM    | O. V.<br>FPM | 2" SP |      | 2 1/4" SP |      | 2 1/2" SP |      | 2 3/4" SP |      | 3" SP |      | 3 1/4" SP |      | 3 1/2" SP |      | 3 3/4" SP |      | 4" SP |      | 4 1/4" SP |      |
|--------|--------------|-------|------|-----------|------|-----------|------|-----------|------|-------|------|-----------|------|-----------|------|-----------|------|-------|------|-----------|------|
|        |              | RPM   | BHP  | RPM       | BHP  | RPM       | BHP  | RPM       | BHP  | RPM   | BHP  | RPM       | BHP  | RPM       | BHP  | RPM       | BHP  | RPM   | BHP  | RPM       | BHP  |
| 64300  | 2100         | 194   | 33.7 | 204       | 37.4 |           |      |           |      |       |      |           |      |           |      |           |      |       |      |           |      |
| 67400  | 2200         | 195   | 35.6 | 205       | 39.6 | 215       | 43.5 | 225       | 47.6 |       |      |           |      |           |      |           |      |       |      |           |      |
| 70400  | 2300         | 195   | 37.8 | 206       | 41.7 | 216       | 45.9 | 226       | 50.0 |       |      | 244       | 58.7 |           |      |           |      |       |      |           |      |
| 73500  | 2400         | 196   | 40.3 | 207       | 44.2 | 217       | 48.3 | 226       | 52.6 |       |      | 245       | 61.4 | 254       | 65.9 |           |      |       |      |           |      |
| 76500  | 2500         | 197   | 42.7 | 208       | 46.9 | 218       | 51.0 | 227       | 55.3 | 236   | 59.7 | 245       | 64.3 | 254       | 68.9 | 263       | 73.7 |       |      |           |      |
| 79600  | 2600         | 198   | 45.2 | 209       | 49.5 | 219       | 53.8 | 228       | 58.1 | 237   | 62.7 | 246       | 67.3 | 255       | 72.1 | 263       | 76.8 | 271   | 81.8 |           |      |
| 82700  | 2700         | 200   | 47.9 | 210       | 52.2 | 220       | 56.8 | 229       | 61.1 | 238   | 65.7 | 247       | 70.5 | 255       | 75.3 | 264       | 80.2 | 272   | 85.1 |           |      |
| 85700  | 2800         | 201   | 51.0 | 211       | 55.3 | 221       | 59.8 | 230       | 64.5 | 239   | 69.0 | 248       | 73.7 | 256       | 78.7 | 264       | 83.7 | 272   | 88.8 | 280       | 93.7 |
| 88800  | 2900         | 203   | 54.0 | 212       | 58.4 | 222       | 62.9 | 231       | 67.8 | 240   | 72.7 | 249       | 77.3 | 257       | 82.1 | 265       | 87.3 | 273   | 92.5 | 281       | 97.8 |
| 91900  | 3000         | 204   | 57.1 | 214       | 61.8 | 223       | 66.4 | 232       | 71.0 | 241   | 76.2 | 250       | 81.2 | 258       | 86.1 | 266       | 91.0 | 274   | 96.4 | 282       | 101  |
| 94900  | 3100         | 206   | 60.6 | 216       | 65.3 | 225       | 70.1 | 233       | 74.8 | 242   | 79.8 | 251       | 85.0 | 259       | 90.2 | 267       | 95.2 | 275   | 100  | 283       | 105  |
| 98000  | 3200         | 208   | 64.2 | 217       | 68.8 | 226       | 73.8 | 235       | 78.7 | 243   | 83.7 | 252       | 88.9 | 260       | 94.4 | 268       | 99.6 | 276   | 104  | 283       | 110  |
| 101100 | 3300         | 210   | 68.1 | 219       | 72.8 | 228       | 77.8 | 236       | 82.9 | 245   | 87.8 | 253       | 93.0 | 261       | 98.6 | 269       | 104  | 277   | 109  | 284       | 114  |
| 104100 | 3400         | 212   | 72.1 | 221       | 76.8 | 229       | 81.8 | 238       | 87.1 | 246   | 92.4 | 254       | 97.5 | 262       | 102  | 270       | 108  | 278   | 114  | 285       | 119  |
| 107200 | 3500         | 214   | 76.2 | 223       | 81.2 | 231       | 86.2 | 239       | 91.3 | 248   | 96.8 | 256       | 102  | 263       | 107  | 271       | 112  | 279   | 119  | 286       | 125  |
| 110300 | 3600         | 216   | 80.6 | 225       | 85.7 | 233       | 90.8 | 241       | 96.1 | 249   | 101  | 257       | 107  | 265       | 112  | 272       | 118  | 280   | 123  | 287       | 130  |
| 113300 | 3700         | 218   | 85.2 | 226       | 90.3 | 235       | 95.7 | 243       | 100  | 251   | 106  | 259       | 112  | 266       | 117  | 274       | 123  | 281   | 129  | 288       | 135  |
| 116400 | 3800         | 220   | 90.1 | 228       | 95.2 | 237       | 100  | 245       | 106  | 253   | 111  | 260       | 117  | 268       | 123  | 275       | 129  | 282   | 134  | 289       | 140  |
| 119400 | 3900         | 222   | 95.2 | 230       | 100  | 239       | 105  | 247       | 111  | 255   | 116  | 262       | 122  | 269       | 128  | 277       | 134  | 284   | 140  | 291       | 146  |
| 122500 | 4000         | 224   | 100  | 233       | 105  | 241       | 111  | 249       | 117  | 256   | 122  | 264       | 128  | 271       | 134  | 278       | 140  | 285   | 146  | 292       | 152  |

| CFM    | O. V.<br>FPM | 4 1/2" SP |     | 4 3/4" SP |     | 5" SP |     | 5 1/2" SP |     | 6" SP |     | 6 1/2" SP |     | 7" SP |     | 7 1/2" SP |     | 8" SP |     | 9" SP |     |
|--------|--------------|-----------|-----|-----------|-----|-------|-----|-----------|-----|-------|-----|-----------|-----|-------|-----|-----------|-----|-------|-----|-------|-----|
|        |              | RPM       | BHP | RPM       | BHP | RPM   | BHP | RPM       | BHP | RPM   | BHP | RPM       | BHP | RPM   | BHP | RPM       | BHP | RPM   | BHP | RPM   | BHP |
| 94900  | 3100         | 290       | 111 | 297       | 117 | 304   | 122 | 318       | 134 |       |     |           |     |       |     |           |     |       |     |       |     |
| 98000  | 3200         | 291       | 115 | 298       | 121 | 305   | 127 | 319       | 138 |       |     |           |     |       |     |           |     |       |     |       |     |
| 101100 | 3300         | 292       | 120 | 299       | 126 | 306   | 132 | 320       | 144 |       |     |           |     |       |     |           |     |       |     |       |     |
| 104100 | 3400         | 293       | 125 | 300       | 131 | 307   | 136 | 320       | 149 | 333   | 161 | 346       | 174 |       |     |           |     |       |     |       |     |
| 107200 | 3500         | 294       | 130 | 301       | 136 | 308   | 142 | 321       | 154 | 334   | 167 | 347       | 179 | 359   | 193 | 371       | 206 |       |     |       |     |
| 110300 | 3600         | 295       | 136 | 302       | 141 | 309   | 147 | 322       | 159 | 335   | 172 | 347       | 185 | 360   | 198 | 372       | 212 |       |     |       |     |
| 113300 | 3700         | 296       | 141 | 303       | 147 | 310   | 153 | 323       | 165 | 336   | 178 | 348       | 191 | 360   | 205 | 372       | 218 |       |     |       |     |
| 116400 | 3800         | 296       | 146 | 304       | 153 | 311   | 159 | 324       | 171 | 337   | 184 | 349       | 198 | 361   | 211 | 373       | 225 | 384   | 239 |       |     |
| 119400 | 3900         | 298       | 152 | 304       | 158 | 312   | 165 | 325       | 178 | 338   | 191 | 350       | 204 | 362   | 218 | 373       | 232 | 385   | 246 | 407   | 276 |
| 122500 | 4000         | 299       | 158 | 306       | 165 | 312   | 171 | 326       | 185 | 339   | 198 | 351       | 211 | 363   | 225 | 374       | 239 | 385   | 254 | 408   | 283 |
| 125600 | 4100         | 300       | 165 | 307       | 171 | 313   | 177 | 327       | 191 | 340   | 205 | 352       | 218 | 364   | 232 | 375       | 247 | 386   | 261 | 408   | 291 |
| 128600 | 4200         | 302       | 172 | 308       | 178 | 315   | 184 | 328       | 198 | 341   | 212 | 353       | 226 | 365   | 240 | 376       | 253 | 387   | 269 | 409   | 299 |
| 131700 | 4300         | 303       | 178 | 310       | 185 | 316   | 191 | 329       | 205 | 342   | 219 | 354       | 234 | 366   | 247 | 377       | 262 | 388   | 277 | 409   | 308 |
| 134800 | 4400         | 305       | 186 | 312       | 192 | 318   | 199 | 330       | 213 | 342   | 226 | 355       | 241 | 367   | 256 | 378       | 270 | 389   | 285 | 410   | 316 |
| 137800 | 4500         | 306       | 192 | 313       | 200 | 319   | 207 | 332       | 220 | 344   | 234 | 356       | 249 | 368   | 264 | 379       | 279 | 390   | 294 | 411   | 325 |
| 140900 | 4600         | 308       | 200 | 315       | 207 | 321   | 214 | 333       | 229 | 345   | 243 | 356       | 257 | 369   | 273 | 380       | 288 | 391   | 303 | 412   | 333 |
| 144000 | 4700         | 311       | 208 | 316       | 215 | 322   | 222 | 335       | 237 | 346   | 251 | 358       | 266 | 369   | 281 | 381       | 297 | 392   | 313 | 413   | 344 |
| 147000 | 4800         | 312       | 216 | 318       | 223 | 324   | 230 | 336       | 245 | 348   | 260 | 359       | 275 | 370   | 289 | 382       | 306 | 393   | 322 | 414   | 354 |
| 150100 | 4900         | 314       | 225 | 320       | 232 | 326   | 239 | 338       | 254 | 349   | 269 | 361       | 284 | 372   | 299 | 383       | 315 | 394   | 332 | 415   | 363 |
| 153100 | 5000         | 316       | 234 | 322       | 241 | 328   | 248 | 339       | 262 | 351   | 278 | 362       | 294 | 373   | 309 | 384       | 324 | 395   | 341 | 416   | 373 |



# SIZE 807

SINGLE WIDTH  
SINGLE INLET

# CENTRIFUGAL FAN TYPE F

WHEEL DIA. 80 3/4"

OUTLET AREA 37.49 SQ FT

| CFM    | O. V.<br>FPM | 1/4" SP |      | 3/8" SP |      | 1/2" SP |      | 5/8" SP |      | 3/4" SP |      | 7/8" SP |      | 1" SP |      | 1 1/4" SP |     | 1 1/2" SP |     | 1 3/4" SP |     |
|--------|--------------|---------|------|---------|------|---------|------|---------|------|---------|------|---------|------|-------|------|-----------|-----|-----------|-----|-----------|-----|
|        |              | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM   | BHP  | RPM       | BHP | RPM       | BHP | RPM       | BHP |
| 33700  | 900          | 63      | 2.37 | 76      | 3.31 | 87      | 4.86 | 97      | 6.67 | 107     | 9.59 | 115     | 10.0 | 123   | 12.5 |           |     |           |     |           |     |
| 37400  | 1000         | 64      | 2.80 | 77      | 3.79 | 88      | 5.46 | 98      | 7.39 | 108     | 10.5 | 116     | 11.6 | 124   | 14.7 |           |     |           |     |           |     |
| 41200  | 1100         | 66      | 3.30 | 78      | 4.34 | 89      | 6.17 | 99      | 8.23 | 109     | 11.6 | 117     | 13.1 | 125   | 16.0 |           |     |           |     |           |     |
| 44900  | 1200         | 68      | 3.89 | 79      | 4.98 | 90      | 6.92 | 100     | 9.15 | 110     | 12.8 | 118     | 14.4 | 126   | 17.4 |           |     |           |     |           |     |
| 48700  | 1300         | 69      | 4.55 | 80      | 5.68 | 91      | 7.80 | 101     | 10.1 | 111     | 14.1 | 119     | 15.7 | 127   | 18.9 |           |     |           |     |           |     |
| 52400  | 1400         | 71      | 5.32 | 82      | 6.51 | 92      | 8.74 | 102     | 11.3 | 112     | 15.5 | 120     | 17.2 | 128   | 20.6 |           |     |           |     |           |     |
| 56200  | 1500         | 73      | 6.22 | 83      | 7.43 | 93      | 9.82 | 103     | 12.5 | 113     | 16.8 | 121     | 18.8 | 129   | 22.6 |           |     |           |     |           |     |
| 59900  | 1600         | 76      | 7.22 | 85      | 8.44 | 94      | 11.0 | 104     | 13.8 | 114     | 18.1 | 122     | 20.5 | 130   | 24.3 |           |     |           |     |           |     |
| 63700  | 1700         | 78      | 8.33 | 87      | 9.59 | 96      | 12.3 | 105     | 15.4 | 115     | 20.6 | 123     | 22.6 | 131   | 26.4 |           |     |           |     |           |     |
| 67400  | 1800         | 81      | 9.59 | 89      | 10.8 | 98      | 13.8 | 107     | 17.0 | 116     | 22.5 | 124     | 24.4 | 132   | 28.6 |           |     |           |     |           |     |
| 71200  | 1900         | 83      | 10.9 | 91      | 12.3 | 99      | 15.4 | 109     | 18.1 | 118     | 24.7 | 126     | 26.6 | 134   | 30.6 |           |     |           |     |           |     |
| 74900  | 2000         | 86      | 12.4 | 94      | 13.8 | 101     | 15.4 | 109     | 17.0 | 116     | 20.6 | 122     | 22.3 | 130   | 24.3 |           |     |           |     |           |     |
| 78700  | 2100         | 89      | 14.0 | 96      | 15.6 | 103     | 17.1 | 111     | 18.8 | 118     | 22.5 | 124     | 24.4 | 132   | 26.4 |           |     |           |     |           |     |
| 82400  | 2200         | 91      | 15.7 | 99      | 17.5 | 106     | 19.1 | 113     | 20.7 | 119     | 24.7 | 128     | 26.6 | 134   | 28.6 |           |     |           |     |           |     |
| 86200  | 2300         | 94      | 17.7 | 101     | 19.5 | 108     | 21.1 | 115     | 22.8 | 121     | 26.4 | 130     | 28.6 | 136   | 30.6 |           |     |           |     |           |     |
| 89900  | 2400         | 97      | 19.6 | 104     | 21.7 | 110     | 23.4 | 117     | 25.2 | 123     | 27.0 | 129     | 29.0 | 135   | 31.0 |           |     |           |     |           |     |
| 93700  | 2500         | 100     | 21.9 | 106     | 23.9 | 113     | 25.9 | 119     | 27.7 | 125     | 29.5 | 131     | 31.5 | 137   | 33.5 |           |     |           |     |           |     |
| 97400  | 2600         | 103     | 24.2 | 109     | 26.5 | 115     | 28.6 | 121     | 30.3 | 127     | 32.3 | 133     | 34.2 | 139   | 36.4 |           |     |           |     |           |     |
| 101200 | 2700         | 106     | 26.6 | 112     | 29.1 | 118     | 31.3 | 124     | 33.3 | 129     | 35.2 | 135     | 37.2 | 141   | 39.4 |           |     |           |     |           |     |
| 104900 | 2800         | 109     | 29.3 | 115     | 32.0 | 120     | 34.2 | 126     | 36.3 | 132     | 38.4 | 137     | 40.4 | 143   | 42.5 |           |     |           |     |           |     |
| 108700 | 2900         | 112     | 32.2 | 118     | 34.9 | 123     | 37.3 | 129     | 39.7 | 134     | 41.7 | 139     | 43.8 | 145   | 45.0 |           |     |           |     |           |     |
| 112400 | 3000         | 115     | 35.2 | 121     | 38.1 | 126     | 40.7 | 131     | 43.1 | 136     | 45.3 | 142     | 47.5 | 147   | 49.7 |           |     |           |     |           |     |
| 116200 | 3100         | 119     | 38.2 | 124     | 41.5 | 129     | 44.2 | 134     | 46.8 | 139     | 49.1 | 144     | 51.2 | 149   | 53.5 |           |     |           |     |           |     |
| 119900 | 3200         | 122     | 41.3 | 127     | 45.0 | 132     | 47.9 | 136     | 50.4 | 142     | 53.1 | 146     | 55.4 | 151   | 57.7 |           |     |           |     |           |     |
| 123700 | 3300         | 125     | 44.6 | 130     | 48.6 | 135     | 51.9 | 139     | 54.6 | 144     | 57.3 | 149     | 59.6 | 154   | 61.8 |           |     |           |     |           |     |

| CFM    | O. V.<br>FPM | 2" SP |      | 2 1/4" SP |      | 2 1/2" SP |      | 2 3/4" SP |      | 3" SP |      | 3 1/4" SP |      | 3 1/2" SP |      | 3 3/4" SP |      | 4" SP |     | 4 1/4" SP |     |
|--------|--------------|-------|------|-----------|------|-----------|------|-----------|------|-------|------|-----------|------|-----------|------|-----------|------|-------|-----|-----------|-----|
|        |              | RPM   | BHP  | RPM       | BHP  | RPM       | BHP  | RPM       | BHP  | RPM   | BHP  | RPM       | BHP  | RPM       | BHP  | RPM       | BHP  | RPM   | BHP | RPM       | BHP |
| 78700  | 2100         | 175   | 41.2 | 185       | 45.8 | 194       | 50.6 |           |      |       |      |           |      |           |      |           |      |       |     |           |     |
| 82400  | 2200         | 176   | 43.6 | 185       | 48.4 | 195       | 53.3 |           |      |       |      |           |      |           |      |           |      |       |     |           |     |
| 86200  | 2300         | 177   | 46.3 | 186       | 51.0 | 195       | 56.1 | 204       | 61.2 |       |      | 221       | 71.8 |           |      |           |      |       |     |           |     |
| 89900  | 2400         | 178   | 49.3 | 187       | 54.1 | 196       | 59.1 | 205       | 64.3 | 213   | 69.7 | 221       | 75.2 | 229       | 80.7 |           |      |       |     |           |     |
| 93700  | 2500         | 178   | 52.2 | 188       | 57.3 | 197       | 62.4 | 206       | 67.6 | 214   | 73.1 | 222       | 78.7 | 230       | 84.3 | 238       | 90.1 |       |     |           |     |
| 97400  | 2600         | 179   | 55.3 | 189       | 60.6 | 198       | 65.8 | 206       | 71.1 | 215   | 76.7 | 222       | 82.4 | 230       | 88.2 | 238       | 94.0 | 245   | 100 |           |     |
| 101200 | 2700         | 181   | 58.6 | 190       | 63.8 | 199       | 69.5 | 207       | 74.8 | 215   | 80.4 | 223       | 86.2 | 231       | 92.1 | 238       | 98.2 | 246   | 104 |           |     |
| 104900 | 2800         | 182   | 62.4 | 191       | 67.6 | 199       | 73.2 | 208       | 79.0 | 216   | 84.4 | 224       | 90.2 | 232       | 96.3 | 239       | 102  | 246   | 108 | 253       | 114 |
| 108700 | 2900         | 183   | 66.1 | 192       | 71.5 | 200       | 77.0 | 209       | 83.0 | 217   | 88.9 | 225       | 94.6 | 233       | 100  | 240       | 106  | 247   | 113 | 254       | 119 |
| 112400 | 3000         | 185   | 69.9 | 193       | 75.7 | 202       | 81.2 | 210       | 86.8 | 218   | 93.3 | 226       | 99.4 | 233       | 105  | 241       | 111  | 248   | 118 | 255       | 124 |
| 116200 | 3100         | 187   | 74.2 | 195       | 79.9 | 203       | 85.8 | 211       | 91.6 | 219   | 97.6 | 227       | 104  | 234       | 110  | 242       | 116  | 249   | 122 | 255       | 129 |
| 119900 | 3200         | 188   | 78.5 | 196       | 84.2 | 204       | 90.3 | 212       | 96.3 | 220   | 102  | 227       | 108  | 235       | 115  | 242       | 121  | 249   | 128 | 256       | 134 |
| 123700 | 3300         | 190   | 83.3 | 198       | 89.1 | 206       | 95.2 | 214       | 101  | 221   | 107  | 228       | 113  | 236       | 120  | 243       | 127  | 250   | 134 | 257       | 140 |
| 127400 | 3400         | 191   | 88.2 | 200       | 94.0 | 207       | 100  | 215       | 106  | 222   | 113  | 230       | 119  | 237       | 125  | 244       | 132  | 251   | 139 | 258       | 146 |
| 131200 | 3500         | 193   | 93.2 | 201       | 99.4 | 209       | 105  | 216       | 111  | 224   | 118  | 231       | 125  | 238       | 131  | 245       | 138  | 252   | 145 | 259       | 152 |
| 134900 | 3600         | 195   | 98.6 | 203       | 104  | 211       | 111  | 218       | 117  | 225   | 124  | 232       | 131  | 239       | 137  | 246       | 144  | 253   | 151 | 260       | 159 |
| 138700 | 3700         | 197   | 104  | 205       | 110  | 212       | 117  | 220       | 123  | 227   | 130  | 234       | 137  | 241       | 144  | 247       | 150  | 254   | 158 | 260       | 165 |
| 142400 | 3800         | 199   | 110  | 207       | 116  | 214       | 123  | 222       | 129  | 229   | 136  | 235       | 143  | 242       | 150  | 249       | 157  | 255   | 164 | 262       | 172 |
| 146200 | 3900         | 201   | 116  | 208       | 122  | 216       | 129  | 223       | 136  | 230   | 142  | 237       | 150  | 243       | 157  | 250       | 164  | 257   | 172 | 263       | 179 |
| 149900 | 4000         | 203   | 123  | 210       | 129  | 218       | 136  | 225       | 143  | 232   | 150  | 239       | 157  | 245       | 164  | 251       | 171  | 258   | 179 | 264       | 186 |

| CFM    | O. V.<br>FPM | 4 1/2" SP |     | 4 3/4" SP |     | 5" SP |     | 5 1/2" SP |     | 6" SP |     | 6 1/2" SP |     | 7" SP |     | 7 1/2" SP |     | 8" SP |     | 9" SP |     |
|--------|--------------|-----------|-----|-----------|-----|-------|-----|-----------|-----|-------|-----|-----------|-----|-------|-----|-----------|-----|-------|-----|-------|-----|
|        |              | RPM       | BHP | RPM       | BHP | RPM   | BHP | RPM       | BHP | RPM   | BHP | RPM       | BHP | RPM   | BHP | RPM       | BHP | RPM   | BHP | RPM   | BHP |
| 116200 | 3100         | 262       | 136 |           |     |       |     |           |     |       |     |           |     |       |     |           |     |       |     |       |     |
| 119900 | 3200         | 263       | 141 | 269       | 148 | 275   | 155 | 288       | 169 |       |     |           |     |       |     |           |     |       |     |       |     |
| 123700 | 3300         | 264       | 147 | 270       | 154 | 276   | 161 | 289       | 176 |       |     |           |     |       |     |           |     |       |     |       |     |
| 127400 | 3400         | 265       | 153 | 271       | 160 | 277   | 167 | 289       | 182 | 301   | 197 | 313       | 213 | 324   | 228 |           |     |       |     |       |     |
| 131200 | 3500         | 266       | 159 | 272       | 166 | 278   | 174 | 290       | 189 | 302   | 204 | 314       | 219 | 325   | 236 |           |     |       |     |       |     |
| 134900 | 3600         | 266       | 166 | 273       | 173 | 279   | 180 | 291       | 195 | 303   | 211 | 314       | 227 | 325   | 242 | 336       | 260 |       |     |       |     |
| 138700 | 3700         | 267       | 173 | 274       | 180 | 280   | 188 | 292       | 203 | 304   | 218 | 315       | 234 | 326   | 251 | 337       | 267 |       |     |       |     |
| 142400 | 3800         | 268       | 179 | 275       | 187 | 281   | 195 | 293       | 210 | 304   | 225 | 316       | 242 | 326   | 259 | 337       | 276 | 347   | 293 |       |     |
| 146200 | 3900         | 269       | 186 | 275       | 194 | 282   | 202 | 294       | 218 | 305   | 234 | 316       | 249 | 327   | 267 | 338       | 284 | 348   | 301 |       |     |
| 149900 | 4000         | 270       | 194 | 276       | 201 | 282   | 209 | 295       | 226 | 306   | 242 | 317       | 258 | 328   | 275 | 338       | 293 | 348   | 311 | 368   | 347 |
| 153700 | 4100         | 272       | 202 | 278       | 210 | 283   | 217 | 295       | 234 | 307   | 251 | 318       | 267 | 329   | 284 | 339       | 302 | 349   | 320 | 369   | 356 |
| 157400 | 4200         | 273       | 210 | 279       | 218 | 285   | 226 | 296       | 242 | 308   | 260 | 319       | 276 | 330   | 294 | 340       | 310 | 350   | 329 | 369   | 367 |
| 161200 | 4300         | 274       | 218 | 280       | 227 | 286   | 234 | 297       | 251 | 309   | 268 | 320       | 286 | 331   | 303 | 341       | 321 | 351   | 338 | 370   | 377 |
| 164900 | 4400         | 276       | 227 | 282       | 235 | 287   | 244 | 299       | 260 | 309   | 277 | 321       | 296 | 331   | 313 | 342       | 331 | 352   | 349 | 371   | 387 |
| 168700 | 4500         | 277       | 235 | 283       | 244 | 289   | 253 | 300       | 269 | 311   | 287 | 322       | 305 | 332   | 324 | 343       | 341 | 353   | 360 | 372   | 398 |
| 172400 | 4600         | 279       | 245 | 284       | 253 | 290   | 262 | 301       | 280 | 312   | 297 | 322       | 314 | 333   | 334 | 344       | 353 | 353   | 370 | 372   | 408 |
| 176200 | 4700         | 281       | 255 | 286       | 263 | 291   | 272 | 303       | 290 | 313   | 307 | 323       | 325 | 334   | 344 | 344       | 364 | 354   | 383 | 373   | 420 |
| 179900 | 4800         | 282       | 265 | 288       | 273 | 293   | 282 | 304       | 300 | 315   | 318 | 325       | 336 | 335   | 354 | 345       | 375 | 355   | 394 | 374   | 433 |
| 183700 | 4900         | 284       | 276 | 290       | 283 | 295   | 293 | 305       | 311 | 316   | 329 | 326       | 347 | 336   | 366 | 346       | 385 | 356   | 406 | 375   | 445 |
| 187400 | 5000         | 285       | 286 | 291       | 295 | 297   | 303 | 307       | 321 | 317   | 341 | 327       | 360 | 337   | 378 | 347       | 397 | 357   | 418 | 376   | 455 |

CENTRIFUGAL FAN TYPE **F**SIZE **890**SINGLE WIDTH  
SINGLE INLET

WHEEL DIA. 89"

OUTLET AREA 45.54 SQ FT

| CFM    | O. V.<br>FPM | 1/4" SP |      | 3/8" SP |      | 1/2" SP |      | 5/8" SP |      | 3/4" SP |      | 7/8" SP |      | 1" SP |      | 1 1/4" SP |      | 1 1/2" SP |      | 1 3/4" SP |      |
|--------|--------------|---------|------|---------|------|---------|------|---------|------|---------|------|---------|------|-------|------|-----------|------|-----------|------|-----------|------|
|        |              | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM   | BHP  | RPM       | BHP  | RPM       | BHP  | RPM       | BHP  |
| 40900  | 900          | 57      | 2.87 | 69      | 4.02 | 79      | 5.25 |         |      |         |      |         |      |       |      |           |      |           |      |           |      |
| 45500  | 1000         | 59      | 3.41 | 69      | 4.60 | 79      | 5.91 | 88      | 7.30 |         |      |         |      |       |      |           |      |           |      |           |      |
| 50000  | 1100         | 60      | 4.01 | 70      | 5.27 | 80      | 6.63 | 88      | 8.10 | 96      | 9.63 |         |      |       |      |           |      |           |      |           |      |
| 54600  | 1200         | 61      | 4.72 | 71      | 6.05 | 81      | 7.49 | 89      | 8.98 | 97      | 10.5 | 104     | 12.2 |       |      |           |      |           |      |           |      |
| 59200  | 1300         | 63      | 5.53 | 73      | 6.90 | 81      | 8.40 | 90      | 10.0 | 97      | 11.6 | 104     | 13.3 | 111   | 15.2 |           |      |           |      |           |      |
| 63700  | 1400         | 65      | 6.46 | 74      | 7.91 | 83      | 9.48 | 90      | 11.1 | 98      | 12.8 | 105     | 14.6 | 112   | 16.5 | 124       | 20.4 |           |      |           |      |
| 68300  | 1500         | 67      | 7.55 | 76      | 9.02 | 84      | 10.6 | 91      | 12.3 | 99      | 14.1 | 106     | 16.0 | 112   | 17.9 | 125       | 21.9 |           |      |           |      |
| 72800  | 1600         | 69      | 8.77 | 77      | 10.2 | 85      | 11.9 | 93      | 13.7 | 100     | 15.5 | 107     | 17.5 | 113   | 19.4 | 125       | 23.6 | 136       | 28.0 |           |      |
| 77400  | 1700         | 71      | 10.1 | 79      | 11.6 | 87      | 13.4 | 94      | 15.2 | 101     | 17.1 | 107     | 19.0 | 114   | 21.2 | 126       | 25.4 | 137       | 30.0 | 147       | 34.7 |
| 81900  | 1800         | 73      | 11.6 | 81      | 13.2 | 88      | 14.9 | 96      | 16.8 | 102     | 18.8 | 109     | 20.9 | 115   | 23.0 | 127       | 27.4 | 137       | 32.1 | 148       | 36.8 |
| 86500  | 1900         | 75      | 13.3 | 83      | 14.9 | 90      | 16.7 | 97      | 18.7 | 104     | 20.7 | 110     | 22.8 | 116   | 25.0 | 127       | 29.6 | 138       | 34.3 | 148       | 39.3 |
| 91000  | 2000         | 78      | 15.0 | 85      | 16.8 | 92      | 18.7 | 99      | 20.6 | 105     | 22.8 | 111     | 24.9 | 117   | 27.2 | 128       | 31.8 | 139       | 36.7 | 149       | 41.8 |
| 95600  | 2100         | 80      | 17.0 | 87      | 18.9 | 94      | 20.8 | 100     | 22.8 | 107     | 25.0 | 113     | 27.2 | 118   | 29.5 | 129       | 34.3 | 140       | 39.5 | 150       | 44.6 |
| 100100 | 2200         | 83      | 19.1 | 89      | 21.2 | 96      | 23.2 | 102     | 25.1 | 108     | 27.4 | 114     | 29.7 | 120   | 32.0 | 130       | 37.0 | 140       | 42.1 | 150       | 47.6 |
| 104700 | 2300         | 86      | 21.4 | 92      | 23.7 | 98      | 25.7 | 104     | 27.8 | 110     | 30.0 | 116     | 32.3 | 121   | 34.8 | 132       | 39.9 | 141       | 45.1 | 151       | 50.7 |
| 109200 | 2400         | 88      | 23.9 | 94      | 26.3 | 100     | 28.5 | 106     | 30.6 | 112     | 32.8 | 117     | 35.2 | 123   | 37.7 | 133       | 42.8 | 143       | 48.4 | 152       | 53.8 |
| 113800 | 2500         | 91      | 26.6 | 96      | 29.1 | 102     | 31.4 | 108     | 33.7 | 114     | 35.9 | 119     | 38.3 | 124   | 40.7 | 135       | 46.1 | 144       | 51.7 | 153       | 57.4 |
| 118400 | 2600         | 94      | 29.4 | 99      | 32.2 | 105     | 34.7 | 110     | 36.8 | 115     | 39.3 | 121     | 41.6 | 126   | 44.2 | 136       | 49.7 | 145       | 55.2 | 154       | 61.3 |
| 122900 | 2700         | 96      | 32.3 | 102     | 35.3 | 107     | 38.1 | 112     | 40.4 | 117     | 42.8 | 123     | 45.2 | 128   | 47.8 | 138       | 53.4 | 147       | 59.1 | 155       | 65.2 |
| 127500 | 2800         | 99      | 35.7 | 104     | 38.8 | 109     | 41.6 | 114     | 44.1 | 119     | 46.6 | 125     | 49.1 | 130   | 51.7 | 139       | 57.2 | 148       | 63.2 | 157       | 69.2 |
| 132000 | 2900         | 102     | 39.1 | 107     | 42.4 | 112     | 45.4 | 117     | 48.2 | 122     | 50.6 | 126     | 53.2 | 131   | 55.8 | 141       | 61.5 | 150       | 67.5 | 158       | 73.8 |
| 136600 | 3000         | 105     | 42.7 | 110     | 46.3 | 114     | 49.5 | 119     | 52.4 | 124     | 55.0 | 129     | 57.7 | 133   | 60.4 | 143       | 66.0 | 151       | 72.1 | 160       | 78.4 |
| 141100 | 3100         | 108     | 46.4 | 112     | 50.4 | 117     | 53.6 | 121     | 56.8 | 126     | 59.6 | 131     | 62.1 | 135   | 65.0 | 144       | 70.7 | 153       | 76.9 | 161       | 83.5 |
| 145700 | 3200         | 111     | 50.2 | 115     | 54.7 | 120     | 58.3 | 124     | 61.3 | 128     | 64.6 | 133     | 67.2 | 137   | 70.1 | 146       | 75.9 | 155       | 82.0 | 163       | 88.7 |
| 150200 | 3300         | 113     | 54.1 | 118     | 59.1 | 122     | 63.0 | 126     | 66.4 | 131     | 69.6 | 135     | 72.4 | 139   | 75.1 | 148       | 81.1 | 156       | 87.5 | 164       | 94.0 |

| CFM    | O. V.<br>FPM | 2" SP |      | 2 1/4" SP |      | 2 1/2" SP |      | 2 3/4" SP |      | 3" SP |      | 3 1/4" SP |      | 3 1/2" SP |      | 3 3/4" SP |     | 4" SP |     | 4 1/4" SP |     |
|--------|--------------|-------|------|-----------|------|-----------|------|-----------|------|-------|------|-----------|------|-----------|------|-----------|-----|-------|-----|-----------|-----|
|        |              | RPM   | BHP  | RPM       | BHP  | RPM       | BHP  | RPM       | BHP  | RPM   | BHP  | RPM       | BHP  | RPM       | BHP  | RPM       | BHP | RPM   | BHP | RPM       | BHP |
| 95600  | 2100         | 159   | 50.0 | 168       | 55.7 | 176       | 61.4 |           |      |       |      |           |      |           |      |           |     |       |     |           |     |
| 100100 | 2200         | 160   | 53.0 | 168       | 58.8 | 177       | 64.7 |           |      |       |      |           |      |           |      |           |     |       |     |           |     |
| 104700 | 2300         | 160   | 56.3 | 169       | 62.0 | 177       | 68.2 | 185       | 74.4 |       |      |           |      |           |      |           |     |       |     |           |     |
| 109200 | 2400         | 161   | 59.9 | 170       | 65.7 | 178       | 71.8 | 186       | 78.2 | 193   | 84.7 | 201       | 91.3 | 208       | 98.0 |           |     |       |     |           |     |
| 113800 | 2500         | 162   | 63.4 | 171       | 69.7 | 179       | 75.8 | 186       | 82.2 | 194   | 88.8 | 201       | 95.6 | 208       | 102  |           |     |       |     |           |     |
| 118400 | 2600         | 163   | 67.2 | 171       | 73.7 | 179       | 80.0 | 187       | 86.4 | 195   | 93.1 | 202       | 100  | 209       | 107  | 216       | 114 | 223   | 121 | 229       | 129 |
| 122900 | 2700         | 164   | 71.3 | 172       | 77.6 | 180       | 84.5 | 188       | 90.9 | 195   | 97.7 | 203       | 104  | 209       | 111  | 216       | 119 | 223   | 126 | 230       | 134 |
| 127500 | 2800         | 165   | 75.8 | 173       | 82.1 | 181       | 88.9 | 189       | 95.9 | 196   | 102  | 203       | 109  | 210       | 117  | 217       | 124 | 223   | 132 | 230       | 139 |
| 132000 | 2900         | 166   | 80.3 | 174       | 86.9 | 182       | 93.5 | 190       | 100  | 197   | 108  | 204       | 114  | 211       | 122  | 218       | 129 | 224   | 137 | 230       | 145 |
| 136600 | 3000         | 168   | 84.9 | 176       | 91.9 | 183       | 98.7 | 190       | 105  | 198   | 113  | 205       | 120  | 212       | 127  | 218       | 135 | 225   | 143 | 231       | 151 |
| 141100 | 3100         | 169   | 90.1 | 177       | 97.1 | 184       | 104  | 191       | 111  | 198   | 118  | 206       | 126  | 213       | 134  | 219       | 141 | 226   | 149 | 232       | 157 |
| 145700 | 3200         | 171   | 95.4 | 178       | 102  | 185       | 109  | 193       | 117  | 199   | 124  | 206       | 132  | 213       | 140  | 220       | 148 | 226   | 155 | 233       | 163 |
| 150200 | 3300         | 172   | 101  | 180       | 108  | 187       | 115  | 194       | 123  | 201   | 130  | 207       | 138  | 214       | 146  | 221       | 154 | 227   | 162 | 233       | 170 |
| 154800 | 3400         | 174   | 107  | 181       | 114  | 188       | 121  | 195       | 129  | 202   | 137  | 208       | 144  | 215       | 152  | 221       | 161 | 228   | 169 | 234       | 178 |
| 159300 | 3500         | 175   | 113  | 183       | 120  | 190       | 128  | 196       | 135  | 203   | 143  | 210       | 151  | 216       | 160  | 222       | 167 | 229   | 177 | 235       | 185 |
| 163900 | 3600         | 177   | 119  | 184       | 127  | 191       | 135  | 198       | 142  | 204   | 150  | 211       | 159  | 217       | 167  | 223       | 175 | 229   | 183 | 236       | 193 |
| 168400 | 3700         | 179   | 126  | 186       | 134  | 193       | 142  | 200       | 149  | 206   | 157  | 212       | 166  | 218       | 175  | 224       | 183 | 230   | 192 | 236       | 200 |
| 173000 | 3800         | 180   | 134  | 187       | 141  | 194       | 149  | 201       | 157  | 207   | 165  | 213       | 174  | 220       | 183  | 226       | 191 | 231   | 200 | 237       | 209 |
| 177600 | 3900         | 182   | 141  | 189       | 149  | 196       | 157  | 202       | 165  | 209   | 173  | 215       | 182  | 221       | 191  | 227       | 200 | 233   | 209 | 238       | 217 |
| 182100 | 4000         | 184   | 149  | 191       | 157  | 197       | 165  | 204       | 173  | 210   | 182  | 217       | 190  | 222       | 199  | 228       | 208 | 234   | 217 | 240       | 227 |

| CFM    | O. V.<br>FPM | 4 1/2" SP |     | 4 3/4" SP |     | 5" SP |     | 5 1/2" SP |     | 6" SP |     | 6 1/2" SP |     | 7" SP |     | 7 1/2" SP |     | 8" SP |     | 9" SP |     |
|--------|--------------|-----------|-----|-----------|-----|-------|-----|-----------|-----|-------|-----|-----------|-----|-------|-----|-----------|-----|-------|-----|-------|-----|
|        |              | RPM       | BHP | RPM       | BHP | RPM   | BHP | RPM       | BHP | RPM   | BHP | RPM       | BHP | RPM   | BHP | RPM       | BHP | RPM   | BHP | RPM   | BHP |
| 141100 | 3100         | 238       | 165 | 244       | 174 | 250   | 182 | 261       | 199 |       |     |           |     |       |     |           |     |       |     |       |     |
| 145700 | 3200         | 239       | 172 | 244       | 180 | 250   | 189 | 262       | 206 |       |     |           |     |       |     |           |     |       |     |       |     |
| 150200 | 3300         | 239       | 178 | 245       | 187 | 251   | 196 | 262       | 214 | 273   | 231 |           |     |       |     |           |     |       |     |       |     |
| 154800 | 3400         | 240       | 186 | 246       | 194 | 252   | 203 | 263       | 221 | 274   | 240 | 284       | 258 | 294   | 277 |           |     |       |     |       |     |
| 159300 | 3500         | 241       | 194 | 247       | 202 | 252   | 211 | 263       | 229 | 274   | 248 | 284       | 267 | 295   | 286 |           |     |       |     |       |     |
| 163900 | 3600         | 242       | 202 | 248       | 210 | 253   | 219 | 264       | 237 | 275   | 256 | 285       | 276 | 295   | 295 |           |     |       |     |       |     |
| 168400 | 3700         | 242       | 210 | 248       | 219 | 254   | 228 | 265       | 246 | 275   | 265 | 285       | 285 | 296   | 305 | 305       | 325 |       |     |       |     |
| 173000 | 3800         | 243       | 218 | 249       | 227 | 255   | 237 | 266       | 255 | 276   | 274 | 286       | 294 | 296   | 314 | 306       | 335 | 315   | 356 |       |     |
| 177600 | 3900         | 244       | 226 | 250       | 236 | 256   | 246 | 267       | 265 | 277   | 284 | 287       | 303 | 297   | 325 | 306       | 345 | 316   | 366 |       |     |
| 182100 | 4000         | 245       | 236 | 251       | 245 | 256   | 255 | 267       | 275 | 278   | 294 | 288       | 314 | 298   | 334 | 307       | 356 | 316   | 378 | 334   | 421 |
| 186700 | 4100         | 246       | 245 | 252       | 255 | 257   | 264 | 268       | 285 | 279   | 305 | 289       | 325 | 298   | 345 | 308       | 367 | 317   | 388 | 335   | 432 |
| 191200 | 4200         | 248       | 255 | 253       | 265 | 258   | 274 | 269       | 294 | 279   | 315 | 289       | 336 | 299   | 357 | 308       | 377 | 318   | 400 | 335   | 445 |
| 195800 | 4300         | 249       | 265 | 254       | 275 | 259   | 285 | 270       | 305 | 280   | 326 | 290       | 348 | 300   | 368 | 309       | 390 | 318   | 411 | 336   | 458 |
| 200300 | 4400         | 250       | 276 | 256       | 286 | 261   | 296 | 271       | 316 | 281   | 337 | 291       | 359 | 301   | 381 | 310       | 402 | 319   | 424 | 336   | 470 |
| 204900 | 4500         | 251       | 286 | 257       | 297 | 262   | 307 | 272       | 327 | 282   | 348 | 292       | 371 | 302   | 393 | 311       | 415 | 320   | 437 | 337   | 483 |
| 209400 | 4600         | 253       | 298 | 258       | 308 | 263   | 319 | 273       | 340 | 283   | 361 | 292       | 382 | 302   | 406 | 312       | 429 | 321   | 450 | 338   | 496 |
| 214000 | 4700         | 255       | 310 | 260       | 320 | 264   | 330 | 275       | 352 | 284   | 373 | 293       | 395 | 303   | 418 | 312       | 442 | 321   | 465 | 339   | 511 |
| 218500 | 4800         | 256       | 322 | 261       | 332 | 266   | 342 | 276       | 365 | 285   | 387 | 295       | 408 | 304   | 430 | 313       | 455 | 322   | 479 | 340   | 526 |
| 223100 | 4900         | 258       | 335 | 263       | 344 | 268   | 356 | 277       | 378 | 287   | 400 | 296       | 422 | 305   | 445 | 314       | 468 | 323   | 493 | 340   | 540 |
| 227600 | 5000         | 259       | 348 | 264       | 358 | 269   | 368 | 278       | 390 | 288   | 414 | 297       | 437 | 306   | 459 | 315       | 482 | 324   | 507 | 341   | 557 |



# SIZE 982

SINGLE WIDTH  
SINGLE INLET

# CENTRIFUGAL FAN TYPE F

WHEEL DIA. 98 1/4"

OUTLET AREA 55.50 SQ FT

| CFM    | O. V.<br>FPM | 1/4" SP |      | 3/8" SP |      | 1/2" SP |      | 5/8" SP |      | 3/4" SP |      | 7/8" SP |      | 1" SP |      | 1 1/4" SP |      | 1 1/2" SP |      | 1 3/4" SP |      |
|--------|--------------|---------|------|---------|------|---------|------|---------|------|---------|------|---------|------|-------|------|-----------|------|-----------|------|-----------|------|
|        |              | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM   | BHP  | RPM       | BHP  | RPM       | BHP  | RPM       | BHP  |
| 49900  | 900          | 52      | 3.50 | 62      | 4.89 | 71      | 6.40 | 80      | 8.90 | 87      | 11.7 | 94      | 14.9 | 101   | 20.1 | 113       | 28.8 | 124       | 39.1 | 134       | 44.9 |
| 55500  | 1000         | 53      | 4.15 | 63      | 5.60 | 72      | 7.20 | 81      | 10.9 | 88      | 14.2 | 95      | 16.3 | 102   | 21.8 | 114       | 31.0 | 124       | 39.1 | 134       | 44.9 |
| 61000  | 1100         | 54      | 4.89 | 64      | 6.42 | 72      | 8.08 | 80      | 9.87 | 87      | 11.7 | 94      | 14.9 | 101   | 20.1 | 113       | 28.8 | 124       | 39.1 | 134       | 44.9 |
| 66600  | 1200         | 55      | 5.75 | 65      | 7.38 | 73      | 9.13 | 81      | 10.9 | 88      | 14.2 | 95      | 16.3 | 102   | 21.8 | 114       | 31.0 | 124       | 39.1 | 134       | 44.9 |
| 72100  | 1300         | 57      | 6.74 | 66      | 8.41 | 74      | 10.2 | 81      | 12.1 | 88      | 14.2 | 95      | 16.3 | 102   | 21.8 | 114       | 31.0 | 124       | 39.1 | 134       | 44.9 |
| 77700  | 1400         | 59      | 7.88 | 67      | 9.64 | 75      | 11.5 | 82      | 13.5 | 89      | 15.6 | 95      | 17.8 | 101   | 20.1 | 113       | 28.8 | 124       | 39.1 | 134       | 44.9 |
| 83200  | 1500         | 60      | 9.20 | 69      | 10.9 | 76      | 12.9 | 83      | 15.0 | 90      | 17.2 | 96      | 19.5 | 102   | 21.8 | 114       | 31.0 | 124       | 39.1 | 134       | 44.9 |
| 88800  | 1600         | 62      | 10.6 | 70      | 12.5 | 77      | 14.5 | 84      | 16.7 | 90      | 18.9 | 97      | 21.3 | 103   | 23.7 | 113       | 28.8 | 124       | 39.1 | 134       | 44.9 |
| 94300  | 1700         | 64      | 12.3 | 72      | 14.2 | 79      | 16.3 | 85      | 18.5 | 91      | 20.9 | 97      | 23.2 | 103   | 25.9 | 114       | 31.0 | 124       | 39.1 | 134       | 44.9 |
| 99900  | 1800         | 66      | 14.2 | 73      | 16.1 | 80      | 18.2 | 87      | 20.5 | 93      | 23.0 | 98      | 25.4 | 104   | 28.0 | 115       | 33.4 | 124       | 39.1 | 134       | 44.9 |
| 105400 | 1900         | 68      | 16.2 | 75      | 18.2 | 82      | 20.4 | 88      | 22.8 | 94      | 25.2 | 99      | 27.8 | 105   | 30.5 | 115       | 36.1 | 125       | 41.8 | 134       | 47.9 |
| 111000 | 2000         | 70      | 18.3 | 77      | 20.5 | 83      | 22.8 | 89      | 25.1 | 95      | 27.7 | 101     | 30.3 | 106   | 33.2 | 116       | 38.8 | 126       | 44.8 | 135       | 51.0 |
| 116500 | 2100         | 73      | 20.8 | 79      | 23.1 | 85      | 25.4 | 91      | 27.8 | 97      | 30.5 | 102     | 33.1 | 107   | 36.0 | 117       | 41.8 | 127       | 48.1 | 135       | 54.4 |
| 122100 | 2200         | 75      | 23.3 | 81      | 25.9 | 87      | 28.2 | 93      | 30.7 | 98      | 33.4 | 103     | 36.2 | 109   | 39.1 | 118       | 45.2 | 127       | 51.3 | 136       | 58.0 |
| 127600 | 2300         | 77      | 26.2 | 83      | 28.9 | 89      | 31.3 | 94      | 33.8 | 100     | 36.5 | 105     | 39.4 | 110   | 42.4 | 119       | 48.6 | 128       | 55.0 | 137       | 61.8 |
| 133200 | 2400         | 80      | 29.1 | 85      | 32.1 | 91      | 34.7 | 96      | 37.3 | 101     | 40.0 | 106     | 42.9 | 111   | 46.0 | 120       | 52.2 | 129       | 59.0 | 138       | 65.5 |
| 138700 | 2500         | 82      | 32.4 | 87      | 35.5 | 93      | 38.3 | 98      | 41.0 | 103     | 43.8 | 108     | 46.7 | 113   | 49.7 | 122       | 56.2 | 130       | 63.1 | 139       | 70.0 |
| 144300 | 2600         | 85      | 35.8 | 90      | 39.2 | 95      | 42.3 | 100     | 44.9 | 105     | 47.9 | 109     | 50.7 | 114   | 53.9 | 123       | 60.5 | 131       | 67.3 | 140       | 74.7 |
| 149800 | 2700         | 87      | 39.4 | 92      | 43.1 | 97      | 46.4 | 102     | 49.3 | 106     | 52.2 | 111     | 55.1 | 116   | 58.3 | 125       | 65.1 | 133       | 72.0 | 141       | 79.5 |
| 155400 | 2800         | 90      | 43.5 | 94      | 47.3 | 99      | 50.7 | 104     | 53.8 | 108     | 56.8 | 113     | 59.9 | 117   | 63.0 | 126       | 69.7 | 134       | 77.0 | 142       | 84.4 |
| 160900 | 2900         | 92      | 47.7 | 97      | 51.7 | 101     | 55.3 | 106     | 58.8 | 110     | 61.7 | 115     | 64.9 | 119   | 68.1 | 128       | 74.9 | 136       | 82.3 | 143       | 89.9 |
| 166500 | 3000         | 95      | 52.1 | 99      | 56.4 | 104     | 60.3 | 108     | 63.9 | 112     | 67.0 | 116     | 70.3 | 121   | 73.6 | 129       | 80.4 | 137       | 87.9 | 145       | 95.6 |
| 172000 | 3100         | 97      | 56.5 | 102     | 61.4 | 106     | 65.4 | 110     | 69.2 | 114     | 72.7 | 118     | 75.7 | 122   | 79.3 | 131       | 86.2 | 139       | 93.7 | 146       | 101  |
| 177600 | 3200         | 100     | 61.2 | 104     | 66.6 | 108     | 71.0 | 112     | 74.7 | 116     | 78.7 | 120     | 82.0 | 124   | 85.4 | 132       | 92.5 | 140       | 99.9 | 148       | 108  |
| 183100 | 3300         | 103     | 66.0 | 107     | 72.0 | 111     | 76.8 | 115     | 80.9 | 118     | 84.9 | 122     | 88.2 | 126   | 91.6 | 134       | 98.9 | 142       | 106  | 149       | 114  |

| CFM    | O. V.<br>FPM | 2" SP |      | 2 1/4" SP |      | 2 1/2" SP |      | 2 3/4" SP |      | 3" SP |      | 3 1/4" SP |     | 3 1/2" SP |     | 3 3/4" SP |     | 4" SP |     | 4 1/4" SP |     |
|--------|--------------|-------|------|-----------|------|-----------|------|-----------|------|-------|------|-----------|-----|-----------|-----|-----------|-----|-------|-----|-----------|-----|
|        |              | RPM   | BHP  | RPM       | BHP  | RPM       | BHP  | RPM       | BHP  | RPM   | BHP  | RPM       | BHP | RPM       | BHP | RPM       | BHP | RPM   | BHP | RPM       | BHP |
| 116500 | 2100         | 144   | 61.0 | 152       | 67.9 | 160       | 74.9 | 167       | 86.3 | 175   | 98.4 | 182       | 106 | 189       | 119 | 195       | 133 | 202   | 154 | 208       | 169 |
| 122100 | 2200         | 145   | 64.6 | 152       | 71.7 | 160       | 78.9 | 168       | 90.7 | 175   | 103  | 182       | 111 | 189       | 124 | 195       | 133 | 202   | 154 | 208       | 169 |
| 127600 | 2300         | 145   | 68.6 | 153       | 75.5 | 160       | 83.1 | 168       | 95.3 | 175   | 108  | 182       | 116 | 189       | 124 | 195       | 133 | 202   | 154 | 208       | 169 |
| 133200 | 2400         | 146   | 73.0 | 154       | 80.1 | 161       | 87.5 | 168       | 95.3 | 175   | 108  | 182       | 116 | 189       | 124 | 195       | 133 | 202   | 154 | 208       | 169 |
| 138700 | 2500         | 147   | 77.3 | 155       | 84.9 | 162       | 92.3 | 169       | 100  | 176   | 108  | 182       | 116 | 189       | 124 | 195       | 133 | 202   | 154 | 208       | 169 |
| 144300 | 2600         | 147   | 81.9 | 155       | 89.8 | 163       | 97.5 | 170       | 105  | 176   | 113  | 183       | 121 | 189       | 130 | 196       | 145 | 202   | 154 | 208       | 169 |
| 149800 | 2700         | 148   | 86.8 | 156       | 94.5 | 163       | 103  | 170       | 110  | 177   | 119  | 183       | 127 | 190       | 136 | 196       | 145 | 202   | 154 | 208       | 169 |
| 155400 | 2800         | 150   | 92.4 | 157       | 100  | 164       | 108  | 171       | 116  | 178   | 125  | 184       | 133 | 190       | 142 | 196       | 151 | 202   | 154 | 208       | 169 |
| 160900 | 2900         | 151   | 97.9 | 158       | 105  | 165       | 114  | 172       | 122  | 178   | 131  | 185       | 140 | 191       | 148 | 197       | 158 | 203   | 167 | 209       | 177 |
| 166500 | 3000         | 152   | 103  | 159       | 112  | 166       | 120  | 172       | 128  | 179   | 138  | 186       | 147 | 192       | 155 | 198       | 164 | 204   | 174 | 209       | 184 |
| 172000 | 3100         | 153   | 109  | 160       | 118  | 167       | 127  | 173       | 135  | 180   | 144  | 186       | 154 | 193       | 163 | 199       | 172 | 204   | 181 | 210       | 191 |
| 177600 | 3200         | 155   | 116  | 161       | 124  | 168       | 133  | 174       | 142  | 181   | 151  | 187       | 161 | 193       | 171 | 199       | 180 | 205   | 190 | 211       | 199 |
| 183100 | 3300         | 156   | 123  | 163       | 131  | 169       | 140  | 176       | 150  | 182   | 159  | 188       | 168 | 194       | 178 | 200       | 188 | 206   | 198 | 211       | 208 |
| 188700 | 3400         | 157   | 130  | 164       | 139  | 170       | 148  | 177       | 157  | 183   | 167  | 189       | 176 | 195       | 186 | 201       | 196 | 206   | 207 | 212       | 217 |
| 194200 | 3500         | 159   | 138  | 165       | 147  | 172       | 156  | 178       | 165  | 184   | 175  | 190       | 185 | 196       | 195 | 201       | 204 | 207   | 215 | 213       | 226 |
| 199800 | 3600         | 160   | 146  | 167       | 155  | 173       | 164  | 179       | 174  | 185   | 184  | 191       | 194 | 197       | 203 | 202       | 214 | 208   | 224 | 213       | 235 |
| 205300 | 3700         | 162   | 154  | 168       | 163  | 175       | 173  | 181       | 182  | 186   | 192  | 192       | 203 | 198       | 213 | 203       | 223 | 209   | 234 | 214       | 244 |
| 210900 | 3800         | 163   | 163  | 170       | 172  | 176       | 182  | 182       | 192  | 188   | 202  | 193       | 212 | 199       | 223 | 204       | 233 | 210   | 243 | 215       | 254 |
| 216400 | 3900         | 165   | 172  | 171       | 181  | 177       | 191  | 183       | 201  | 189   | 211  | 195       | 222 | 200       | 233 | 206       | 243 | 211   | 254 | 216       | 265 |
| 222000 | 4000         | 167   | 182  | 173       | 191  | 179       | 201  | 185       | 211  | 191   | 222  | 196       | 232 | 201       | 242 | 207       | 254 | 212   | 265 | 217       | 276 |

| CFM    | O. V.<br>FPM | 4 1/2" SP |     | 4 3/4" SP |     | 5" SP |     | 5 1/2" SP |     | 6" SP |     | 6 1/2" SP |     | 7" SP |     | 7 1/2" SP |     | 8" SP |     | 9" SP |     |
|--------|--------------|-----------|-----|-----------|-----|-------|-----|-----------|-----|-------|-----|-----------|-----|-------|-----|-----------|-----|-------|-----|-------|-----|
|        |              | RPM       | BHP | RPM       | BHP | RPM   | BHP | RPM       | BHP | RPM   | BHP | RPM       | BHP | RPM   | BHP | RPM       | BHP | RPM   | BHP | RPM   | BHP |
| 172000 | 3100         | 215       | 202 | 221       | 212 | 226   | 222 |           |     |       |     |           |     |       |     |           |     |       |     |       |     |
| 177600 | 3200         | 216       | 209 | 221       | 220 | 227   | 230 |           |     |       |     |           |     |       |     |           |     |       |     |       |     |
| 183100 | 3300         | 217       | 218 | 222       | 228 | 227   | 239 | 237       | 261 |       |     |           |     |       |     |           |     |       |     |       |     |
| 188700 | 3400         | 218       | 227 | 223       | 237 | 228   | 248 | 238       | 270 | 247   | 292 | 257       | 315 |       |     |           |     |       |     |       |     |
| 194200 | 3500         | 218       | 236 | 224       | 247 | 229   | 257 | 239       | 280 | 248   | 302 | 258       | 325 | 267   | 349 | 276       | 373 |       |     |       |     |
| 199800 | 3600         | 219       | 246 | 224       | 257 | 229   | 267 | 239       | 289 | 249   | 313 | 258       | 336 | 267   | 359 | 276       | 385 | 285   | 409 |       |     |
| 205300 | 3700         | 220       | 256 | 225       | 267 | 230   | 278 | 240       | 300 | 250   | 323 | 259       | 347 | 268   | 372 | 277       | 396 | 285   | 422 |       |     |
| 210900 | 3800         | 220       | 265 | 226       | 277 | 231   | 289 | 241       | 311 | 250   | 334 | 259       | 359 | 268   | 383 | 277       | 408 | 286   | 433 | 302   | 486 |
| 216400 | 3900         | 221       | 276 | 226       | 287 | 231   | 300 | 241       | 323 | 251   | 346 | 260       | 370 | 269   | 396 | 277       | 421 | 286   | 446 | 303   | 500 |
| 222000 | 4000         | 222       | 287 | 227       | 298 | 232   | 310 | 242       | 335 | 252   | 358 | 261       | 383 | 270   | 408 | 278       | 434 | 286   | 460 | 303   | 513 |
| 227500 | 4100         | 223       | 299 | 228       | 310 | 233   | 322 | 243       | 347 | 252   | 372 | 262       | 396 | 270   | 420 | 279       | 447 | 287   | 473 | 303   | 527 |
| 233100 | 4200         | 224       | 311 | 229       | 323 | 234   | 335 | 243       | 359 | 253   | 385 | 262       | 409 | 271   | 435 | 279       | 459 | 288   | 488 | 304   | 543 |
| 238600 | 4300         | 225       | 323 | 230       | 336 | 235   | 347 | 244       | 371 | 254   | 398 | 263       | 424 | 272   | 448 | 280       | 475 | 288   | 501 | 304   | 558 |
| 244200 | 4400         | 227       | 336 | 231       | 348 | 236   | 361 | 245       | 385 | 254   | 410 | 264       | 438 | 272   | 464 | 281       | 490 | 289   | 517 | 305   | 573 |
| 249700 | 4500         | 228       | 349 | 233       | 362 | 237   | 374 | 246       | 399 | 255   | 425 | 264       | 452 | 273   | 479 | 282       | 506 | 290   | 533 | 305   | 589 |
| 255300 | 4600         | 229       | 363 | 234       | 375 | 238   | 389 | 248       | 414 | 256   | 440 | 265       | 465 | 274   | 495 | 282       | 522 | 290   | 548 | 306   | 604 |
| 260800 | 4700         | 231       | 377 | 235       | 390 | 240   | 403 | 249       | 429 | 257   | 455 | 266       | 482 | 274   | 510 | 283       | 538 | 291   | 567 | 307   | 623 |
| 266400 | 4800         | 232       | 392 | 237       | 405 | 241   | 417 | 250       | 445 | 259   | 472 | 267       | 498 | 275   | 524 | 284       | 555 | 292   | 584 | 308   | 641 |
| 271900 | 4900         | 233       | 408 | 238       | 420 | 242   | 434 | 251       | 460 | 260   | 488 | 268       | 514 | 276   | 542 | 284       | 571 | 293   | 601 | 308   | 659 |
| 277500 | 5000         | 235       | 424 | 239       | 437 | 244   | 449 | 252       | 475 | 261   | 504 | 269       | 532 | 277   | 560 | 285       | 588 | 293   | 619 | 309   | 679 |

CENTRIFUGAL FAN TYPE **F**SIZE **1087**SINGLE WIDTH  
SINGLE INLET

WHEEL DIA. 108 3/4"

OUTLET AREA 68.00 SQ FT

| CFM    | O. V.<br>FPM | 1/4" SP |      | 3/8" SP |      | 1/2" SP |      | 5/8" SP |      | 3/4" SP |      | 7/8" SP |      | 1" SP |      | 1 1/4" SP |      | 1 1/2" SP |      | 1 3/4" SP |      |
|--------|--------------|---------|------|---------|------|---------|------|---------|------|---------|------|---------|------|-------|------|-----------|------|-----------|------|-----------|------|
|        |              | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM     | BHP  | RPM   | BHP  | RPM       | BHP  | RPM       | BHP  | RPM       | BHP  |
| 61200  | 900          | 47      | 4.29 | 56      | 6.00 | 64      | 7.84 | 72      | 9.73 |         |      |         |      |       |      |           |      |           |      |           |      |
| 68000  | 1000         | 48      | 5.09 | 57      | 6.87 | 65      | 8.82 | 72      | 10.9 |         |      |         |      |       |      |           |      |           |      |           |      |
| 74800  | 1100         | 49      | 5.99 | 57      | 7.86 | 65      | 9.90 | 72      | 12.0 | 79      | 14.3 |         |      |       |      |           |      |           |      |           |      |
| 81600  | 1200         | 50      | 7.05 | 58      | 9.04 | 66      | 11.1 | 73      | 13.4 | 79      | 15.8 | 85      | 18.3 |       |      |           |      |           |      |           |      |
| 88400  | 1300         | 52      | 8.26 | 59      | 10.3 | 67      | 12.5 | 73      | 14.9 | 80      | 17.3 | 85      | 20.0 | 91    | 22.7 |           |      |           |      |           |      |
| 95200  | 1400         | 53      | 9.65 | 61      | 11.8 | 68      | 14.1 | 74      | 16.6 | 80      | 19.1 | 86      | 21.8 | 91    | 24.6 |           |      |           |      |           |      |
| 102000 | 1500         | 55      | 11.2 | 62      | 13.4 | 69      | 15.8 | 75      | 18.4 | 81      | 21.1 | 87      | 23.8 | 92    | 26.7 | 102       | 32.8 |           |      |           |      |
| 108800 | 1600         | 56      | 13.0 | 63      | 15.3 | 70      | 17.8 | 76      | 20.4 | 82      | 23.2 | 87      | 26.1 | 93    | 29.1 | 102       | 35.3 | 112       | 41.9 |           |      |
| 115600 | 1700         | 58      | 15.1 | 65      | 17.4 | 71      | 20.0 | 77      | 22.7 | 83      | 25.6 | 88      | 28.4 | 93    | 31.7 | 103       | 37.9 | 112       | 44.8 | 120       | 51.8 |
| 122400 | 1800         | 60      | 17.4 | 66      | 19.7 | 72      | 22.3 | 78      | 25.2 | 84      | 28.1 | 89      | 31.2 | 94    | 34.3 | 104       | 41.0 | 112       | 47.9 | 121       | 55.0 |
| 129200 | 1900         | 62      | 19.8 | 68      | 22.3 | 74      | 25.0 | 79      | 27.9 | 85      | 30.9 | 90      | 34.1 | 95    | 37.3 | 104       | 44.3 | 113       | 51.2 | 121       | 58.7 |
| 136000 | 2000         | 64      | 22.5 | 69      | 25.1 | 75      | 27.9 | 81      | 30.8 | 86      | 34.0 | 91      | 37.2 | 96    | 40.6 | 105       | 47.6 | 114       | 54.9 | 122       | 62.5 |
| 142800 | 2100         | 66      | 25.4 | 71      | 28.3 | 77      | 31.1 | 82      | 34.1 | 87      | 37.3 | 92      | 40.6 | 97    | 44.1 | 106       | 51.3 | 114       | 58.9 | 122       | 66.6 |
| 149600 | 2200         | 68      | 28.6 | 73      | 31.8 | 78      | 34.6 | 84      | 37.6 | 89      | 40.9 | 93      | 44.4 | 98    | 47.9 | 107       | 55.3 | 115       | 62.9 | 123       | 71.1 |
| 156400 | 2300         | 70      | 32.1 | 75      | 35.4 | 80      | 38.4 | 85      | 41.5 | 90      | 44.8 | 95      | 48.3 | 99    | 52.0 | 108       | 59.6 | 116       | 67.4 | 124       | 75.8 |
| 163200 | 2400         | 72      | 35.7 | 77      | 39.4 | 82      | 42.5 | 87      | 45.8 | 91      | 49.0 | 96      | 52.6 | 100   | 56.4 | 109       | 64.0 | 117       | 72.3 | 124       | 80.3 |
| 170000 | 2500         | 74      | 39.7 | 79      | 43.5 | 84      | 46.9 | 88      | 50.3 | 93      | 53.6 | 97      | 57.2 | 102   | 60.9 | 110       | 68.8 | 118       | 77.3 | 125       | 85.8 |
| 176800 | 2600         | 77      | 43.9 | 81      | 48.1 | 86      | 51.8 | 90      | 55.0 | 94      | 58.6 | 99      | 62.1 | 103   | 66.0 | 111       | 74.2 | 119       | 82.4 | 126       | 91.5 |
| 183600 | 2700         | 79      | 48.3 | 83      | 52.8 | 88      | 56.9 | 92      | 60.4 | 96      | 63.9 | 100     | 67.6 | 105   | 71.5 | 113       | 79.7 | 120       | 88.3 | 127       | 97.4 |
| 190400 | 2800         | 81      | 53.3 | 85      | 58.0 | 89      | 62.2 | 94      | 65.9 | 98      | 69.6 | 102     | 73.4 | 106   | 77.2 | 114       | 85.4 | 121       | 94.4 | 128       | 103  |
| 197200 | 2900         | 83      | 58.4 | 88      | 63.4 | 91      | 67.7 | 96      | 72.0 | 100     | 75.6 | 104     | 79.5 | 108   | 83.4 | 115       | 91.8 | 123       | 100  | 130       | 110  |
| 204000 | 3000         | 86      | 63.8 | 90      | 69.1 | 94      | 73.9 | 97      | 78.3 | 101     | 82.1 | 105     | 86.1 | 109   | 90.2 | 117       | 98.6 | 124       | 107  | 131       | 117  |
| 210800 | 3100         | 88      | 69.3 | 92      | 75.3 | 96      | 80.1 | 99      | 84.9 | 103     | 89.1 | 107     | 92.8 | 111   | 97.2 | 118       | 105  | 125       | 114  | 132       | 124  |
| 217600 | 3200         | 90      | 75.0 | 94      | 81.6 | 98      | 87.0 | 101     | 91.5 | 105     | 96.4 | 109     | 100  | 112   | 104  | 120       | 113  | 127       | 122  | 133       | 132  |
| 224400 | 3300         | 93      | 80.9 | 96      | 88.3 | 100     | 94.1 | 103     | 99.1 | 107     | 104  | 111     | 108  | 114   | 112  | 121       | 121  | 128       | 130  | 135       | 140  |

| CFM    | O. V.<br>FPM | 2" SP |      | 2 1/4" SP |      | 2 1/2" SP |      | 2 3/4" SP |     | 3" SP |     | 3 1/4" SP |     | 3 1/2" SP |     | 3 3/4" SP |     | 4" SP |     | 4 1/4" SP |     |
|--------|--------------|-------|------|-----------|------|-----------|------|-----------|-----|-------|-----|-----------|-----|-----------|-----|-----------|-----|-------|-----|-----------|-----|
|        |              | RPM   | BHP  | RPM       | BHP  | RPM       | BHP  | RPM       | BHP | RPM   | BHP | RPM       | BHP | RPM       | BHP | RPM       | BHP | RPM   | BHP | RPM       | BHP |
| 142800 | 2100         | 130   | 74.7 | 137       | 83.2 | 144       | 91.8 |           |     |       |     |           |     |           |     |           |     |       |     |           |     |
| 149600 | 2200         | 131   | 79.1 | 138       | 87.9 | 145       | 96.7 | 151       | 105 |       |     |           |     |           |     |           |     |       |     |           |     |
| 156400 | 2300         | 131   | 84.0 | 138       | 92.5 | 145       | 101  | 152       | 111 | 158   | 120 | 164       | 130 |           |     |           |     |       |     |           |     |
| 163200 | 2400         | 132   | 89.5 | 139       | 98.2 | 146       | 107  | 152       | 116 | 158   | 126 | 164       | 136 | 170       | 146 |           |     |       |     |           |     |
| 170000 | 2500         | 132   | 94.8 | 140       | 104  | 146       | 113  | 153       | 122 | 159   | 132 | 165       | 142 | 171       | 153 | 176       | 163 |       |     |           |     |
| 176800 | 2600         | 133   | 100  | 140       | 110  | 147       | 119  | 153       | 129 | 159   | 139 | 165       | 149 | 171       | 160 | 177       | 170 | 182   | 181 |           |     |
| 183600 | 2700         | 134   | 106  | 141       | 115  | 148       | 126  | 154       | 135 | 160   | 145 | 166       | 156 | 171       | 167 | 177       | 178 | 182   | 188 | 188       | 200 |
| 190400 | 2800         | 135   | 113  | 142       | 122  | 148       | 132  | 155       | 143 | 161   | 153 | 166       | 163 | 172       | 174 | 177       | 185 | 183   | 197 | 188       | 208 |
| 197200 | 2900         | 136   | 119  | 143       | 129  | 149       | 139  | 155       | 150 | 161   | 161 | 167       | 171 | 173       | 182 | 178       | 193 | 183   | 205 | 189       | 217 |
| 204000 | 3000         | 137   | 126  | 144       | 137  | 150       | 147  | 156       | 157 | 162   | 169 | 168       | 180 | 173       | 191 | 179       | 202 | 184   | 214 | 189       | 225 |
| 210800 | 3100         | 139   | 134  | 145       | 145  | 151       | 155  | 157       | 166 | 162   | 177 | 168       | 188 | 174       | 200 | 179       | 211 | 195   | 222 | 190       | 235 |
| 217600 | 3200         | 140   | 142  | 146       | 152  | 152       | 163  | 158       | 174 | 163   | 185 | 169       | 197 | 175       | 209 | 180       | 221 | 195   | 232 | 190       | 244 |
| 224400 | 3300         | 141   | 151  | 147       | 161  | 153       | 172  | 159       | 184 | 164   | 194 | 170       | 206 | 175       | 218 | 181       | 231 | 196   | 243 | 191       | 255 |
| 231200 | 3400         | 142   | 160  | 148       | 170  | 154       | 181  | 160       | 193 | 165   | 205 | 171       | 216 | 176       | 227 | 181       | 241 | 197   | 253 | 192       | 266 |
| 238000 | 3500         | 143   | 169  | 150       | 180  | 155       | 191  | 161       | 202 | 168   | 214 | 172       | 226 | 177       | 238 | 182       | 250 | 197   | 264 | 192       | 277 |
| 244800 | 3600         | 145   | 178  | 151       | 190  | 157       | 201  | 162       | 213 | 167   | 225 | 173       | 237 | 178       | 249 | 183       | 262 | 198   | 274 | 193       | 288 |
| 251600 | 3700         | 146   | 189  | 152       | 200  | 158       | 212  | 163       | 223 | 168   | 235 | 174       | 248 | 179       | 261 | 184       | 273 | 199   | 286 | 193       | 299 |
| 258400 | 3800         | 148   | 200  | 153       | 211  | 159       | 223  | 165       | 235 | 170   | 247 | 175       | 260 | 180       | 273 | 185       | 286 | 199   | 298 | 194       | 312 |
| 265200 | 3900         | 149   | 211  | 155       | 222  | 160       | 234  | 166       | 247 | 171   | 259 | 176       | 272 | 181       | 285 | 186       | 298 | 190   | 312 | 195       | 325 |
| 272000 | 4000         | 151   | 223  | 156       | 234  | 162       | 246  | 167       | 259 | 172   | 272 | 177       | 284 | 182       | 297 | 187       | 311 | 192   | 325 | 196       | 339 |

| CFM    | O. V.<br>FPM | 4 1/2" SP |     | 4 3/4" SP |     | 5" SP |     | 5 1/2" SP |     | 6" SP |     | 6 1/2" SP |     | 7" SP |     | 7 1/2" SP |     | 8" SP |     | 9" SP |     |
|--------|--------------|-----------|-----|-----------|-----|-------|-----|-----------|-----|-------|-----|-----------|-----|-------|-----|-----------|-----|-------|-----|-------|-----|
|        |              | RPM       | BHP | RPM       | BHP | RPM   | BHP | RPM       | BHP | RPM   | BHP | RPM       | BHP | RPM   | BHP | RPM       | BHP | RPM   | BHP | RPM   | BHP |
| 210800 | 3100         | 195       | 247 | 199       | 260 | 204   | 272 |           |     |       |     |           |     |       |     |           |     |       |     |       |     |
| 217600 | 3200         | 195       | 257 | 200       | 269 | 205   | 282 | 214       | 308 |       |     |           |     |       |     |           |     |       |     |       |     |
| 224400 | 3300         | 196       | 267 | 201       | 280 | 205   | 293 | 214       | 319 | 223   | 346 | 232       | 374 |       |     |           |     |       |     |       |     |
| 231200 | 3400         | 197       | 278 | 201       | 290 | 206   | 303 | 215       | 331 | 224   | 358 | 232       | 386 | 241   | 415 |           |     |       |     |       |     |
| 238000 | 3500         | 197       | 290 | 202       | 302 | 207   | 315 | 216       | 343 | 224   | 371 | 233       | 398 | 241   | 428 | 249       | 457 |       |     |       |     |
| 244800 | 3600         | 198       | 302 | 203       | 315 | 207   | 328 | 216       | 354 | 225   | 383 | 233       | 412 | 241   | 440 | 250       | 471 |       |     |       |     |
| 251600 | 3700         | 198       | 314 | 203       | 327 | 208   | 341 | 217       | 368 | 225   | 396 | 234       | 425 | 242   | 456 | 250       | 485 | 258   | 517 |       |     |
| 258400 | 3800         | 199       | 325 | 204       | 340 | 209   | 354 | 218       | 381 | 226   | 409 | 234       | 440 | 242   | 470 | 250       | 500 | 258   | 531 | 273   | 596 |
| 265200 | 3900         | 200       | 338 | 204       | 352 | 209   | 367 | 218       | 396 | 227   | 424 | 235       | 453 | 243   | 485 | 251       | 516 | 258   | 547 | 273   | 612 |
| 272000 | 4000         | 201       | 352 | 205       | 366 | 210   | 380 | 219       | 411 | 227   | 439 | 236       | 469 | 244   | 500 | 251       | 532 | 259   | 564 | 274   | 629 |
| 278800 | 4100         | 202       | 366 | 206       | 381 | 210   | 394 | 219       | 425 | 228   | 456 | 236       | 485 | 244   | 515 | 252       | 548 | 259   | 580 | 274   | 646 |
| 285600 | 4200         | 203       | 382 | 207       | 395 | 211   | 410 | 220       | 439 | 229   | 471 | 237       | 502 | 245   | 533 | 252       | 563 | 260   | 598 | 274   | 665 |
| 292400 | 4300         | 204       | 396 | 208       | 412 | 212   | 425 | 221       | 455 | 229   | 487 | 238       | 519 | 245   | 550 | 253       | 582 | 260   | 614 | 275   | 684 |
| 299200 | 4400         | 205       | 412 | 209       | 427 | 213   | 443 | 222       | 472 | 230   | 503 | 239       | 536 | 246   | 569 | 254       | 600 | 261   | 633 | 275   | 703 |
| 306000 | 4500         | 206       | 427 | 210       | 444 | 214   | 459 | 223       | 489 | 231   | 520 | 239       | 554 | 247   | 588 | 254       | 620 | 262   | 653 | 276   | 722 |
| 312800 | 4600         | 207       | 445 | 211       | 460 | 215   | 476 | 224       | 508 | 232   | 539 | 239       | 570 | 247   | 606 | 255       | 640 | 262   | 672 | 277   | 740 |
| 319600 | 4700         | 208       | 463 | 212       | 478 | 216   | 494 | 225       | 526 | 232   | 557 | 240       | 590 | 248   | 624 | 256       | 660 | 263   | 694 | 277   | 763 |
| 326400 | 4800         | 210       | 480 | 214       | 496 | 218   | 512 | 226       | 545 | 234   | 578 | 241       | 610 | 248   | 642 | 256       | 680 | 264   | 716 | 278   | 785 |
| 333200 | 4900         | 211       | 500 | 215       | 515 | 219   | 531 | 227       | 564 | 235   | 598 | 242       | 630 | 249   | 665 | 257       | 699 | 264   | 737 | 278   | 807 |
| 340000 | 5000         | 212       | 519 | 216       | 535 | 220   | 551 | 228       | 583 | 236   | 618 | 243       | 653 | 250   | 686 | 258       | 720 | 265   | 758 | 279   | 830 |