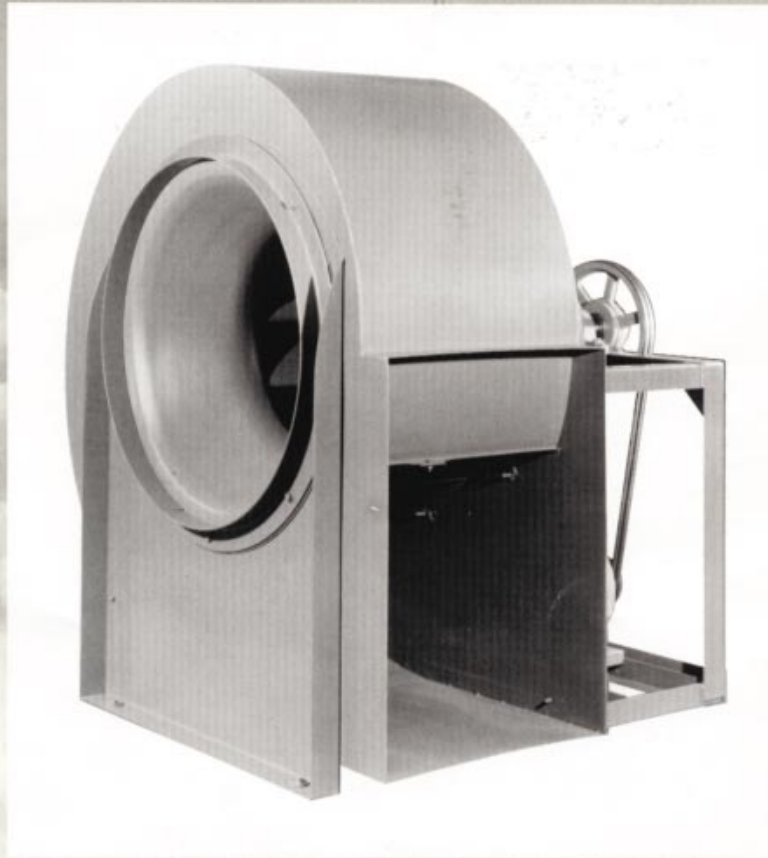




## ULTRAFAN-PAK 2000



**NON-OVERLOADING BELT DRIVE  
ARRANGEMENT 10, CLASS 1 CONSTRUCTION**



***PEERLESS ELECTRIC***

**MADISON MANUFACTURING COMPANY**  
AFFILIATE OF PEERLESS-WINSMITH, INC.

# PEERLESS ELECTRIC NON-OVERLOADING BELT DRIVE "ULTRAFAN-PAK 2000" BLOWERS

...OMNIA, packaged fans built with quality that feature:

Class 1 performance cataloged to 5" WG static pressure. Air delivery ranges from 382 CFM to 25,576 CFM.

Non-overloading performance – the backward inclined blade wheel gives a brake horsepower that levels off at a point to allow economical selection of motors that will not overload if system pressure drops. The top four sizes have airfoil blades.

Easy installation and maintenance – the self-contained, completely packaged units allow

and bearings for ease in installation, lubrication, belt adjustment and wiring.

Rugged construction – heavy gauge all-welded steel construction. Discharge position on all sizes may be rotated to any of eight 45° positions.

## CERTIFIED PERFORMANCE RATINGS

Peerless Electric/Madison Manufacturing Company certifies that the "ULTRAFAN-PAK 2000" Blowers shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in

with AMCA Publication 211 and comply with the requirements of the AMCA Certified Ratings



## ULTRAFAN-PAK 2000 BLOWER CONSTRUCTION FEATURES

### Wheels

Flat Blade Wheel – backward inclined non-overloading wheels standard on sizes 105 through 245. Airfoil Wheel – backward curved airfoil wheels standard on sizes 270 through 365. All wheels are statically and dynamically balanced.

### Motor Base

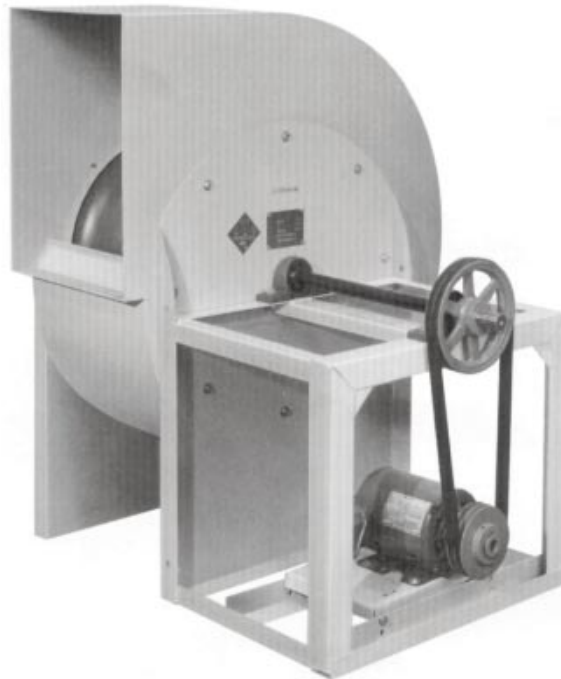
Heavy construction assures sturdy base for motor mounting. Pivoted at one end features easy adjustment for belt tension.

### Bearings

Self-aligning ball bearings pillow blocks. These bearings are designed to operate under the most severe atmospheric conditions

### Inlet

Circular angle ring. Rigid streamlined inlet.



### Shaft

Ground and polished solid steel key-wayed on each end.

### Motor

Commercial standard Fan and Blower duty motors are job-matched to each requirement. All types of current characteristics, enclosures and bearing construction are available

### Frame

All welded steel construction. Easy access to motor for

### Housing

All are convertible and may be rotated easily to any of eight 45° positions.

### Adjustable V-Belt Drive

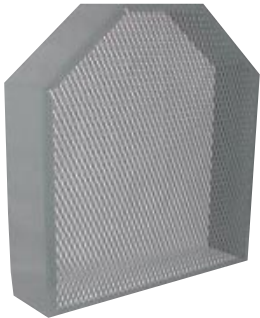
High quality CAST Iron adjustable pitch motor sheaves are standard equipment. V-Belts with ample service factor is also employed. When performance data is specified, BLOWERS are factory set to exact blower speed to meet job requirements. Constant speed drives are also available.

## ULTRAFAN-PAK 2000 ACCESSORIES



**DRIVE COVER**

1



**BELT GAURD**

2



**SHUTTER**

3

### 1. Weather Cover

Covers entire drive side frame and motor. Eliminates need for penthouse or other protection outdoors. Fastens securely with four screws.

### 2. Belt Guard

Covers the drives and entire frame end. Constructed of heavy gauge expanded metal mesh with welded steel frame. Securely fastened with four screws to blower frame.

### 3. Automatic Discharge Shutter

Self-contained in adapter sleeve and securely attached to fan discharge. All materials resistant to weather corrosion. Constructed to prevent backdrafts and entrance of rain and snow. Discharge screens are not available with shutters.

### 4. Clean-Out Doors

Bolted Door – Removable door for ease of cleaning and inspection. Bolted to housing with hex head bolts and gasketed for tight seal. Quick-Opening Door – Held in place with pressure latches, hinged at the bottom and gasketed. Raised access doors are also available with a standard height of 1" above mounting surface.

### 5. Vibration Rail Bases

Shock mounting rubber-in-shear rails or pads and spring rails or pads are available as stock items.

### 6. Other Accessories

All size blowers are available with extra features such as: inlet vanes, drain fittings, inlet or discharge screens, flanged inlets or outlets, and heat slingers.

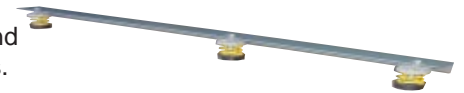


**BOLTED DOOR**

4



**QUICK-OPENING DOOR**



**SPRING RAIL**



**R.I.S. RAIL**

5

## STANDARDS ADOPTED FOR SPARK-RESISTANT FANS AMCA STANDARD 99-0401-86

**Spark Resistant – Type A:** AMCA Standards require that all parts of the fan in contact with the air or gas being handled shall be made of non-ferrous material.

**Spark Resistant – Type B:** AMCA Standards require the fan to have the wheel and ring about the opening through which the shaft passes of non-ferrous material. Ferrous hubs, shafts and hardware are permitted. Fans for this condition are furnished with a non-ferrous wheel (except hub and hardware) and a non-ferrous rubbing plate or non-ferrous shaft seal around the shaft opening.

**Spark Resistant – Type C:** AMCA Standards require the fan to be so constructed that a shift of the wheel or shaft will not permit two ferrous parts of the fan to rub or strike. Fans for this condition will be furnished with a non-ferrous inlet cone and rubbing plate around the shaft opening.

**Note:** For all type spark resistant fans, the user shall electrically ground all fan parts. Either A or B construction conforms to requirements of National Board of Fire Underwriters Pamphlet No. 91 for Fans handling flammable vapors. Bearings shall not be placed in the air or gas stream. A non-ferrous material shall be any material with less than 5% iron or any other material with demonstrated ability to be spark resistant.

The use of these constructions in no way implies a guarantee of safety for any level of spark resistance. Spark resistant construction does not protect against ignition of explosive gases caused by catastrophic failure or from any airstream material that may be present in a system.

# PEERLESS-ELECTRIC ULTRAFAN-PAK 2000 PERFORMANCE TABLES

## B-105

TIP SPEED (FPM) = 2.749 X RPM

OUTLET {.636 SQ. FT. INSIDE}  
{11-3/4" X 8" OUTSIDE}

MAX. HP = .0387 (RPM / 1000)<sup>3</sup>

WHEEL DIAMETER - 10-1/2"

INLET {.894 SQ. FT. INSIDE}  
{12-7/8" DIA. OUTSIDE}

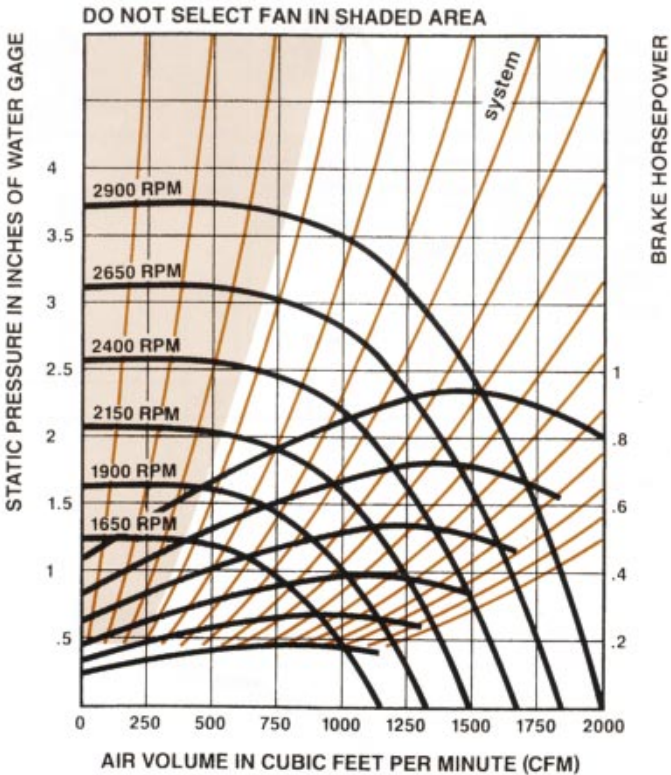
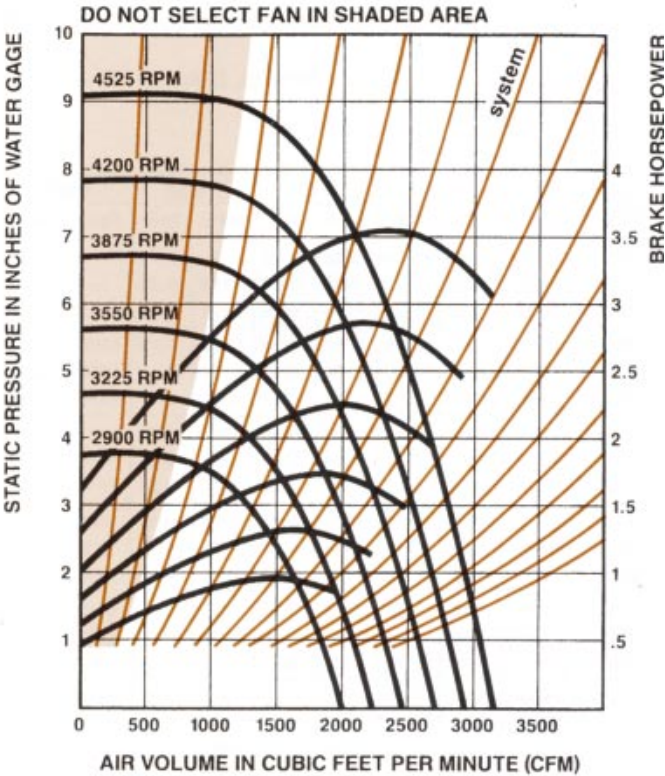
MAX. RPM CL. I 13623  
CL. II 4724

| VOL<br>CFM | VEL<br>FPM | 0.25 SP |      | 0.5 SP |      | 0.75 |      | 1      |      | 1.25 |      | 1.5    |      | 2    |      | 2.5    |      | 3    |      | 3.5    |      |
|------------|------------|---------|------|--------|------|------|------|--------|------|------|------|--------|------|------|------|--------|------|------|------|--------|------|
|            |            | RPM     | BHP  | RPM    | BHP  | RPM  | BHP  | RPM    | BHP  | RPM  | BHP  | RPM    | BHP  | RPM  | BHP  | RPM    | BHP  | RPM  | BHP  | RPM    | BHP  |
| 509        | 800        | 965     | 0.03 | 1177   | 0.06 | 1369 | 0.09 | 1545   | 0.13 | 1709 | 0.16 | -      | -    | -    | -    | -      | -    | -    | -    | -      | -    |
| 572        | 900        | 1034    | 0.04 | 1227   | 0.07 | 1407 | 0.10 | 1574   | 0.14 | 1729 | 0.18 | 1876   | 0.22 | -    | -    | -      | -    | -    | -    | -      | -    |
| 636        | 1000       | 1106    | 0.05 | 1283   | 0.08 | 1451 | 0.11 | 1609   | 0.15 | 1757 | 0.19 | 1898   | 0.23 | 2159 | 0.33 | -      | -    | -    | -    | -      | -    |
| 700        | 1100       | 1183    | 0.06 | 1345   | 0.09 | 1502 | 0.13 | 1651   | 0.17 | 1792 | 0.21 | 1926   | 0.25 | 2178 | 0.35 | 2412   | 0.46 | -    | -    | -      | -    |
| 763        | 1200       | 1261    | 0.07 | 1411   | 0.11 | 1557 | 0.14 | 1698   | 0.18 | 1832 | 0.23 | 1961   | 0.27 | 2204 | 0.37 | 2429   | 0.48 | 2641 | 0.60 | -      | -    |
| 827        | 1300       | 1342    | 0.09 | 1481   | 0.12 | 1618 | 0.16 | 1750   | 0.20 | 1878 | 0.25 | 2001   | 0.29 | 2234 | 0.40 | 2452   | 0.51 | 2658 | 0.62 | 2853   | 0.75 |
| 890        | 1400       | 1425    | 0.10 | 1554   | 0.14 | 1682 | 0.18 | 1807   | 0.23 | 1928 | 0.27 | 2046   | 0.32 | 2270 | 0.42 | 2481   | 0.54 | 2680 | 0.66 | 2870   | 0.79 |
| 954        | 1500       | 1509    | 0.12 | 1629   | 0.16 | 1749 | 0.20 | 1867   | 0.25 | 1982 | 0.30 | 2095   | 0.35 | 2310 | 0.45 | 2514   | 0.57 | 2707 | 0.69 | 2892   | 0.82 |
| 1018       | 1600       | 1594    | 0.14 | 1707   | 0.18 | 1820 | 0.23 | 1931   | 0.28 | 2040 | 0.33 | 2148   | 0.38 | 2354 | 0.49 | 2551   | 0.60 | 2739 | 0.73 | 2919   | 0.86 |
| 1081       | 1700       | 1681    | 0.17 | 1786   | 0.21 | 1892 | 0.25 | 1998   | 0.30 | 2102 | 0.36 | 2204   | 0.41 | 2403 | 0.52 | 2593   | 0.64 | 2774 | 0.77 | 2949   | 0.91 |
| 1145       | 1800       | 1768    | 0.19 | 1867   | 0.23 | 1967 | 0.28 | 2067   | 0.34 | 2166 | 0.39 | 2264   | 0.45 | 2454 | 0.56 | 2637   | 0.68 | 2814 | 0.82 | 2983   | 0.95 |
| 1208       | 1900       | 1856    | 0.22 | 1949   | 0.27 | 2044 | 0.32 | 2139   | 0.37 | 2233 | 0.43 | 2326   | 0.48 | 2509 | 0.60 | 2686   | 0.73 | 2857 | 0.86 | 3021   | 1.00 |
| 1272       | 2000       | 1945    | 0.25 | 2032   | 0.30 | 2122 | 0.35 | 2213   | 0.41 | 2302 | 0.46 | 2391   | 0.52 | 2567 | 0.65 | 2737   | 0.78 | 2903 | 0.91 | 3063   | 1.06 |
| 1336       | 2100       | 2033    | 0.29 | 2116   | 0.34 | 2202 | 0.39 | 2288   | 0.45 | 2374 | 0.51 | 2459   | 0.57 | 2627 | 0.70 | 2792   | 0.83 | 2952 | 0.97 | 3107   | 1.12 |
| 1399       | 2200       | 2121    | 0.33 | 2201   | 0.38 | 2283 | 0.43 | 2365   | 0.49 | 2447 | 0.55 | 2529   | 0.61 | 2690 | 0.75 | 2849   | 0.89 | 3003 | 1.03 | 3154   | 1.18 |
| 1463       | 2300       | 2210    | 0.37 | 2287   | 0.42 | 2365 | 0.47 | 2443   | 0.53 | 2522 | 0.60 | 2600   | 0.66 | 2755 | 0.80 | 2908   | 0.94 | 3058 | 1.09 | 3204   | 1.24 |
| 1526       | 2400       | 2298    | 0.41 | 2373   | 0.47 | 2447 | 0.52 | 2523   | 0.58 | 2598 | 0.65 | 2673   | 0.72 | 2822 | 0.86 | 2970   | 1.01 | 3115 | 1.16 | 3257   | 1.31 |
| 1654       | 2600       | 2475    | 0.51 | 2548   | 0.57 | 2615 | 0.63 | 2685   | 0.70 | 2754 | 0.76 | 2824   | 0.84 | 2962 | 0.98 | 3099   | 1.14 | 3235 | 1.30 | 3369   | 1.46 |
| 1781       | 2800       | 2655    | 0.63 | 2725   | 0.70 | 2786 | 0.76 | 2850   | 0.82 | 2915 | 0.90 | 2979   | 0.97 | 3108 | 1.13 | 3236   | 1.29 | 3363 | 1.46 | 3489   | 1.63 |
| 1908       | 3000       | 2841    | 0.77 | 2902   | 0.84 | 2960 | 0.90 | 3018   | 0.97 | 3078 | 1.05 | 3138   | 1.12 | 3259 | 1.28 | 3379   | 1.46 | 3498 | 1.63 | 3617   | 1.81 |
| 2035       | 3200       | 3027    | 0.93 | 3078   | 0.99 | 3135 | 1.07 | 3189   | 1.14 | 3244 | 1.21 | 3301   | 1.29 | 3414 | 1.46 | 3527   | 1.64 | 3639 | 1.82 | 3751   | 2.01 |
| 2162       | 3400       | 3200    | 1.09 | 3255   | 1.17 | 3311 | 1.25 | 3362   | 1.32 | 3413 | 1.40 | 3466   | 1.49 | 3573 | 1.66 | 3679   | 1.84 | 3785 | 2.04 | 3890   | 2.23 |
| VOL<br>CFM | VEL<br>FPM | 4 SP    |      | 4.5 SP |      | 5 SP |      | 5.5 SP |      | 6 SP |      | 6.5 SP |      | 7 SP |      | 7.5 SP |      | 8 SP |      | 8.5 SP |      |
|            |            | RPM     | BHP  | RPM    | BHP  | RPM  | BHP  | RPM    | BHP  | RPM  | BHP  | RPM    | BHP  | RPM  | BHP  | RPM    | BHP  | RPM  | BHP  | RPM    | BHP  |
| 1208       | 1900       | 3181    | 1.15 | 3335   | 1.31 | 3485 | 1.47 | 3630   | 1.63 | 3772 | 1.81 | 3910   | 1.98 | 4045 | 2.17 | 4176   | 2.36 | -    | -    | -      | -    |
| 1272       | 2000       | 3218    | 1.21 | 3368   | 1.36 | 3515 | 1.53 | 3657   | 1.70 | 3796 | 1.87 | 3931   | 2.05 | 4063 | 2.24 | 4192   | 2.43 | 4319 | 2.63 | 4443   | 2.83 |
| 1336       | 2100       | 3258    | 1.27 | 3405   | 1.43 | 3548 | 1.59 | 3687   | 1.76 | 3823 | 1.94 | 3955   | 2.12 | 4085 | 2.31 | 4212   | 2.50 | 4336 | 2.70 | 4458   | 2.91 |
| 1399       | 2200       | 3301    | 1.33 | 3444   | 1.50 | 3584 | 1.66 | 3720   | 1.84 | 3853 | 2.01 | 3983   | 2.20 | 4110 | 2.39 | 4235   | 2.58 | 4357 | 2.78 | 4477   | 2.99 |
| 1463       | 2300       | 3347    | 1.40 | 3487   | 1.57 | 3623 | 1.74 | 3756   | 1.91 | 3886 | 2.09 | 4013   | 2.28 | 4138 | 2.47 | 4261   | 2.67 | 4380 | 2.87 | 4498   | 3.08 |
| 1526       | 2400       | 3396    | 1.47 | 3532   | 1.64 | 3665 | 1.81 | 3795   | 1.99 | 3922 | 2.18 | 4047   | 2.37 | 4169 | 2.56 | 4289   | 2.76 | 4407 | 2.96 | 4523   | 3.17 |
| 1654       | 2600       | 3500    | 1.63 | 3629   | 1.81 | 3756 | 1.98 | 3880   | 2.17 | 4002 | 2.36 | 4122   | 2.55 | 4239 | 2.75 | 4355   | 2.96 | 4468 | 3.16 | 4580   | 3.38 |
| 1781       | 2800       | 3613    | 1.81 | 3736   | 1.99 | 3856 | 2.17 | 3975   | 2.36 | 4091 | 2.56 | 4206   | 2.76 | 4319 | 2.96 | 4430   | 3.17 | 4540 | 3.39 | 4647   | 3.60 |
| 1908       | 3000       | 3734    | 2.00 | 3850   | 2.19 | 3965 | 2.38 | 4078   | 2.58 | 4189 | 2.78 | 4299   | 2.98 | 4408 | 3.19 | 4515   | 3.41 | 4620 | 3.63 | 4724   | 3.85 |
| 2035       | 3200       | 3862    | 2.21 | 3972   | 2.41 | 4081 | 2.61 | 4189   | 2.81 | 4295 | 3.02 | 4401   | 3.23 | 4505 | 3.45 | 4607   | 3.67 | 4709 | 3.89 | -      | -    |
| 2162       | 3400       | 3995    | 2.44 | 4100   | 2.64 | 4204 | 2.85 | 4306   | 3.06 | 4408 | 3.28 | 4509   | 3.50 | 4609 | 3.72 | 4708   | 3.95 | -    | -    | -      | -    |
| 2290       | 3600       | 4134    | 2.68 | 4234   | 2.90 | 4332 | 3.12 | 4430   | 3.34 | 4528 | 3.56 | 4624   | 3.79 | 4720 | 4.02 | -      | -    | -    | -    | -      | -    |
| 2417       | 3800       | 4278    | 2.95 | 4372   | 3.18 | 4466 | 3.40 | 4560   | 3.63 | 4653 | 3.87 | -      | -    | -    | -    | -      | -    | -    | -    | -      | -    |
| 2544       | 4000       | 4425    | 3.24 | 4515   | 3.48 | 4605 | 3.71 | 4694   | 3.95 | -    | -    | -      | -    | -    | -    | -      | -    | -    | -    | -      | -    |
| 2671       | 4200       | 4576    | 3.56 | 4662   | 3.80 | -    | -    | -      | -    | -    | -    | -      | -    | -    | -    | -      | -    | -    | -    | -      | -    |

PERFORMANCE SHOWN IS FOR INSTALLATION TYPE B - FREE INLET, DUCTED OUTLET.  
POWER RATING (BHP) DOES NOT INCLUDE DRIVE LOSSES.  
PERFORMANCE RATINGS DO NOT INCLUDE THE EFFECTS OF APPURTENANCES IN THE AIRSTREAM.

CLASS I BLOWERS

CLASS II BLOWERS



# PEERLESS-ELECTRIC ULTRAFAN-PAK 2000 PERFORMANCE TABLES

## B-122

TIP SPEED (RPM) = 3.207 X RPM

OUTLET {.858 SQ. FT. INSIDE}  
{13-1/4" X 9-5/8" OUTSIDE}

MAX. HP = .1009 (RPM / 1000)<sup>3</sup>

WHEEL DIAMETER - 12-1/4"

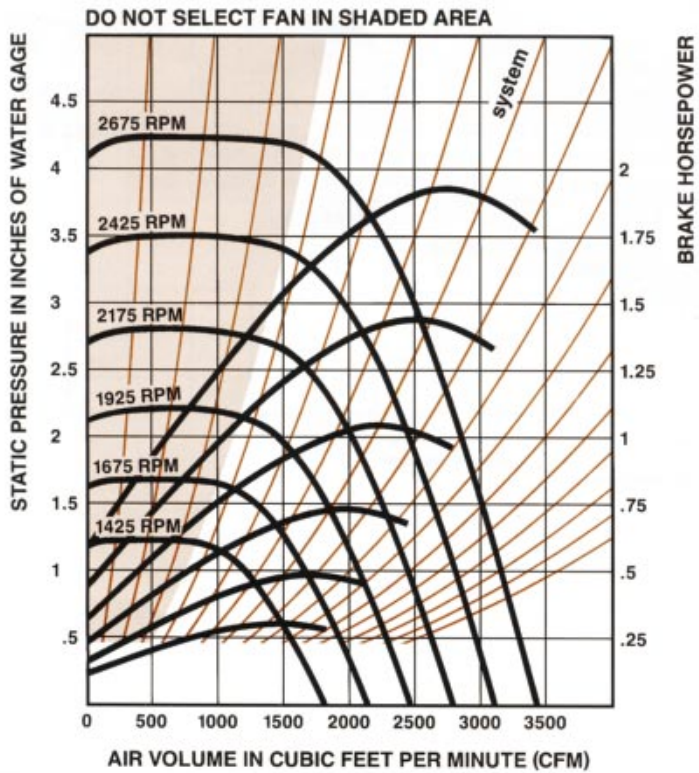
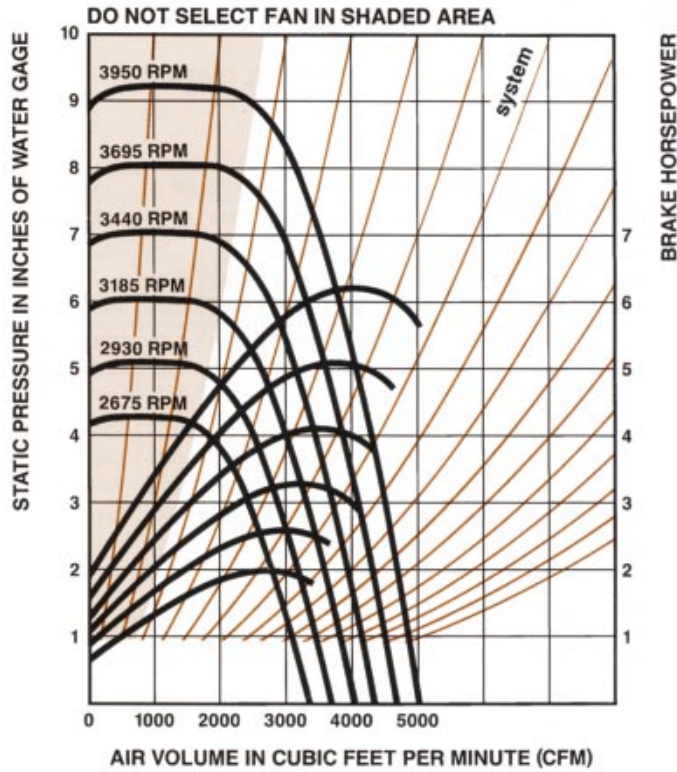
INLET {.921 SQ. FT. INSIDE}  
{13-1/4" DIA. OUTSIDE}

MAX. RPM CL. I 2978  
CL. II 3883

| VOL<br>CFM | VEL<br>FPM | 0.25 SP |      | 0.5 SP |      | 0.75 |      | 1      |      | 1.25 |      | 1.5    |      | 2    |      | 2.5    |      | 3    |      | 3.5    |      |
|------------|------------|---------|------|--------|------|------|------|--------|------|------|------|--------|------|------|------|--------|------|------|------|--------|------|
|            |            | RPM     | BHP  | RPM    | BHP  | RPM  | BHP  | RPM    | BHP  | RPM  | BHP  | RPM    | BHP  | RPM  | BHP  | RPM    | BHP  | RPM  | BHP  | RPM    | BHP  |
| 686        | 800        | 756     | 0.04 | 955    | 0.08 | -    | -    | -      | -    | -    | -    | -      | -    | -    | -    | -      | -    | -    | -    | -      | -    |
| 772        | 900        | 804     | 0.05 | 981    | 0.09 | 1155 | 0.13 | -      | -    | -    | -    | -      | -    | -    | -    | -      | -    | -    | -    | -      | -    |
| 858        | 1000       | 856     | 0.06 | 1015   | 0.10 | 1174 | 0.15 | 1328   | 0.10 | -    | -    | -      | -    | -    | -    | -      | -    | -    | -    | -      | -    |
| 944        | 1100       | 911     | 0.08 | 1056   | 0.12 | 1201 | 0.16 | 1344   | 0.22 | 1482 | 0.28 | -      | -    | -    | -    | -      | -    | -    | -    | -      | -    |
| 1030       | 1200       | 968     | 0.09 | 1101   | 0.13 | 1234 | 0.18 | 1367   | 0.24 | 1497 | 0.30 | 1623   | 0.36 | -    | -    | -      | -    | -    | -    | -      | -    |
| 1115       | 1300       | 1025    | 0.11 | 1151   | 0.15 | 1273 | 0.20 | 1396   | 0.26 | 1518 | 0.32 | 1638   | 0.39 | -    | -    | -      | -    | -    | -    | -      | -    |
| 1201       | 1400       | 1084    | 0.13 | 1203   | 0.18 | 1317 | 0.23 | 1431   | 0.28 | 1545 | 0.34 | 1657   | 0.41 | 1876 | 0.56 | -      | -    | -    | -    | -      | -    |
| 1287       | 1500       | 1143    | 0.15 | 1258   | 0.20 | 1364 | 0.25 | 1470   | 0.31 | 1576 | 0.37 | 1683   | 0.44 | 1891 | 0.59 | 2090   | 0.76 | -    | -    | -      | -    |
| 1373       | 1600       | 1204    | 0.17 | 1313   | 0.23 | 1414 | 0.28 | 1513   | 0.34 | 1613 | 0.41 | 1713   | 0.48 | 1910 | 0.63 | 2102   | 0.80 | -    | -    | -      | -    |
| 1459       | 1700       | 1266    | 0.20 | 1370   | 0.26 | 1466 | 0.32 | 1559   | 0.38 | 1653 | 0.44 | 1747   | 0.51 | 1934 | 0.67 | 2118   | 0.84 | 2296 | 1.03 | -      | -    |
| 1544       | 1800       | 1328    | 0.23 | 1428   | 0.29 | 1520 | 0.35 | 1608   | 0.42 | 1696 | 0.48 | 1785   | 0.55 | 1963 | 0.71 | 2138   | 0.89 | 2310 | 1.07 | 2476   | 1.28 |
| 1630       | 1900       | 1392    | 0.26 | 1486   | 0.32 | 1575 | 0.39 | 1660   | 0.46 | 1743 | 0.53 | 1827   | 0.60 | 1995 | 0.76 | 2162   | 0.93 | 2327 | 1.13 | 2488   | 1.33 |
| 1716       | 2000       | 1456    | 0.30 | 1545   | 0.36 | 1631 | 0.43 | 1713   | 0.50 | 1792 | 0.58 | 1871   | 0.65 | 2031 | 0.81 | 2190   | 0.99 | 2349 | 1.18 | 2504   | 1.39 |
| 1802       | 2100       | 1520    | 0.34 | 1604   | 0.40 | 1688 | 0.48 | 1767   | 0.55 | 1843 | 0.63 | 1918   | 0.70 | 2070 | 0.87 | 2222   | 1.04 | 2374 | 1.24 | 2523   | 1.45 |
| 1888       | 2200       | 1583    | 0.38 | 1664   | 0.45 | 1746 | 0.53 | 1822   | 0.61 | 1895 | 0.68 | 1967   | 0.76 | 2112 | 0.93 | 2257   | 1.11 | 2402 | 1.30 | 2546   | 1.51 |
| 1973       | 2300       | 1647    | 0.43 | 1725   | 0.50 | 1804 | 0.58 | 1879   | 0.66 | 1949 | 0.74 | 2018   | 0.83 | 2156 | 0.99 | 2295   | 1.18 | 2434 | 1.37 | 2573   | 1.58 |
| 2059       | 2400       | 1711    | 0.48 | 1787   | 0.55 | 1863 | 0.64 | 1935   | 0.72 | 2004 | 0.81 | 2071   | 0.89 | 2203 | 1.07 | 2336   | 1.25 | 2469 | 1.45 | 2602   | 1.66 |
| 2231       | 2600       | 1839    | 0.59 | 1913   | 0.67 | 1982 | 0.76 | 2051   | 0.85 | 2116 | 0.95 | 2179   | 1.04 | 2302 | 1.22 | 2424   | 1.41 | 2546 | 1.62 | 2669   | 1.83 |
| 2402       | 2800       | 1970    | 0.72 | 2040   | 0.82 | 2103 | 0.90 | 2168   | 1.00 | 2231 | 1.10 | 2291   | 1.20 | 2407 | 1.40 | 2520   | 1.60 | 2633 | 1.81 | 2747   | 2.03 |
| 2574       | 3000       | 2104    | 0.88 | 2168   | 0.98 | 2227 | 1.07 | 2287   | 1.17 | 2347 | 1.28 | 2405   | 1.38 | 2515 | 1.60 | 2622   | 1.81 | 2727 | 2.03 | 2833   | 2.25 |
| 2746       | 3200       | 2238    | 1.06 | 2296   | 1.15 | 2353 | 1.25 | 2408   | 1.36 | 2465 | 1.47 | 2521   | 1.58 | 2627 | 1.81 | 2728   | 2.04 | 2827 | 2.27 | 2926   | 2.50 |
| 2917       | 3400       | 2369    | 1.25 | 2423   | 1.35 | 2480 | 1.47 | 2531   | 1.57 | 2584 | 1.69 | 2638   | 1.81 | 2740 | 2.05 | 2838   | 2.29 | 2932 | 2.53 | 3025   | 2.77 |
| VOL<br>CFM | VEL<br>FPM | 4 SP    |      | 4.5 SP |      | 5 SP |      | 5.5 SP |      | 6 SP |      | 6.5 SP |      | 7 SP |      | 7.5 SP |      | 8 SP |      | 8.5 SP |      |
|            |            | RPM     | BHP  | RPM    | BHP  | RPM  | BHP  | RPM    | BHP  | RPM  | BHP  | RPM    | BHP  | RPM  | BHP  | RPM    | BHP  | RPM  | BHP  | RPM    | BHP  |
| 1802       | 2100       | 2670    | 1.67 | 2814   | 1.90 | -    | -    | -      | -    | -    | -    | -      | -    | -    | -    | -      | -    | -    | -    | -      | -    |
| 1888       | 2200       | 2688    | 1.74 | 2828   | 1.97 | 2965 | 2.21 | -      | -    | -    | -    | -      | -    | -    | -    | -      | -    | -    | -    | -      | -    |
| 1973       | 2300       | 2710    | 1.81 | 2845   | 2.05 | 2978 | 2.29 | 3108   | 2.55 | -    | -    | -      | -    | -    | -    | -      | -    | -    | -    | -      | -    |
| 2059       | 2400       | 2734    | 1.89 | 2865   | 2.13 | 2995 | 2.38 | 3122   | 2.63 | 3246 | 2.90 | -      | -    | -    | -    | -      | -    | -    | -    | -      | -    |
| 2231       | 2600       | 2792    | 2.06 | 2915   | 2.30 | 3036 | 2.56 | 3157   | 2.82 | 3275 | 3.09 | 3392   | 3.37 | 3507 | 3.67 | 3621   | 3.97 | -    | -    | -      | -    |
| 2402       | 2800       | 2861    | 2.26 | 2976   | 2.50 | 3089 | 2.76 | 3203   | 3.03 | 3315 | 3.31 | 3426   | 3.59 | 3536 | 3.89 | 3645   | 4.19 | 3752 | 4.50 | 3858   | 4.82 |
| 2574       | 3000       | 2939    | 2.48 | 3046   | 2.73 | 3153 | 2.99 | 3259   | 3.26 | 3365 | 3.54 | 3471   | 3.83 | 3575 | 4.13 | 3679   | 4.44 | 3782 | 4.76 | 3883   | 5.08 |
| 2746       | 3200       | 3026    | 2.74 | 3125   | 2.99 | 3225 | 3.25 | 3325   | 3.52 | 3425 | 3.81 | 3525   | 4.10 | 3624 | 4.40 | 3723   | 4.72 | 3820 | 5.04 | -      | -    |
| 2917       | 3400       | 3118    | 3.02 | 3212   | 3.28 | 3305 | 3.54 | 3399   | 3.82 | 3494 | 4.10 | 3588   | 4.40 | 3682 | 4.71 | 3775   | 5.02 | 3869 | 5.35 | -      | -    |
| 3089       | 3600       | 3216    | 3.33 | 3304   | 3.60 | 3393 | 3.87 | 3481   | 4.14 | 3570 | 4.43 | 3659   | 4.73 | 3748 | 5.04 | 3837   | 5.36 | -    | -    | -      | -    |
| 3260       | 3800       | 3319    | 3.67 | 3402   | 3.94 | 3486 | 4.22 | 3569   | 4.51 | 3653 | 4.80 | 3737   | 5.10 | 3821 | 5.41 | -      | -    | -    | -    | -      | -    |
| 3432       | 4000       | 3425    | 4.04 | 3504   | 4.32 | 3584 | 4.61 | 3663   | 4.90 | 3742 | 5.20 | 3822   | 5.50 | -    | -    | -      | -    | -    | -    | -      | -    |
| 3604       | 4200       | 3534    | 4.43 | 3610   | 4.73 | 3686 | 5.03 | 3761   | 5.33 | 3836 | 5.63 | -      | -    | -    | -    | -      | -    | -    | -    | -      | -    |
| 3775       | 4400       | 3645    | 4.85 | 3718   | 5.16 | 3791 | 5.47 | 3863   | 5.79 | -    | -    | -      | -    | -    | -    | -      | -    | -    | -    | -      | -    |
| 3947       | 4600       | 3757    | 5.3  | 3828   | 5.63 | -    | -    | -      | -    | -    | -    | -      | -    | -    | -    | -      | -    | -    | -    | -      | -    |
| 4118       | 4800       | 3871    | 5.78 | -      | -    | -    | -    | -      | -    | -    | -    | -      | -    | -    | -    | -      | -    | -    | -    | -      | -    |

PERFORMANCE SHOWN IS FOR INSTALLATION TYPE B - FREE INLET, DUCTED OUTLET.  
POWER RATING (BHP) DOES NOT INCLUDE DRIVE LOSSES.  
PERFORMANCE RATINGS DO NOT INCLUDE THE EFFECTS OF APPURTENANCES IN THE AIRSTREAM.

CLASS I BLOWERS  
CLASS II BLOWERS



# PEERLESS-ELECTRIC ULTRAFAN-PAK 2000 PERFORMANCE TABLES

## B-135

TIP SPEED (FPM) = 3.534 X RPM

OUTLET {1.049 SQ. FT. INSIDE}  
{14-5/8" X 10-3/4" OUTSIDE}

MAX. HP = .1567 (RPM / 1000)<sup>3</sup>

WHEEL DIAMETER - 13-1/2"

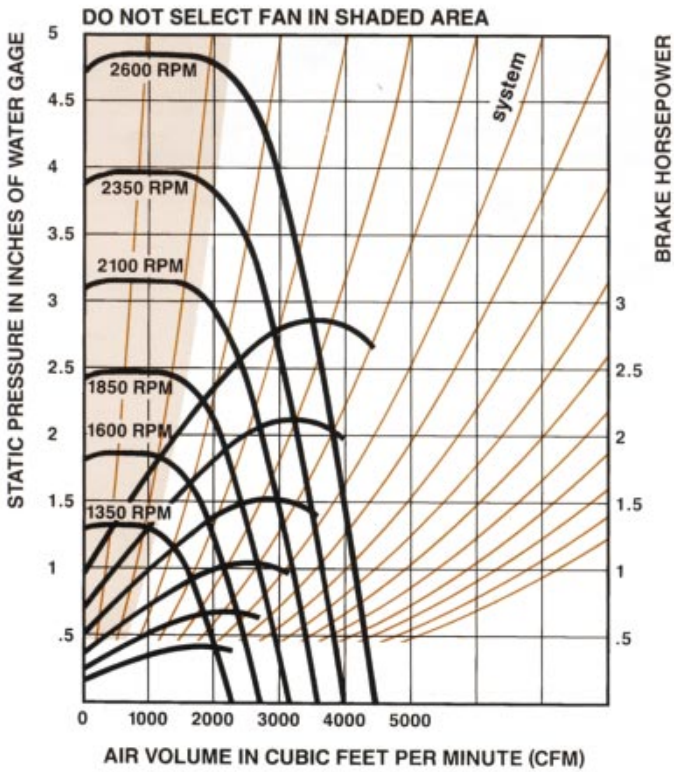
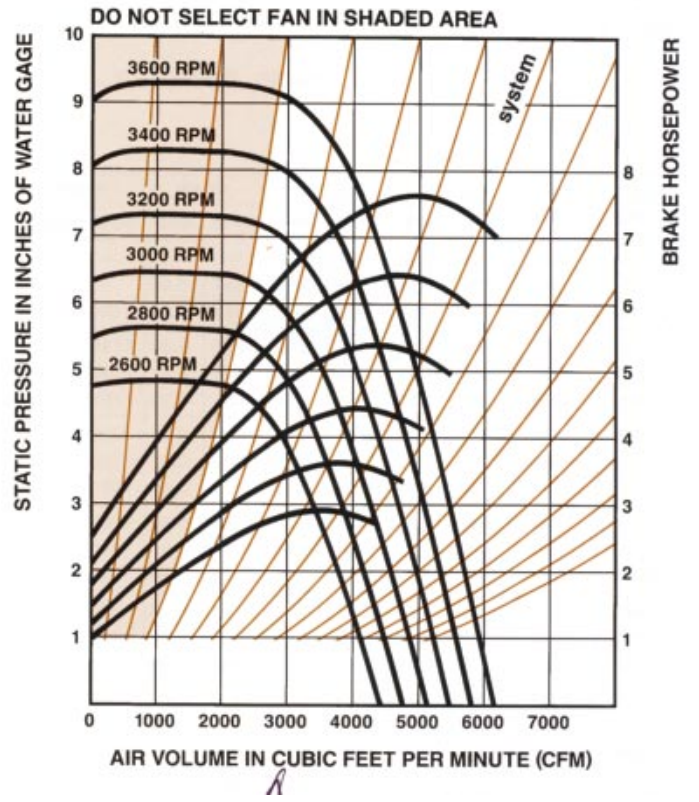
INLET {1.108 SQ. FT. INSIDE}  
{14-1/2" DIA. OUTSIDE}

MAX. RPM CL. I 2702  
CL. II 3524

| VOL<br>CFM | VEL<br>FPM | 0.25 SP |      | 0.5 SP |      | 0.75 |      | 1      |      | 1.25 |      | 1.5    |      | 2    |      | 2.5    |      | 3    |      | 3.5    |      |
|------------|------------|---------|------|--------|------|------|------|--------|------|------|------|--------|------|------|------|--------|------|------|------|--------|------|
|            |            | RPM     | BHP  | RPM    | BHP  | RPM  | BHP  | RPM    | BHP  | RPM  | BHP  | RPM    | BHP  | RPM  | BHP  | RPM    | BHP  | RPM  | BHP  | RPM    | BHP  |
| 839        | 800        | 686     | 0.05 | 867    | 0.10 | -    | -    | -      | -    | -    | -    | -      | -    | -    | -    | -      | -    | -    | -    | -      | -    |
| 944        | 900        | 730     | 0.06 | 890    | 0.11 | 1048 | 0.16 | -      | -    | -    | -    | -      | -    | -    | -    | -      | -    | -    | -    | -      | -    |
| 1049       | 1000       | 777     | 0.08 | 921    | 0.12 | 1066 | 0.18 | 1205   | 0.24 | -    | -    | -      | -    | -    | -    | -      | -    | -    | -    | -      | -    |
| 1154       | 1100       | 827     | 0.09 | 958    | 0.14 | 1090 | 0.20 | 1220   | 0.26 | 1345 | 0.34 | -      | -    | -    | -    | -      | -    | -    | -    | -      | -    |
| 1259       | 1200       | 878     | 0.11 | 999    | 0.16 | 1120 | 0.22 | 1241   | 0.29 | 1359 | 0.36 | 1473   | 0.44 | -    | -    | -      | -    | -    | -    | -      | -    |
| 1364       | 1300       | 930     | 0.13 | 1044   | 0.19 | 1155 | 0.25 | 1267   | 0.31 | 1378 | 0.39 | 1486   | 0.47 | -    | -    | -      | -    | -    | -    | -      | -    |
| 1469       | 1400       | 984     | 0.15 | 1092   | 0.21 | 1195 | 0.27 | 1298   | 0.34 | 1402 | 0.42 | 1504   | 0.50 | 1702 | 0.68 | -      | -    | -    | -    | -      | -    |
| 1574       | 1500       | 1037    | 0.18 | 1141   | 0.24 | 1237 | 0.31 | 1334   | 0.38 | 1430 | 0.45 | 1527   | 0.54 | 1716 | 0.72 | 1897   | 0.93 | -    | -    | -      | -    |
| 1678       | 1600       | 1092    | 0.21 | 1192   | 0.28 | 1283 | 0.34 | 1373   | 0.42 | 1463 | 0.49 | 1554   | 0.58 | 1733 | 0.77 | 1907   | 0.97 | -    | -    | -      | -    |
| 1783       | 1700       | 1148    | 0.24 | 1243   | 0.31 | 1330 | 0.38 | 1415   | 0.46 | 1500 | 0.54 | 1585   | 0.62 | 1755 | 0.81 | 1922   | 1.02 | 2083 | 1.25 | -      | -    |
| 1888       | 1800       | 1205    | 0.27 | 1296   | 0.35 | 1379 | 0.43 | 1459   | 0.51 | 1539 | 0.59 | 1620   | 0.67 | 1781 | 0.86 | 1940   | 1.08 | 2096 | 1.30 | 22.47  | 1.55 |
| 1993       | 1900       | 1263    | 0.31 | 1348   | 0.39 | 1429 | 0.48 | 1506   | 0.56 | 1581 | 0.64 | 1657   | 0.73 | 1810 | 0.92 | 1962   | 1.13 | 2112 | 1.37 | 2258   | 1.61 |
| 2098       | 2000       | 1321    | 0.36 | 1402   | 0.44 | 1480 | 0.53 | 1554   | 0.61 | 1626 | 0.70 | 1698   | 0.79 | 1843 | 0.98 | 1988   | 1.20 | 2131 | 1.43 | 2272   | 1.68 |
| 2203       | 2100       | 1379    | 0.41 | 1456   | 0.49 | 1532 | 0.58 | 1603   | 0.67 | 1672 | 0.76 | 1741   | 0.86 | 1878 | 1.05 | 2016   | 1.27 | 2154 | 1.50 | 2290   | 1.76 |
| 2308       | 2200       | 1437    | 0.46 | 1510   | 0.55 | 1584 | 0.64 | 1654   | 0.74 | 1720 | 0.83 | 1785   | 0.93 | 1916 | 1.13 | 2048   | 1.34 | 2180 | 1.58 | 2311   | 1.84 |
| 2413       | 2300       | 1495    | 0.52 | 1566   | 0.61 | 1637 | 0.70 | 1705   | 0.80 | 1769 | 0.90 | 1832   | 1.00 | 1957 | 1.21 | 2082   | 1.43 | 2209 | 1.67 | 2334   | 1.92 |
| 2518       | 2400       | 1552    | 0.58 | 1622   | 0.67 | 1690 | 0.77 | 1756   | 0.88 | 1819 | 0.98 | 1879   | 1.08 | 1999 | 1.29 | 2119   | 1.52 | 2240 | 1.76 | 2361   | 2.02 |
| 2727       | 2600       | 1668    | 0.72 | 1736   | 0.82 | 1798 | 0.92 | 1861   | 1.04 | 1920 | 1.15 | 1978   | 1.26 | 2089 | 1.49 | 2199   | 1.72 | 2311 | 1.96 | 2422   | 2.22 |
| 2937       | 2800       | 1787    | 0.88 | 1851   | 0.99 | 1908 | 1.10 | 1967   | 1.22 | 2024 | 1.34 | 2079   | 1.46 | 2184 | 1.70 | 2287   | 1.94 | 2389 | 2.20 | 2493   | 2.46 |
| 3147       | 3000       | 1909    | 1.07 | 1967   | 1.18 | 2020 | 1.30 | 2075   | 1.42 | 2130 | 1.55 | 2182   | 1.68 | 2282 | 1.94 | 2379   | 2.20 | 2475 | 2.46 | 2571   | 2.73 |
| 3357       | 3200       | 2030    | 1.28 | 2083   | 1.40 | 2135 | 1.52 | 2185   | 1.65 | 2236 | 1.79 | 2287   | 1.92 | 2384 | 2.20 | 2475   | 2.48 | 2566 | 2.75 | 2655   | 3.04 |
| 3567       | 3400       | 2150    | 1.52 | 2199   | 1.64 | 2250 | 1.78 | 2297   | 1.91 | 2345 | 2.05 | 2393   | 2.19 | 2487 | 2.49 | 2575   | 2.78 | 2660 | 3.08 | 2745   | 3.37 |
| VOL<br>CFM | VEL<br>FPM | 4 SP    |      | 4.5 SP |      | 5 SP |      | 5.5 SP |      | 6 SP |      | 6.5 SP |      | 7 SP |      | 7.5 SP |      | 8 SP |      | 8.5 SP |      |
|            |            | RPM     | BHP  | RPM    | BHP  | RPM  | BHP  | RPM    | BHP  | RPM  | BHP  | RPM    | BHP  | RPM  | BHP  | RPM    | BHP  | RPM  | BHP  | RPM    | BHP  |
| 2203       | 2100       | 2423    | 2.03 | 2553   | 2.31 | 2681 | 2.60 | -      | -    | -    | -    | -      | -    | -    | -    | -      | -    | -    | -    | -      | -    |
| 2308       | 2200       | 2440    | 2.11 | 2566   | 2.39 | 2690 | 2.69 | -      | -    | -    | -    | -      | -    | -    | -    | -      | -    | -    | -    | -      | -    |
| 2413       | 2300       | 2459    | 2.20 | 2582   | 2.48 | 2702 | 2.78 | 2821   | 3.10 | 2936 | 3.42 | -      | -    | -    | -    | -      | -    | -    | -    | -      | -    |
| 2518       | 2400       | 2481    | 2.29 | 2600   | 2.58 | 2717 | 2.88 | 2833   | 3.20 | 2946 | 3.53 | 3057   | 3.86 | -    | -    | -      | -    | -    | -    | -      | -    |
| 2727       | 2600       | 2534    | 2.50 | 2645   | 2.80 | 2755 | 3.10 | 2864   | 3.42 | 2972 | 3.76 | 3078   | 4.10 | 3183 | 4.45 | 3285   | 4.82 | -    | -    | -      | -    |
| 2937       | 2800       | 2596    | 2.74 | 2700   | 3.04 | 2803 | 3.35 | 2906   | 3.68 | 3008 | 4.01 | 3109   | 4.36 | 3209 | 4.72 | 3307   | 5.09 | 3405 | 5.47 | 3501   | 5.86 |
| 3147       | 3000       | 2667    | 3.02 | 2764   | 3.32 | 2861 | 3.63 | 2957   | 3.96 | 3054 | 4.30 | 3149   | 4.66 | 3244 | 5.02 | 3338   | 5.39 | 3431 | 5.78 | 3524   | 6.17 |
| 3357       | 3200       | 2745    | 3.33 | 2836   | 3.63 | 2927 | 3.95 | 3017   | 4.28 | 3108 | 4.62 | 3198   | 4.98 | 3288 | 5.35 | 3378   | 5.73 | 3467 | 6.12 | -      | -    |
| 3567       | 3400       | 2830    | 3.67 | 2914   | 3.98 | 2999 | 4.30 | 3085   | 4.64 | 3170 | 4.98 | 3256   | 5.34 | 3341 | 5.71 | 3426   | 6.10 | 3510 | 6.49 | -      | -    |
| 3776       | 3600       | 2919    | 4.05 | 2998   | 4.37 | 3079 | 4.70 | 3159   | 5.03 | 3239 | 5.38 | 3320   | 5.75 | 3401 | 6.12 | 3481   | 6.51 | -    | -    | -      | -    |
| 3986       | 3800       | 3012    | 4.46 | 3087   | 4.79 | 3163 | 5.13 | 3239   | 5.47 | 3315 | 5.83 | 3391   | 6.19 | 3467 | 6.57 | -      | -    | -    | -    | -      | -    |
| 4196       | 4000       | 3108    | 4.90 | 3180   | 5.25 | 3252 | 5.60 | 3324   | 5.95 | 3396 | 6.31 | 3468   | 6.69 | -    | -    | -      | -    | -    | -    | -      | -    |
| 4406       | 4200       | 3207    | 5.38 | 3276   | 5.74 | 3344 | 6.10 | 3413   | 6.47 | 3481 | 6.84 | -      | -    | -    | -    | -      | -    | -    | -    | -      | -    |
| 4616       | 4400       | 3307    | 5.89 | 3374   | 6.27 | 3440 | 6.65 | 3505   | 7.03 | -    | -    | -      | -    | -    | -    | -      | -    | -    | -    | -      | -    |
| 4825       | 4600       | 3409    | 6.44 | 3474   | 6.83 | -    | -    | -      | -    | -    | -    | -      | -    | -    | -    | -      | -    | -    | -    | -      | -    |
| 5035       | 4800       | 3512    | 7.02 | -      | -    | -    | -    | -      | -    | -    | -    | -      | -    | -    | -    | -      | -    | -    | -    | -      | -    |

PERFORMANCE SHOWN IS FOR INSTALLATION TYPE B - FREE INLET, DUCTED OUTLET.  
POWER RATING (BHP) DOES NOT INCLUDE DRIVE LOSSES.  
PERFORMANCE RATINGS DO NOT INCLUDE THE EFFECTS OF APPURTENANCES IN THE AIRSTREAM.

CLASS I BLOWERS  
CLASS II BLOWERS



# PEERLESS-ELECTRIC ULTRAFAN-PAK 2000 PERFORMANCE TABLES

## B-150

TIP SPEED (FPM) = 3.927 X RPM

OUTLET {1.280 SQ. FT. INSIDE}  
{16-1/4" X 11-3/4" OUTSIDE}

INLET {1.374 SQ. FT. INSIDE}  
{16-1/8" DIA. OUTSIDE}

WHEEL DIAMETER - 15"

MAX. RPM CL. I 2458

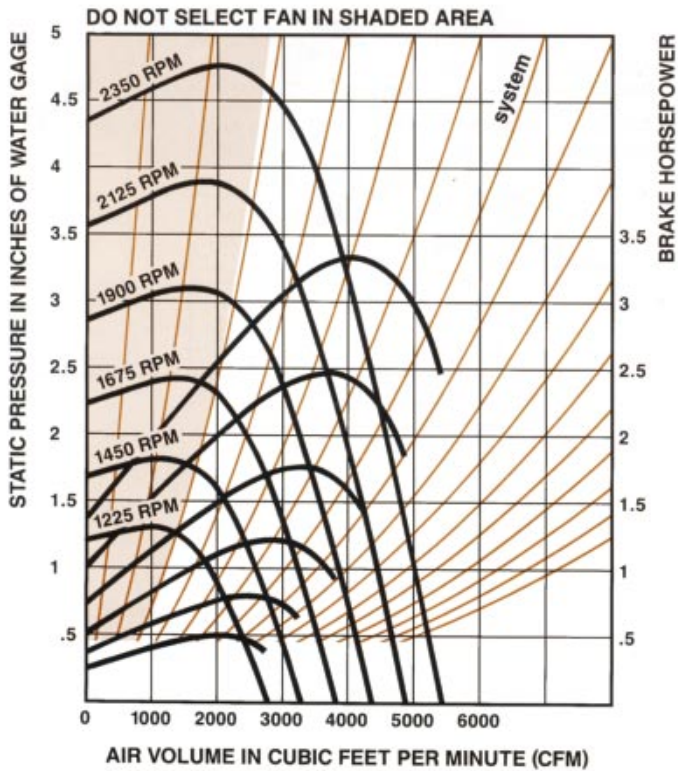
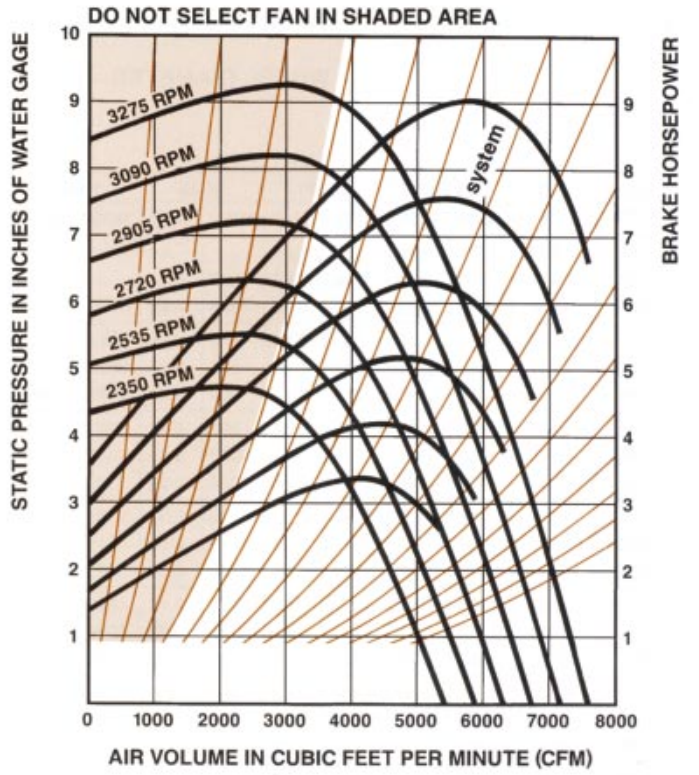
MAX. HP = .2575 (RPM / 1000)<sup>3</sup>

CL. II 3205

| VOL CFM | VEL FPM | 0.25 SP |      | 0.5 SP |      | 0.75 |      | 1      |      | 1.25 |      | 1.5    |      | 2    |      | 2.5    |      | 3    |      | 3.5    |      |
|---------|---------|---------|------|--------|------|------|------|--------|------|------|------|--------|------|------|------|--------|------|------|------|--------|------|
|         |         | RPM     | BHP  | RPM    | BHP  | RPM  | BHP  | RPM    | BHP  | RPM  | BHP  | RPM    | BHP  | RPM  | BHP  | RPM    | BHP  | RPM  | BHP  | RPM    | BHP  |
| 1024    | 800     | 631     | 0.06 | 791    | 0.11 | -    | -    | -      | -    | -    | -    | -      | -    | -    | -    | -      | -    | -    | -    | -      | -    |
| 1152    | 900     | 670     | 0.08 | 816    | 0.13 | 954  | 0.20 | -      | -    | -    | -    | -      | -    | -    | -    | -      | -    | -    | -    | -      | -    |
| 1280    | 1000    | 712     | 0.09 | 846    | 0.15 | 973  | 0.21 | 1095   | 0.30 | -    | -    | -      | -    | -    | -    | -      | -    | -    | -    | -      | -    |
| 1408    | 1100    | 757     | 0.11 | 880    | 0.17 | 998  | 0.24 | 1112   | 0.32 | 1222 | 0.42 | -      | -    | -    | -    | -      | -    | -    | -    | -      | -    |
| 1536    | 1200    | 803     | 0.13 | 918    | 0.20 | 1028 | 0.27 | 1135   | 0.34 | 1238 | 0.43 | 1338   | 0.55 | -    | -    | -      | -    | -    | -    | -      | -    |
| 1664    | 1300    | 850     | 0.15 | 959    | 0.22 | 1061 | 0.30 | 1161   | 0.38 | 1259 | 0.46 | 1353   | 0.57 | -    | -    | -      | -    | -    | -    | -      | -    |
| 1792    | 1400    | 898     | 0.18 | 1001   | 0.25 | 1098 | 0.34 | 1192   | 0.42 | 1283 | 0.51 | 1373   | 0.60 | 1546 | 0.85 | -      | -    | -    | -    | -      | -    |
| 1920    | 1500    | 947     | 0.20 | 1045   | 0.29 | 1136 | 0.37 | 1225   | 0.46 | 1312 | 0.55 | 1397   | 0.65 | 1562 | 0.87 | -      | -    | -    | -    | -      | -    |
| 2048    | 1600    | 997     | 0.23 | 1091   | 0.33 | 1177 | 0.41 | 1261   | 0.51 | 1343 | 0.61 | 1424   | 0.70 | 1582 | 0.91 | 1734   | 1.20 | -    | -    | -      | -    |
| 2176    | 1700    | 1047    | 0.27 | 1137   | 0.37 | 1220 | 0.46 | 1300   | 0.56 | 1378 | 0.66 | 1455   | 0.76 | 1605 | 0.97 | 1751   | 1.23 | 1892 | 1.56 | -      | -    |
| 2304    | 1800    | 1099    | 0.31 | 1184   | 0.41 | 1264 | 0.51 | 1340   | 0.61 | 1414 | 0.72 | 1487   | 0.83 | 1631 | 1.05 | 1771   | 1.29 | 1907 | 1.59 | -      | -    |
| 2432    | 1900    | 1151    | 0.35 | 1232   | 0.46 | 1309 | 0.57 | 1382   | 0.67 | 1453 | 0.78 | 1523   | 0.90 | 1660 | 1.13 | 1795   | 1.36 | 1925 | 1.64 | 2053   | 1.98 |
| 2560    | 2000    | 1203    | 0.39 | 1280   | 0.51 | 1355 | 0.63 | 1425   | 0.73 | 1493 | 0.84 | 1560   | 0.96 | 1692 | 1.21 | 1821   | 1.45 | 1947 | 1.71 | 2070   | 2.03 |
| 2688    | 2100    | 1256    | 0.44 | 1329   | 0.57 | 1401 | 0.69 | 1469   | 0.80 | 1534 | 0.92 | 1599   | 1.04 | 1725 | 1.30 | 1849   | 1.55 | 1971 | 1.81 | 2089   | 2.10 |
| 2816    | 2200    | 1309    | 0.49 | 1378   | 0.62 | 1448 | 0.76 | 1514   | 0.88 | 1577 | 0.99 | 1639   | 1.12 | 1760 | 1.38 | 1880   | 1.65 | 1997 | 1.92 | 2112   | 2.20 |
| 2944    | 2300    | 1362    | 0.55 | 1428   | 0.69 | 1496 | 0.83 | 1560   | 0.95 | 1621 | 1.08 | 1681   | 1.20 | 1797 | 1.48 | 1912   | 1.76 | 2025 | 2.03 | 2136   | 2.32 |
| 3072    | 2400    | 1415    | 0.61 | 1479   | 0.76 | 1544 | 0.90 | 1606   | 1.04 | 1666 | 1.17 | 1723   | 1.30 | 1836 | 1.57 | 1947   | 1.87 | 2056 | 2.16 | 2163   | 2.45 |
| 3328    | 2600    | 1521    | 0.75 | 1582   | 0.91 | 1641 | 1.06 | 1701   | 1.22 | 1757 | 1.36 | 1812   | 1.50 | 1917 | 1.79 | 2021   | 2.10 | 2122 | 2.42 | 2223   | 2.73 |
| 3584    | 2800    | 1629    | 0.91 | 1687   | 1.08 | 1741 | 1.25 | 1797   | 1.42 | 1851 | 1.58 | 1903   | 1.73 | 2003 | 2.03 | 2100   | 2.35 | 2195 | 2.69 | 2290   | 3.03 |
| 3840    | 3000    | 1740    | 1.10 | 1792   | 1.28 | 1842 | 1.45 | 1894   | 1.64 | 1946 | 1.82 | 1996   | 1.99 | 2091 | 2.31 | 2183   | 2.64 | 2273 | 2.98 | 2362   | 3.35 |
| 4096    | 3200    | 1850    | 1.31 | 1898   | 1.50 | 1946 | 1.68 | 1994   | 1.88 | 2042 | 2.07 | 2090   | 2.26 | 2182 | 2.62 | 2269   | 2.96 | 2355 | 3.31 | 2439   | 3.69 |
| 4352    | 3400    | 1953    | 1.52 | 2004   | 1.74 | 2050 | 1.94 | 2095   | 2.14 | 2140 | 2.35 | 2186   | 2.56 | 2274 | 2.95 | 2358   | 3.31 | 2440 | 3.68 | 2520   | 4.06 |
| VOL CFM | VEL FPM | 4 SP    |      | 4.5 SP |      | 5 SP |      | 5.5 SP |      | 6 SP |      | 6.5 SP |      | 7 SP |      | 7.5 SP |      | 8 SP |      | 8.5 SP |      |
|         |         | RPM     | BHP  | RPM    | BHP  | RPM  | BHP  | RPM    | BHP  | RPM  | BHP  | RPM    | BHP  | RPM  | BHP  | RPM    | BHP  | RPM  | BHP  | RPM    | BHP  |
| 2688    | 2100    | 2206    | 2.46 | 2320   | 2.87 | -    | -    | -      | -    | -    | -    | -      | -    | -    | -    | -      | -    | -    | -    | -      | -    |
| 2816    | 2200    | 2225    | 2.53 | 2335   | 2.91 | 2443 | 3.35 | -      | -    | -    | -    | -      | -    | -    | -    | -      | -    | -    | -    | -      | -    |
| 2944    | 2300    | 2246    | 2.63 | 2353   | 2.99 | 2458 | 3.40 | 2562   | 3.86 | -    | -    | -      | -    | -    | -    | -      | -    | -    | -    | -      | -    |
| 3072    | 2400    | 2269    | 2.75 | 2373   | 3.09 | 2476 | 3.48 | 2576   | 3.92 | 2675 | 4.40 | -      | -    | -    | -    | -      | -    | -    | -    | -      | -    |
| 3328    | 2600    | 2322    | 3.04 | 2420   | 3.36 | 2517 | 3.71 | 2613   | 4.10 | 2707 | 4.54 | 2799   | 5.03 | 2890 | 5.55 | -      | -    | -    | -    | -      | -    |
| 3584    | 2800    | 2383    | 3.37 | 2476   | 3.71 | 2567 | 4.05 | 2657   | 4.40 | 2747 | 4.80 | 2835   | 5.23 | 2922 | 5.71 | 3008   | 6.23 | 3093 | 6.80 | -      | -    |
| 3840    | 3000    | 2450    | 3.72 | 2537   | 4.08 | 2624 | 4.44 | 2710   | 4.80 | 2794 | 5.17 | 2878   | 5.57 | 2961 | 6.00 | 3044   | 6.47 | 3125 | 6.99 | 3205   | 7.54 |
| 4096    | 3200    | 2522    | 4.08 | 2605   | 4.47 | 2687 | 4.86 | 2768   | 5.24 | 2849 | 5.63 | 2929   | 6.02 | 3008 | 6.42 | 3087   | 6.85 | 3164 | 7.32 | -      | -    |
| 4352    | 3400    | 2599    | 4.46 | 2677   | 4.88 | 2755 | 5.29 | 2833   | 5.71 | 2909 | 6.12 | 2985   | 6.53 | 3061 | 6.93 | 3136   | 7.35 | -    | -    | -      | -    |
| 4608    | 3600    | 2680    | 4.89 | 2754   | 5.31 | 2828 | 5.75 | 2902   | 6.19 | 2975 | 6.63 | 3048   | 7.07 | 3120 | 7.50 | 3192   | 7.93 | -    | -    | -      | -    |
| 4864    | 3800    | 2763    | 5.35 | 2835   | 5.78 | 2905 | 6.23 | 2975   | 6.70 | 3045 | 7.16 | 3115   | 7.63 | 3184 | 8.09 | -      | -    | -    | -    | -      | -    |
| 5120    | 4000    | 2850    | 5.86 | 2918   | 6.30 | 2986 | 6.76 | 3053   | 7.23 | 3120 | 7.72 | 3186   | 8.21 | -    | -    | -      | -    | -    | -    | -      | -    |
| 5376    | 4200    | 2938    | 6.41 | 3004   | 6.86 | 3069 | 7.33 | 3133   | 7.81 | 3197 | 8.31 | -      | -    | -    | -    | -      | -    | -    | -    | -      | -    |
| 5632    | 4400    | 3028    | 7.00 | 3092   | 7.47 | 3155 | 7.95 | -      | -    | -    | -    | -      | -    | -    | -    | -      | -    | -    | -    | -      | -    |
| 5888    | 4600    | 3120    | 7.64 | 3182   | 8.13 | -    | -    | -      | -    | -    | -    | -      | -    | -    | -    | -      | -    | -    | -    | -      | -    |

PERFORMANCE SHOWN IS FOR INSTALLATION TYPE B - FREE INLET, DUCTED OUTLET.  
POWER RATING (BHP) DOES NOT INCLUDE DRIVE LOSSES.  
PERFORMANCE RATINGS DO NOT INCLUDE THE EFFECTS OF APPURTENANCES IN THE AIRSTREAM.

CLASS I BLOWERS  
CLASS II BLOWERS



# PEERLESS-ELECTRIC ULTRAFAN-PAK 2000 PERFORMANCE TABLES

## B-165

TIP SPEED (RPM) = 4.320 X RPM

OUTLET {1.560 SQ. FT. INSIDE}  
{17-3/4" X 13" OUTSIDE}

MAX. HP = .4142 (RPM/1000)<sup>3</sup>

WHEEL DIAMETER - 16-1/2"

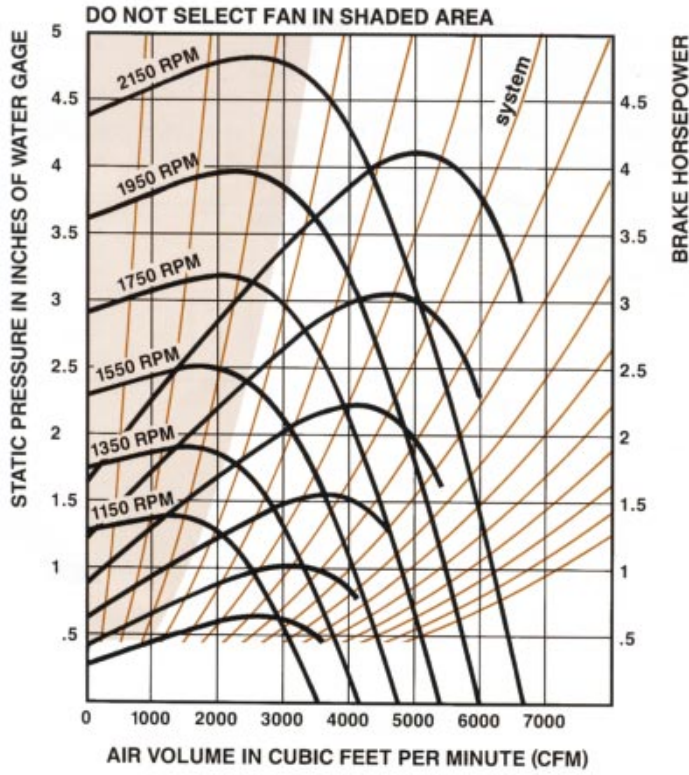
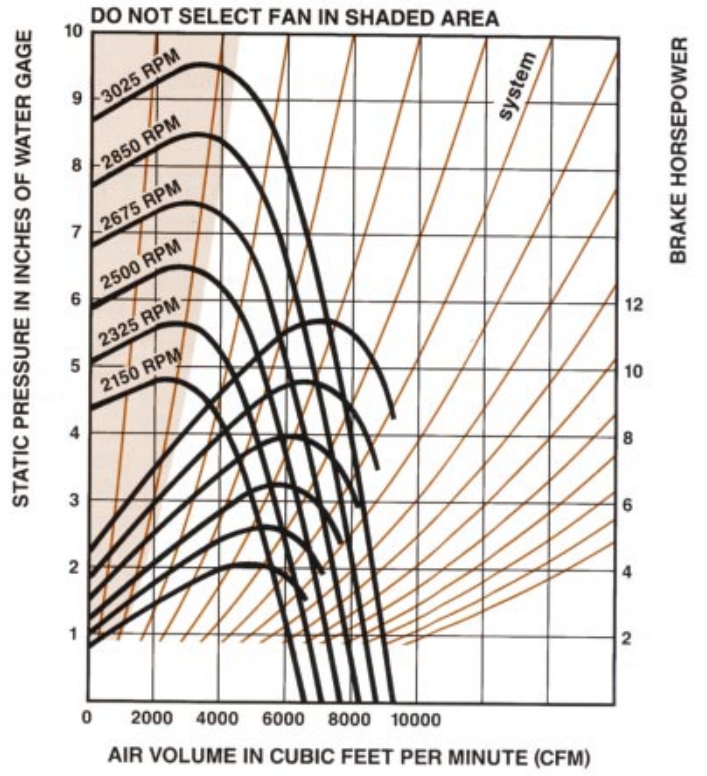
INLET {1.67 SQ. FT. INSIDE}  
{17-7/8" DIA. OUTSIDE}

MAX. RPM CL. I 2235  
CL. II 2914

| VOL<br>CFM | VEL<br>FPM | 0.25 SP |      | 0.5 SP |      | 0.75 |      | 1      |      | 1.25 |       | 1.5    |      | 2    |      | 2.5    |      | 3    |      | 3.5    |      |
|------------|------------|---------|------|--------|------|------|------|--------|------|------|-------|--------|------|------|------|--------|------|------|------|--------|------|
|            |            | RPM     | BHP  | RPM    | BHP  | RPM  | BHP  | RPM    | BHP  | RPM  | BHP   | RPM    | BHP  | RPM  | BHP  | RPM    | BHP  | RPM  | BHP  | RPM    | BHP  |
| 1248       | 800        | 573     | 0.08 | 719    | 0.14 | -    | -    | -      | -    | -    | -     | -      | -    | -    | -    | -      | -    | -    | -    | -      | -    |
| 1404       | 900        | 609     | 0.09 | 742    | 0.16 | 867  | 0.24 | -      | -    | -    | -     | -      | -    | -    | -    | -      | -    | -    | -    | -      | -    |
| 1560       | 1000       | 648     | 0.11 | 769    | 0.18 | 885  | 0.26 | 995    | 0.36 | -    | -     | -      | -    | -    | -    | -      | -    | -    | -    | -      | -    |
| 1716       | 1100       | 688     | 0.13 | 800    | 0.21 | 908  | 0.29 | 1011   | 0.38 | 1111 | 0.51  | -      | -    | -    | -    | -      | -    | -    | -    | -      | -    |
| 1872       | 1200       | 730     | 0.16 | 835    | 0.24 | 934  | 0.33 | 1031   | 0.42 | 1125 | 0.53  | 1216   | 0.67 | -    | -    | -      | -    | -    | -    | -      | -    |
| 2028       | 1300       | 773     | 0.18 | 871    | 0.27 | 965  | 0.37 | 1056   | 0.46 | 1144 | 0.56  | 1230   | 0.69 | -    | -    | -      | -    | -    | -    | -      | -    |
| 2184       | 1400       | 817     | 0.21 | 910    | 0.31 | 998  | 0.41 | 1083   | 0.51 | 1167 | 0.61  | 1248   | 0.73 | 1406 | 1.03 | -      | -    | -    | -    | -      | -    |
| 2340       | 1500       | 861     | 0.25 | 950    | 0.35 | 1033 | 0.45 | 1114   | 0.56 | 1193 | 0.67  | 1270   | 0.78 | 1420 | 1.06 | -      | -    | -    | -    | -      | -    |
| 2496       | 1600       | 906     | 0.28 | 992    | 0.40 | 1070 | 0.50 | 1146   | 0.62 | 1221 | 0.73  | 1295   | 0.85 | 1438 | 1.11 | 1576   | 1.45 | -    | -    | -      | -    |
| 2652       | 1700       | 952     | 0.32 | 1034   | 0.45 | 1109 | 0.56 | 1181   | 0.68 | 1252 | 0.80  | 1322   | 0.93 | 1459 | 1.18 | 1592   | 1.49 | 1720 | 1.88 | -      | -    |
| 2808       | 1800       | 999     | 0.37 | 1077   | 0.50 | 1149 | 0.62 | 1218   | 0.74 | 1286 | 0.87  | 1352   | 1.00 | 1483 | 1.27 | 1610   | 1.56 | 1734 | 1.92 | -      | -    |
| 2964       | 1900       | 1046    | 0.42 | 1120   | 0.56 | 1190 | 0.68 | 1256   | 0.81 | 1321 | 0.94  | 1384   | 1.08 | 1509 | 1.36 | 1631   | 1.65 | 1750 | 1.98 | 1866   | 2.40 |
| 3120       | 2000       | 1094    | 0.47 | 1164   | 0.62 | 1231 | 0.76 | 1295   | 0.89 | 1357 | 1.02  | 1418   | 1.17 | 1538 | 1.46 | 1655   | 1.75 | 1770 | 2.07 | 1882   | 2.46 |
| 3276       | 2100       | 1142    | 0.53 | 1208   | 0.69 | 1274 | 0.83 | 1335   | 0.97 | 1395 | 1.11  | 1453   | 1.26 | 1568 | 1.57 | 1681   | 1.87 | 1791 | 2.19 | 1900   | 2.54 |
| 3432       | 2200       | 1190    | 0.60 | 1253   | 0.76 | 1317 | 0.91 | 1376   | 1.06 | 1434 | 1.20  | 1490   | 1.35 | 1600 | 1.67 | 1709   | 2.00 | 1815 | 2.32 | 1920   | 2.66 |
| 3588       | 2300       | 1238    | 0.67 | 1299   | 0.83 | 1360 | 1.00 | 1418   | 1.16 | 1474 | 1.30  | 1528   | 1.46 | 1634 | 1.79 | 1738   | 2.13 | 1841 | 2.46 | 1942   | 2.80 |
| 3744       | 2400       | 1286    | 0.74 | 1345   | 0.91 | 1403 | 1.09 | 1460   | 1.26 | 1514 | 1.41  | 1567   | 1.57 | 1669 | 1.90 | 1770   | 2.26 | 1869 | 2.61 | 1967   | 2.96 |
| 4056       | 2600       | 1383    | 0.91 | 1438   | 1.10 | 1492 | 1.29 | 1546   | 1.48 | 1597 | 1.65  | 1647   | 1.82 | 1743 | 2.16 | 1837   | 2.54 | 1929 | 2.92 | 2021   | 3.30 |
| 4368       | 2800       | 1481    | 1.10 | 1533   | 1.31 | 1583 | 1.51 | 1633   | 1.72 | 1682 | 1.91  | 1730   | 2.10 | 1821 | 2.46 | 1909   | 2.84 | 1996 | 3.25 | 2081   | 3.67 |
| 4680       | 3000       | 1582    | 1.33 | 1629   | 1.55 | 1675 | 1.76 | 1722   | 1.98 | 1769 | 2.20  | 1814   | 2.41 | 1901 | 2.79 | 1984   | 3.19 | 2066 | 3.61 | 2147   | 4.05 |
| 4992       | 3200       | 1682    | 1.59 | 1726   | 1.81 | 1769 | 2.04 | 1812   | 2.27 | 1857 | 2.51  | 1900   | 2.74 | 1983 | 3.16 | 2063   | 3.58 | 2141 | 4.01 | 2217   | 4.46 |
| 5304       | 3400       | 1776    | 1.84 | 1822   | 2.11 | 1864 | 2.35 | 1904   | 2.59 | 1946 | 2.85  | 1987   | 3.10 | 2068 | 3.57 | 2144   | 4.01 | 2218 | 4.45 | 2291   | 4.91 |
| VOL        | VEL        | 4 SP    |      | 4.5 SP |      | 5 SP |      | 5.5 SP |      | 6 SP |       | 6.5 SP |      | 7 SP |      | 7.5 SP |      | 8 SP |      | 8.5 SP |      |
| CFM        | FPM        | RPM     | BHP  | RPM    | BHP  | RPM  | BHP  | RPM    | BHP  | RPM  | BHP   | RPM    | BHP  | RPM  | BHP  | RPM    | BHP  | RPM  | BHP  | RPM    | BHP  |
| 3276       | 2100       | 2005    | 2.97 | 2109   | 3.47 | -    | -    | -      | -    | -    | -     | -      | -    | -    | -    | -      | -    | -    | -    | -      | -    |
| 3432       | 2200       | 2022    | 3.06 | 2123   | 3.53 | 2221 | 4.06 | -      | -    | -    | -     | -      | -    | -    | -    | -      | -    | -    | -    | -      | -    |
| 3588       | 2300       | 2042    | 3.18 | 2139   | 3.61 | 2235 | 4.12 | 2329   | 4.67 | -    | -     | -      | -    | -    | -    | -      | -    | -    | -    | -      | -    |
| 3744       | 2400       | 2063    | 3.33 | 2158   | 3.73 | 2251 | 4.21 | 2342   | 4.74 | 2432 | 5.33  | -      | -    | -    | -    | -      | -    | -    | -    | -      | -    |
| 4056       | 2600       | 2111    | 3.68 | 2200   | 4.07 | 2288 | 4.49 | 2375   | 4.96 | 2461 | 5.49  | 2545   | 6.08 | 2628 | 6.72 | -      | -    | -    | -    | -      | -    |
| 4368       | 2800       | 2166    | 4.08 | 2250   | 4.48 | 2334 | 4.90 | 2416   | 5.33 | 2497 | 5.80  | 2577   | 6.33 | 2656 | 6.91 | 2735   | 7.54 | 2812 | 8.22 | -      | -    |
| 4680       | 3000       | 2227    | 4.50 | 2307   | 4.94 | 2385 | 5.37 | 2463   | 5.81 | 2540 | 6.26  | 2617   | 6.74 | 2692 | 7.26 | 2767   | 7.83 | 2841 | 8.45 | 2914   | 9.13 |
| 4992       | 3200       | 2293    | 4.93 | 2368   | 5.41 | 2443 | 5.88 | 2517   | 6.34 | 2590 | 6.81  | 2663   | 7.28 | 2735 | 7.77 | 2806   | 8.29 | 2877 | 8.85 | -      | -    |
| 5304       | 3400       | 2363    | 5.40 | 2434   | 5.90 | 2505 | 6.41 | 2575   | 6.91 | 2645 | 7.40  | 2714   | 7.90 | 2783 | 8.39 | 2851   | 8.90 | -    | -    | -      | -    |
| 5616       | 3600       | 2436    | 5.91 | 2504   | 6.43 | 2571 | 6.96 | 2638   | 7.49 | 2705 | 8.02  | 2771   | 8.55 | 2836 | 9.07 | 2901   | 9.59 | -    | -    | -      | -    |
| 5928       | 3800       | 2512    | 6.47 | 2577   | 7.00 | 2641 | 7.54 | 2705   | 8.10 | 2768 | 8.67  | 2831   | 9.23 | 2894 | 9.79 | -      | -    | -    | -    | -      | -    |
| 6240       | 4000       | 2591    | 7.09 | 2653   | 7.62 | 2714 | 8.18 | 2775   | 8.75 | 2836 | 9.34  | 2896   | 9.93 | -    | -    | -      | -    | -    | -    | -      | -    |
| 6552       | 4200       | 2671    | 7.75 | 2731   | 8.30 | 2790 | 8.87 | 2848   | 9.45 | 2907 | 10.05 | -      | -    | -    | -    | -      | -    | -    | -    | -      | -    |
| 6864       | 4400       | 2753    | 8.47 | 2811   | 9.04 | 2868 | 9.62 | -      | -    | -    | -     | -      | -    | -    | -    | -      | -    | -    | -    | -      | -    |
| 7176       | 4600       | 2836    | 9.24 | 2892   | 9.83 | -    | -    | -      | -    | -    | -     | -      | -    | -    | -    | -      | -    | -    | -    | -      | -    |

PERFORMANCE SHOWN IS FOR INSTALLATION TYPE B - FREE INLET, DUCTED OUTLET.  
POWER RATING (BHP) DOES NOT INCLUDE DRIVE LOSSES.  
PERFORMANCE RATINGS DO NOT INCLUDE THE EFFECTS OF APPURTENANCES IN THE AIRSTREAM.

CLASS I BLOWERS  
CLASS II BLOWERS



# PEERLESS-ELECTRIC ULTRAFAN-PAK 2000 PERFORMANCE TABLES

## B-182

TIP SPEED (FPM) = 4.778 X RPM

OUTLET (1.899 SQ. FT. INSIDE)  
(19-5/8" X 14-1/4" OUTSIDE)

MAX. HP = .6444 (RPM/1000)<sup>3</sup>

WHEEL DIAMETER - 18-1/4"

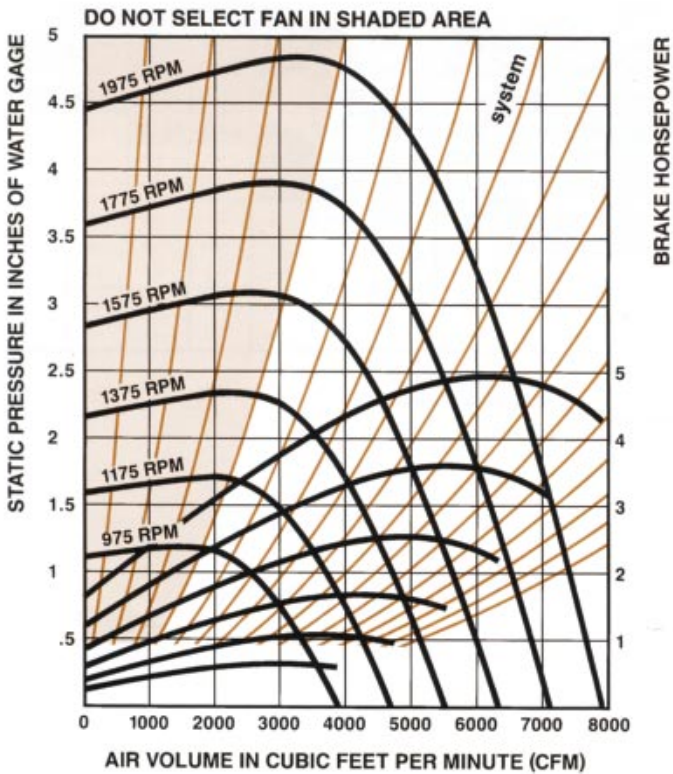
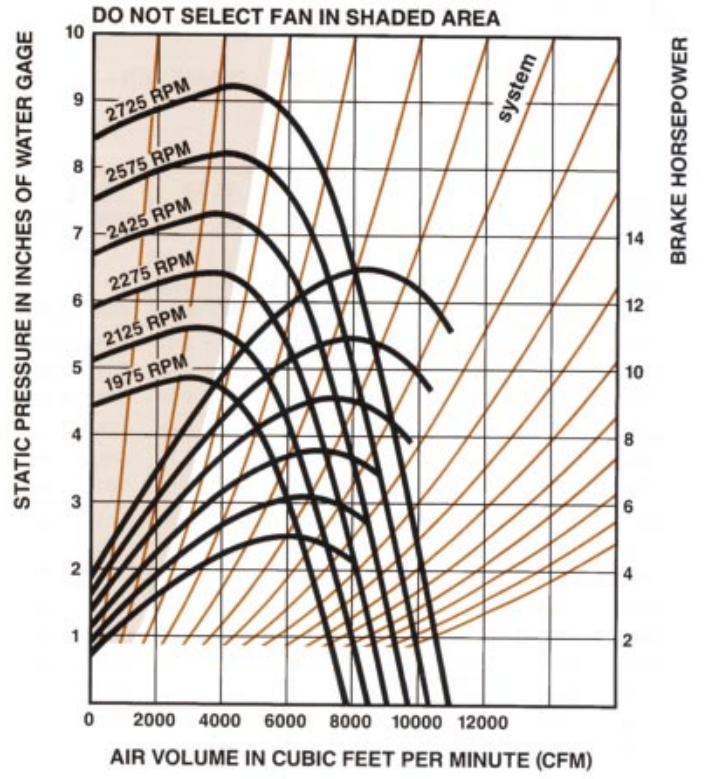
INLET (2.02 SQ. FT. INSIDE)  
(19-5/8" DIA. OUTSIDE)

MAX. RPM CL. I 2044  
CL. II 2666

| VOL CFM | VEL FPM | 0.25 SP |       | 0.5 SP |       | 0.75 |       | 1      |       | 1.25 |       | 1.5    |       | 2    |       | 2.5    |       | 3    |       | 3.5    |       |
|---------|---------|---------|-------|--------|-------|------|-------|--------|-------|------|-------|--------|-------|------|-------|--------|-------|------|-------|--------|-------|
|         |         | RPM     | BHP   | RPM    | BHP   | RPM  | BHP   | RPM    | BHP   | RPM  | BHP   | RPM    | BHP   | RPM  | BHP   | RPM    | BHP   | RPM  | BHP   | RPM    | BHP   |
| 1519    | 800     | 527     | 0.09  | 658    | 0.17  | -    | -     | -      | -     | -    | -     | -      | -     | -    | -     | -      | -     | -    | -     | -      | -     |
| 1709    | 900     | 562     | 0.11  | 679    | 0.19  | 793  | 0.28  | -      | -     | -    | -     | -      | -     | -    | -     | -      | -     | -    | -     | -      | -     |
| 1899    | 1000    | 599     | 0.14  | 705    | 0.22  | 809  | 0.31  | 911    | 0.42  | -    | -     | -      | -     | -    | -     | -      | -     | -    | -     | -      | -     |
| 2089    | 1100    | 638     | 0.16  | 736    | 0.25  | 831  | 0.35  | 925    | 0.46  | 1016 | 0.59  | -      | -     | -    | -     | -      | -     | -    | -     | -      | -     |
| 2279    | 1200    | 677     | 0.19  | 769    | 0.29  | 857  | 0.39  | 944    | 0.50  | 1029 | 0.63  | 1113   | 0.77  | -    | -     | -      | -     | -    | -     | -      | -     |
| 2469    | 1300    | 718     | 0.23  | 805    | 0.33  | 886  | 0.44  | 967    | 0.55  | 1047 | 0.68  | 1125   | 0.82  | -    | -     | -      | -     | -    | -     | -      | -     |
| 2659    | 1400    | 759     | 0.27  | 842    | 0.38  | 918  | 0.49  | 993    | 0.61  | 1068 | 0.74  | 1142   | 0.88  | 1286 | 1.19  | -      | -     | -    | -     | -      | -     |
| 2849    | 1500    | 801     | 0.31  | 880    | 0.43  | 952  | 0.55  | 1023   | 0.67  | 1093 | 0.81  | 1163   | 0.95  | 1299 | 1.26  | 1432   | 1.62  | -    | -     | -      | -     |
| 3038    | 1600    | 844     | 0.36  | 919    | 0.49  | 988  | 0.62  | 1055   | 0.74  | 1121 | 0.88  | 1186   | 1.02  | 1316 | 1.34  | 1442   | 1.70  | -    | -     | -      | -     |
| 3228    | 1700    | 888     | 0.42  | 959    | 0.55  | 1026 | 0.69  | 1089   | 0.82  | 1151 | 0.96  | 1213   | 1.11  | 1335 | 1.43  | 1456   | 1.79  | 1574 | 2.18  | -      | -     |
| 3418    | 1800    | 933     | 0.48  | 1000   | 0.62  | 1064 | 0.76  | 1124   | 0.91  | 1183 | 1.05  | 1242   | 1.20  | 1358 | 1.53  | 1473   | 1.89  | 1586 | 2.28  | 1697   | 2.70  |
| 3608    | 1900    | 978     | 0.55  | 1040   | 0.69  | 1103 | 0.85  | 1161   | 1.00  | 1217 | 1.15  | 1273   | 1.30  | 1383 | 1.63  | 1493   | 2.00  | 1601 | 2.39  | 1707   | 2.82  |
| 3798    | 2000    | 1023    | 0.63  | 1082   | 0.77  | 1142 | 0.94  | 1198   | 1.09  | 1252 | 1.25  | 1305   | 1.41  | 1411 | 1.75  | 1515   | 2.12  | 1619 | 2.52  | 1721   | 2.94  |
| 3988    | 2100    | 1068    | 0.71  | 1124   | 0.86  | 1182 | 1.03  | 1237   | 1.20  | 1289 | 1.36  | 1340   | 1.53  | 1440 | 1.88  | 1540   | 2.25  | 1639 | 2.65  | 1738   | 3.08  |
| 4178    | 2200    | 1114    | 0.80  | 1167   | 0.96  | 1222 | 1.13  | 1275   | 1.31  | 1326 | 1.49  | 1375   | 1.66  | 1471 | 2.01  | 1567   | 2.39  | 1662 | 2.80  | 1756   | 3.23  |
| 4368    | 2300    | 1159    | 0.90  | 1210   | 1.06  | 1263 | 1.24  | 1315   | 1.43  | 1364 | 1.61  | 1411   | 1.79  | 1504 | 2.16  | 1596   | 2.54  | 1687 | 2.95  | 1778   | 3.39  |
| 4558    | 2400    | 1204    | 1.01  | 1254   | 1.18  | 1305 | 1.36  | 1355   | 1.56  | 1403 | 1.75  | 1449   | 1.94  | 1538 | 2.32  | 1626   | 2.71  | 1714 | 3.12  | 1801   | 3.57  |
| 4937    | 2600    | 1296    | 1.25  | 1344   | 1.44  | 1389 | 1.62  | 1436   | 1.83  | 1481 | 2.04  | 1525   | 2.25  | 1609 | 2.66  | 1691   | 3.07  | 1772 | 3.50  | 1853   | 3.95  |
| 5317    | 2800    | 1388    | 1.53  | 1434   | 1.74  | 1475 | 1.93  | 1518   | 2.14  | 1562 | 2.37  | 1604   | 2.60  | 1684 | 3.04  | 1761   | 3.48  | 1837 | 3.93  | 1912   | 4.39  |
| 5697    | 3000    | 1481    | 1.85  | 1525   | 2.07  | 1563 | 2.28  | 1603   | 2.49  | 1643 | 2.73  | 1684   | 2.98  | 1760 | 3.46  | 1834   | 3.93  | 1905 | 4.40  | 1976   | 4.89  |
| 6077    | 3200    | 1573    | 2.20  | 1615   | 2.45  | 1653 | 2.67  | 1689   | 2.90  | 1727 | 3.14  | 1765   | 3.40  | 1839 | 3.92  | 1909   | 4.42  | 1977 | 4.93  | 2044   | 5.43  |
| 6457    | 3400    | 1669    | 2.63  | 1706   | 2.87  | 1743 | 3.12  | 1777   | 3.35  | 1811 | 3.60  | 1847   | 3.86  | 1918 | 4.41  | 1986   | 4.96  | 2051 | 5.50  | 2115   | 6.03  |
| VOL CFM | VEL FPM | 4 SP    |       | 4.5 SP |       | 5 SP |       | 5.5 SP |       | 6 SP |       | 6.5 SP |       | 7 SP |       | 7.5 SP |       | 8 SP |       | 8.5 SP |       |
|         |         | RPM     | BHP   | RPM    | BHP   | RPM  | BHP   | RPM    | BHP   | RPM  | BHP   | RPM    | BHP   | RPM  | BHP   | RPM    | BHP   | RPM  | BHP   | RPM    | BHP   |
| 3988    | 2100    | 1834    | 3.54  | 1930   | 4.03  | 2023 | 4.54  | -      | -     | -    | -     | -      | -     | -    | -     | -      | -     | -    | -     | -      | -     |
| 4178    | 2200    | 1850    | 3.69  | 1942   | 4.18  | 2033 | 4.69  | 2122   | 5.23  | -    | -     | -      | -     | -    | -     | -      | -     | -    | -     | -      | -     |
| 4368    | 2300    | 1868    | 3.86  | 1957   | 4.35  | 2044 | 4.86  | 2131   | 5.40  | 2216 | 5.97  | -      | -     | -    | -     | -      | -     | -    | -     | -      | -     |
| 4558    | 2400    | 1888    | 4.04  | 1974   | 4.53  | 2059 | 5.04  | 2143   | 5.58  | 2226 | 6.15  | 2307   | 6.74  | -    | -     | -      | -     | -    | -     | -      | -     |
| 4937    | 2600    | 1934    | 4.43  | 2014   | 4.93  | 2094 | 5.45  | 2172   | 6.00  | 2251 | 6.57  | 2328   | 7.15  | 2405 | 7.77  | 2480   | 8.40  | -    | -     | -      | -     |
| 5317    | 2800    | 1987    | 4.88  | 2062   | 5.39  | 2136 | 5.92  | 2211   | 6.47  | 2284 | 7.04  | 2357   | 7.64  | 2430 | 8.25  | 2502   | 8.89  | 2573 | 9.54  | 2643   | 10.22 |
| 5697    | 3000    | 2046    | 5.38  | 2116   | 5.90  | 2186 | 6.44  | 2256   | 7.00  | 2326 | 7.58  | 2394   | 8.19  | 2463 | 8.81  | 2531   | 9.44  | 2599 | 10.10 | 2666   | 10.78 |
| 6077    | 3200    | 2110    | 5.95  | 2176   | 6.48  | 2241 | 7.03  | 2307   | 7.60  | 2372 | 8.19  | 2438   | 8.80  | 2503 | 9.42  | 2567   | 10.07 | 2631 | 10.73 | -      | -     |
| 6457    | 3400    | 2177    | 6.57  | 2240   | 7.12  | 2302 | 7.68  | 2364   | 8.26  | 2425 | 8.86  | 2487   | 9.48  | 2548 | 10.11 | 2610   | 10.77 | -    | -     | -      | -     |
| 6836    | 3600    | 2248    | 7.24  | 2307   | 7.81  | 2366 | 8.39  | 2425   | 8.99  | 2483 | 9.60  | 2542   | 10.23 | 2600 | 10.87 | 2658   | 11.53 | -    | -     | -      | -     |
| 7216    | 3800    | 2321    | 7.98  | 2378   | 8.57  | 2434 | 9.17  | 2490   | 9.79  | 2545 | 10.41 | 2601   | 11.05 | 2656 | 11.70 | -      | -     | -    | -     | -      | -     |
| 7596    | 4000    | 2396    | 8.76  | 2451   | 9.39  | 2504 | 10.02 | 2558   | 10.65 | 2611 | 11.29 | 2664   | 11.94 | -    | -     | -      | -     | -    | -     | -      | -     |
| 7976    | 4200    | 2473    | 9.60  | 2526   | 10.26 | 2577 | 10.92 | 2628   | 11.58 | -    | -     | -      | -     | -    | -     | -      | -     | -    | -     | -      | -     |
| 8356    | 4400    | 2551    | 10.49 | 2602   | 11.19 | 2652 | 11.88 | -      | -     | -    | -     | -      | -     | -    | -     | -      | -     | -    | -     | -      | -     |
| 8735    | 4600    | 2630    | 11.44 | -      | -     | -    | -     | -      | -     | -    | -     | -      | -     | -    | -     | -      | -     | -    | -     | -      | -     |

PERFORMANCE SHOWN IS FOR INSTALLATION TYPE B - FREE INLET, DUCTED OUTLET.  
POWER RATING (BHP) DOES NOT INCLUDE DRIVE LOSSES.  
PERFORMANCE RATINGS DO NOT INCLUDE THE EFFECTS OF APPURTENANCES IN THE AIRSTREAM.

CLASS I BLOWERS  
CLASS II BLOWERS



# PEERLESS-ELECTRIC ULTRAFAN-PAK 2000 PERFORMANCE TABLES

## B-200

TIP SPEED (FPM) = 5.236 X RPM

OUTLET {2.318 SQ. FT. INSIDE}  
{21-1/2" X 15-7/8" OUTSIDE}

MAX. HP = 1.0139 (RPM / 1000)<sup>3</sup>

WHEEL DIAMETER - 20"

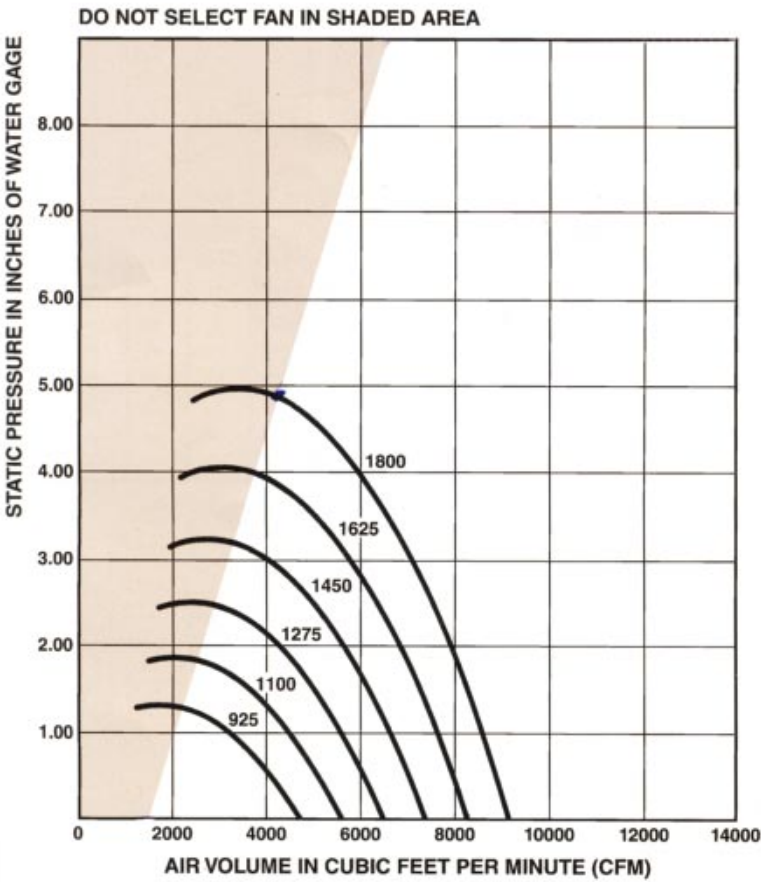
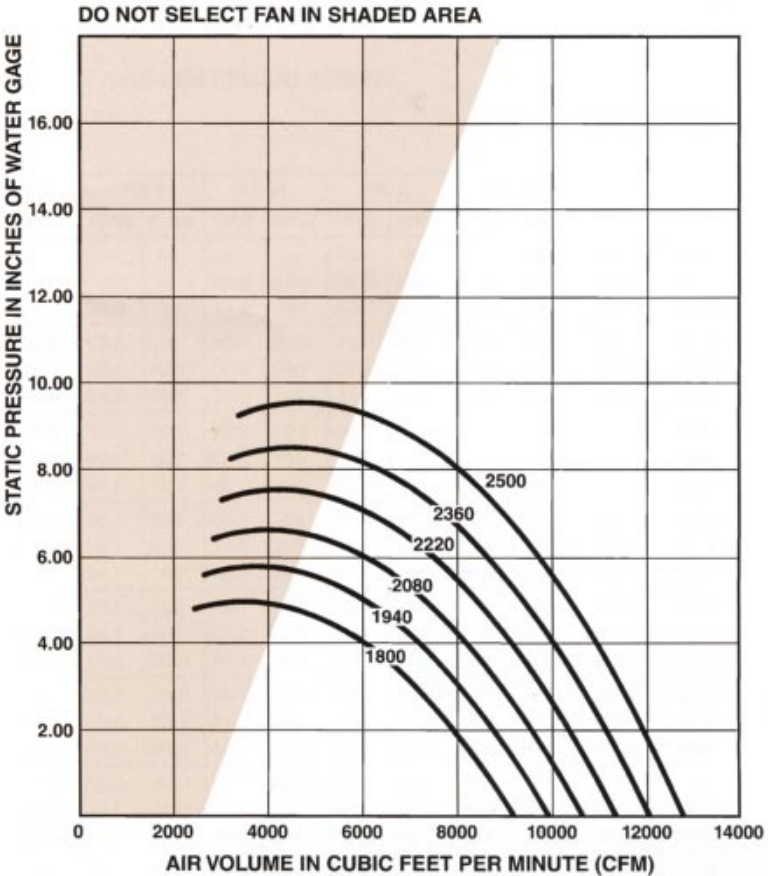
INLET {2.435 SQ. FT. INSIDE}  
{21-1/2" DIA. OUTSIDE}

MAX. RPM CL. I 1866  
CL. II 2432

| VOL CFM | VEL FPM | 0.25 SP |       | 0.5 SP |       | 0.75 |       | 1      |       | 1.25 |       | 1.5    |       | 2    |       | 2.5    |       | 3    |       | 3.5    |       |
|---------|---------|---------|-------|--------|-------|------|-------|--------|-------|------|-------|--------|-------|------|-------|--------|-------|------|-------|--------|-------|
|         |         | RPM     | BHP   | RPM    | BHP   | RPM  | BHP   | RPM    | BHP   | RPM  | BHP   | RPM    | BHP   | RPM  | BHP   | RPM    | BHP   | RPM  | BHP   | RPM    | BHP   |
| 1854    | 800     | 492     | 0.12  | 610    | 0.22  | 716  | 0.34  | -      | -     | -    | -     | -      | -     | -    | -     | -      | -     | -    | -     | -      | -     |
| 2086    | 900     | 524     | 0.15  | 632    | 0.26  | 731  | 0.38  | -      | -     | -    | -     | -      | -     | -    | -     | -      | -     | -    | -     | -      | -     |
| 2318    | 1000    | 558     | 0.18  | 658    | 0.29  | 751  | 0.42  | 838    | 0.56  | 920  | 0.7   | -      | -     | -    | -     | -      | -     | -    | -     | -      | -     |
| 2550    | 1100    | 594     | 0.21  | 686    | 0.33  | 774  | 0.47  | 856    | 0.62  | 934  | 0.77  | -      | -     | -    | -     | -      | -     | -    | -     | -      | -     |
| 2782    | 1200    | 632     | 0.25  | 717    | 0.38  | 799  | 0.53  | 877    | 0.68  | 951  | 0.84  | 1022   | 1     | -    | -     | -      | -     | -    | -     | -      | -     |
| 3013    | 1300    | 670     | 0.3   | 750    | 0.43  | 827  | 0.58  | 901    | 0.75  | 971  | 0.91  | 1039   | 1.09  | -    | -     | -      | -     | -    | -     | -      | -     |
| 3245    | 1400    | 710     | 0.35  | 784    | 0.49  | 857  | 0.65  | 926    | 0.82  | 994  | 1     | 1059   | 1.18  | 1182 | 1.56  | -      | -     | -    | -     | -      | -     |
| 3477    | 1500    | 750     | 0.41  | 820    | 0.56  | 888  | 0.72  | 954    | 0.9   | 1019 | 1.08  | 1081   | 1.28  | 1200 | 1.67  | 1312   | 2.09  | -    | -     | -      | -     |
| 3709    | 1600    | 791     | 0.47  | 857    | 0.63  | 921  | 0.8   | 984    | 0.99  | 1045 | 1.18  | 1105   | 1.38  | 1219 | 1.8   | 1328   | 2.23  | 1431 | 2.68  | -      | -     |
| 3941    | 1700    | 833     | 0.55  | 895    | 0.71  | 955  | 0.89  | 1015   | 1.08  | 1074 | 1.28  | 1131   | 1.49  | 1241 | 1.92  | 1346   | 2.37  | 1446 | 2.84  | 1542   | 3.33  |
| 4172    | 1800    | 875     | 0.63  | 933    | 0.8   | 991  | 0.99  | 1048   | 1.18  | 1104 | 1.39  | 1158   | 1.61  | 1264 | 2.06  | 1365   | 2.53  | 1463 | 3.01  | 1556   | 3.51  |
| 4404    | 1900    | 917     | 0.73  | 972    | 0.9   | 1027 | 1.09  | 1081   | 1.29  | 1135 | 1.51  | 1187   | 1.73  | 1289 | 2.2   | 1387   | 2.68  | 1481 | 3.19  | 1572   | 3.71  |
| 4636    | 2000    | 960     | 0.83  | 1012   | 1.01  | 1064 | 1.21  | 1116   | 1.42  | 1167 | 1.64  | 1218   | 1.87  | 1316 | 2.35  | 1410   | 2.85  | 1502 | 3.37  | 1590   | 3.91  |
| 4868    | 2100    | 1003    | 0.94  | 1053   | 1.13  | 1102 | 1.33  | 1152   | 1.55  | 1201 | 1.77  | 1249   | 2.01  | 1344 | 2.51  | 1435   | 3.03  | 1524 | 3.57  | 1609   | 4.12  |
| 5100    | 2200    | 1046    | 1.06  | 1093   | 1.26  | 1141 | 1.47  | 1188   | 1.69  | 1235 | 1.92  | 1282   | 2.17  | 1373 | 2.68  | 1461   | 3.21  | 1547 | 3.77  | 1631   | 4.34  |
| 5331    | 2300    | 1089    | 1.2   | 1135   | 1.4   | 1180 | 1.61  | 1226   | 1.84  | 1271 | 2.08  | 1315   | 2.33  | 1403 | 2.86  | 1489   | 3.41  | 1572 | 3.98  | 1653   | 4.57  |
| 5563    | 2400    | 1132    | 1.34  | 1176   | 1.55  | 1220 | 1.77  | 1263   | 2     | 1307 | 2.25  | 1350   | 2.51  | 1434 | 3.05  | 1517   | 3.61  | 1598 | 4.2   | 1677   | 4.8   |
| 6027    | 2600    | 1220    | 1.67  | 1260   | 1.89  | 1301 | 2.12  | 1341   | 2.37  | 1381 | 2.63  | 1421   | 2.9   | 1500 | 3.46  | 1578   | 4.06  | 1654 | 4.68  | 1728   | 5.31  |
| 6490    | 2800    | 1308    | 2.05  | 1345   | 2.28  | 1382 | 2.53  | 1420   | 2.79  | 1457 | 3.06  | 1495   | 3.34  | 1569 | 3.93  | 1641   | 4.55  | 1713 | 5.2   | 1784   | 5.87  |
| 6954    | 3000    | 1396    | 2.49  | 1431   | 2.73  | 1466 | 2.99  | 1501   | 3.26  | 1536 | 3.55  | 1571   | 3.84  | 1640 | 4.46  | 1709   | 5.1   | 1776 | 5.78  | 1843   | 6.48  |
| 7418    | 3200    | 1485    | 2.98  | 1517   | 3.24  | 1550 | 3.51  | 1583   | 3.8   | 1616 | 4.09  | 1648   | 4.4   | 1714 | 5.04  | 1778   | 5.71  | 1842 | 6.42  | 1906   | 7.14  |
| 7881    | 3400    | 1573    | 3.54  | 1604   | 3.82  | 1635 | 4.1   | 1666   | 4.4   | 1697 | 4.71  | 1727   | 5.02  | 1789 | 5.69  | 1850   | 6.39  | 1911 | 7.11  | 1971   | 7.87  |
| 8345    | 3600    | 1662    | 4.17  | 1691   | 4.46  | 1720 | 4.76  | 1750   | 5.07  | 1779 | 5.39  | 1808   | 5.72  | 1866 | 6.41  | 1924   | 7.13  | 1982 | 7.88  | 2039   | 8.66  |
| 8808    | 3800    | 1752    | 4.87  | 1779   | 5.17  | 1806 | 5.48  | 1834   | 5.81  | 1862 | 6.14  | 1889   | 6.48  | 1945 | 7.2   | 2000   | 7.95  | 2054 | 8.72  | 2109   | 9.53  |
| 9272    | 4000    | 1841    | 5.65  | 1867   | 5.96  | 1893 | 6.29  | 1919   | 6.62  | 1946 | 6.97  | 1972   | 7.33  | 2024 | 8.07  | 2077   | 8.84  | 2129 | 9.64  | 2181   | 10.47 |
| 9736    | 4200    | 1930    | 6.51  | 1955   | 6.84  | 1980 | 7.18  | 2005   | 7.52  | 2030 | 7.88  | 2055   | 8.25  | 2105 | 9.02  | 2155   | 9.81  | 2205 | 10.64 | 2254   | 11.49 |
| 10199   | 4400    | 2020    | 7.45  | 2044   | 7.79  | 2067 | 8.14  | 2091   | 8.51  | 2115 | 8.88  | 2139   | 9.26  | 2187 | 10.05 | 2234   | 10.87 | 2282 | 11.72 | 2329   | 12.6  |
| 10663   | 4600    | 2110    | 8.48  | 2132   | 8.84  | 2155 | 9.2   | 2178   | 9.58  | 2201 | 9.96  | 2223   | 10.36 | 2269 | 11.17 | 2315   | 12.02 | 2360 | 12.89 | 2406   | 13.79 |
| 11126   | 4800    | 2199    | 9.6   | 2221   | 9.97  | 2243 | 10.35 | 2265   | 10.74 | 2286 | 11.14 | 2308   | 11.54 | 2352 | 12.38 | 2396   | 13.26 | -    | -     | -      | -     |
| 11590   | 5000    | 2289    | 10.82 | 2310   | 11.2  | 2331 | 11.6  | 2352   | 12    | 2373 | 12.41 | 2394   | 12.83 | -    | -     | -      | -     | -    | -     | -      | -     |
| 12054   | 5200    | 2379    | 12.14 | 2400   | 12.54 | 2420 | 12.95 | -      | -     | -    | -     | -      | -     | -    | -     | -      | -     | -    | -     | -      | -     |
| VOL CFM | VEL FPM | 4 SP    |       | 4.5 SP |       | 5 SP |       | 5.5 SP |       | 6 SP |       | 6.5 SP |       | 7 SP |       | 7.5 SP |       | 8 SP |       | 8.5 SP |       |
|         |         | RPM     | BHP   | RPM    | BHP   | RPM  | BHP   | RPM    | BHP   | RPM  | BHP   | RPM    | BHP   | RPM  | BHP   | RPM    | BHP   | RPM  | BHP   | RPM    | BHP   |
| 4868    | 2100    | 1693    | 4.69  | 1774   | 5.27  | 1852 | 5.86  | -      | -     | -    | -     | -      | -     | -    | -     | -      | -     | -    | -     | -      | -     |
| 5100    | 2200    | 1712    | 4.92  | 1791   | 5.52  | 1867 | 6.13  | 1942   | 6.75  | 2016 | 7.39  | -      | -     | -    | -     | -      | -     | -    | -     | -      | -     |
| 5331    | 2300    | 1732    | 5.17  | 1809   | 5.78  | 1884 | 6.41  | 1957   | 7.05  | 2029 | 7.7   | -      | -     | -    | -     | -      | -     | -    | -     | -      | -     |
| 5563    | 2400    | 1754    | 5.42  | 1829   | 6.06  | 1902 | 6.7   | 1974   | 7.36  | 2044 | 8.03  | 2113   | 8.71  | 2180 | 9.4   | -      | -     | -    | -     | -      | -     |
| 6027    | 2600    | 1801    | 5.97  | 1872   | 6.63  | 1942 | 7.31  | 2011   | 8.01  | 2078 | 8.71  | 2144   | 9.42  | 2209 | 10.15 | 2273   | 10.88 | 2335 | 11.62 | -      | -     |
| 6490    | 2800    | 1853    | 6.55  | 1921   | 7.25  | 1988 | 7.97  | 2053   | 8.69  | 2118 | 9.43  | 2181   | 10.18 | 2243 | 10.94 | 2304   | 11.71 | 2365 | 12.48 | 2424   | 13.27 |
| 6954    | 3000    | 1909    | 7.19  | 1973   | 7.92  | 2037 | 8.67  | 2100   | 9.43  | 2162 | 10.2  | 2222   | 10.99 | 2282 | 11.78 | 2341   | 12.58 | 2399 | 13.4  | -      | -     |
| 7418    | 3200    | 1968    | 7.89  | 2030   | 8.65  | 2091 | 9.43  | 2151   | 10.22 | 2210 | 11.03 | 2268   | 11.85 | 2326 | 12.67 | 2382   | 13.51 | -    | -     | -      | -     |
| 7881    | 3400    | 2030    | 8.64  | 2089   | 9.43  | 2147 | 10.24 | 2205   | 11.07 | 2262 | 11.91 | 2318   | 12.76 | 2373 | 13.62 | 2427   | 14.49 | -    | -     | -      | -     |
| 8345    | 3600    | 2095    | 9.46  | 2152   | 10.28 | 2207 | 11.12 | 2262   | 11.98 | 2317 | 12.85 | 2370   | 13.73 | 2424 | 14.62 | -      | -     | -    | -     | -      | -     |
| 8808    | 3800    | 2163    | 10.35 | 2216   | 11.2  | 2270 | 12.07 | 2322   | 12.95 | 2375 | 13.85 | 2426   | 14.77 | -    | -     | -      | -     | -    | -     | -      | -     |
| 9272    | 4000    | 2232    | 11.32 | 2284   | 12.2  | 2335 | 13.09 | 2385   | 14    | -    | -     | -      | -     | -    | -     | -      | -     | -    | -     | -      | -     |
| 9736    | 4200    | 2304    | 12.37 | 2353   | 13.27 | 2402 | 14.19 | -      | -     | -    | -     | -      | -     | -    | -     | -      | -     | -    | -     | -      | -     |
| 10199   | 4400    | 2377    | 13.5  | 2424   | 14.42 | -    | -     | -      | -     | -    | -     | -      | -     | -    | -     | -      | -     | -    | -     | -      | -     |

PERFORMANCE SHOWN IS FOR INSTALLATION TYPE B - FREE INLET, DUCTED OUTLET.  
POWER RATING (BHP) DOES NOT INCLUDE DRIVE LOSSES.  
PERFORMANCE RATINGS DO NOT INCLUDE THE EFFECTS OF APPURTENANCES IN THE AIRSTREAM.

CLASS I BLOWERS  
CLASS II BLOWERS



# PEERLESS-ELECTRIC ULTRAFAN-PAK 2000 PERFORMANCE TABLES

## B-222

TIP SPEED (FPM) = 5.825 X RPM

OUTLET (2.827 SQ. FT. INSIDE)  
(24 " X 17-3/8" OUTSIDE)

INLET (3.015 SQ. FT. INSIDE)  
(23-7/8" DIA. OUTSIDE)

WHEEL DIAMETER - 22-1/4"

MAX. RPM CL. I 1661

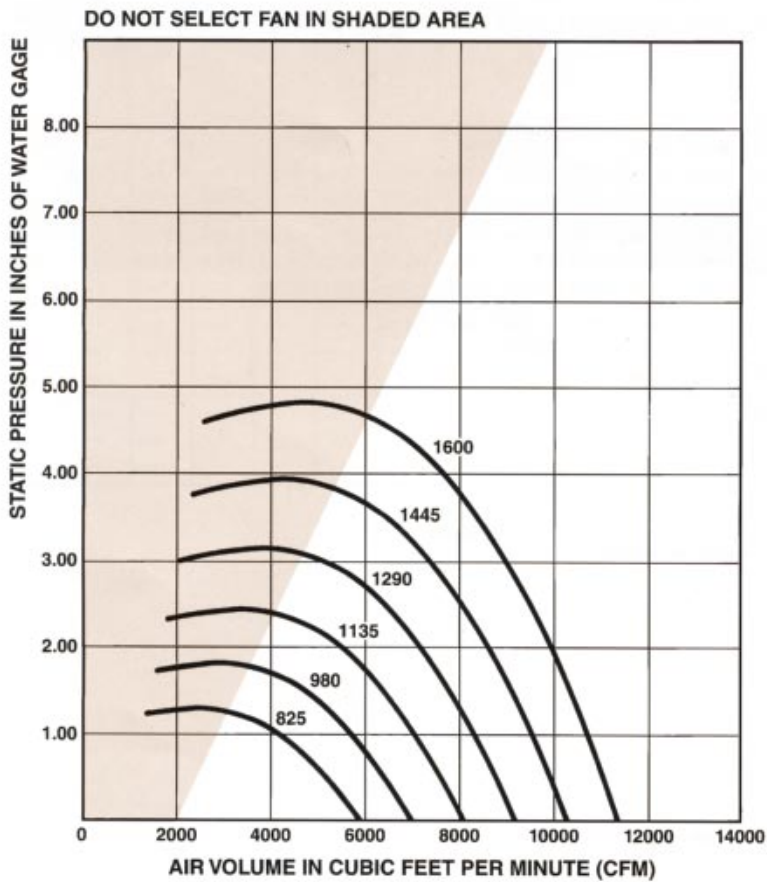
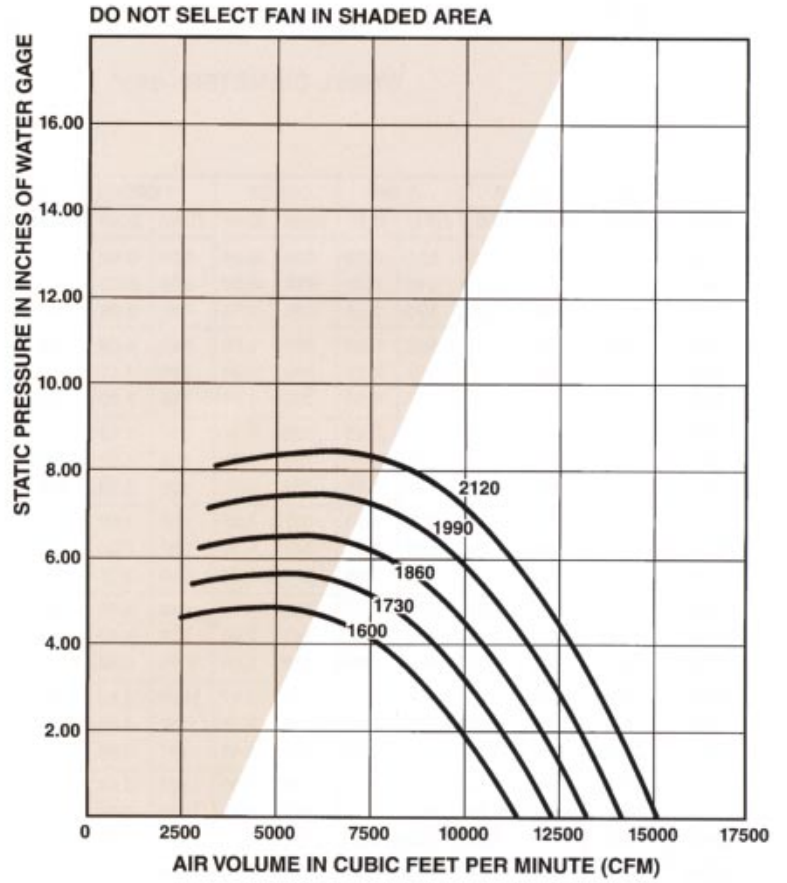
MAX. HP = 1.8739 (RPM / 1000)<sup>3</sup>

CL. II 2166

| VOL<br>CFM | VEL<br>FPM | 0.25 SP |       | 0.5 SP |       | 0.75 |       | 1      |       | 1.25 |       | 1.5    |       | 2    |       | 2.5    |       | 3    |       | 3.5    |       |
|------------|------------|---------|-------|--------|-------|------|-------|--------|-------|------|-------|--------|-------|------|-------|--------|-------|------|-------|--------|-------|
|            |            | RPM     | BHP   | RPM    | BHP   | RPM  | BHP   | RPM    | BHP   | RPM  | BHP   | RPM    | BHP   | RPM  | BHP   | RPM    | BHP   | RPM  | BHP   | RPM    | BHP   |
| 2262       | 800        | 428     | 0.15  | 536    | 0.27  | -    | -     | -      | -     | -    | -     | -      | -     | -    | -     | -      | -     | -    | -     | -      | -     |
| 2544       | 900        | 456     | 0.18  | 553    | 0.3   | 645  | 0.45  | -      | -     | -    | -     | -      | -     | -    | -     | -      | -     | -    | -     | -      | -     |
| 2827       | 1000       | 486     | 0.21  | 574    | 0.35  | 659  | 0.5   | 741    | 0.67  | -    | -     | -      | -     | -    | -     | -      | -     | -    | -     | -      | -     |
| 3110       | 1100       | 517     | 0.25  | 598    | 0.39  | 677  | 0.56  | 753    | 0.73  | 827  | 0.93  | -      | -     | -    | -     | -      | -     | -    | -     | -      | -     |
| 3392       | 1200       | 550     | 0.3   | 624    | 0.45  | 697  | 0.62  | 768    | 0.8   | 838  | 1     | 905    | 1.22  | -    | -     | -      | -     | -    | -     | -      | -     |
| 3675       | 1300       | 584     | 0.36  | 653    | 0.51  | 720  | 0.69  | 787    | 0.88  | 852  | 1.09  | 916    | 1.3   | -    | -     | -      | -     | -    | -     | -      | -     |
| 3958       | 1400       | 619     | 0.42  | 683    | 0.59  | 746  | 0.77  | 808    | 0.97  | 870  | 1.18  | 930    | 1.4   | 1046 | 1.89  | -      | -     | -    | -     | -      | -     |
| 4241       | 1500       | 655     | 0.49  | 714    | 0.67  | 773  | 0.86  | 831    | 1.06  | 889  | 1.28  | 946    | 1.51  | 1058 | 2.01  | -      | -     | -    | -     | -      | -     |
| 4523       | 1600       | 691     | 0.57  | 746    | 0.76  | 802  | 0.95  | 857    | 1.16  | 911  | 1.39  | 965    | 1.63  | 1071 | 2.14  | 1173   | 2.69  | -    | -     | -      | -     |
| 4806       | 1700       | 727     | 0.66  | 779    | 0.86  | 832  | 1.06  | 883    | 1.28  | 935  | 1.51  | 986    | 1.75  | 1087 | 2.28  | 1185   | 2.84  | -    | -     | -      | -     |
| 5089       | 1800       | 764     | 0.76  | 813    | 0.97  | 863  | 1.18  | 912    | 1.4   | 961  | 1.64  | 1009   | 1.89  | 1105 | 2.43  | 1199   | 3     | 1291 | 3.62  | 1380   | 4.27  |
| 5371       | 1900       | 801     | 0.88  | 848    | 1.09  | 894  | 1.31  | 941    | 1.54  | 988  | 1.79  | 1034   | 2.04  | 1125 | 2.59  | 1215   | 3.18  | 1303 | 3.81  | 1389   | 4.47  |
| 5654       | 2000       | 838     | 1     | 883    | 1.22  | 927  | 1.45  | 971    | 1.69  | 1016 | 1.94  | 1060   | 2.21  | 1147 | 2.77  | 1233   | 3.37  | 1318 | 4.01  | 1401   | 4.68  |
| 5937       | 2100       | 876     | 1.13  | 918    | 1.36  | 960  | 1.6   | 1003   | 1.85  | 1045 | 2.11  | 1087   | 2.38  | 1171 | 2.95  | 1253   | 3.57  | 1335 | 4.22  | 1415   | 4.91  |
| 6219       | 2200       | 913     | 1.28  | 954    | 1.52  | 994  | 1.76  | 1035   | 2.02  | 1075 | 2.29  | 1115   | 2.57  | 1195 | 3.16  | 1275   | 3.78  | 1353 | 4.45  | 1430   | 5.14  |
| 6502       | 2300       | 951     | 1.44  | 990    | 1.69  | 1029 | 1.94  | 1067   | 2.21  | 1106 | 2.49  | 1145   | 2.77  | 1221 | 3.37  | 1297   | 4.01  | 1373 | 4.69  | 1447   | 5.4   |
| 6785       | 2400       | 989     | 1.61  | 1027   | 1.87  | 1064 | 2.14  | 1101   | 2.41  | 1138 | 2.7   | 1175   | 2.99  | 1248 | 3.61  | 1322   | 4.26  | 1394 | 4.95  | 1466   | 5.67  |
| 7350       | 2600       | 1066    | 2.01  | 1100   | 2.28  | 1134 | 2.56  | 1169   | 2.86  | 1203 | 3.16  | 1237   | 3.47  | 1305 | 4.11  | 1373   | 4.8   | 1441 | 5.51  | 1508   | 6.26  |
| 7916       | 2800       | 1143    | 2.46  | 1175   | 2.75  | 1206 | 3.06  | 1238   | 3.37  | 1270 | 3.68  | 1302   | 4.01  | 1365 | 4.69  | 1428   | 5.4   | 1491 | 6.14  | 1554   | 6.92  |
| 8481       | 3000       | 1220    | 2.98  | 1250   | 3.29  | 1279 | 3.61  | 1309   | 3.94  | 1339 | 4.28  | 1368   | 4.62  | 1428 | 5.33  | 1487   | 6.07  | 1546 | 6.85  | 1604   | 7.65  |
| 9046       | 3200       | 1297    | 3.57  | 1325   | 3.9   | 1353 | 4.24  | 1381   | 4.59  | 1409 | 4.94  | 1437   | 5.3   | 1492 | 6.05  | 1548   | 6.82  | 1603 | 7.62  | 1658   | 8.45  |
| 9612       | 3400       | 1375    | 4.24  | 1401   | 4.59  | 1428 | 4.95  | 1454   | 5.31  | 1480 | 5.69  | 1506   | 6.07  | 1559 | 6.84  | 1611   | 7.65  | 1663 | 8.48  | 1715   | 9.34  |
| 10177      | 3600       | 1453    | 4.98  | 1478   | 5.53  | 1502 | 5.73  | 1527   | 6.12  | 1552 | 6.51  | 1577   | 6.91  | 1626 | 7.72  | 1676   | 8.56  | 1725 | 9.42  | 1774   | 10.31 |
| 10743      | 3800       | 1531    | 5.82  | 1555   | 6.21  | 1578 | 6.61  | 1601   | 7.01  | 1625 | 7.42  | 1648   | 7.83  | 1695 | 8.68  | 1742   | 9.56  | 1789 | 10.46 | 1836   | 11.38 |
| 11308      | 4000       | 1609    | 6.74  | 1631   | 7.15  | 1654 | 7.57  | 1676   | 7.99  | 1698 | 8.42  | 1721   | 8.85  | 1765 | 9.74  | 1810   | 10.65 | 1854 | 11.58 | 1899   | 12.53 |
| 11873      | 4200       | 1687    | 7.76  | 1709   | 8.19  | 1730 | 8.62  | 1751   | 9.07  | 1772 | 9.51  | 1794   | 9.97  | 1836 | 10.89 | 1878   | 11.83 | 1921 | 12.8  | 1963   | 13.78 |
| 12439      | 4400       | 1766    | 8.87  | 1786   | 9.33  | 1806 | 9.78  | 1827   | 10.24 | 1847 | 10.71 | 1867   | 11.18 | 1908 | 12.14 | 1948   | 13.12 | 1989 | 14.12 | 2029   | 15.14 |
| 13004      | 4600       | 1844    | 10.1  | 1864   | 10.57 | 1883 | 11.04 | 1902   | 11.52 | 1922 | 12.01 | 1941   | 12.5  | 1980 | 13.5  | 2019   | 14.51 | 2057 | 15.55 | 2096   | 16.6  |
| 13570      | 4800       | 1923    | 11.43 | 1941   | 11.92 | 1960 | 12.42 | 1979   | 12.92 | 1997 | 13.42 | 2016   | 13.93 | 2053 | 14.96 | 2090   | 16.02 | 2127 | 17.09 | 2164   | 18.18 |
| 14135      | 5000       | 2001    | 12.87 | 2019   | 13.39 | 2037 | 13.9  | 2055   | 14.42 | 2073 | 14.94 | 2091   | 15.47 | 2126 | 16.54 | 2162   | 17.63 | -    | -     | -      | -     |
| 14700      | 5200       | 2080    | 14.44 | 2097   | 14.97 | 2114 | 15.5  | 2131   | 16.04 | 2149 | 16.58 | 2166   | 17.13 | -    | -     | -      | -     | -    | -     | -      | -     |
| 15266      | 5400       | 2159    | 16.13 | -      | -     | -    | -     | -      | -     | -    | -     | -      | -     | -    | -     | -      | -     | -    | -     | -      | -     |
| VOL<br>CFM | VEL<br>FPM | 4 SP    |       | 4.5 SP |       | 5 SP |       | 5.5 SP |       | 6 SP |       | 6.5 SP |       | 7 SP |       | 7.5 SP |       | 8 SP |       | 8.5 SP |       |
|            |            | RPM     | BHP   | RPM    | BHP   | RPM  | BHP   | RPM    | BHP   | RPM  | BHP   | RPM    | BHP   | RPM  | BHP   | RPM    | BHP   | RPM  | BHP   | RPM    | BHP   |
| 5937       | 2100       | 1493    | 5.62  | 1570   | 6.37  | -    | -     | -      | -     | -    | -     | -      | -     | -    | -     | -      | -     | -    | -     | -      | -     |
| 6219       | 2200       | 1506    | 5.87  | 1580   | 6.64  | -    | -     | -      | -     | -    | -     | -      | -     | -    | -     | -      | -     | -    | -     | -      | -     |
| 6502       | 2300       | 1521    | 6.14  | 1593   | 6.91  | 1664 | 7.71  | -      | -     | -    | -     | -      | -     | -    | -     | -      | -     | -    | -     | -      | -     |
| 6785       | 2400       | 1537    | 6.42  | 1607   | 7.21  | 1676 | 8.02  | 1743   | 8.86  | -    | -     | -      | -     | -    | -     | -      | -     | -    | -     | -      | -     |
| 7350       | 2600       | 1574    | 7.04  | 1640   | 7.84  | 1705 | 8.68  | 1769   | 9.54  | 1832 | 10.43 | 1894   | 11.35 | -    | -     | -      | -     | -    | -     | -      | -     |
| 7916       | 2800       | 1616    | 7.72  | 1678   | 8.55  | 1739 | 9.41  | 1800   | 10.3  | 1860 | 11.21 | 1919   | 12.15 | 1978 | 13.11 | 2036   | 14.1  | 2093 | 15.11 | -      | -     |
| 8481       | 3000       | 1663    | 8.48  | 1721   | 9.33  | 1779 | 10.22 | 1836   | 11.13 | 1893 | 12.07 | 1949   | 13.03 | 2005 | 14.01 | 2060   | 15.02 | 2115 | 16.05 | -      | -     |
| 9046       | 3200       | 1713    | 9.31  | 1768   | 10.19 | 1823 | 11.1  | 1877   | 12.04 | 1931 | 13    | 1984   | 13.99 | 2037 | 15    | 2090   | 16.03 | 2142 | 17.08 | -      | -     |
| 9612       | 3400       | 1767    | 10.23 | 1819   | 11.14 | 1870 | 12.08 | 1922   | 13.04 | 1973 | 14.02 | 2024   | 15.03 | 2074 | 16.07 | 2125   | 17.12 | -    | -     | -      | -     |
| 10177      | 3600       | 1823    | 11.23 | 1872   | 12.17 | 1921 | 13.13 | 1970   | 14.12 | 2019 | 15.13 | 2067   | 16.17 | 2115 | 17.23 | 2163   | 18.31 | -    | -     | -      | -     |
| 10743      | 3800       | 1882    | 12.32 | 1929   | 13.29 | 1975 | 14.29 | 2022   | 15.3  | 2068 | 16.34 | 2114   | 17.4  | 2160 | 18.48 | -      | -     | -    | -     | -      | -     |
| 11308      | 4000       | 1943    | 13.51 | 1987   | 14.51 | 2031 | 15.53 | 2076   | 16.58 | 2120 | 17.64 | 2164   | 18.73 | -    | -     | -      | -     | -    | -     | -      | -     |
| 11873      | 4200       | 2005    | 14.8  | 2048   | 15.82 | 2090 | 16.88 | 2132   | 17.95 | -    | -     | -      | -     | -    | -     | -      | -     | -    | -     | -      | -     |
| 12439      | 4400       | 2070    | 16.18 | 2110   | 17.25 | 2150 | 18.33 | -      | -     | -    | -     | -      | -     | -    | -     | -      | -     | -    | -     | -      | -     |
| 13004      | 4600       | 2135    | 17.68 | -      | -     | -    | -     | -      | -     | -    | -     | -      | -     | -    | -     | -      | -     | -    | -     | -      | -     |

PERFORMANCE SHOWN IS FOR INSTALLATION TYPE B - FREE INLET, DUCTED OUTLET.  
POWER RATING (BHP) DOES NOT INCLUDE DRIVE LOSSES.  
PERFORMANCE RATINGS DO NOT INCLUDE THE EFFECTS OF APPURTENANCES IN THE AIRSTREAM.

CLASS I BLOWERS  
CLASS II BLOWERS



# PEERLESS-ELECTRIC ULTRAFAN-PAK 2000 PERFORMANCE TABLES

## B-245

TIP SPEED (FPM) = 6.414 X RPM

OUTLET {3.458 SQ. FT. INSIDE}  
{26-1/4" X 19-1/4" OUTSIDE}

MAX. HP = 3.0246 (RPM/ 1000)<sup>3</sup>

WHEEL DIAMETER - 24-1/2"

INLET {3.650 SQ. FT. INSIDE}  
{26-3/8" DIA. OUTSIDE}

MAX. RPM  
CL. I 1508  
CL. II 1967

| VOL<br>CFM | VEL<br>FPM | 0.25 SP |       | 0.5 SP |       | 0.75 |       | 1      |       | 1.25 |       | 1.5    |       | 2    |       | 2.5    |       | 3    |       | 3.5    |       |
|------------|------------|---------|-------|--------|-------|------|-------|--------|-------|------|-------|--------|-------|------|-------|--------|-------|------|-------|--------|-------|
|            |            | RPM     | BHP   | RPM    | BHP   | RPM  | BHP   | RPM    | BHP   | RPM  | BHP   | RPM    | BHP   | RPM  | BHP   | RPM    | BHP   | RPM  | BHP   | RPM    | BHP   |
| 3458       | 1000       | 444     | 0.26  | 523    | 0.42  | 600  | 0.61  | 674    | 0.82  | -    | -     | -      | -     | -    | -     | -      | -     | -    | -     | -      | -     |
| 3804       | 1100       | 473     | 0.31  | 545    | 0.48  | 616  | 0.68  | 685    | 0.9   | 752  | 1.13  | -      | -     | -    | -     | -      | -     | -    | -     | -      | -     |
| 4150       | 1200       | 503     | 0.37  | 570    | 0.55  | 635  | 0.76  | 700    | 0.98  | 762  | 1.23  | 823    | 1.49  | -    | -     | -      | -     | -    | -     | -      | -     |
| 4495       | 1300       | 534     | 0.44  | 596    | 0.63  | 657  | 0.85  | 717    | 1.08  | 776  | 1.33  | 833    | 1.59  | -    | -     | -      | -     | -    | -     | -      | -     |
| 4841       | 1400       | 566     | 0.52  | 623    | 0.72  | 680  | 0.94  | 736    | 1.18  | 792  | 1.44  | 846    | 1.71  | 951  | 2.31  | -      | -     | -    | -     | -      | -     |
| 5187       | 1500       | 599     | 0.61  | 652    | 0.82  | 705  | 1.05  | 758    | 1.3   | 810  | 1.57  | 862    | 1.85  | 962  | 2.45  | -      | -     | -    | -     | -      | -     |
| 5533       | 1600       | 632     | 0.71  | 682    | 0.93  | 732  | 1.17  | 781    | 1.43  | 831  | 1.7   | 879    | 1.99  | 975  | 2.61  | 1067   | 3.29  | -    | -     | -      | -     |
| 5879       | 1700       | 665     | 0.82  | 712    | 1.06  | 759  | 1.31  | 806    | 1.57  | 853  | 1.85  | 899    | 2.15  | 990  | 2.79  | 1078   | 3.47  | 1164 | 4.21  | -      | -     |
| 6224       | 1800       | 699     | 0.95  | 743    | 1.19  | 788  | 1.45  | 832    | 1.73  | 876  | 2.02  | 920    | 2.32  | 1007 | 2.97  | 1091   | 3.67  | 1174 | 4.42  | -      | -     |
| 6570       | 1900       | 733     | 1.09  | 775    | 1.34  | 817  | 1.61  | 859    | 1.9   | 901  | 2.2   | 943    | 2.51  | 1025 | 3.17  | 1106   | 3.89  | 1186 | 4.65  | 1263   | 5.46  |
| 6916       | 2000       | 767     | 1.24  | 807    | 1.51  | 847  | 1.79  | 887    | 2.08  | 927  | 2.39  | 967    | 2.71  | 1046 | 3.39  | 1123   | 4.12  | 1200 | 4.9   | 1274   | 5.72  |
| 7262       | 2100       | 802     | 1.41  | 840    | 1.68  | 878  | 1.98  | 916    | 2.28  | 954  | 2.6   | 992    | 2.93  | 1067 | 3.63  | 1142   | 4.37  | 1215 | 5.17  | 1287   | 6     |
| 7608       | 2200       | 836     | 1.59  | 873    | 1.88  | 909  | 2.18  | 946    | 2.5   | 982  | 2.82  | 1018   | 3.16  | 1090 | 3.88  | 1162   | 4.64  | 1232 | 5.45  | 1302   | 6.3   |
| 7953       | 2300       | 871     | 1.79  | 906    | 2.09  | 941  | 2.4   | 975    | 2.73  | 1010 | 3.06  | 1045   | 3.41  | 1114 | 4.15  | 1183   | 4.92  | 1251 | 5.75  | 1318   | 6.61  |
| 8299       | 2400       | 906     | 2     | 939    | 2.32  | 973  | 2.64  | 1006   | 2.98  | 1039 | 3.32  | 1073   | 3.68  | 1139 | 4.43  | 1205   | 5.23  | 1270 | 6.07  | 1335   | 6.95  |
| 8991       | 2600       | 976     | 2.49  | 1007   | 2.83  | 1038 | 3.17  | 1069   | 3.53  | 1099 | 3.9   | 1130   | 4.28  | 1191 | 5.07  | 1253   | 5.9   | 1313 | 6.77  | 1374   | 7.68  |
| 9682       | 2800       | 1046    | 3.05  | 1075   | 3.41  | 1104 | 3.78  | 1132   | 4.16  | 1161 | 4.55  | 1190   | 4.95  | 1247 | 5.78  | 1304   | 6.64  | 1360 | 7.55  | 1417   | 8.49  |
| 10374      | 3000       | 1117    | 3.7   | 1144   | 4.08  | 1171 | 4.48  | 1197   | 4.88  | 1224 | 5.29  | 1251   | 5.71  | 1304 | 6.58  | 1357   | 7.48  | 1411 | 8.42  | 1463   | 9.4   |
| 11066      | 3200       | 1188    | 4.44  | 1213   | 4.84  | 1238 | 5.26  | 1263   | 5.68  | 1289 | 6.12  | 1314   | 6.56  | 1364 | 7.47  | 1414   | 8.41  | 1463 | 9.39  | 1513   | 10.4  |
| 11757      | 3400       | 1259    | 5.26  | 1283   | 5.69  | 1307 | 6.13  | 1330   | 6.58  | 1354 | 7.04  | 1377   | 7.5   | 1425 | 8.45  | 1472   | 9.43  | 1519 | 10.45 | 1566   | 11.5  |
| 12449      | 3600       | 1331    | 6.2   | 1353   | 6.65  | 1375 | 7.11  | 1398   | 7.58  | 1420 | 8.06  | 1442   | 8.55  | 1487 | 9.54  | 1531   | 10.56 | 1576 | 11.62 | 1620   | 12.7  |
| 13140      | 3800       | 1402    | 7.23  | 1423   | 7.71  | 1445 | 8.2   | 1466   | 8.69  | 1487 | 9.19  | 1508   | 9.7   | 1550 | 10.74 | 1592   | 11.8  | 1634 | 12.9  | 1676   | 14.02 |
| 13832      | 4000       | 1474    | 8.38  | 1494   | 8.88  | 1514 | 9.39  | 1534   | 9.91  | 1554 | 10.43 | 1574   | 10.96 | 1614 | 12.05 | 1654   | 13.15 | 1695 | 14.29 | 1734   | 15.46 |
| 14524      | 4200       | 1546    | 9.65  | 1565   | 10.18 | 1584 | 10.71 | 1603   | 11.25 | 1622 | 11.8  | 1641   | 12.35 | 1679 | 13.48 | 1718   | 14.63 | 1756 | 15.81 | 1794   | 17.01 |
| 15215      | 4400       | 1617    | 11.04 | 1636   | 11.59 | 1654 | 12.15 | 1672   | 12.71 | 1690 | 13.28 | 1709   | 13.86 | 1745 | 15.03 | 1782   | 16.23 | 1818 | 17.45 | 1854   | 18.69 |
| 15907      | 4600       | 1689    | 12.56 | 1707   | 13.14 | 1724 | 13.72 | 1742   | 14.31 | 1759 | 14.9  | 1777   | 15.5  | 1812 | 16.72 | 1846   | 17.96 | 1881 | 19.22 | 1916   | 20.51 |
| 16598      | 4800       | 1761    | 14.22 | 1778   | 14.82 | 1795 | 15.42 | 1811   | 16.03 | 1828 | 16.65 | 1845   | 17.27 | 1878 | 18.54 | 1912   | 19.82 | 1945 | 21.13 | -      | -     |
| 17290      | 5000       | 1833    | 16.02 | 1849   | 16.64 | 1865 | 17.27 | 1882   | 17.9  | 1898 | 18.55 | 1914   | 19.19 | 1946 | 20.5  | -      | -     | -    | -     | -      | -     |
| 17982      | 5200       | 1905    | 17.96 | 1921   | 18.61 | 1936 | 19.27 | 1952   | 19.93 | 1967 | 20.59 | -      | -     | -    | -     | -      | -     | -    | -     | -      | -     |
| VOL<br>CFM | VEL<br>FPM | 4 SP    |       | 4.5 SP |       | 5 SP |       | 5.5 SP |       | 6 SP |       | 6.5 SP |       | 7 SP |       | 7.5 SP |       | 8 SP |       | 8.5 SP |       |
|            |            | RPM     | BHP   | RPM    | BHP   | RPM  | BHP   | RPM    | BHP   | RPM  | BHP   | RPM    | BHP   | RPM  | BHP   | RPM    | BHP   | RPM  | BHP   | RPM    | BHP   |
| 7262       | 2100       | 1358    | 6.87  | 1427   | 7.79  | -    | -     | -      | -     | -    | -     | -      | -     | -    | -     | -      | -     | -    | -     | -      | -     |
| 7608       | 2200       | 1370    | 7.18  | 1437   | 8.11  | 1503 | 9.07  | -      | -     | -    | -     | -      | -     | -    | -     | -      | -     | -    | -     | -      | -     |
| 7953       | 2300       | 1384    | 7.51  | 1449   | 8.45  | 1513 | 9.43  | 1576   | 10.44 | -    | -     | -      | -     | -    | -     | -      | -     | -    | -     | -      | -     |
| 8299       | 2400       | 1399    | 7.86  | 1462   | 8.82  | 1524 | 9.81  | 1585   | 10.83 | 1646 | 11.88 | -      | -     | -    | -     | -      | -     | -    | -     | -      | -     |
| 8991       | 2600       | 1434    | 8.62  | 1493   | 9.61  | 1551 | 10.62 | 1609   | 11.67 | 1666 | 12.76 | 1723   | 13.87 | 1778 | 15.01 | -      | -     | -    | -     | -      | -     |
| 9682       | 2800       | 1473    | 9.47  | 1528   | 10.48 | 1584 | 11.53 | 1638   | 12.61 | 1692 | 13.72 | 1746   | 14.86 | 1799 | 16.03 | 1851   | 17.23 | 1903 | 18.45 | -      | -     |
| 10374      | 3000       | 1516    | 10.41 | 1568   | 11.45 | 1620 | 12.53 | 1672   | 13.64 | 1723 | 14.78 | 1774   | 15.94 | 1825 | 17.14 | 1874   | 18.37 | 1924 | 19.63 | -      | -     |
| 11066      | 3200       | 1563    | 11.44 | 1612   | 12.52 | 1661 | 13.63 | 1710   | 14.77 | 1759 | 15.93 | 1807   | 17.13 | 1855 | 18.36 | 1902   | 19.62 | 1950 | 20.9  | -      | -     |
| 11757      | 3400       | 1612    | 12.57 | 1659   | 13.69 | 1705 | 14.83 | 1752   | 16    | 1798 | 17.2  | 1844   | 18.43 | 1889 | 19.69 | 1934   | 20.97 | -    | -     | -      | -     |
| 12449      | 3600       | 1664    | 13.82 | 1709   | 14.97 | 1753 | 16.14 | 1796   | 17.34 | 1840 | 18.58 | 1884   | 19.84 | 1927 | 21.12 | -      | -     | -    | -     | -      | -     |
| 13140      | 3800       | 1718    | 15.17 | 1760   | 16.36 | 1802 | 17.57 | 1844   | 18.8  | 1886 | 20.07 | 1927   | 21.36 | -    | -     | -      | -     | -    | -     | -      | -     |
| 13832      | 4000       | 1774    | 16.65 | 1814   | 17.87 | 1854 | 19.11 | 1894   | 20.38 | 1934 | 21.68 | -      | -     | -    | -     | -      | -     | -    | -     | -      | -     |
| 14524      | 4200       | 1832    | 18.24 | 1870   | 19.5  | 1908 | 20.78 | 1946   | 22.09 | -    | -     | -      | -     | -    | -     | -      | -     | -    | -     | -      | -     |
| 15215      | 4400       | 1891    | 19.96 | 1927   | 21.26 | 1963 | 22.58 | -      | -     | -    | -     | -      | -     | -    | -     | -      | -     | -    | -     | -      | -     |
| 15907      | 4600       | 1951    | 21.82 | -      | -     | -    | -     | -      | -     | -    | -     | -      | -     | -    | -     | -      | -     | -    | -     | -      | -     |

PERFORMANCE SHOWN IS FOR INSTALLATION TYPE B - FREE INLET, DUCTED OUTLET.

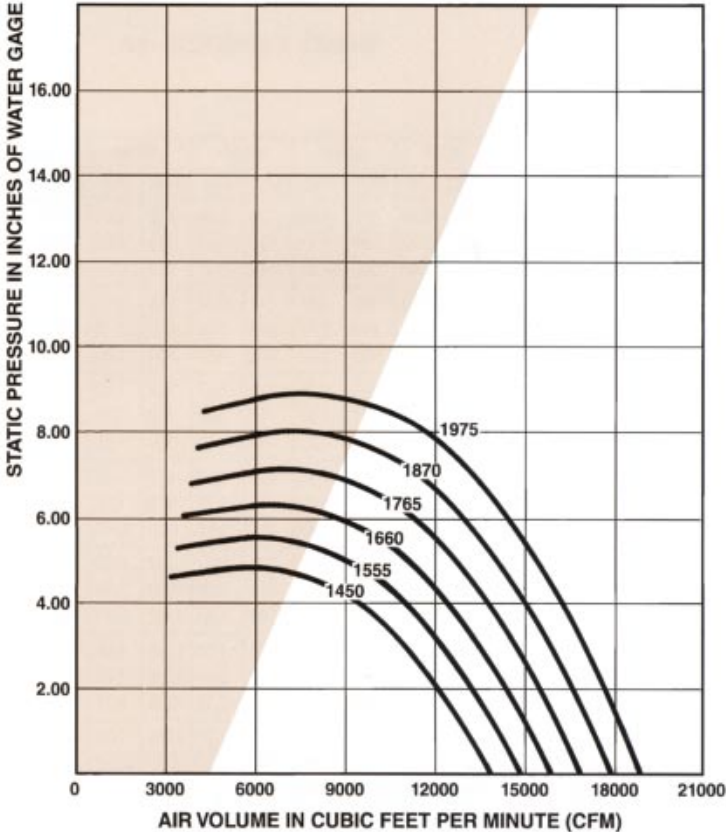
POWER RATING (BHP) DOES NOT INCLUDE DRIVE LOSSES.

PERFORMANCE RATINGS DO NOT INCLUDE THE EFFECTS OF APPURTENANCES IN THE AIRSTREAM.

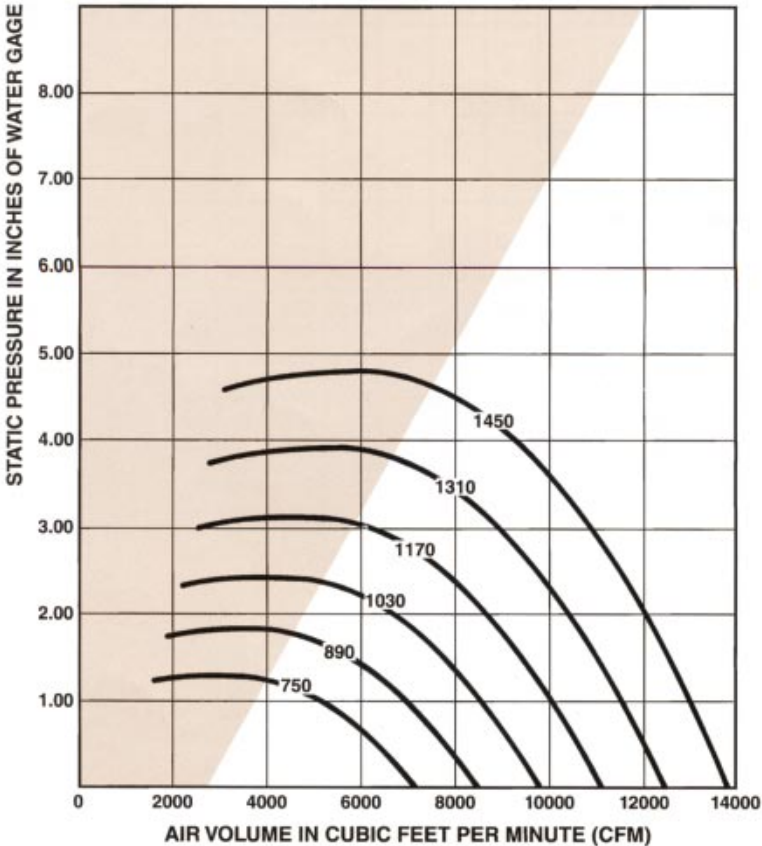
CLASS I BLOWERS

CLASS II BLOWERS

DO NOT SELECT FAN IN SHADED AREA



DO NOT SELECT FAN IN SHADED AREA



# PEERLESS-ELECTRIC ULTRAFAN-PAK 2000 PERFORMANCE TABLES

## B-270

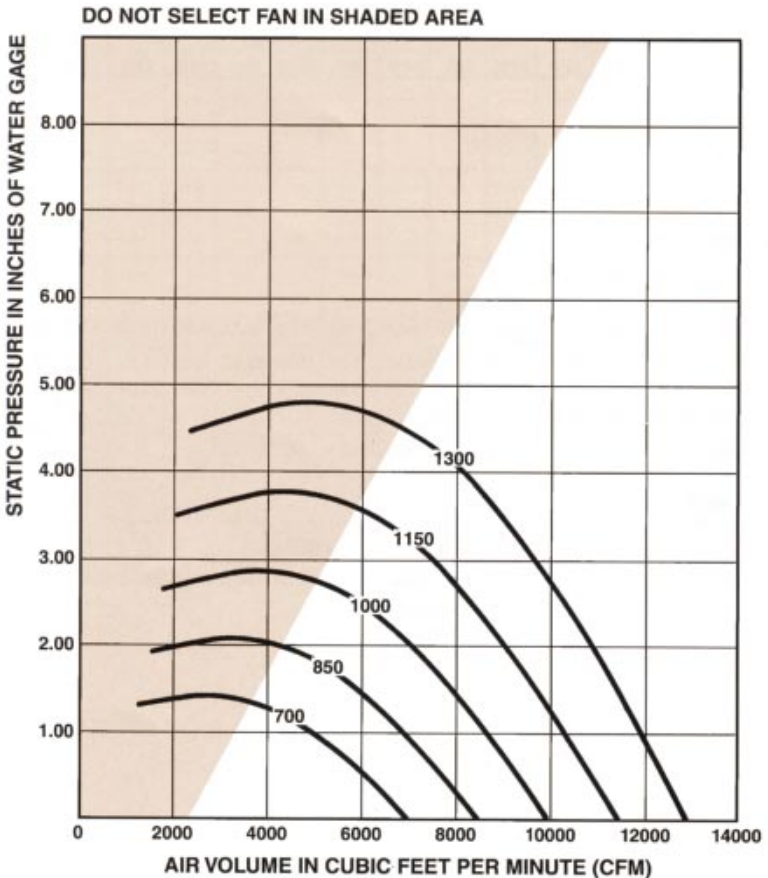
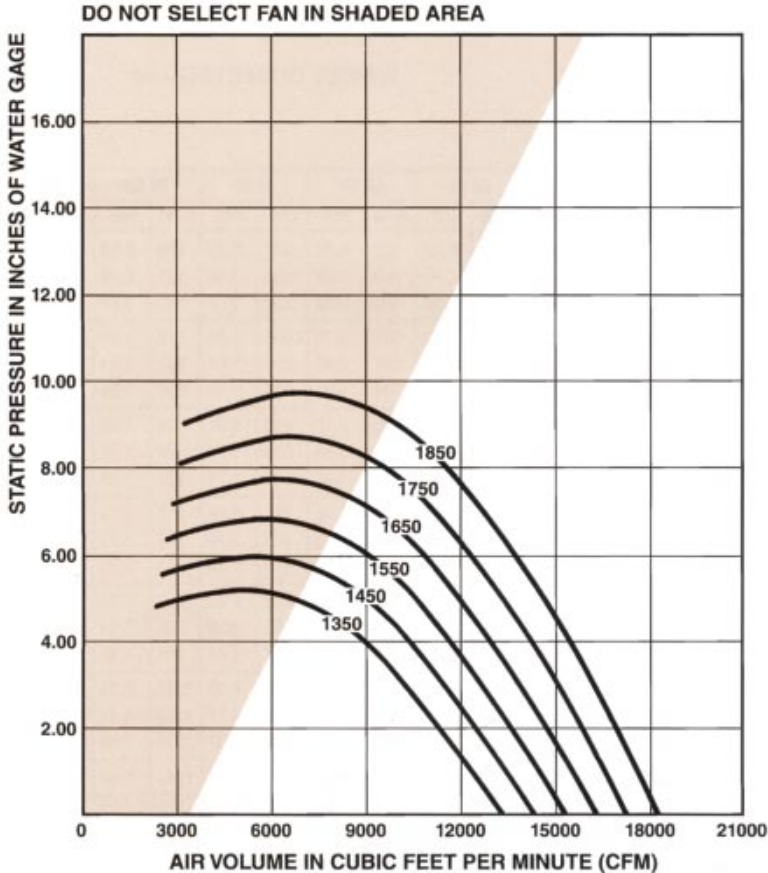
TIP SPEED (FPM) = 7.069 X RPM      OUTLET {4.19 SQ. FT. INSIDE}      MAX. HP = 3.15 (RPM / 1000)<sup>5</sup>  
 {29" X 21-1/4" OUTSIDE}

WHEEL DIAMETER - 27"      INLET {4.430 SQ. FT. INSIDE}      MAX. RPM  
 {29" DIA. OUTSIDE}      CL. I 1453  
 CL. II 1893

| VOL<br>CFM | VEL<br>FPM | 0.25 SP |       | 0.375 SP |       | 0.5  |       | 0.625 |       | 0.75 |       | 0.875 |       | 1    |       | 1.25 |       | 1.5  |       | 1.75 |       | 2    |       | 2.5  |       |
|------------|------------|---------|-------|----------|-------|------|-------|-------|-------|------|-------|-------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|
|            |            | RPM     | BHP   | RPM      | BHP   | RPM  | BHP   | RPM   | BHP   | RPM  | BHP   | RPM   | BHP   | RPM  | BHP   | RPM  | BHP   | RPM  | BHP   | RPM  | BHP   | RPM  | BHP   | RPM  | BHP   |
| 3352       | 800        | 421     | 0.23  | 456      | 0.3   | 490  | 0.38  | 523   | 0.46  | 555  | 0.54  | 586   | 0.63  | 617  | 0.72  | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     |
| 3771       | 900        | 456     | 0.28  | 489      | 0.36  | 520  | 0.44  | 550   | 0.53  | 579  | 0.62  | 608   | 0.71  | 636  | 0.81  | 690  | 1.02  | -    | -     | -    | -     | -    | -     | -    | -     |
| 4190       | 1000       | 492     | 0.34  | 523      | 0.43  | 551  | 0.52  | 579   | 0.61  | 606  | 0.71  | 633   | 0.81  | 659  | 0.91  | 709  | 1.13  | 759  | 1.35  | -    | -     | -    | -     | -    | -     |
| 4609       | 1100       | 530     | 0.42  | 558      | 0.51  | 585  | 0.61  | 610   | 0.71  | 636  | 0.81  | 660   | 0.91  | 685  | 1.02  | 732  | 1.25  | 778  | 1.49  | 823  | 1.73  | -    | -     | -    | -     |
| 5028       | 1200       | 568     | 0.5   | 594      | 0.6   | 619  | 0.71  | 643   | 0.81  | 667  | 0.92  | 690   | 1.03  | 713  | 1.15  | 757  | 1.39  | 801  | 1.63  | 843  | 1.89  | 884  | 2.16  | 965  | 2.72  |
| 5447       | 1300       | 606     | 0.6   | 631      | 0.71  | 655  | 0.82  | 678   | 0.93  | 700  | 1.05  | 722   | 1.17  | 743  | 1.29  | 785  | 1.54  | 826  | 1.8   | 866  | 2.07  | 905  | 2.35  | 981  | 2.93  |
| 5866       | 1400       | 645     | 0.71  | 669      | 0.83  | 691  | 0.95  | 713   | 1.07  | 734  | 1.19  | 755   | 1.32  | 775  | 1.44  | 815  | 1.71  | 853  | 1.98  | 891  | 2.26  | 928  | 2.55  | 1000 | 3.15  |
| 6285       | 1500       | 684     | 0.84  | 707      | 0.96  | 728  | 1.09  | 749   | 1.22  | 769  | 1.35  | 789   | 1.48  | 808  | 1.61  | 846  | 1.89  | 882  | 2.17  | 918  | 2.46  | 953  | 2.77  | 1022 | 3.39  |
| 6704       | 1600       | 724     | 0.98  | 745      | 1.11  | 766  | 1.25  | 785   | 1.38  | 805  | 1.52  | 823   | 1.66  | 842  | 1.8   | 878  | 2.09  | 913  | 2.38  | 947  | 2.69  | 981  | 3     | 1046 | 3.65  |
| 7123       | 1700       | 764     | 1.14  | 784      | 1.28  | 804  | 1.42  | 823   | 1.57  | 841  | 1.71  | 859   | 1.86  | 877  | 2     | 911  | 2.31  | 944  | 2.62  | 977  | 2.93  | 1009 | 3.26  | 1072 | 3.93  |
| 7542       | 1800       | 804     | 1.32  | 824      | 1.47  | 842  | 1.62  | 860   | 1.77  | 878  | 1.92  | 895   | 2.07  | 912  | 2.23  | 945  | 2.54  | 977  | 2.87  | 1009 | 3.2   | 1039 | 3.53  | 1099 | 4.23  |
| 7961       | 1900       | 845     | 1.51  | 863      | 1.67  | 881  | 1.83  | 898   | 1.99  | 915  | 2.15  | 932   | 2.31  | 948  | 2.47  | 980  | 2.8   | 1011 | 3.14  | 1041 | 3.48  | 1070 | 3.83  | 1128 | 4.55  |
| 8380       | 2000       | 885     | 1.73  | 903      | 1.9   | 920  | 2.06  | 937   | 2.23  | 953  | 2.39  | 969   | 2.56  | 985  | 2.73  | 1015 | 3.08  | 1045 | 3.43  | 1074 | 3.78  | 1103 | 4.15  | 1158 | 4.89  |
| 9218       | 2200       | 967     | 2.23  | 983      | 2.41  | 999  | 2.59  | 1015  | 2.77  | 1030 | 2.96  | 1045  | 3.14  | 1059 | 3.32  | 1088 | 3.7   | 1115 | 4.08  | 1143 | 4.46  | 1169 | 4.85  | 1221 | 5.65  |
| 10056      | 2400       | 1049    | 2.82  | 1064     | 3.02  | 1079 | 3.21  | 1093  | 3.41  | 1107 | 3.61  | 1121  | 3.81  | 1135 | 4.01  | 1162 | 4.41  | 1188 | 4.82  | 1213 | 5.23  | 1238 | 5.65  | 1287 | 6.5   |
| 10894      | 2600       | 1131    | 3.51  | 1145     | 3.72  | 1159 | 3.94  | 1173  | 4.15  | 1186 | 4.36  | 1199  | 4.58  | 1212 | 4.8   | 1237 | 5.23  | 1262 | 5.67  | 1286 | 6.11  | 1309 | 6.56  | 1355 | 7.47  |
| 11732      | 2800       | 1214    | 4.31  | 1227     | 4.54  | 1240 | 4.77  | 1253  | 5     | 1266 | 5.23  | 1278  | 5.46  | 1290 | 5.69  | 1314 | 6.16  | 1337 | 6.63  | 1360 | 7.1   | 1382 | 7.58  | 1426 | 8.54  |
| 12570      | 3000       | 1297    | 5.23  | 1309     | 5.47  | 1322 | 5.72  | 1334  | 5.97  | 1345 | 6.21  | 1357  | 6.46  | 1369 | 6.71  | 1391 | 7.2   | 1413 | 7.71  | 1435 | 8.21  | 1456 | 8.71  | 1498 | 9.74  |
| 13408      | 3200       | 1380    | 6.27  | 1392     | 6.53  | 1403 | 6.8   | 1415  | 7.06  | 1426 | 7.32  | 1437  | 7.59  | 1448 | 7.85  | 1470 | 8.38  | 1491 | 8.91  | 1511 | 9.44  | 1531 | 9.98  | 1571 | 11.06 |
| 14246      | 3400       | 1463    | 7.45  | 1474     | 7.73  | 1485 | 8.01  | 1496  | 8.29  | 1507 | 8.57  | 1518  | 8.85  | 1528 | 9.13  | 1548 | 9.69  | 1569 | 10.25 | 1588 | 10.82 | 1607 | 11.38 | 1645 | 12.53 |
| 15084      | 3600       | 1547    | 8.77  | 1557     | 9.07  | 1568 | 9.36  | 1578  | 9.66  | 1588 | 9.96  | 1598  | 10.25 | 1608 | 10.55 | 1628 | 11.14 | 1647 | 11.73 | 1666 | 12.33 | 1684 | 12.93 | 1721 | 14.13 |
| 15922      | 3800       | 1630    | 10.24 | 1640     | 10.56 | 1650 | 10.87 | 1660  | 11.18 | 1670 | 11.49 | 1680  | 11.81 | 1689 | 12.12 | 1708 | 12.74 | 1726 | 13.37 | 1744 | 14    | 1762 | 14.63 | 1797 | 15.89 |
| 16760      | 4000       | 1714    | 11.88 | 1724     | 12.21 | 1733 | 12.54 | 1743  | 12.86 | 1752 | 13.19 | 1761  | 13.52 | 1770 | 13.85 | 1788 | 14.51 | 1806 | 15.17 | 1823 | 15.83 | 1840 | 16.49 | 1874 | 17.82 |
| 17598      | 4200       | 1798    | 13.68 | 1807     | 14.02 | 1816 | 14.37 | 1825  | 14.72 | 1834 | 15.06 | 1843  | 15.41 | 1852 | 15.75 | 1869 | 16.44 | 1886 | 17.13 | -    | -     | -    | -     | -    | -     |
| 18436      | 4400       | 1882    | 15.66 | 1890     | 16.02 | -    | -     | -     | -     | -    | -     | -     | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     |
| VOL        | VEL        | 3       |       | 3.5      |       | 4    |       | 4.5   |       | 5    |       | 5.5   |       | 6    |       | 6.5  |       | 7    |       | 7.5  |       | 8    |       | 8.5  |       |
| CFM        | FPM        | RPM     | BHP   | RPM      | BHP   | RPM  | BHP   | RPM   | BHP   | RPM  | BHP   | RPM   | BHP   | RPM  | BHP   | RPM  | BHP   | RPM  | BHP   | RPM  | BHP   | RPM  | BHP   | RPM  | BHP   |
| 5866       | 1400       | 1071    | 3.79  | -        | -     | -    | -     | -     | -     | -    | -     | -     | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     |
| 6285       | 1500       | 1089    | 4.05  | 1154     | 4.74  | -    | -     | -     | -     | -    | -     | -     | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     |
| 6704       | 1600       | 1110    | 4.33  | 1172     | 5.04  | 1233 | 5.78  | -     | -     | -    | -     | -     | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     |
| 7123       | 1700       | 1133    | 4.63  | 1193     | 5.36  | 1251 | 6.12  | 1309  | 6.91  | 1365 | 7.71  | -     | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     |
| 7542       | 1800       | 1158    | 4.96  | 1215     | 5.71  | 1271 | 6.49  | 1327  | 7.29  | 1381 | 8.12  | 1434  | 8.97  | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     |
| 7961       | 1900       | 1184    | 5.3   | 1240     | 6.08  | 1294 | 6.88  | 1347  | 7.7   | 1399 | 8.55  | 1450  | 9.43  | 1501 | 10.32 | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     |
| 8380       | 2000       | 1212    | 5.67  | 1265     | 6.47  | 1317 | 7.29  | 1369  | 8.14  | 1419 | 9.01  | 1469  | 9.9   | 1517 | 10.82 | 1566 | 11.76 | -    | -     | -    | -     | -    | -     | -    | -     |
| 9218       | 2200       | 1271    | 6.47  | 1321     | 7.32  | 1369 | 8.19  | 1417  | 9.08  | 1464 | 10    | 1510  | 10.94 | 1556 | 11.89 | 1601 | 12.87 | 1646 | 13.87 | 1690 | 14.89 | 1734 | 15.93 | -    | -     |
| 10056      | 2400       | 1334    | 7.38  | 1381     | 8.27  | 1426 | 9.19  | 1471  | 10.13 | 1515 | 11.09 | 1558  | 12.08 | 1601 | 13.08 | 1644 | 14.1  | 1686 | 15.15 | 1728 | 16.21 | 1769 | 17.29 | 1810 | 18.39 |
| 10894      | 2600       | 1400    | 8.39  | 1444     | 9.34  | 1487 | 10.31 | 1529  | 11.3  | 1570 | 12.31 | 1611  | 13.33 | 1652 | 14.38 | 1692 | 15.45 | 1732 | 16.54 | 1771 | 17.64 | 1810 | 18.77 | 1848 | 19.91 |
| 11732      | 2800       | 1468    | 9.52  | 1509     | 10.52 | 1550 | 11.54 | 1590  | 12.58 | 1629 | 13.64 | 1668  | 14.72 | 1706 | 15.81 | 1744 | 16.93 | 1782 | 18.06 | 1819 | 19.21 | 1856 | 20.38 | 1893 | 21.56 |
| 12570      | 3000       | 1538    | 10.78 | 1577     | 11.83 | 1616 | 12.91 | 1654  | 14    | 1691 | 15.11 | 1728  | 16.23 | 1765 | 17.38 | 1801 | 18.54 | 1836 | 19.72 | 1872 | 20.91 | -    | -     | -    | -     |
| 13408      | 3200       | 1609    | 12.16 | 1647     | 13.27 | 1684 | 14.4  | 1720  | 15.55 | 1756 | 16.71 | 1791  | 17.88 | 1826 | 19.08 | 1860 | 20.29 | -    | -     | -    | -     | -    | -     | -    | -     |
| 14246      | 3400       | 1682    | 13.68 | 1718     | 14.85 | 1753 | 16.04 | 1788  | 17.23 | 1822 | 18.45 | 1856  | 19.68 | 1889 | 20.92 | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     |
| 15084      | 3600       | 1756    | 15.35 | 1790     | 16.58 | 1824 | 17.82 | 1857  | 19.08 | 1890 | 20.34 | -     | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     |
| 15922      | 3800       | 1831    | 17.17 | 1864     | 18.46 | -    | -     | -     | -     | -    | -     | -     | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     |

Performance shown is for installation type B- Free inlet, Ducted outlet.  
 Power rating (BHP) does not include drive losses.  
 Performance ratings do not include the effects of appurtenances in the airstream.  
 Data in bold face indicates quietest and most efficient performance.

Class I Blowers  
 Class II Blowers



# PEERLESS-ELECTRIC ULTRAFAN-PAK 2000 PERFORMANCE TABLES

## B-300

TIP SPEED (FPM) = 7.854 X RPM

OUTLET {5.17 SQ. FT. INSIDE}  
{32-1/4" X 23-3/8" OUTSIDE}

MAX. HP = 5.33 (RPM/1000)

WHEEL DIAMETER - 30"

INLET {5.469 SQ. FT. INSIDE}  
{32-1/4" DIA. OUTSIDE}

MAX. RPM  
CL. I 1308  
CL. II 1703

| VOL CFM | VEL FPM | 0.25 SP |       | 0.375 SP |       | 0.5  |       | 0.625 |       | 0.75 |       | 0.875 |       | 1    |       | 1.25 |       | 1.5  |       | 1.75 |       | 2    |       | 2.5  |       |
|---------|---------|---------|-------|----------|-------|------|-------|-------|-------|------|-------|-------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|
|         |         | RPM     | BHP   | RPM      | BHP   | RPM  | BHP   | RPM   | BHP   | RPM  | BHP   | RPM   | BHP   | RPM  | BHP   | RPM  | BHP   | RPM  | BHP   | RPM  | BHP   | RPM  | BHP   | RPM  | BHP   |
| 4136    | 800     | 379     | 0.28  | 411      | 0.37  | 441  | 0.46  | 471   | 0.56  | 499  | 0.67  | 527   | 0.78  | 555  | 0.89  | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     |
| 4653    | 900     | 410     | 0.34  | 440      | 0.44  | 468  | 0.54  | 495   | 0.65  | 521  | 0.76  | 547   | 0.88  | 572  | 1.00  | 621  | 1.25  | -    | -     | -    | -     | -    | -     | -    | -     |
| 5170    | 1000    | 443     | 0.42  | 470      | 0.53  | 496  | 0.64  | 521   | 0.75  | 545  | 0.87  | 569   | 1.00  | 593  | 1.12  | 638  | 1.39  | 683  | 1.67  | -    | -     | -    | -     | -    | -     |
| 5687    | 1100    | 476     | 0.51  | 502      | 0.63  | 526  | 0.75  | 549   | 0.87  | 572  | 1.00  | 594   | 1.13  | 616  | 1.26  | 659  | 1.54  | 700  | 1.83  | 741  | 2.14  | 780  | 2.46  | -    | -     |
| 6204    | 1200    | 511     | 0.62  | 534      | 0.74  | 557  | 0.87  | 579   | 1.00  | 600  | 1.14  | 621   | 1.28  | 642  | 1.42  | 682  | 1.71  | 721  | 2.02  | 759  | 2.34  | 796  | 2.67  | 868  | 3.36  |
| 6721    | 1300    | 545     | 0.74  | 568      | 0.87  | 589  | 1.01  | 610   | 1.15  | 630  | 1.29  | 649   | 1.44  | 669  | 1.59  | 706  | 1.90  | 743  | 2.22  | 779  | 2.55  | 814  | 2.89  | 883  | 3.61  |
| 7238    | 1400    | 580     | 0.88  | 601      | 1.02  | 622  | 1.17  | 641   | 1.32  | 660  | 1.47  | 679   | 1.62  | 697  | 1.78  | 733  | 2.10  | 768  | 2.44  | 802  | 2.78  | 835  | 3.14  | 900  | 3.89  |
| 7755    | 1500    | 616     | 1.03  | 636      | 1.19  | 655  | 1.34  | 674   | 1.50  | 692  | 1.66  | 710   | 1.82  | 727  | 1.99  | 761  | 2.33  | 794  | 2.68  | 826  | 3.04  | 858  | 3.41  | 920  | 4.19  |
| 8272    | 1600    | 651     | 1.21  | 670      | 1.37  | 689  | 1.54  | 707   | 1.71  | 724  | 1.87  | 741   | 2.05  | 757  | 2.22  | 790  | 2.58  | 821  | 2.94  | 852  | 3.32  | 882  | 3.70  | 941  | 4.51  |
| 8789    | 1700    | 687     | 1.41  | 706      | 1.58  | 723  | 1.75  | 740   | 1.93  | 757  | 2.11  | 773   | 2.29  | 789  | 2.47  | 820  | 2.84  | 850  | 3.23  | 879  | 3.62  | 908  | 4.02  | 965  | 4.85  |
| 9306    | 1800    | 723     | 1.63  | 741      | 1.81  | 758  | 1.99  | 774   | 2.18  | 790  | 2.37  | 805   | 2.56  | 821  | 2.75  | 850  | 3.14  | 879  | 3.54  | 907  | 3.94  | 935  | 4.36  | 989  | 5.22  |
| 9823    | 1900    | 760     | 1.87  | 776      | 2.06  | 793  | 2.25  | 808   | 2.45  | 823  | 2.65  | 838   | 2.85  | 853  | 3.05  | 882  | 3.45  | 909  | 3.87  | 936  | 4.29  | 963  | 4.72  | 1015 | 5.61  |
| 10340   | 2000    | 796     | 2.13  | 812      | 2.34  | 828  | 2.54  | 843   | 2.75  | 857  | 2.95  | 872   | 3.16  | 886  | 3.37  | 913  | 3.79  | 940  | 4.23  | 966  | 4.67  | 992  | 5.12  | 1042 | 6.04  |
| 11374   | 2200    | 870     | 2.75  | 884      | 2.97  | 899  | 3.19  | 913   | 3.42  | 926  | 3.64  | 940   | 3.87  | 953  | 4.10  | 979  | 4.56  | 1004 | 5.03  | 1028 | 5.50  | 1052 | 5.98  | 1099 | 6.97  |
| 12408   | 2400    | 943     | 3.47  | 957      | 3.72  | 970  | 3.96  | 984   | 4.21  | 996  | 4.45  | 1009  | 4.70  | 1021 | 4.94  | 1045 | 5.44  | 1069 | 5.95  | 1092 | 6.46  | 1114 | 6.97  | 1158 | 8.02  |
| 13442   | 2600    | 1017    | 4.33  | 1030     | 4.59  | 1043 | 4.85  | 1055  | 5.12  | 1067 | 5.38  | 1079  | 5.65  | 1090 | 5.91  | 1113 | 6.45  | 1135 | 6.99  | 1157 | 7.54  | 1178 | 8.09  | 1219 | 9.21  |
| 14476   | 2800    | 1092    | 5.31  | 1104     | 5.60  | 1116 | 5.88  | 1127  | 6.16  | 1138 | 6.45  | 1150  | 6.73  | 1161 | 7.02  | 1182 | 7.59  | 1203 | 8.17  | 1223 | 8.75  | 1243 | 9.34  | 1283 | 10.53 |
| 15510   | 3000    | 1166    | 6.44  | 1178     | 6.75  | 1189 | 7.05  | 1200  | 7.35  | 1210 | 7.66  | 1221  | 7.96  | 1231 | 8.27  | 1252 | 8.88  | 1271 | 9.50  | 1291 | 10.12 | 1310 | 10.74 | 1347 | 12.01 |
| 16544   | 3200    | 1241    | 7.73  | 1252     | 8.05  | 1262 | 8.38  | 1273  | 8.70  | 1283 | 9.03  | 1293  | 9.35  | 1303 | 9.68  | 1322 | 10.33 | 1341 | 10.98 | 1359 | 11.64 | 1378 | 12.31 | 1413 | 13.64 |
| 17578   | 3400    | 1316    | 9.18  | 1326     | 9.53  | 1336 | 9.87  | 1346  | 10.22 | 1356 | 10.56 | 1365  | 10.91 | 1375 | 11.25 | 1393 | 11.94 | 1411 | 12.64 | 1429 | 13.33 | 1446 | 14.03 | 1480 | 15.45 |
| 18612   | 3600    | 1391    | 10.81 | 1401     | 11.18 | 1410 | 11.54 | 1420  | 11.91 | 1429 | 12.27 | 1438  | 12.64 | 1447 | 13.00 | 1464 | 13.73 | 1482 | 14.47 | 1499 | 15.20 | 1515 | 15.94 | 1548 | 17.43 |
| 19646   | 3800    | 1466    | 12.63 | 1476     | 13.01 | 1485 | 13.40 | 1493  | 13.78 | 1502 | 14.17 | 1511  | 14.55 | 1519 | 14.94 | 1536 | 15.71 | 1553 | 16.48 | 1569 | 17.26 | 1585 | 18.04 | 1616 | 19.60 |
| 20680   | 4000    | 1542    | 14.64 | 1550     | 15.05 | 1559 | 15.45 | 1567  | 15.86 | 1576 | 16.26 | 1584  | 16.67 | 1592 | 17.07 | 1609 | 17.89 | 1624 | 18.70 | 1640 | 19.51 | 1655 | 20.33 | 1685 | 21.97 |
| 21714   | 4200    | 1617    | 16.86 | 1625     | 17.29 | 1634 | 17.71 | 1642  | 18.14 | 1650 | 18.56 | 1658  | 18.99 | 1666 | 19.42 | 1681 | 20.27 | 1696 | 21.12 | -    | -     | -    | -     | -    | -     |
| 22748   | 4400    | 1693    | 19.30 | 1700     | 19.75 | -    | -     | -     | -     | -    | -     | -     | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     |
| VOL CFM | VEL FPM | 3       |       | 3.5      |       | 4    |       | 4.5   |       | 5    |       | 5.5   |       | 6    |       | 6.5  |       | 7    |       | 7.5  |       | 8    |       | 8.5  |       |
|         |         | RPM     | BHP   | RPM      | BHP   | RPM  | BHP   | RPM   | BHP   | RPM  | BHP   | RPM   | BHP   | RPM  | BHP   | RPM  | BHP   | RPM  | BHP   | RPM  | BHP   | RPM  | BHP   | RPM  | BHP   |
| 6721    | 1300    | 949     | 4.38  | -        | -     | -    | -     | -     | -     | -    | -     | -     | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     |
| 7238    | 1400    | 963     | 4.68  | 1025     | 5.50  | -    | -     | -     | -     | -    | -     | -     | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     |
| 7755    | 1500    | 980     | 5.00  | 1039     | 5.85  | 1096 | 6.73  | -     | -     | -    | -     | -     | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     |
| 8272    | 1600    | 999     | 5.34  | 1055     | 6.22  | 1110 | 7.13  | 1164  | 8.07  | -    | -     | -     | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     |
| 8789    | 1700    | 1020    | 5.72  | 1073     | 6.62  | 1126 | 7.55  | 1178  | 8.52  | 1228 | 9.52  | -     | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     |
| 9306    | 1800    | 1042    | 6.11  | 1094     | 7.04  | 1144 | 8.01  | 1194  | 9.00  | 1243 | 10.02 | 1291  | 11.08 | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     |
| 9823    | 1900    | 1066    | 6.54  | 1115     | 7.49  | 1164 | 8.48  | 1212  | 9.50  | 1259 | 10.55 | 1305  | 11.63 | 1351 | 12.74 | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     |
| 10340   | 2000    | 1091    | 6.99  | 1139     | 7.98  | 1185 | 8.99  | 1231  | 10.04 | 1277 | 11.12 | 1321  | 12.22 | 1366 | 13.35 | 1409 | 14.51 | -    | -     | -    | -     | -    | -     | -    | -     |
| 11374   | 2200    | 1144    | 7.98  | 1188     | 9.03  | 1232 | 10.10 | 1275  | 11.20 | 1317 | 12.33 | 1359  | 13.49 | 1400 | 14.68 | 1441 | 15.89 | 1481 | 17.12 | 1521 | 18.38 | 1560 | 19.66 | 1599 | 20.96 |
| 12408   | 2400    | 1200    | 9.10  | 1242     | 10.21 | 1283 | 11.34 | 1323  | 12.50 | 1363 | 13.69 | 1402  | 14.90 | 1441 | 16.14 | 1479 | 17.40 | 1517 | 18.69 | 1555 | 20.00 | 1592 | 21.33 | 1628 | 22.69 |
| 13442   | 2600    | 1260    | 10.35 | 1299     | 11.52 | 1337 | 12.72 | 1375  | 13.94 | 1413 | 15.18 | 1450  | 16.45 | 1486 | 17.74 | 1522 | 19.06 | 1558 | 20.40 | 1594 | 21.77 | 1629 | 23.15 | 1663 | 24.56 |
| 14476   | 2800    | 1321    | 11.74 | 1358     | 12.98 | 1395 | 14.24 | 1430  | 15.52 | 1466 | 16.83 | 1501  | 18.16 | 1535 | 19.51 | 1570 | 20.88 | 1603 | 22.28 | 1637 | 23.70 | 1670 | 25.14 | 1703 | 26.60 |
| 15510   | 3000    | 1384    | 13.29 | 1419     | 14.59 | 1454 | 15.92 | 1488  | 17.26 | 1522 | 18.63 | 1555  | 20.02 | 1588 | 21.43 | 1620 | 22.87 | 1652 | 24.32 | 1684 | 25.80 | -    | -     | -    | -     |
| 16544   | 3200    | 1448    | 15.00 | 1482     | 16.37 | 1515 | 17.76 | 1547  | 19.17 | 1579 | 20.61 | 1611  | 22.06 | 1642 | 23.53 | 1673 | 25.03 | -    | -     | -    | -     | -    | -     | -    | -     |
| 17578   | 3400    | 1513    | 16.87 | 1546     | 18.32 | 1577 | 19.78 | 1608  | 21.26 | 1639 | 22.76 | 1669  | 24.27 | 1699 | 25.81 | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     |
| 18612   | 3600    | 1580    | 18.93 | 1611     | 20.44 | 1641 | 21.98 | 1671  | 23.53 | 1700 | 25.09 | -     | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     |
| 19646   | 3800    | 1647    | 21.17 | 1677     | 22.76 | -    | -     | -     | -     | -    | -     | -     | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     |

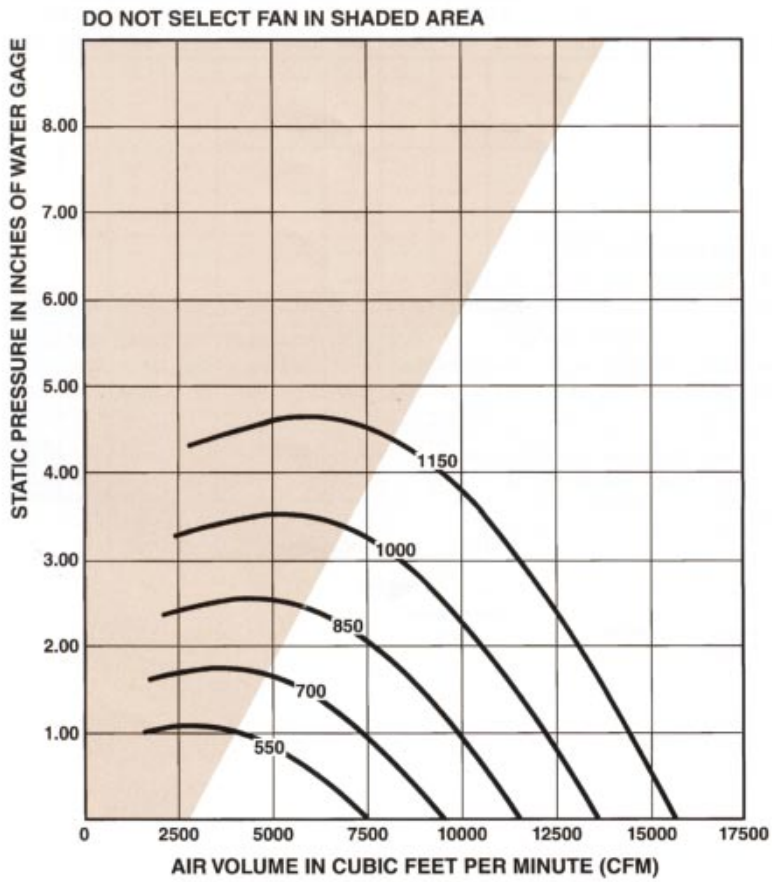
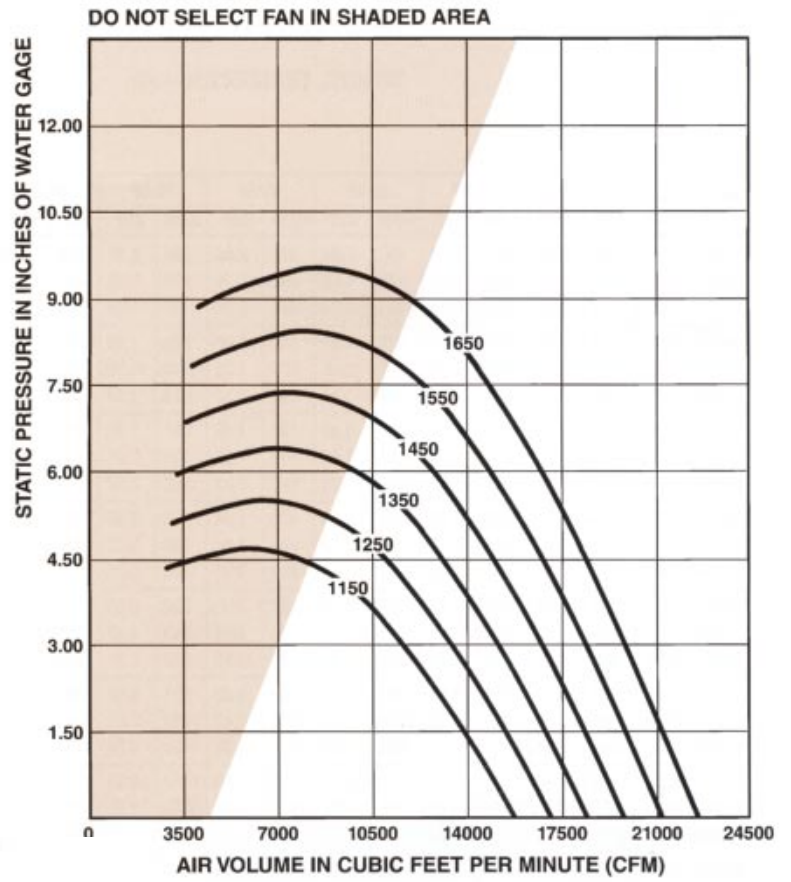
Performance shown is for installation type B - Free inlet, Ducted outlet.

Power rating (BHP) does not include drive losses.

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

CLASS I BLOWERS

CLASS II BLOWERS



# PEERLESS-ELECTRIC ULTRAFAN-PAK 2000 PERFORMANCE TABLES

## B-330

TIP SPEED (FPM) = 8.639 X RPM OUTLET {6.26 SQ. FT. INSIDE} MAX. HP = 8.59 (RPM/ 1000)<sup>3</sup>  
{35-3/8" X 25-7/8" OUTSIDE}

WHEEL DIAMETER - 33" INLET {6.618 SQ. FT. INSIDE} MAX. RPM CL. I 1189  
{35-3/8" DIA OUTSIDE} CL. II 1548

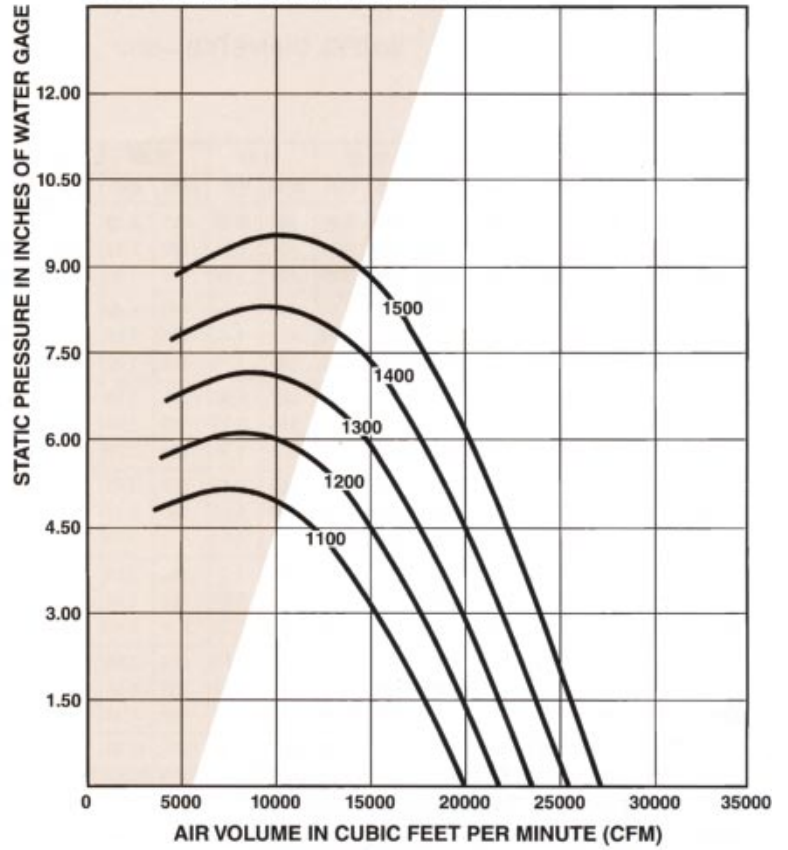
| VOL CFM | VEL FPM | 0.25 SP |       | 0.375 SP |       | 0.5  |       | 0.625 |       | 0.75 |       | 0.875 |       | 1    |       | 1.25 |       | 1.5  |       | 1.75 |       | 2    |       | 2.5  |       |      |       |      |       |   |   |
|---------|---------|---------|-------|----------|-------|------|-------|-------|-------|------|-------|-------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|---|---|
|         |         | RPM     | BHP   | RPM      | BHP   | RPM  | BHP   | RPM   | BHP   | RPM  | BHP   | RPM   | BHP   | RPM  | BHP   | RPM  | BHP   | RPM  | BHP   | RPM  | BHP   | RPM  | BHP   | RPM  | BHP   |      |       |      |       |   |   |
| 5008    | 800     | 344     | 0.34  | 373      | 0.45  | 401  | 0.56  | 428   | 0.68  | 454  | 0.81  | 480   | 0.94  | 505  | 1.08  | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     |      |       |      |       |   |   |
| 5634    | 900     | 373     | 0.42  | 400      | 0.54  | 425  | 0.66  | 450   | 0.79  | 474  | 0.93  | 497   | 1.07  | 520  | 1.21  | 565  | 1.52  | -    | -     | -    | -     | -    | -     | -    | -     |      |       |      |       |   |   |
| 6260    | 1000    | 403     | 0.51  | 428      | 0.64  | 451  | 0.77  | 474   | 0.91  | 496  | 1.06  | 518   | 1.21  | 539  | 1.36  | 580  | 1.68  | 621  | 2.02  | 660  | 2.37  | -    | -     | -    | -     |      |       |      |       |   |   |
| 6886    | 1100    | 433     | 0.62  | 456      | 0.76  | 478  | 0.91  | 500   | 1.06  | 520  | 1.21  | 540   | 1.37  | 560  | 1.53  | 599  | 1.87  | 637  | 2.22  | 673  | 2.59  | 709  | 2.98  | -    | -     |      |       |      |       |   |   |
| 7512    | 1200    | 464     | 0.75  | 486      | 0.90  | 507  | 1.06  | 527   | 1.21  | 546  | 1.38  | 565   | 1.55  | 583  | 1.72  | 620  | 2.07  | 655  | 2.44  | 690  | 2.83  | 724  | 3.23  | 789  | 4.07  |      |       |      |       |   |   |
| 8138    | 1300    | 496     | 0.90  | 516      | 1.06  | 536  | 1.22  | 555   | 1.39  | 573  | 1.57  | 591   | 1.74  | 608  | 1.93  | 642  | 2.30  | 676  | 2.69  | 708  | 3.09  | 740  | 3.50  | 803  | 4.38  |      |       |      |       |   |   |
| 8764    | 1400    | 528     | 1.06  | 547      | 1.24  | 565  | 1.42  | 583   | 1.60  | 601  | 1.78  | 618   | 1.97  | 634  | 2.16  | 667  | 2.55  | 698  | 2.95  | 729  | 3.37  | 759  | 3.81  | 819  | 4.71  |      |       |      |       |   |   |
| 9390    | 1500    | 560     | 1.25  | 578      | 1.44  | 596  | 1.63  | 613   | 1.82  | 629  | 2.01  | 645   | 2.21  | 661  | 2.41  | 692  | 2.82  | 722  | 3.24  | 751  | 3.68  | 780  | 4.13  | 836  | 5.07  |      |       |      |       |   |   |
| 10016   | 1600    | 592     | 1.47  | 610      | 1.66  | 627  | 1.86  | 643   | 2.07  | 658  | 2.27  | 674   | 2.48  | 689  | 2.69  | 718  | 3.12  | 747  | 3.56  | 775  | 4.02  | 802  | 4.49  | 856  | 5.46  |      |       |      |       |   |   |
| 10642   | 1700    | 625     | 1.70  | 642      | 1.91  | 658  | 2.13  | 673   | 2.34  | 688  | 2.56  | 703   | 2.77  | 717  | 3.00  | 745  | 3.45  | 773  | 3.91  | 800  | 4.38  | 826  | 4.87  | 877  | 5.87  |      |       |      |       |   |   |
| 11268   | 1800    | 658     | 1.97  | 674      | 2.19  | 689  | 2.41  | 704   | 2.64  | 718  | 2.87  | 732   | 3.10  | 746  | 3.33  | 773  | 3.80  | 800  | 4.28  | 825  | 4.78  | 850  | 5.28  | 900  | 6.32  |      |       |      |       |   |   |
| 11894   | 1900    | 691     | 2.26  | 706      | 2.50  | 721  | 2.73  | 735   | 2.97  | 749  | 3.21  | 763   | 3.45  | 776  | 3.69  | 802  | 4.18  | 827  | 4.69  | 852  | 5.20  | 876  | 5.72  | 923  | 6.80  |      |       |      |       |   |   |
| 12520   | 2000    | 724     | 2.59  | 739      | 2.83  | 753  | 3.08  | 767   | 3.33  | 780  | 3.58  | 793   | 3.83  | 806  | 4.08  | 831  | 4.60  | 855  | 5.12  | 879  | 5.65  | 902  | 6.20  | 948  | 7.31  |      |       |      |       |   |   |
| 13772   | 2200    | 791     | 3.33  | 804      | 3.60  | 817  | 3.87  | 830   | 4.14  | 843  | 4.42  | 855   | 4.69  | 867  | 4.97  | 890  | 5.52  | 913  | 6.09  | 935  | 6.66  | 957  | 7.25  | 999  | 8.44  |      |       |      |       |   |   |
| 15024   | 2400    | 858     | 4.21  | 871      | 4.51  | 883  | 4.80  | 895   | 5.10  | 906  | 5.39  | 918   | 5.69  | 929  | 5.99  | 951  | 6.59  | 972  | 7.20  | 993  | 7.82  | 1013 | 8.44  | 1053 | 9.72  |      |       |      |       |   |   |
| 16276   | 2600    | 926     | 5.24  | 937      | 5.56  | 949  | 5.88  | 960   | 6.20  | 971  | 6.52  | 981   | 6.84  | 992  | 7.17  | 1012 | 7.82  | 1033 | 8.47  | 1052 | 9.13  | 1071 | 9.80  | 1109 | 11.15 |      |       |      |       |   |   |
| 17528   | 2800    | 993     | 6.44  | 1004     | 6.78  | 1015 | 7.13  | 1025  | 7.47  | 1036 | 7.82  | 1046  | 8.16  | 1056 | 8.51  | 1075 | 9.20  | 1094 | 9.90  | 1113 | 10.61 | 1131 | 11.32 | 1167 | 12.76 |      |       |      |       |   |   |
| 18780   | 3000    | 1061    | 7.81  | 1071     | 8.18  | 1081 | 8.55  | 1091  | 8.92  | 1101 | 9.28  | 1111  | 9.65  | 1120 | 10.02 | 1138 | 10.77 | 1157 | 11.51 | 1174 | 12.26 | 1192 | 13.02 | 1225 | 14.55 |      |       |      |       |   |   |
| 20032   | 3200    | 1129    | 9.37  | 1139     | 9.76  | 1148 | 10.16 | 1158  | 10.55 | 1167 | 10.94 | 1176  | 11.34 | 1185 | 11.73 | 1202 | 12.52 | 1220 | 13.31 | 1237 | 14.11 | 1253 | 14.91 | 1285 | 16.53 |      |       |      |       |   |   |
| 21284   | 3400    | 1197    | 11.13 | 1206     | 11.55 | 1216 | 11.97 | 1224  | 12.39 | 1233 | 12.80 | 1242  | 13.22 | 1250 | 13.64 | 1267 | 14.48 | 1283 | 15.32 | 1300 | 16.16 | 1315 | 17.01 | 1346 | 18.72 |      |       |      |       |   |   |
| 22536   | 3600    | 1266    | 13.11 | 1274     | 13.55 | 1283 | 13.99 | 1291  | 14.43 | 1300 | 14.88 | 1308  | 15.32 | 1316 | 15.76 | 1332 | 16.65 | 1348 | 17.53 | 1363 | 18.43 | 1378 | 19.32 | 1408 | 21.12 |      |       |      |       |   |   |
| 23788   | 3800    | 1334    | 15.31 | 1342     | 15.78 | 1350 | 16.24 | 1359  | 16.71 | 1366 | 17.18 | 1374  | 17.64 | 1382 | 18.11 | 1397 | 19.04 | 1412 | 19.98 | 1427 | 20.92 | 1442 | 21.86 | 1470 | 23.75 |      |       |      |       |   |   |
| 25040   | 4000    | 1402    | 17.75 | 1410     | 18.24 | 1418 | 18.73 | 1426  | 19.22 | 1434 | 19.71 | 1441  | 20.21 | 1449 | 20.70 | 1463 | 21.68 | 1478 | 22.66 | 1492 | 23.65 | 1506 | 24.64 | 1533 | 26.62 |      |       |      |       |   |   |
| 26292   | 4200    | 1471    | 20.44 | 1479     | 20.96 | 1486 | 21.47 | 1493  | 21.99 | 1501 | 22.50 | 1508  | 23.02 | 1515 | 23.54 | 1529 | 24.57 | 1543 | 25.60 | -    | -     | -    | -     | -    | -     |      |       |      |       |   |   |
| 27544   | 4400    | 1540    | 23.40 | 1547     | 23.94 | -    | -     | -     | -     | -    | -     | -     | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     |      |       |      |       |   |   |
| VOL CFM | VEL FPM | 3       |       | 3.5      |       | 4    |       | 4.5   |       | 5    |       | 5.5   |       | 6    |       | 6.5  |       | 7    |       | 7.5  |       | 8    |       | 8.5  |       | 9    |       | 9.5  |       |   |   |
|         |         | RPM     | BHP   | RPM      | BHP   | RPM  | BHP   | RPM   | BHP   | RPM  | BHP   | RPM   | BHP   | RPM  | BHP   | RPM  | BHP   | RPM  | BHP   | RPM  | BHP   | RPM  | BHP   | RPM  | BHP   | RPM  | BHP   | RPM  | BHP   |   |   |
| 8138    | 1300    | 863     | 5.30  | -        | -     | -    | -     | -     | -     | -    | -     | -     | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     |   |   |
| 8764    | 1400    | 876     | 5.66  | 932      | 6.66  | -    | -     | -     | -     | -    | -     | -     | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     |   |   |
| 9390    | 1500    | 891     | 6.05  | 944      | 7.08  | 996  | 8.15  | -     | -     | -    | -     | -     | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     |   |   |
| 10016   | 1600    | 908     | 6.47  | 959      | 7.53  | 1009 | 8.63  | 1058  | 9.77  | -    | -     | -     | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     |   |   |
| 10642   | 1700    | 927     | 6.92  | 976      | 8.01  | 1024 | 9.15  | 1071  | 10.32 | 1117 | 11.53 | -     | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     |   |   |
| 11268   | 1800    | 948     | 7.40  | 994      | 8.53  | 1040 | 9.69  | 1085  | 10.90 | 1130 | 12.14 | 1173  | 13.41 | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     |   |   |
| 11894   | 1900    | 969     | 7.92  | 1014     | 9.08  | 1058 | 10.27 | 1102  | 11.51 | 1145 | 12.78 | 1187  | 14.08 | 1228 | 15.42 | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     | - |   |
| 12520   | 2000    | 992     | 8.47  | 1035     | 9.66  | 1078 | 10.89 | 1120  | 12.16 | 1161 | 13.46 | 1202  | 14.80 | 1242 | 16.17 | 1281 | 17.57 | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     | - |   |
| 13772   | 2200    | 1040    | 9.67  | 1081     | 10.93 | 1120 | 12.23 | 1159  | 13.57 | 1198 | 14.93 | 1236  | 16.34 | 1273 | 17.77 | 1310 | 19.23 | 1347 | 20.73 | 1383 | 22.25 | 1419 | 23.80 | 1454 | 25.38 | -    | -     | -    | -     | - |   |
| 15024   | 2400    | 1092    | 11.02 | 1130     | 12.36 | 1167 | 13.73 | 1203  | 15.14 | 1240 | 16.57 | 1275  | 18.04 | 1310 | 19.54 | 1345 | 21.07 | 1379 | 22.63 | 1414 | 24.21 | 1447 | 25.83 | 1481 | 27.47 | 1514 | 29.14 | 1546 | 30.83 |   |   |
| 16276   | 2600    | 1146    | 12.54 | 1181     | 13.96 | 1216 | 15.40 | 1251  | 16.88 | 1285 | 18.39 | 1318  | 19.92 | 1352 | 21.49 | 1384 | 23.08 | 1417 | 24.71 | 1449 | 26.36 | 1481 | 28.04 | 1512 | 29.74 | 1544 | 31.47 | -    | -     | - |   |
| 17528   | 2800    | 1201    | 14.23 | 1235     | 15.72 | 1268 | 17.25 | 1301  | 18.80 | 1333 | 20.38 | 1365  | 21.99 | 1396 | 23.62 | 1427 | 25.29 | 1458 | 26.98 | 1489 | 28.70 | 1519 | 30.44 | -    | -     | -    | -     | -    | -     | - |   |
| 18780   | 3000    | 1258    | 16.10 | 1291     | 17.68 | 1322 | 19.28 | 1353  | 20.91 | 1384 | 22.57 | 1414  | 24.25 | 1444 | 25.96 | 1473 | 27.70 | 1503 | 29.46 | 1531 | 31.24 | -    | -     | -    | -     | -    | -     | -    | -     | - |   |
| 20032   | 3200    | 1317    | 18.17 | 1348     | 19.83 | 1378 | 21.52 | 1407  | 23.23 | 1436 | 24.96 | 1465  | 26.72 | 1494 | 28.50 | 1522 | 30.31 | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     | - |   |
| 21284   | 3400    | 1376    | 20.44 | 1406     | 22.19 | 1435 | 23.96 | 1463  | 25.75 | 1491 | 27.57 | 1518  | 29.40 | 1546 | 31.26 | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     | - | - |
| 22536   | 3600    | 1437    | 22.93 | 1465     | 24.77 | 1493 | 26.63 | 1520  | 28.50 | 1547 | 30.40 | -     | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     | - | - |
| 23788   | 3800    | 1498    | 25.66 | 1525     | 27.58 | -    | -     | -     | -     | -    | -     | -     | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     | - | - |

PERFORMANCE SHOWN IS FOR INSTALLATION TYPE B - FREE INLET, DUCTED OUTLET.  
POWER RATING (BHP) DOES NOT INCLUDE DRIVE LOSSES.  
PERFORMANCE RATINGS DO NOT INCLUDE THE EFFECTS OF APPURTENANCES IN THE AIRSTREAM.

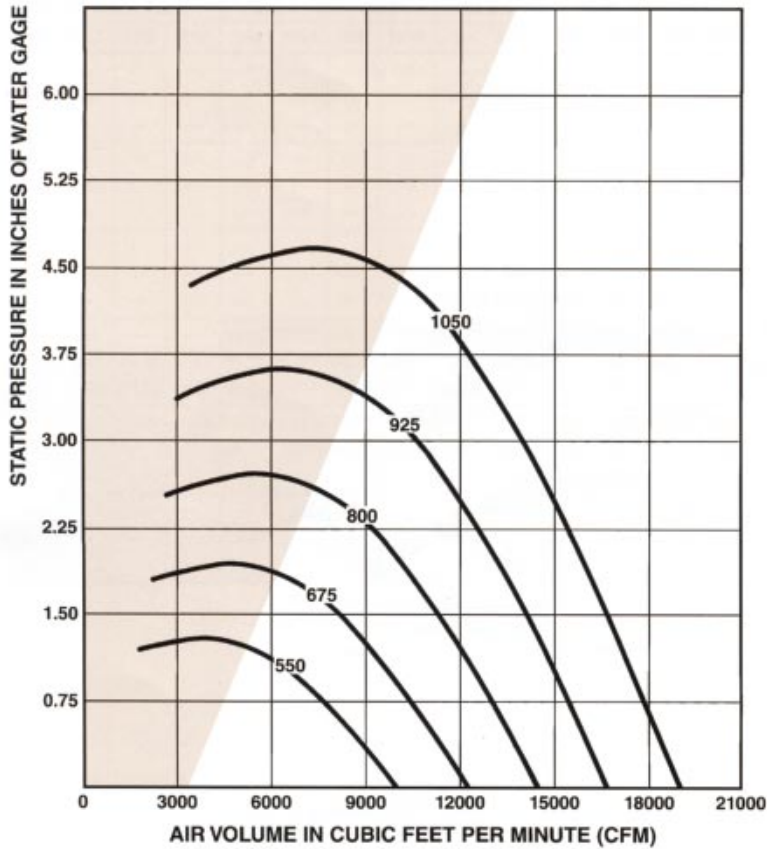
CLASS I BLOWERS

CLASS II BLOWERS

DO NOT SELECT FAN IN SHADED AREA



DO NOT SELECT FAN IN SHADED AREA



# PEERLESS-ELECTRIC ULTRAFAN-PAK 2000 PERFORMANCE TABLES

## B-365

TIP SPEED (FPM) = 9.566 X RPM

OUTLET (7.66 SQ. FT. INSIDE)  
{39-1/4" X 28-1/2" OUTSIDE}

MAX. HP = 13.01 (RPM / 1000)<sup>3</sup>

WHEEL DIAMETER - 36-1/2"

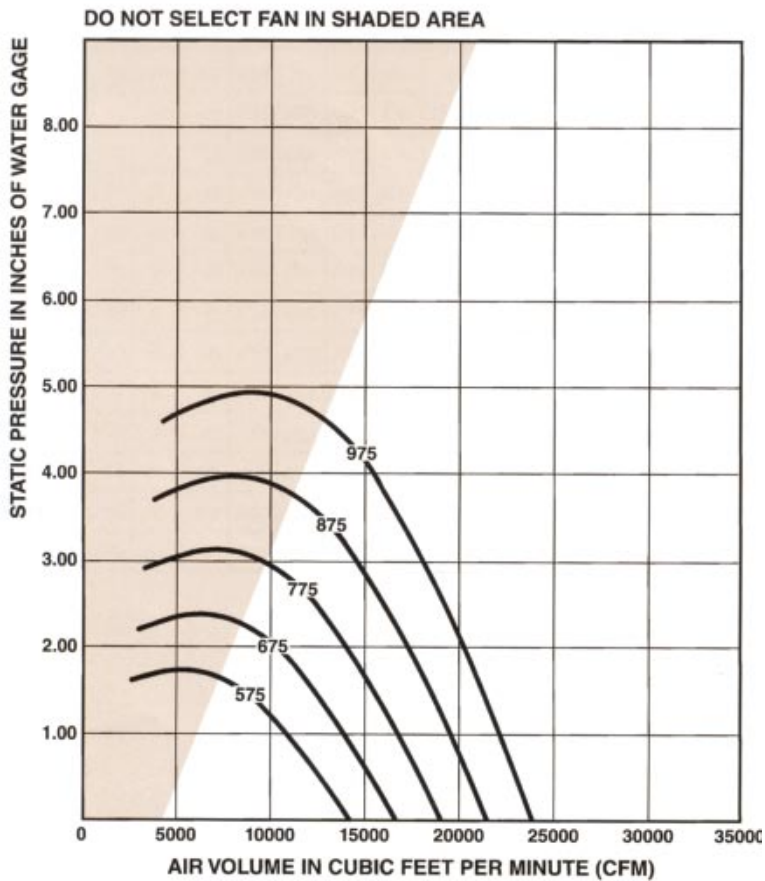
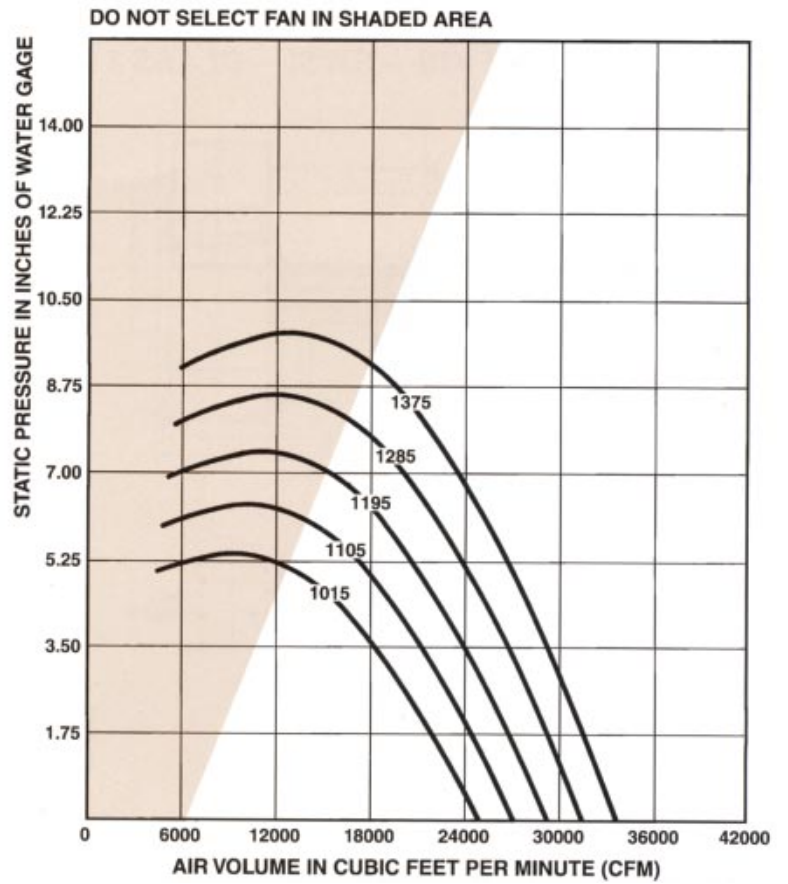
INLET {8.11 SQ. FT. INSIDE)  
{39" DIA. OUTSIDE}

MAX. RPM CL. I 1098  
CL. II 1431

| VOL<br>CFM | VEL<br>FPM | 0.25 SP |       | 0.375 SP |       | 0.5  |       | 0.625 |       | 0.75 |       | 0.875 |       | 1    |       | 1.25 |       | 1.5  |       | 1.75 |       | 2    |       | 2.5  |       |
|------------|------------|---------|-------|----------|-------|------|-------|-------|-------|------|-------|-------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|
|            |            | RPM     | BHP   | RPM      | BHP   | RPM  | BHP   | RPM   | BHP   | RPM  | BHP   | RPM   | BHP   | RPM  | BHP   | RPM  | BHP   | RPM  | BHP   | RPM  | BHP   | RPM  | BHP   | RPM  | BHP   |
| 6128       | 800        | 311     | 0.41  | 338      | 0.55  | 363  | 0.69  | 387   | 0.83  | 411  | 0.99  | -     | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     |
| 6894       | 900        | 337     | 0.51  | 362      | 0.66  | 384  | 0.81  | 407   | 0.97  | 428  | 1.13  | 450   | 1.30  | 470  | 1.48  | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     |
| 7660       | 1000       | 364     | 0.62  | 387      | 0.78  | 408  | 0.95  | 428   | 1.12  | 448  | 1.30  | 468   | 1.48  | 487  | 1.67  | 525  | 2.06  | -    | -     | -    | -     | -    | -     | -    | -     |
| 8426       | 1100       | 392     | 0.76  | 413      | 0.93  | 433  | 1.11  | 452   | 1.29  | 470  | 1.48  | 489   | 1.67  | 507  | 1.87  | 542  | 2.28  | 576  | 2.72  | -    | -     | -    | -     | -    | -     |
| 9192       | 1200       | 420     | 0.92  | 439      | 1.10  | 458  | 1.29  | 476   | 1.49  | 494  | 1.69  | 511   | 1.89  | 528  | 2.10  | 560  | 2.54  | 592  | 2.99  | 624  | 3.46  | -    | -     | -    | -     |
| 9958       | 1300       | 448     | 1.10  | 467      | 1.30  | 484  | 1.50  | 501   | 1.71  | 518  | 1.92  | 534   | 2.14  | 550  | 2.36  | 581  | 2.81  | 611  | 3.29  | 641  | 3.78  | 669  | 4.29  | -    | -     |
| 10724      | 1400       | 477     | 1.30  | 495      | 1.51  | 511  | 1.73  | 527   | 1.95  | 543  | 2.18  | 558   | 2.41  | 573  | 2.64  | 603  | 3.12  | 631  | 3.61  | 659  | 4.13  | 687  | 4.66  | 740  | 5.76  |
| 11490      | 1500       | 506     | 1.53  | 523      | 1.76  | 539  | 1.99  | 554   | 2.23  | 569  | 2.46  | 584   | 2.70  | 598  | 2.95  | 626  | 3.45  | 653  | 3.97  | 679  | 4.51  | 705  | 5.06  | 756  | 6.20  |
| 12256      | 1600       | 536     | 1.79  | 551      | 2.04  | 567  | 2.28  | 581   | 2.53  | 595  | 2.78  | 609   | 3.03  | 623  | 3.29  | 649  | 3.82  | 675  | 4.36  | 701  | 4.92  | 725  | 5.49  | 774  | 6.68  |
| 13022      | 1700       | 565     | 2.09  | 580      | 2.34  | 595  | 2.60  | 609   | 2.86  | 622  | 3.13  | 636   | 3.40  | 649  | 3.67  | 674  | 4.22  | 699  | 4.78  | 723  | 5.36  | 747  | 5.96  | 793  | 7.19  |
| 13788      | 1800       | 595     | 2.41  | 609      | 2.68  | 623  | 2.96  | 637   | 3.23  | 650  | 3.51  | 662   | 3.79  | 675  | 4.07  | 699  | 4.65  | 723  | 5.24  | 746  | 5.84  | 769  | 6.46  | 813  | 7.73  |
| 14554      | 1900       | 625     | 2.77  | 639      | 3.06  | 652  | 3.34  | 665   | 3.63  | 677  | 3.93  | 690   | 4.22  | 702  | 4.52  | 725  | 5.12  | 748  | 5.73  | 770  | 6.36  | 792  | 7.00  | 835  | 8.32  |
| 15320      | 2000       | 655     | 3.17  | 668      | 3.47  | 681  | 3.77  | 693   | 4.07  | 705  | 4.38  | 717   | 4.69  | 729  | 5.00  | 751  | 5.63  | 773  | 6.27  | 795  | 6.92  | 816  | 7.58  | 857  | 8.95  |
| 16852      | 2200       | 715     | 4.08  | 727      | 4.41  | 739  | 4.74  | 751   | 5.07  | 762  | 5.40  | 773   | 5.74  | 784  | 6.08  | 805  | 6.76  | 825  | 7.45  | 845  | 8.16  | 865  | 8.87  | 903  | 10.33 |
| 18384      | 2400       | 776     | 5.16  | 787      | 5.52  | 798  | 5.88  | 809   | 6.24  | 819  | 6.60  | 830   | 6.97  | 840  | 7.33  | 860  | 8.07  | 879  | 8.82  | 898  | 9.57  | 916  | 10.34 | 952  | 11.89 |
| 19916      | 2600       | 837     | 6.42  | 847      | 6.81  | 858  | 7.20  | 868   | 7.59  | 878  | 7.98  | 887   | 8.38  | 897  | 8.77  | 916  | 9.57  | 934  | 10.37 | 951  | 11.18 | 969  | 11.99 | 1003 | 13.65 |
| 21448      | 2800       | 898     | 7.88  | 908      | 8.30  | 918  | 8.72  | 927   | 9.14  | 936  | 9.57  | 946   | 9.99  | 955  | 10.41 | 972  | 11.26 | 989  | 12.12 | 1006 | 12.98 | 1023 | 13.85 | 1055 | 15.62 |
| 22980      | 3000       | 960     | 9.56  | 969      | 10.01 | 978  | 10.46 | 987   | 10.91 | 996  | 11.36 | 1004  | 11.82 | 1013 | 12.27 | 1030 | 13.18 | 1046 | 14.09 | 1062 | 15.01 | 1077 | 15.93 | 1108 | 17.81 |
| 24512      | 3200       | 1021    | 11.47 | 1030     | 11.95 | 1038 | 12.43 | 1047  | 12.91 | 1055 | 13.39 | 1063  | 13.87 | 1072 | 14.36 | 1087 | 15.32 | 1103 | 16.29 | 1118 | 17.27 | 1133 | 18.25 | 1162 | 20.23 |
| 26044      | 3400       | 1083    | 13.63 | 1091     | 14.14 | 1099 | 14.65 | 1107  | 15.16 | 1115 | 15.67 | 1123  | 16.18 | 1131 | 16.69 | 1146 | 17.72 | 1161 | 18.75 | 1175 | 19.78 | 1189 | 20.82 | 1217 | 22.91 |
| 27576      | 3600       | 1144    | 16.05 | 1152     | 16.59 | 1160 | 17.13 | 1168  | 17.67 | 1175 | 18.21 | 1183  | 18.75 | 1190 | 19.29 | 1205 | 20.38 | 1219 | 21.46 | 1233 | 22.55 | 1246 | 23.65 | 1273 | 25.85 |
| 29108      | 3800       | 1206    | 18.74 | 1214     | 19.31 | 1221 | 19.88 | 1229  | 20.45 | 1236 | 21.02 | 1243  | 21.60 | 1250 | 22.17 | 1264 | 23.31 | 1277 | 24.46 | 1291 | 25.60 | 1304 | 26.75 | 1329 | 29.07 |
| 30640      | 4000       | 1268    | 21.73 | 1275     | 22.33 | 1282 | 22.93 | 1289  | 23.53 | 1296 | 24.13 | 1303  | 24.73 | 1310 | 25.33 | 1323 | 26.54 | 1336 | 27.74 | 1349 | 28.95 | 1362 | 30.16 | 1386 | 32.59 |
| 32172      | 4200       | 1330    | 25.02 | 1337     | 25.65 | 1344 | 26.29 | 1351  | 26.92 | 1357 | 27.55 | 1364  | 28.18 | 1370 | 28.81 | 1383 | 30.07 | 1395 | 31.34 | 1408 | 32.60 | 1420 | 33.87 | -    | -     |
| 33704      | 4400       | 1392    | 28.64 | 1399     | 29.30 | 1405 | 29.97 | 1412  | 30.63 | 1418 | 31.29 | 1424  | 31.95 | 1431 | 32.61 | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     |
| VOL        | VEL        | 3       |       | 3.5      |       | 4    |       | 4.5   |       | 5    |       | 5.5   |       | 6    |       | 6.5  |       | 7    |       | 7.5  |       | 8    |       | 8.5  |       |
| CFM        | FPM        | RPM     | BHP   | RPM      | BHP   | RPM  | BHP   | RPM   | BHP   | RPM  | BHP   | RPM   | BHP   | RPM  | BHP   | RPM  | BHP   | RPM  | BHP   | RPM  | BHP   | RPM  | BHP   | RPM  | BHP   |
| 11490      | 1500       | 806     | 7.41  | -        | -     | -    | -     | -     | -     | -    | -     | -     | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     |
| 12256      | 1600       | 821     | 7.92  | -        | -     | -    | -     | -     | -     | -    | -     | -     | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     |
| 13022      | 1700       | 838     | 8.47  | 882      | 9.81  | -    | -     | -     | -     | -    | -     | -     | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     |
| 13788      | 1800       | 857     | 9.06  | 899      | 10.44 | 941  | 11.86 | -     | -     | -    | -     | -     | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     |
| 14554      | 1900       | 876     | 9.69  | 917      | 11.11 | 957  | 12.57 | 996   | 14.08 | -    | -     | -     | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     |
| 15320      | 2000       | 897     | 10.36 | 936      | 11.82 | 975  | 13.33 | 1012  | 14.88 | 1050 | 16.47 | -     | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     |
| 16852      | 2200       | 941     | 11.83 | 977      | 13.38 | 1013 | 14.97 | 1048  | 16.60 | 1083 | 18.28 | 1117  | 19.99 | 1151 | 21.74 | 1185 | 23.53 | -    | -     | -    | -     | -    | -     | -    | -     |
| 18384      | 2400       | 987     | 13.49 | 1021     | 15.13 | 1055 | 16.81 | 1088  | 18.52 | 1121 | 20.28 | 1153  | 22.08 | 1185 | 23.91 | 1216 | 25.78 | 1247 | 27.69 | 1278 | 29.63 | -    | -     | -    | -     |
| 19916      | 2600       | 1036    | 15.35 | 1068     | 17.08 | 1100 | 18.85 | 1131  | 20.66 | 1162 | 22.50 | 1192  | 24.38 | 1222 | 26.29 | 1252 | 28.25 | 1281 | 30.23 | 1310 | 32.25 | 1339 | 34.31 | 1367 | 36.39 |
| 21448      | 2800       | 1086    | 17.41 | 1117     | 19.24 | 1147 | 21.11 | 1176  | 23.01 | 1205 | 24.94 | 1234  | 26.91 | 1262 | 28.91 | 1291 | 30.95 | 1318 | 33.02 | 1346 | 35.12 | 1373 | 37.25 | 1400 | 39.42 |
| 22980      | 3000       | 1138    | 19.71 | 1167     | 21.64 | 1196 | 23.60 | 1224  | 25.59 | 1251 | 27.62 | 1279  | 29.68 | 1305 | 31.77 | 1332 | 33.89 | 1359 | 36.04 | 1385 | 38.23 | 1411 | 40.45 | -    | -     |
| 24512      | 3200       | 1191    | 22.24 | 1219     | 24.27 | 1246 | 26.33 | 1273  | 28.43 | 1299 | 30.55 | 1325  | 32.70 | 1351 | 34.88 | 1376 | 37.09 | 1401 | 39.33 | 1426 | 41.61 | -    | -     | -    | -     |
| 26044      | 3400       | 1245    | 25.02 | 1271     | 27.16 | 1297 | 29.32 | 1323  | 31.52 | 1348 | 33.74 | 1373  | 35.98 | 1398 | 38.26 | 1422 | 40.56 | -    | -     | -    | -     | -    | -     | -    | -     |
| 27576      | 3600       | 1299    | 28.07 | 1325     | 30.32 | 1350 | 32.59 | 1374  | 34.88 | 1398 | 37.20 | 1422  | 39.55 | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     |
| 29108      | 3800       | 1354    | 31.40 | 1379     | 33.76 | 1403 | 36.13 | 1427  | 38.53 | -    | -     | -     | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     |
| 30640      | 4000       | 1410    | 35.03 | -        | -     | -    | -     | -     | -     | -    | -     | -     | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     | -    | -     |

PERFORMANCE SHOWN IS FOR INSTALLATION TYPE B - FREE INLET, DUCTED OUTLET.  
POWER RATING (BHP) DOES NOT INCLUDE DRIVE LOSSES.  
PERFORMANCE RATINGS DO NOT INCLUDE THE EFFECTS OF APPURTENANCES IN THE AIRSTREAM.

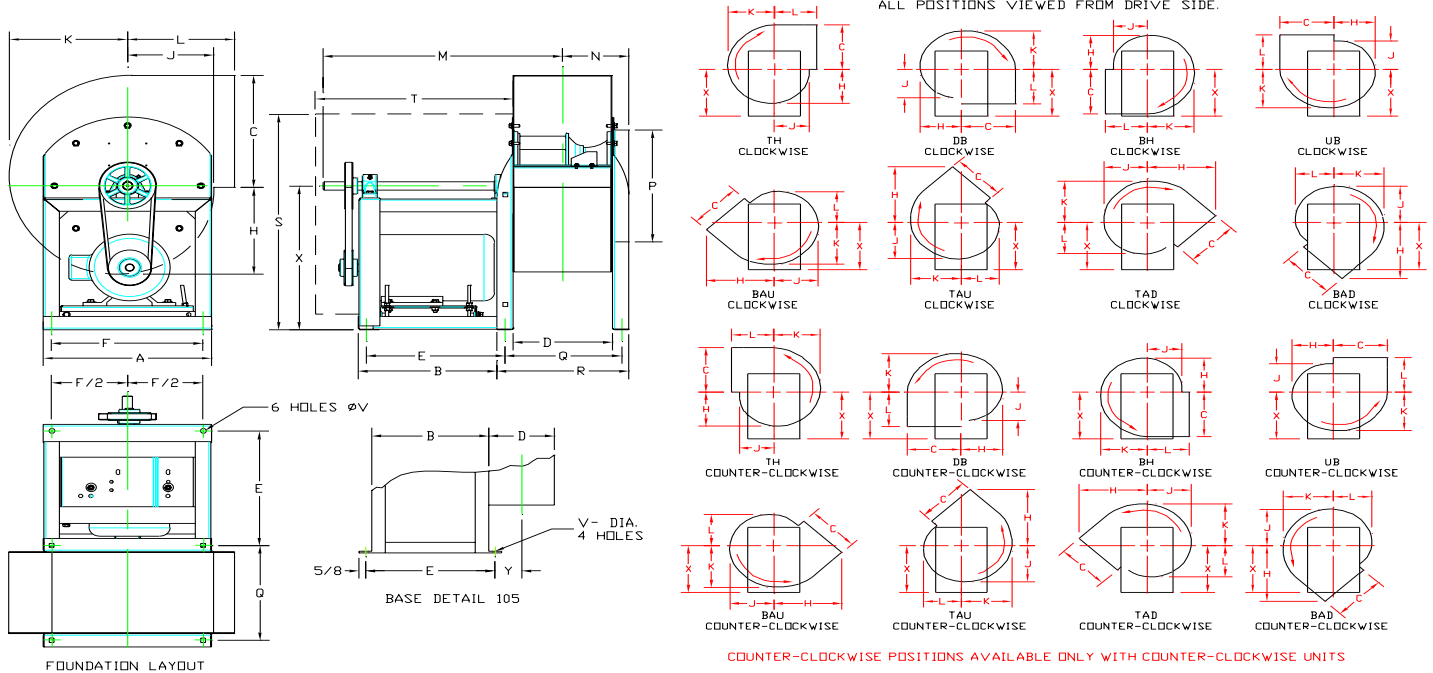
CLASS I BLOWERS  
CLASS II BLOWERS



# PEERLESS ELECTRIC ULTRAFAN-PAK 2000 BLOWERS

## NON-OVERLOADING BELT DRIVE

### ARRANGEMENT #10-SWSI-CLASS 1



| FAN SIZE | WHEEL DIA. | SHAFT DIA. | A      | B      | C*     | D      | E      | F      | TH, DB, BH, UB STRAIGHT DISCH. |        |        |        | BAU, TAU, TAD, BAD ANGULAR DISCH. |        |        |        | M      | N      | P      | Q      | R      | S      | T      | V    | X      | MAX. MOTOR FRAME SIZE |
|----------|------------|------------|--------|--------|--------|--------|--------|--------|--------------------------------|--------|--------|--------|-----------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|------|--------|-----------------------|
|          |            |            |        |        |        |        |        |        | H                              | J      | K      | L      | H                                 | J      | K      | L      |        |        |        |        |        |        |        |      |        |                       |
| 105      | 10-1/2     | 3/4        | 12-7/8 | 13     | 11-3/4 | 8      | 14-1/4 | 10-3/4 | 7-7/8                          | 6-3/4  | 9-1/8  | 8-1/16 | 13-1/4                            | 8-7/8  | 9-5/8  | 7-1/8  | 19-5/8 | 6      | 12-7/8 | -      | -      | 20-1/2 | 17     | 7/16 | 14     | 145T                  |
| 122      | 12-1/4     | 1          | 16-3/8 | 13-1/2 | 13-1/4 | 9-5/8  | 13-1/2 | 14-3/4 | 10-1/8                         | 8-1/2  | 11-1/2 | 10-1/2 | 16-5/8                            | 10-3/4 | 12-1/2 | 9-1/8  | 23-7/8 | 6-3/8  | 13-1/4 | 11-1/4 | 12-3/4 | 25-1/4 | 20     | 1/2  | 17     | 182T                  |
| 135      | 13-1/2     | 1          | 17-5/8 | 13-1/2 | 14-5/8 | 10-3/4 | 13-1/2 | 16     | 11-1/8                         | 9-3/8  | 12-5/8 | 11-3/8 | 18-1/4                            | 11-7/8 | 13-3/4 | 10     | 24-3/8 | 7      | 14-1/2 | 12-3/8 | 13-7/8 | 25-7/8 | 20     | 1/2  | 17     | 182T                  |
| 150      | 15         | 1          | 19-1/4 | 15-1/2 | 16-1/4 | 11-3/4 | 15-1/2 | 17-5/8 | 12-3/8                         | 10-3/8 | 14-1/8 | 12-3/8 | 20-1/8                            | 13-1/4 | 15-1/4 | 11-1/8 | 26-7/8 | 7-1/2  | 16-1/8 | 13-3/8 | 14-7/8 | 27-5/8 | 22     | 1/2  | 17-7/8 | 182T                  |
| 165      | 16-1/2     | 1          | 21-3/8 | 15     | 17-3/4 | 13     | 15-1/2 | 19-3/4 | 13-5/8                         | 11-3/8 | 15-1/2 | 13-3/8 | 21-7/8                            | 14-5/8 | 16-3/4 | 12-1/4 | 27-1/2 | 8-1/2  | 17-7/8 | 14-1/2 | 17     | 30-1/8 | 22     | 1/2  | 19-1/2 | 184T                  |
| 182      | 18-1/4     | 1-3/16     | 23-1/8 | 17     | 19-5/8 | 14-1/4 | 17-1/2 | 21-1/2 | 15                             | 12-5/8 | 17-1/8 | 14-5/8 | 24-1/8                            | 16     | 18-1/2 | 13-5/8 | 30-5/8 | 9-1/8  | 19-5/8 | 15-3/4 | 18-1/4 | 33-3/8 | 25     | 1/2  | 21-7/8 | 184T                  |
| 200      | 20         | 1-3/16     | 25     | 17     | 21-1/2 | 15-7/8 | 17     | 23-3/8 | 16-1/2                         | 13-3/4 | 18-3/4 | 15-3/4 | 26-3/8                            | 17-5/8 | 20-3/8 | 14-7/8 | 31-1/2 | 10     | 21-1/2 | 17-7/8 | 20-1/8 | 36-1/4 | 25     | 1/2  | 23-3/4 | 213T                  |
| 222      | 22-1/4     | 1-3/16     | 27-3/8 | 16-1/2 | 24     | 17-3/8 | 17     | 25-3/4 | 18-1/4                         | 15-1/4 | 20-7/8 | 17-1/4 | 29                                | 19-1/2 | 22-5/8 | 16-1/2 | 32-3/4 | 10-5/8 | 23-7/8 | 19-3/8 | 22-5/8 | 39-3/4 | 26     | 1/2  | 26-1/8 | 213T                  |
| 245      | 24-1/2     | 1-7/16     | 30-1/4 | 16-1/2 | 26-1/4 | 19-1/4 | 16-3/4 | 23-5/8 | 20-1/8                         | 16-7/8 | 23     | 19-7/8 | 32-1/2                            | 21-1/2 | 24-7/8 | 18-1/4 | 33-5/8 | 11-3/4 | 26-3/8 | 21-1/4 | 24-1/2 | 42-7/8 | 26     | 1/2  | 27-3/4 | 215T                  |
| 270      | 27         | 1-7/16     | 33     | 16-1/2 | 29     | 21-1/4 | 16-1/2 | 26-1/4 | 22-1/8                         | 18-1/2 | 25-1/4 | 21-1/2 | 35-3/8                            | 23-5/8 | 27-3/8 | 20     | 34-5/8 | 12-5/8 | 29     | 23-3/4 | 26-1/2 | 47     | 26     | 1/2  | 30-1/2 | 215T                  |
| 300      | 30         | 1-11/16    | 36-1/4 | 16-1/2 | 32-1/4 | 23-3/8 | 16-1/2 | 29-1/2 | 24-5/8                         | 20-1/2 | 28-1/8 | 23-5/8 | 39-3/8                            | 26-3/8 | 30-1/2 | 22-1/2 | 36     | 13-3/4 | 32-1/4 | 26     | 28-3/4 | 51-7/8 | 27     | 1/2  | 33-3/4 | 254T                  |
| 330      | 33         | 1-11/16    | 39-1/2 | 21-3/8 | 35-3/8 | 25-7/8 | 21-5/8 | 33-1/8 | 27-1/8                         | 22-1/2 | 30-7/8 | 25-5/8 | 43                                | 28-7/8 | 33-1/2 | 24-3/8 | 41-3/8 | 15     | 35-3/8 | 28-3/8 | 31-1/8 | 58-1/2 | 30-3/8 | 7/8  | 38-3/8 | 254T                  |
| 365      | 36-1/2     | 1-15/16    | 43-1/8 | 21-3/8 | 39-1/4 | 28-1/2 | 21-5/8 | 36-7/8 | 30                             | 24-7/8 | 34-1/8 | 28     | 47-3/8                            | 32     | 37-1/8 | 27     | 43-1/4 | 16-1/4 | 39     | 31     | 33-3/4 | 63-3/4 | 30-3/8 | 7/8  | 42-1/8 | 254T                  |

NOTE: Letters "C" and "D" are outside housing dimensi  
 \*\*C" dimension on 105 extends 1-1/16" beyond center-li

| TEMPERATURE OPERATING LIMITS                 |      |                |      |
|--|------|----------------|------|
| TEMPERATURE RPM DERATING FACTORS IN PERCENT: |      |                |      |
| STEEL WHEEL                                  |      | ALUMINUM WHEEL |      |
| 300° F                                       | 100% | 150° F         | 100% |
| 301-400° F                                   | 96%  | 151-200° F     | 95%  |
| 401-500° F                                   | 92%  | 201-250° F     | 80%  |
| 500-600° F                                   | 85%  |                |      |

**MATERIAL SPECIFICATIONS**

| FAN SIZE | WHEEL DIA. | SHAFT DIAMETER @ |         | HOUSING GAUGES |      | WHEEL GAUGES  |            |        |          | FRAME GAUGES |       |
|----------|------------|------------------|---------|----------------|------|---------------|------------|--------|----------|--------------|-------|
|          |            | WHEEL            | BRG.    | BAND           | FACE | NO. OF BLADES | GAUGES     |        |          | DRIVE        | INLET |
|          |            |                  |         |                |      |               | BACK PLATE | BLADES | END RING |              |       |
| 105      | 10-1/2     | 3/4              | 3/4     | 20             | 16   | 12            | 10         | 12     | 14       | 16           | -     |
| 122      | 12-1/4     | 1                | 1       | 16             | 16   | 12            | 3/16       | 12     | 14       | 14           | 16    |
| 135      | 13-1/2     | 1                | 1       | 16             | 14   | 12            | 3/16       | 12     | 14       | 14           | 16    |
| 150      | 15         | 1                | 1       | 16             | 14   | 12            | 3/16       | 12     | 14       | 14           | 16    |
| 165      | 16-1/2     | 1                | 1       | 16             | 14   | 12            | 3/16       | 10     | 14       | 14           | 16    |
| 182      | 18-1/4     | 1-3/16           | 1-3/16  | 16             | 14   | 12            | 3/16       | 10     | 14       | 14           | 14    |
| 200      | 20         | 1-3/16           | 1-3/16  | 14             | 14   | 12            | 3/16       | 3/16   | 14       | 12           | 14    |
| 222      | 22-1/4     | 1-3/16           | 1-3/16  | 14             | 12   | 12            | 3/16       | 3/16   | 14       | 12           | 14    |
| 245      | 24-1/2     | 1-7/16           | 1-7/16  | 14             | 12   | 12            | 3/16       | 3/16   | 14       | 12           | 12    |
| 270      | 27         | 1-7/16           | 1-7/16  | 14             | 12   | 11            | 1/4        | 16     | 14       | 12           | 12    |
| 300      | 30         | 1-11/16          | 1-11/16 | 14             | 12   | 11            | 1/4        | 16     | 14       | 12           | 12    |
| 330      | 33         | 1-11/16          | 1-11/16 | 14             | 12   | 11            | 1/4        | 16     | 14       | 10           | 10    |
| 365      | 36-1/2     | 1-15/16          | 1-15/16 | 14             | 12   | 11            | 3/8        | 16     | 14       | 10           | 10    |

**HEAVY DUTY ANTI-FRICTION BEARINGS**

ULTRAFAN-PAK 2000 Blowers are equipped with self-aligning single row ball bearings.

Computerized selections have been made on all bearings based on radial, thrust and combined loads to give 100,000 average life hours (AFMBA L<sub>50</sub>)

on standard units at the maximum design of each blower.

Bearings selected have effective seals to retain the lubricant and to prevent against contamination. All have grease fittings for relubrication. Bearings are available for 400,000

Hours (AFMBA L<sub>50</sub>).

The table below shows the type bearings used for each unit.

Peerless Electric/ Madison Manufacturing Company reserves the right to change bearings of equal ratings.

| FAN SIZE | STANDARD 100,000 HOURS | SPECIAL 400,000 HOURS |
|----------|------------------------|-----------------------|
| 105      | A                      | A                     |
| 122      | A                      | B                     |
| 135      | A                      | B                     |
| 150      | A                      | C                     |
| 165      | A                      | C                     |
| 182      | A                      | C                     |
| 200      | A                      | C                     |
| 222      | A                      | C                     |
| 245      | A                      | C                     |
| 270      | A                      | C                     |
| 300      | A                      | C                     |
| 330      | A                      | C                     |
| 365      | A                      | C                     |



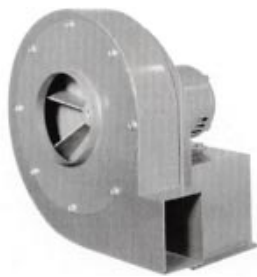
**A-** Normal Duty Self-Aligning Ball Bearing Pillow Block with Single Locking Collar



**B-** Normal Duty  
**C-** Medium Duty Self-Aligning Ball Bearing Pillow Block with Double Locking Collars



**DIRECT DRIVE  
BLOWERS**



**PRESSURE  
BLOWERS**



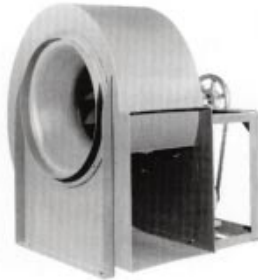
**INDUSTRIAL  
FANS**



**DIRECT DRIVE  
EXHAUST FANS**



**IN-LINE  
CENTRIFUGALS**



**BACKWARD INCLINED  
BELT DRIVE BLOWERS**



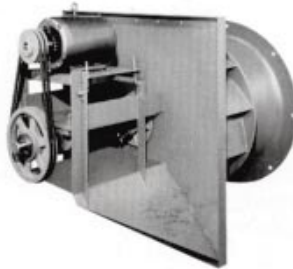
**CAST IRON  
HOUSED BLOWERS**



**BELT DRIVE  
PROPELLOR FANS**



**POWERFOIL BLOWERS**



**PLUG-PAK FANS**



**FORWARD CURVE  
BELT DRIVE BLOWERS**

**ISO 9001  
REGISTRATION  
# 1385**



**PEERLESS ELECTRIC**

**MADISON MANUFACTURING COMPANY**

AFFILIATE OF PEERLESS-WINSMITH, INC.



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