

**PEERLESS
BLOWERS**

Ultrafan-Pak 2000

**Non-Overloading Belt Drive
Arrangement 10**



Your Clean Air Source!

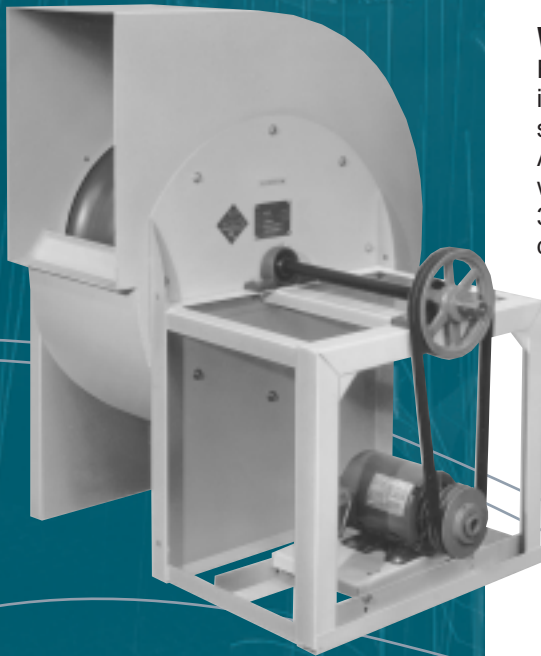
PEERLESS BLOWERS

PEERLESS BLOWERS ULTRAFAN-PAK 2000

HIGH QUALITY... HIGH EFFICIENCY... VERSATILITY

PEERLESS BLOWERS ULTRAFAN-PAK 2000 INDEX

| | |
|--|----|
| Peerless Blowers Ultrafan-Pak 2000 | 2 |
| Ultrafan-Pak 2000 Construction Features | 2 |
| Material Specifications Class 1 and Class 2 | 3 |
| Heavy Duty Anti-Friction Bearings | 3 |
| Ultrafan-Pak 2000 Accessories | 4 |
| Spark-Resistant Standards | 4 |
| Peerless Blowers Ultrafan-Pak 2000 Performance Tables | |
| B-105 | 5 |
| B-122 | 6 |
| B-135 | 7 |
| B-150 | 8 |
| B-165 | 9 |
| B-182 | 10 |
| B-200 | 11 |
| B-222 | 12 |
| B-245 | 13 |
| B-270 | 14 |
| B-300 | 15 |
| B-330 | 16 |
| B-365 | 17 |
| Peerless Blowers Ultrafan-Pak 2000 Arrangement #10 Class 1 | 18 |
| Peerless Blowers Ultrafan-Pak 2000 Arrangement #10 Class 2 | 19 |



Established in 1893, **Peerless Blowers** has a well established record of manufacturing a complete line of heavy-duty industrial fans and blowers, as well as propeller fans for commercial and industrial applications. For over a hundred years, thousands of customers have come to know and depend on the quality-built, reliable and efficient fans and blower products produced by **Peerless Blowers**. Our engineering and design departments are experts assisting customers develop custom-designed air conveying systems that will meet and exceed their critical fan or blower application requirements.

Fans and blower products manufactured by **Peerless Blowers** have and continue to provide exceptional performance, cost-efficient operation and long-term service to customers in numerous OEM,

commercial and industrial markets, including:

- Aviation • Automotive • Chemical
- Clothing • Food • Foundries
- Graphics/Printing • HVAC • Leather
- Maintenance • Manufacturing
- Mining • Paint • Paper/Pulp
- Petroleum • Plastics • Rail • Rubber
- Steel • Textile • And More!

Fans and blowers produced by **Peerless Blowers** have been application engineered and designed to meet and exceed all the requirements of today's air moving needs. Tested/rated to meet AMCA/ASHRAE Codes, our blowers are designed to provide maximum performance, long-term service and cost efficient operation in a wide variety of applications and environments.

Regardless of your air movement requirements, Peerless Blowers ...IS YOUR CLEAN AIR SOURCE!

ULTRAFAN-PAK 2000 BLOWER CONSTRUCTION FEATURES

Wheels

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

Inlet

Circular stamped ring. Rigid streamlined inlet.

Frame

All welded steel construction. Easy access to motor for servicing.

Housing

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

Motor Base

Heavy construction assures sturdy base for motor mounting and features easy adjustment for belt tension.

Bearings

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

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.

Adjustable V-Belt Drive

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

MATERIAL SPECIFICATIONS CLASS 1 AND CLASS 2

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

HEAVY DUTY ANTI-FRICTION BEARINGS

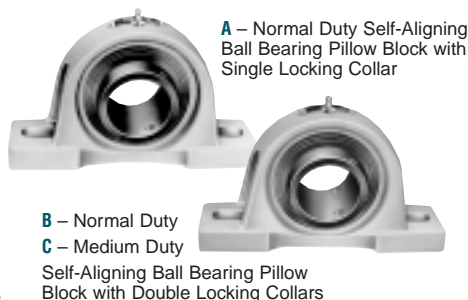
ULTRAFAN-PAK 2000 Blowers are equipped with self-aligning single row ball bearings.

Computerized selections have been made on all bearings based on radial, thrust and combined loads to give 100,000 average life hours (AFMBA L₅₀) 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 L₅₀).

The table at right shows the type bearings used for each unit.

Peerless Blowers 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 |

PEERLESS BLOWERS ULTRAFAN-PAK 2000

Peerless Blowers are built with these features:

Class 1 performance cataloged to 5" WG static pressure. Class 2 performance cataloged to 8.5" WG static pressure. Air delivery ranges from 509 CFM to 32,172 CFM.

Non-overloading performance — the backwardly 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 easy access to motor, drive 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 Blowers 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 accordance with AMCA Publication 211 and comply with the requirements of the AMCA Certified Ratings Program.



PEERLESS BLOWERS ULTRAFAN-PAK 2000 ACCESSORIES

1. Weather Cover

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

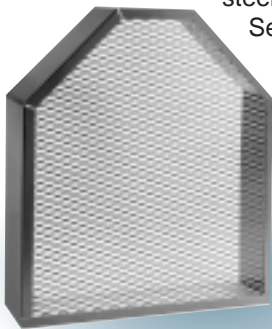


Drive Cover

2. Belt Guard

Covers the drives and entire frame end. Constructed of heavy gauge expanded metal mesh with welded steel frame.

Securely fastened with screws to blower frame.



Belt Guard

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.

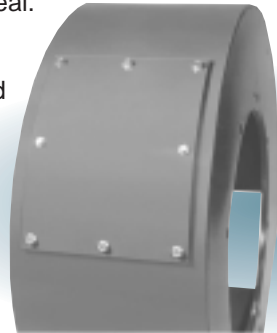


Shutter

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.



Bolted Door



Quick-Opening Door

5. Vibration Rail Bases

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



Spring Rail

R.I.S. Rail

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. Protective coatings are also available. Also available in spark resistant construction.

Sample specifications for ULTRAFAN PAK 2000 Backward Inclined Units

- Fan shall be single width, single inlet with backward inclined flat blade wheel on size: 105 through 245.
- Airfoil wheel on size: 270 through 365.
- CW or CCW rotation as specified.
- The fan shall be of welded and bolted, heavy gauge steel construction coated with Peerless Blowers' electrostatically applied baked polyester coating. The

housing shall be easily rotated to any of eight standard positions.

- The fan shall have self-aligning ball bearings and the shaft shall be ground and polished solid steel keywayed. The fan shall have a heavy duty, ball bearing motor matched to the fan load and furnished at the specified voltage, phase and enclosure.
- The fan shall have a drive with a cast iron adjustable pitch motor

sheave. The belts shall be oil and heat resistant.

- Fan to be arrangement 10, Class I or Class II construction (as required).
- All fans to be manufactured in an ISO 9001 Certified Facility.
- All fans shall bear the AMCA seal for air performance.
- Fan to be model "B" as manufactured by Peerless Blowers (Hot Springs, NC).

PEERLESS BLOWERS ULTRAFAN-PAK 2000 PERFORMANCE TABLES

B-105

TIP SPEED (FPM) = 2.749 x RPM

OUTLET { .636 Sq. Ft. Inside
11³/₄" x 8" Outside

MAX. HP = .0387 $\left(\frac{\text{RPM}}{1000}\right)^3$

WHEEL DIAMETER — 10¹/₂"

INLET { .894 Sq. Ft. Inside
12⁷/₈" Dia. Outside

MAX. RPM
CL.1 3623
CL.2 4724

| VOL. CFM | OUTLET VEL. FPM | .25 S.P. | | .5 S.P. | | .75 S.P. | | 1 S.P. | | 1.25 S.P. | | 1.5 S.P. | | 2 S.P. | | 2.5 S.P. | | 3 S.P. | | 3.5 S.P. | |
|----------|-----------------|----------|------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | | 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 | 0.82 | 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. CFM | OUTLET VEL. FPM | 4 S.P. | | 4.5 S.P. | | 5 S.P. | | 5.5 S.P. | | 6 S.P. | | 6.5 S.P. | | 7 S.P. | | 7.5 S.P. | | 8 S.P. | | 8.5 S.P. | |
|----------|-----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | | 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 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

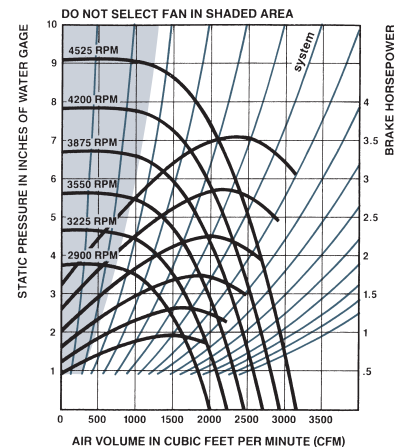
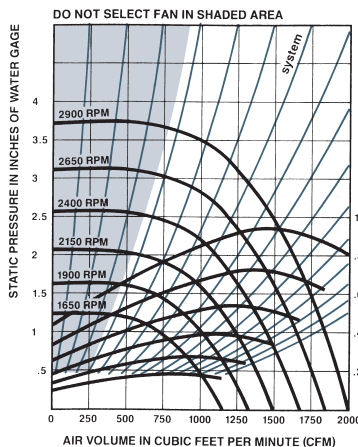
Performance certified is for installation type B — free inlet, ducted outlet.

Power Rating (BHP) does not include transmission losses.

Performance ratings do not include the effects of appurtenances (accessories).

Data in **bold** face indicates quietest and most efficient performance.

- Class I Blowers
- Class II Blowers



PEERLESS BLOWERS ULTRAFAN-PAK 2000 PERFORMANCE TABLES

B-122

TIP SPEED (FPM) = 3.207 x RPM

OUTLET { .858 Sq. Ft. Inside
13 1/4" x 9 5/8" Outside

MAX. HP = .1009 $\left(\frac{\text{RPM}}{1000}\right)^3$

WHEEL DIAMETER—12 1/4"

INLET { .921 Sq. Ft. Inside
13 1/4" Dia. Outside

MAX. RPM
CL.1 2978
CL.2 3883

| VOL. CFM | OUTLET VEL. FPM | .25 S.P. | | .5 S.P. | | .75 S.P. | | 1 S.P. | | 1.25 S.P. | | 1.5 S.P. | | 2 S.P. | | 2.5 S.P. | | 3 S.P. | | 3.5 S.P. | |
|----------|-----------------|----------|------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | | 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. CFM | OUTLET VEL. FPM | 4 S.P. | | 4.5 S.P. | | 5 S.P. | | 5.5 S.P. | | 6 S.P. | | 6.5 S.P. | | 7 S.P. | | 7.5 S.P. | | 8 S.P. | | 8.5 S.P. | |
|----------|-----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | | 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 | 5.30 | 3828 | 5.63 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 4118 | 4800 | 3871 | 5.78 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

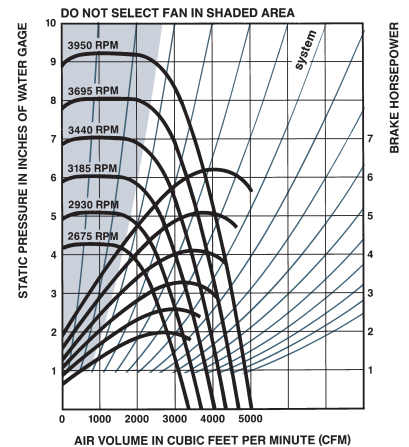
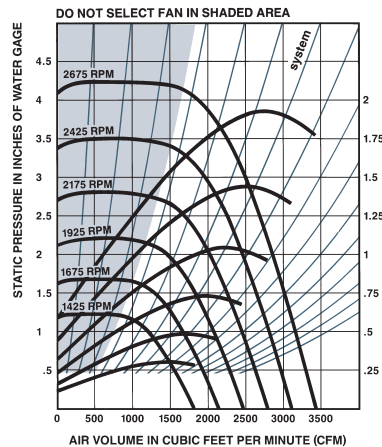
Performance certified is for installation type B—free inlet, ducted outlet.

Power Rating (BHP) does not include transmission losses.

Performance ratings do not include the effects of appurtenances (accessories).

Data in **bold face** indicates quietest and most efficient performance.

- Class I Blowers
- Class II Blowers



PEERLESS BLOWERS ULTRAFAN-PAK 2000 PERFORMANCE TABLES

B-135

TIP SPEED (FPM) = 3.534 x RPM

OUTLET { 1.049 Sq. Ft. Inside
14⁵/₈" x 10³/₄" Outside

MAX. HP = .1567 $\left(\frac{\text{RPM}}{1000}\right)^3$

WHEEL DIAMETER—13¹/₂"

INLET { 1.108 Sq. Ft. Inside
14¹/₂" Dia. Outside

MAX. RPM
CL.1 2702
CL.2 3524

| VOL. CFM | OUTLET VEL. FPM | .25 S.P. | | .5 S.P. | | .75 S.P. | | 1 S.P. | | 1.25 S.P. | | 1.5 S.P. | | 2 S.P. | | 2.5 S.P. | | 3 S.P. | | 3.5 S.P. | |
|----------|-----------------|----------|------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | | 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 | 2247 | 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. CFM | OUTLET VEL. FPM | 4 S.P. | | 4.5 S.P. | | 5 S.P. | | 5.5 S.P. | | 6 S.P. | | 6.5 S.P. | | 7 S.P. | | 7.5 S.P. | | 8 S.P. | | 8.5 S.P. | |
|----------|-----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | | 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 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

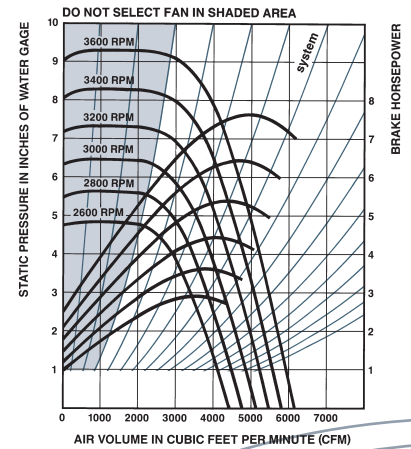
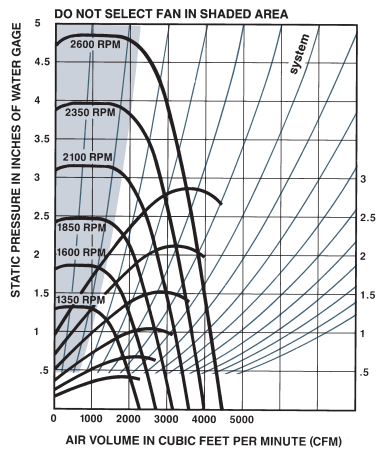
Performance certified is for installation type B-free inlet, ducted outlet.

Power Rating (BHP) does not include transmission losses.

Performance ratings do not include the effects of appurtenances (accessories).

Data in **bold** face indicates quietest and most efficient performance.

- Class I Blowers
- Class II Blowers



PEERLESS BLOWERS 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

MAX. HP = .2575 $\left(\frac{\text{RPM}}{1000}\right)^3$

WHEEL DIAMETER—15"

INLET { 1.374 Sq. Ft. Inside
16 1/8" Dia. Outside

MAX. RPM
CL.1 2458
CL.2 3205

| VOL. CFM | OUTLET VEL. FPM | .25 S.P. | | .5 S.P. | | .75 S.P. | | 1 S.P. | | 1.25 S.P. | | 1.5 S.P. | | 2 S.P. | | 2.5 S.P. | | 3 S.P. | | 3.5 S.P. | |
|----------|-----------------|----------|------|------------|-------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | | 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 | OUTLET VEL. FPM | 4 S.P. | | 4.5 S.P. | | 5 S.P. | | 5.5 S.P. | | 6 S.P. | | 6.5 S.P. | | 7 S.P. | | 7.5 S.P. | | 8 S.P. | | 8.5 S.P. | |
|----------|-----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|----------|------|
| | | 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 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

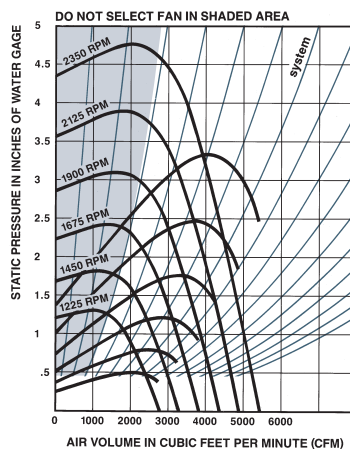
Performance certified is for installation type B—free inlet, ducted outlet.

Power Rating (BHP) does not include transmission losses.

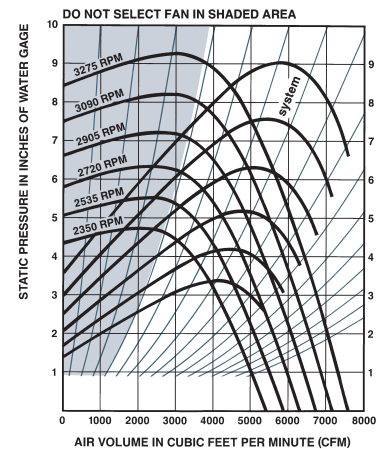
Performance ratings do not include the effects of appurtenances (accessories).

Data in **bold** face indicates quietest and most efficient performance.

- Class I Blowers
- Class II Blowers



BRAKE HORSEPOWER



BRAKE HORSEPOWER

PEERLESS BLOWERS ULTRAFAN-PAK 2000 PERFORMANCE TABLES

B-165

TIP SPEED (FPM) = 4.320 x RPM

OUTLET { 1.560 Sq. Ft. Inside
17³/₄" x 13" Outside

MAX. HP = .4142 $\left(\frac{\text{RPM}}{1000}\right)^3$

WHEEL DIAMETER — 16¹/₂"

INLET { 1.67 Sq. Ft. Inside
17⁷/₈" Dia. Outside

MAX. RPM
CL.1 2235
CL.2 2914

| VOL. CFM | OUTLET VEL. FPM | .25 S.P. | | .5 S.P. | | .75 S.P. | | 1 S.P. | | 1.25 S.P. | | 1.5 S.P. | | 2 S.P. | | 2.5 S.P. | | 3 S.P. | | 3.5 S.P. | |
|----------|-----------------|----------|------|------------|-------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | | 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 | 1997 | 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. CFM | OUTLET VEL. FPM | 4 S.P. | | 4.5 S.P. | | 5 S.P. | | 5.5 S.P. | | 6 S.P. | | 6.5 S.P. | | 7 S.P. | | 7.5 S.P. | | 8 S.P. | | 8.5 S.P. | |
|----------|-----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|----------|------|
| | | 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 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

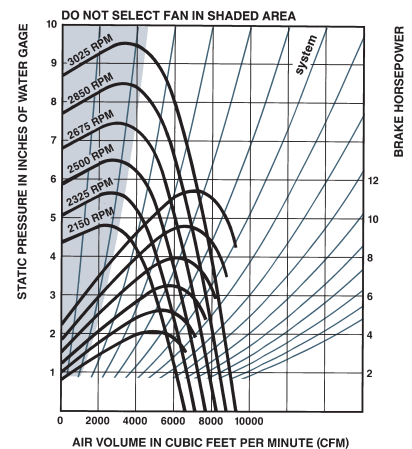
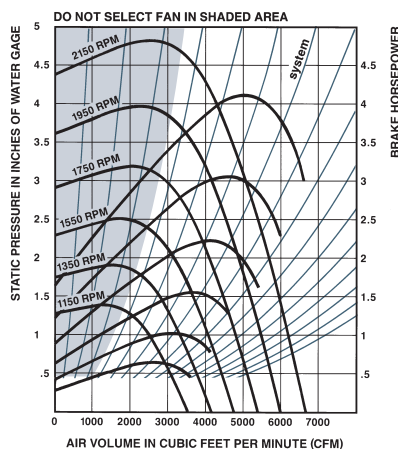
Performance certified is for installation type B-free inlet, ducted outlet.

Power Rating (BHP) does not include transmission losses.

Performance ratings do not include the effects of appurtenances (accessories).

Data in **bold** face indicates quietest and most efficient performance.

- Class I Blowers
- Class II Blowers



PEERLESS BLOWERS 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 $\left(\frac{\text{RPM}}{1000}\right)^3$

WHEEL DIAMETER—18 1/4"

INLET { 2.02 Sq. Ft. Inside
19 5/8" Dia. Outside

MAX. RPM
CL.1 2044
CL.2 2666

| VOL. CFM | OUTLET VEL. FPM | .25 S.P. | | .5 S.P. | | .75 S.P. | | 1 S.P. | | 1.25 S.P. | | 1.5 S.P. | | 2 S.P. | | 2.5 S.P. | | 3 S.P. | | 3.5 S.P. | |
|----------|-----------------|----------|------|------------|-------------|------------|-------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | | 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 | OUTLET VEL. FPM | 4 S.P. | | 4.5 S.P. | | 5 S.P. | | 5.5 S.P. | | 6 S.P. | | 6.5 S.P. | | 7 S.P. | | 7.5 S.P. | | 8 S.P. | | 8.5 S.P. | |
|----------|-----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|
| | | 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 | 2325 | 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 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

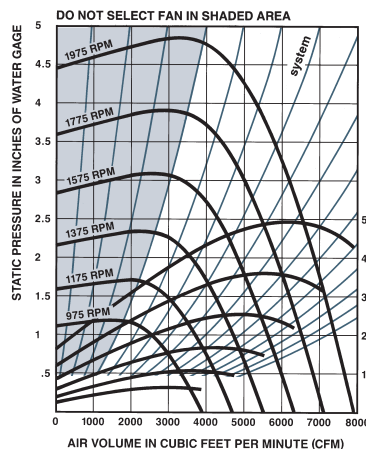
Performance certified is for installation type B—free inlet, ducted outlet.

Power Rating (BHP) does not include transmission losses.

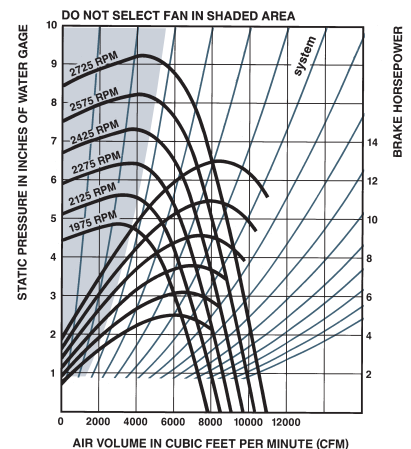
Performance ratings do not include the effects of appurtenances (accessories).

Data in **bold** face indicates quietest and most efficient performance.

- Class I Blowers
- Class II Blowers



BRAKE HORSEPOWER



BRAKE HORSEPOWER

PEERLESS BLOWERS 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 $\left(\frac{\text{RPM}}{1000}\right)^3$

WHEEL DIAMETER—20"

INLET { 2.435 Sq. Ft. Inside
21 1/2" Dia. Outside

MAX. RPM
CL.1 1866
CL.2 2432

| VOL. CFM | OUTLET VEL. FPM | .25 S.P. | | .5 S.P. | | .75 S.P. | | 1 S.P. | | 1.25 S.P. | | 1.5 S.P. | | 2 S.P. | | 2.5 S.P. | | 3 S.P. | | 3.5 S.P. | |
|----------|-----------------|----------|------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | | 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 | 0.70 | — | — | — | — | — | — | — | — | — | — |
| 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 | 1.00 | — | — | — | — | — | — | — | — |
| 3013 | 1300 | 670 | 0.30 | 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 | 1.00 | 1059 | 1.18 | 1182 | 1.56 | — | — | — | — | — | — |
| 3477 | 1500 | 750 | 0.41 | 820 | 0.56 | 888 | 0.72 | 954 | 0.90 | 1019 | 1.08 | 1081 | 1.28 | 1200 | 1.67 | 1312 | 2.09 | — | — | — | — |
| 3709 | 1600 | 791 | 0.47 | 857 | 0.63 | 921 | 0.80 | 984 | 0.99 | 1045 | 1.18 | 1105 | 1.38 | 1219 | 1.79 | 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 | 0.80 | 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 | 0.90 | 1027 | 1.09 | 1081 | 1.29 | 1135 | 1.51 | 1187 | 1.73 | 1289 | 2.20 | 1387 | 2.68 | 1481 | 3.19 | 1572 | 3.71 |
| 4636 | 2000 | 960 | 0.83 | 1012 | 1.01 | 1064 | 1.20 | 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 | 1.20 | 1134 | 1.40 | 1180 | 1.61 | 1225 | 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 | 2.00 | 1307 | 2.25 | 1350 | 2.51 | 1434 | 3.05 | 1517 | 3.61 | 1598 | 4.20 | 1677 | 4.80 |
| 6027 | 2600 | 1220 | 1.67 | 1260 | 1.89 | 1301 | 2.12 | 1341 | 2.37 | 1381 | 2.63 | 1421 | 2.90 | 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 | 1568 | 3.93 | 1641 | 4.55 | 1713 | 5.20 | 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 | 5.10 | 1776 | 5.78 | 1843 | 6.48 |
| 7418 | 3200 | 1485 | 2.98 | 1517 | 3.24 | 1550 | 3.51 | 1583 | 3.80 | 1616 | 4.09 | 1648 | 4.40 | 1714 | 5.04 | 1778 | 5.71 | 1842 | 6.42 | 1906 | 7.14 |
| 7881 | 3400 | 1573 | 3.54 | 1604 | 3.82 | 1635 | 4.10 | 1666 | 4.40 | 1697 | 4.71 | 1727 | 5.02 | 1789 | 5.69 | 1850 | 6.39 | 1911 | 7.12 | 1971 | 7.87 |

| VOL. CFM | OUTLET VEL. FPM | 4 S.P. | | 4.5 S.P. | | 5 S.P. | | 5.5 S.P. | | 6 S.P. | | 6.5 S.P. | | 7 S.P. | | 7.5 S.P. | | 8 S.P. | | 8.5 S.P. | |
|----------|-----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|
| | | 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 | 7.70 | — | — | — | — | — | — | — | — | — | — |
| 5563 | 2400 | 1754 | 5.42 | 1829 | 6.06 | 1902 | 6.70 | 1974 | 7.36 | 2044 | 8.03 | 2113 | 8.71 | 2180 | 9.40 | — | — | — | — | — | — |
| 6027 | 2600 | 1801 | 5.97 | 1873 | 6.63 | 1943 | 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 | 10.20 | 2222 | 10.99 | 2282 | 11.78 | 2341 | 12.58 | 2399 | 13.39 | — | — |
| 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 | 2261 | 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 | 11.20 | 2270 | 12.07 | 2322 | 12.95 | 2375 | 13.85 | 2426 | 14.76 | — | — | — | — | — | — | — | — |
| 9272 | 4000 | 2232 | 11.32 | 2284 | 12.20 | 2335 | 13.09 | 2385 | 14.00 | — | — | — | — | — | — | — | — | — | — | — | — |
| 9736 | 4200 | 2304 | 12.37 | 2353 | 13.27 | 2402 | 14.19 | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 10199 | 4400 | 2377 | 13.50 | 2424 | 14.43 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

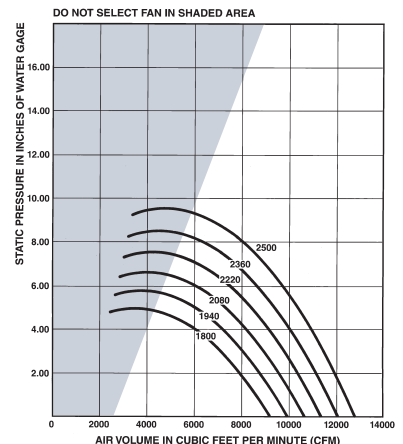
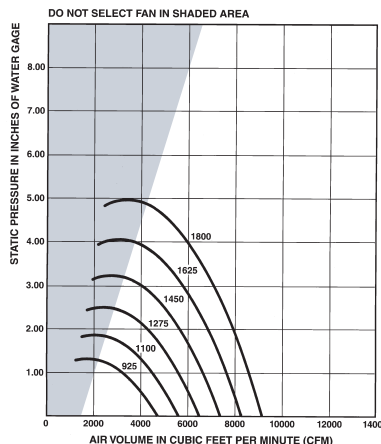
Performance certified is for installation type B—free inlet, ducted outlet.

Power Rating (BHP) does not include transmission losses.

Performance ratings do not include the effects of appurtenances (accessories).

Data in **bold** face indicates quietest and most efficient performance.

- Class I Blowers
- Class II Blowers



PEERLESS BLOWERS ULTRAFAN-PAK 2000 PERFORMANCE TABLES

B-222

TIP SPEED (FPM) = 5.825 x RPM

OUTLET { 2.827 Sq. Ft. Inside
24" x 17³/₈" Outside

MAX. HP = 1.8739 $\left(\frac{\text{RPM}}{1000}\right)^3$

WHEEL DIAMETER—22¹/₄"

INLET { 3.015 Sq. Ft. Inside
23⁷/₈" Dia. Outside

MAX. RPM
CL.1 1661
CL.2 2166

| VOL. CFM | OUTLET VEL. FPM | .25 S.P. | | .5 S.P. | | .75 S.P. | | 1 S.P. | | 1.25 S.P. | | 1.5 S.P. | | 2 S.P. | | 2.5 S.P. | | 3 S.P. | | 3.5 S.P. | |
|----------|-----------------|----------|------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | | 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 | 0.30 | 645 | 0.45 | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2827 | 1000 | 486 | 0.21 | 574 | 0.35 | 659 | 0.50 | 741 | 0.67 | — | — | — | — | — | — | — | — | — | — | — | — |
| 3110 | 1100 | 517 | 0.25 | 598 | 0.39 | 677 | 0.56 | 753 | 0.73 | 827 | 0.93 | — | — | — | — | — | — | — | — | — | — |
| 3392 | 1200 | 550 | 0.30 | 624 | 0.45 | 697 | 0.62 | 768 | 0.80 | 838 | 1.00 | 905 | 1.22 | — | — | — | — | — | — | — | — |
| 3675 | 1300 | 584 | 0.36 | 653 | 0.51 | 720 | 0.69 | 787 | 0.88 | 852 | 1.09 | 916 | 1.30 | — | — | — | — | — | — | — | — |
| 3958 | 1400 | 619 | 0.42 | 683 | 0.59 | 746 | 0.77 | 808 | 0.97 | 870 | 1.18 | 930 | 1.40 | 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 | 1.40 | 961 | 1.64 | 1009 | 1.89 | 1105 | 2.43 | 1199 | 3.00 | 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 | 1.00 | 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 | 1.60 | 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 | 5.40 |
| 6785 | 2400 | 989 | 1.61 | 1027 | 1.87 | 1064 | 2.14 | 1101 | 2.41 | 1138 | 2.70 | 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 | 4.80 | 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 | 5.40 | 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 | 3.90 | 1353 | 4.24 | 1381 | 4.59 | 1409 | 4.94 | 1437 | 5.30 | 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 |

| VOL. CFM | OUTLET VEL. FPM | 4 S.P. | | 4.5 S.P. | | 5 S.P. | | 5.5 S.P. | | 6 S.P. | | 6.5 S.P. | | 7 S.P. | | 7.5 S.P. | | 8 S.P. | | 8.5 S.P. | |
|----------|-----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|----------|-----|
| | | 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 | 10.30 | 1860 | 11.21 | 1919 | 12.15 | 1978 | 13.11 | 2036 | 14.10 | 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 | 11.10 | 1877 | 12.04 | 1931 | 13.00 | 1984 | 13.99 | 2037 | 15.00 | 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 | 15.30 | 2068 | 16.34 | 2114 | 17.40 | 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 | 14.80 | 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 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

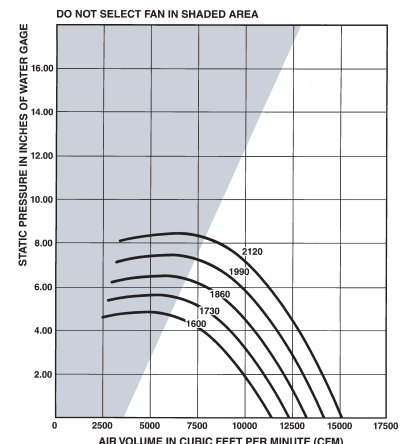
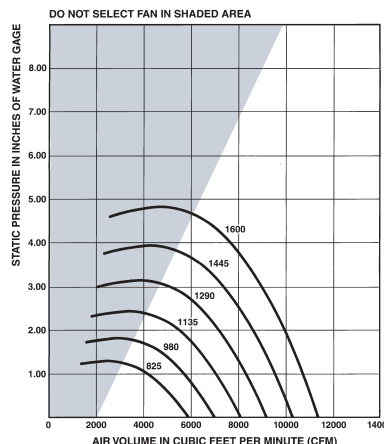
Performance certified is for installation type B—free inlet, ducted outlet.

Power Rating (BHP) does not include transmission losses.

Performance ratings do not include the effects of appurtenances (accessories).

Data in **bold** face indicates quietest and most efficient performance.

- Class I Blowers
- Class II Blowers



PEERLESS BLOWERS 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 $\left(\frac{\text{RPM}}{1000}\right)^3$

WHEEL DIAMETER — 24 1/2"

INLET 3.650 Sq. Ft. Inside
26 3/8" Dia. Outside

MAX. RPM
CL.1 1508
CL.2 1967

| VOL. CFM | OUTLET VEL. FPM | .25 S.P. | | .5 S.P. | | .75 S.P. | | 1 S.P. | | 1.25 S.P. | | 1.5 S.P. | | 2 S.P. | | 2.5 S.P. | | 3 S.P. | | 3.5 S.P. | |
|----------|-----------------|----------|------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | | 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 | 0.90 | 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 | 1.30 | 810 | 1.57 | 862 | 1.85 | 962 | 2.45 | — | — | — | — | — | — |
| 5533 | 1600 | 632 | 0.71 | 682 | 0.93 | 732 | 1.17 | 781 | 1.43 | 831 | 1.70 | 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 | 1.90 | 901 | 2.20 | 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 | 4.90 | 1274 | 5.72 |
| 7262 | 2100 | 802 | 1.41 | 840 | 1.68 | 878 | 1.98 | 916 | 2.28 | 954 | 2.60 | 992 | 2.93 | 1067 | 3.63 | 1142 | 4.37 | 1215 | 5.17 | 1287 | 6.00 |
| 7608 | 2200 | 836 | 1.59 | 873 | 1.88 | 909 | 2.18 | 946 | 2.50 | 982 | 2.82 | 1018 | 3.16 | 1090 | 3.88 | 1162 | 4.64 | 1232 | 5.45 | 1302 | 6.30 |
| 7953 | 2300 | 871 | 1.79 | 906 | 2.09 | 941 | 2.40 | 975 | 2.73 | 1010 | 3.06 | 1045 | 3.41 | 1114 | 4.15 | 1183 | 4.92 | 1251 | 5.75 | 1318 | 6.61 |
| 8299 | 2400 | 906 | 2.00 | 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 | 3.90 | 1130 | 4.28 | 1191 | 5.07 | 1253 | 5.90 | 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 | 3.70 | 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 | 9.40 |
| 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 | 10.40 |
| 11757 | 3400 | 1259 | 5.26 | 1283 | 5.69 | 1307 | 6.13 | 1330 | 6.58 | 1354 | 7.04 | 1377 | 7.50 | 1425 | 8.45 | 1472 | 9.43 | 1519 | 10.45 | 1566 | 11.50 |
| 12449 | 3600 | 1331 | 6.20 | 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 | 12.70 |
| 13140 | 3800 | 1402 | 7.23 | 1423 | 7.71 | 1445 | 8.20 | 1466 | 8.69 | 1487 | 9.19 | 1508 | 9.70 | 1550 | 10.74 | 1592 | 11.80 | 1634 | 12.90 | 1676 | 14.02 |

| VOL. CFM | OUTLET VEL. FPM | 4 S.P. | | 4.5 S.P. | | 5 S.P. | | 5.5 S.P. | | 6 S.P. | | 6.5 S.P. | | 7 S.P. | | 7.5 S.P. | | 8 S.P. | | 8.5 S.P. | |
|----------|-----------------|-------------|-------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|----------|-----|
| | | 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 | 20.90 | — | — |
| 11757 | 3400 | 1612 | 12.57 | 1659 | 13.69 | 1705 | 14.83 | 1752 | 16.00 | 1798 | 17.20 | 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 | 18.80 | 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 | 19.50 | 1908 | 20.78 | 1946 | 22.09 | — | — | — | — | — | — | — | — | — | — | — | — |
| 15215 | 4400 | 1891 | 19.96 | 1927 | 21.26 | 1963 | 22.58 | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 15907 | 4600 | 1951 | 21.82 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

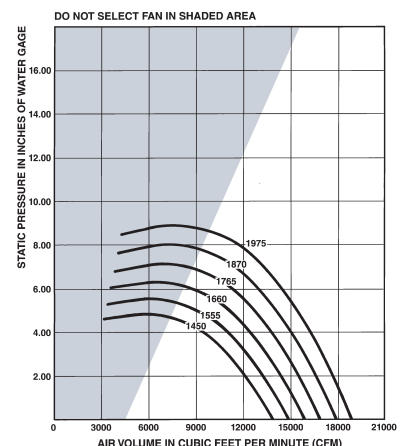
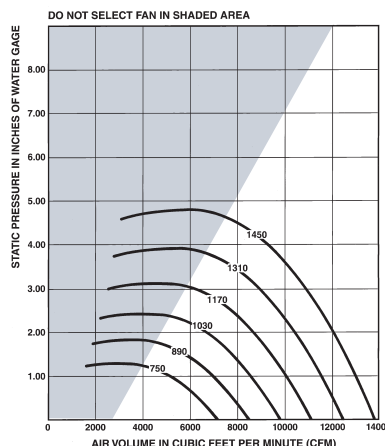
Performance certified is for installation type B-free inlet, ducted outlet.

Power Rating (BHP) does not include transmission losses.

Performance ratings do not include the effects of appurtenances (accessories).

Data in **bold** face indicates quietest and most efficient performance.

- Class I Blowers
- Class II Blowers



PEERLESS BLOWERS ULTRAFAN-PAK 2000 PERFORMANCE TABLES

B-270

TIP SPEED (FPM) = 7.069 x RPM

OUTLET 4.19 Sq. Ft. Inside
29" x 21 1/4" Outside

MAX. HP = 3.15 $\left(\frac{\text{RPM}}{1000}\right)^3$

WHEEL DIAMETER—27"

INLET 4.430 Sq. Ft. Inside
29" Dia. Outside

MAX. RPM
CL.1 1453
CL.2 1893

| VOL. CFM | OUTLET VEL. FPM | .25 S.P. | | .38 S.P. | | .50 S.P. | | .63 S.P. | | .75 S.P. | | .88 S.P. | | 1 S.P. | | 1.25 S.P. | | 1.5 S.P. | | 1.75 S.P. | | 2 S.P. | | 2.5 S.P. | |
|----------|-----------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|-------------|-------------|
| | | 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 | 458 | 0.30 | 490 | 0.38 | 524 | 0.46 | 555 | 0.54 | 587 | 0.63 | 617 | 0.72 | — | — | — | — | — | — | — | — | — | — |
| 3771 | 900 | 456 | 0.28 | 490 | 0.36 | 520 | 0.44 | 551 | 0.53 | 579 | 0.62 | 609 | 0.72 | 636 | 0.81 | 690 | 1.02 | — | — | — | — | — | — | — | — |
| 4190 | 1000 | 492 | 0.34 | 524 | 0.43 | 551 | 0.52 | 580 | 0.62 | 606 | 0.71 | 634 | 0.81 | 659 | 0.91 | 709 | 1.13 | 759 | 1.35 | — | — | — | — | — | — |
| 4609 | 1100 | 530 | 0.42 | 559 | 0.51 | 585 | 0.61 | 612 | 0.71 | 636 | 0.81 | 661 | 0.92 | 685 | 1.02 | 732 | 1.25 | 778 | 1.49 | 823 | 1.73 | — | — | — | — |
| 5028 | 1200 | 568 | 0.50 | 595 | 0.61 | 619 | 0.71 | 644 | 0.82 | 667 | 0.92 | 691 | 1.04 | 713 | 1.15 | 757 | 1.39 | 801 | 1.64 | 843 | 1.89 | 884 | 2.16 | 965 | 2.72 |
| 5447 | 1300 | 606 | 0.60 | 632 | 0.71 | 655 | 0.82 | 679 | 0.94 | 700 | 1.05 | 723 | 1.17 | 743 | 1.29 | 785 | 1.54 | 826 | 1.80 | 866 | 2.07 | — | — | — | — |
| 5866 | 1400 | 645 | 0.71 | 670 | 0.83 | 691 | 0.95 | 714 | 1.07 | 734 | 1.19 | 756 | 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 | 708 | 0.97 | 728 | 1.09 | 750 | 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 | 746 | 1.12 | 766 | 1.25 | 786 | 1.39 | 805 | 1.52 | 824 | 1.66 | 842 | 1.80 | 878 | 2.09 | 913 | 2.38 | 947 | 2.69 | 981 | 3.00 | 1046 | 3.65 |
| 7123 | 1700 | 764 | 1.14 | 785 | 1.29 | 804 | 1.42 | 823 | 1.57 | 841 | 1.71 | 860 | 1.86 | 877 | 2.00 | 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 | 861 | 1.77 | 878 | 1.92 | 896 | 2.08 | 912 | 2.23 | 945 | 2.54 | 977 | 2.87 | 1009 | 3.20 | 1039 | 3.53 | 1099 | 4.23 |
| 7961 | 1900 | 845 | 1.51 | 864 | 1.68 | 881 | 1.83 | 899 | 1.99 | 915 | 2.15 | 933 | 2.31 | 948 | 2.47 | 980 | 2.80 | 1011 | 3.14 | 1041 | 3.48 | 1070 | 3.83 | 1128 | 4.55 |
| 8380 | 2000 | 885 | 1.73 | 904 | 1.90 | 920 | 2.06 | 937 | 2.23 | 953 | 2.39 | 970 | 2.57 | 985 | 2.73 | 1015 | 3.08 | 1045 | 3.43 | 1074 | 3.78 | 1103 | 4.15 | 1158 | 4.89 |
| 9218 | 2200 | 967 | 2.23 | 984 | 2.42 | 999 | 2.59 | 1015 | 2.78 | 1030 | 2.96 | 1045 | 3.15 | 1059 | 3.32 | 1088 | 3.70 | 1115 | 4.08 | 1143 | 4.46 | 1169 | 4.85 | 1221 | 5.65 |
| 10056 | 2400 | 1049 | 2.82 | 1065 | 3.02 | 1079 | 3.21 | 1094 | 3.42 | 1107 | 3.61 | 1122 | 3.82 | 1135 | 4.01 | 1162 | 4.41 | 1188 | 4.82 | 1213 | 5.23 | 1238 | 5.65 | 1287 | 6.50 |
| 10894 | 2600 | 1131 | 3.51 | 1146 | 3.73 | 1159 | 3.94 | 1173 | 4.16 | 1186 | 4.36 | 1200 | 4.59 | 1212 | 4.80 | 1237 | 5.23 | 1262 | 5.67 | 1286 | 6.11 | 1309 | 6.56 | 1355 | 7.47 |
| 11732 | 2800 | 1214 | 4.31 | 1228 | 4.55 | 1240 | 4.77 | 1253 | 5.01 | 1265 | 5.23 | 1278 | 5.47 | 1290 | 5.69 | 1314 | 6.16 | 1337 | 6.63 | 1360 | 7.10 | 1382 | 7.58 | 1426 | 8.54 |
| 12570 | 3000 | 1297 | 5.23 | 1310 | 5.48 | 1322 | 5.72 | 1334 | 5.98 | 1346 | 6.21 | 1358 | 6.47 | 1369 | 6.71 | 1391 | 7.20 | 1413 | 7.70 | 1435 | 8.21 | 1456 | 8.71 | 1498 | 9.74 |
| 13408 | 3200 | 1380 | 6.27 | 1392 | 6.54 | 1403 | 6.80 | 1415 | 7.07 | 1426 | 7.32 | 1438 | 7.60 | 1448 | 7.85 | 1470 | 8.38 | 1491 | 8.91 | 1511 | 9.44 | 1531 | 9.98 | 1571 | 11.06 |
| 14246 | 3400 | 1463 | 7.45 | 1475 | 7.74 | 1485 | 8.01 | 1497 | 8.30 | 1507 | 8.57 | 1518 | 8.86 | 1528 | 9.13 | 1548 | 9.69 | 1568 | 10.25 | 1588 | 10.81 | 1607 | 11.38 | 1645 | 12.53 |
| 15084 | 3600 | 1547 | 8.77 | 1558 | 9.08 | 1568 | 9.36 | 1579 | 9.67 | 1588 | 9.95 | 1599 | 10.26 | 1608 | 10.55 | 1628 | 11.14 | 1647 | 11.73 | 1666 | 12.33 | 1684 | 12.93 | 1721 | 14.13 |
| 15922 | 3800 | 1630 | 10.25 | 1641 | 10.57 | 1650 | 10.87 | 1661 | 11.19 | 1670 | 11.49 | 1680 | 11.82 | 1689 | 12.12 | 1708 | 12.74 | 1726 | 13.37 | 1744 | 14.00 | 1762 | 14.63 | 1797 | 15.89 |
| 16760 | 4000 | 1714 | 11.88 | 1724 | 12.22 | 1733 | 12.54 | 1743 | 12.88 | 1752 | 13.19 | 1761 | 13.54 | 1770 | 13.85 | 1788 | 14.51 | 1806 | 15.17 | 1823 | 15.83 | 1840 | 16.49 | 1874 | 17.82 |

| VOL. CFM | OUTLET VEL. FPM | 3 S.P. | | 3.5 S.P. | | 4 S.P. | | 4.5 S.P. | | 5 S.P. | | 5.5 S.P. | | 6 S.P. | | 6.5 S.P. | | 7 S.P. | | 7.5 S.P. | | 8 S.P. | | 8.5 S.P. | |
|----------|-----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|
| | | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| 5447 | 1300 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 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 | 7.72 | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 7542 | 1800 | 1158 | 4.96 | 1215 | 5.71 | 1271 | 6.49 | 1327 | 7.29 | 1381 | 8.12 | 1434 | 8.97 | — | — | — | — | — | — | — | — | — | — | — | — |
| 7961 | 1900 | 1185 | 5.30 | 1240 | 6.08 | 1294 | 6.88 | 1347 | 7.70 | 1399 | 8.55 | 1450 | 9.43 | 1501 | 10.32 | — | — | — | — | — | — | — | — | — | — |
| 8380 | 2000 | 1212 | 5.67 | 1265 | 6.46 | 1317 | 7.29 | 1369 | 8.14 | 1419 | 9.01 | 1469 | 9.90 | 1517 | 10.82 | 1566 | 11.76 | — | — | — | — | — | — | — | — |
| 9218 | 2200 | 1272 | 6.47 | 1321 | 7.32 | 1369 | 8.19 | 1417 | 9.08 | 1464 | 10.00 | 1510 | 10.93 | 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 | 14.10 | 1686 | 15.15 | 1728 | 16.21 | 1769 | 17.29 | 1810 | 18.39 |
| 10894 | 2600 | 1400 | 8.39 | 1444 | 9.34 | 1487 | 10.31 | 1529 | 11.30 | 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 | 20.37 | 1893 | 21.56 |
| 12570 | 3000 | 1538 | 10.78 | 1577 | 11.83 | 1616 | 12.91 | 1654 | 14.00 | 1691 | 15.11 | 1728 | 16.23 | 1765 | 17.37 | 1801 | 18.54 | 1836 | 19.72 | 1872 | 20.91 | — | — | — | — |
| 13408 | 3200 | 1609 | 12.16 | 1647 | 13.27 | 1684 | 14.40 | 1720 | 15.54 | 1756 | 16.71 | 1791 | 17.88 | 1825 | 19.08 | 1860 | 20.29 | — | — | — | — | — | — | — | — |
| 14246 | 3400 | 1682 | 13.68 | 1718 | 14.85 | 1753 | 16.04 | 1788 | 17.24 | 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 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

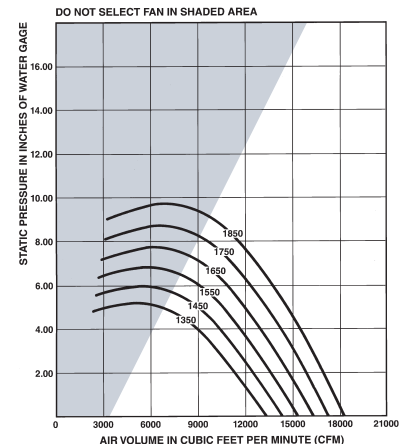
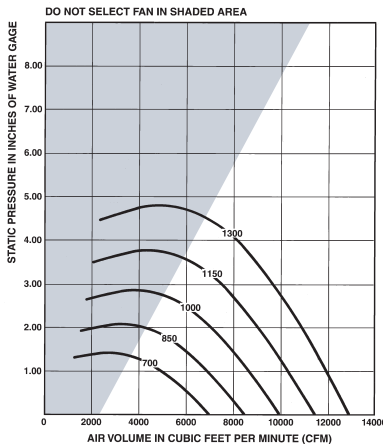
Performance certified is for installation type B-free inlet, ducted outlet.

Power Rating (BHP) does not include transmission losses.

Performance ratings do not include the effects of appurtenances (accessories).

Data in **bold** face indicates quietest and most efficient performance.

- Class I Blowers
- Class II Blowers



PEERLESS BLOWERS ULTRAFAN-PAK 2000 PERFORMANCE TABLES

B-300

TIP SPEED (FPM) = 7.854 x RPM

OUTLET 5.17 Sq. Ft. Inside
33 1/4" x 23 3/8" Outside

MAX. HP = 5.33 $\left(\frac{RPM}{1000}\right)^3$

WHEEL DIAMETER—30"

INLET 5.469 Sq. Ft. Inside
32 1/4" Dia. Outside

MAX. RPM
CL.1 1308
CL.2 1703

| VOL. CFM | OUTLET VEL. FPM | .25 S.P. | | .38 S.P. | | .50 S.P. | | .63 S.P. | | .75 S.P. | | .88 S.P. | | 1 S.P. | | 1.25 S.P. | | 1.5 S.P. | | 1.75 S.P. | | 2 S.P. | | 2.5 S.P. | |
|----------|-----------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|
| | | 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 | 412 | 0.37 | 441 | 0.46 | 472 | 0.57 | 499 | 0.67 | 529 | 0.78 | 555 | 0.89 | — | — | — | — | — | — | — | — | — | — |
| 4653 | 900 | 410 | 0.34 | 441 | 0.45 | 468 | 0.54 | 496 | 0.66 | 521 | 0.76 | 548 | 0.89 | 572 | 1.00 | 621 | 1.25 | — | — | — | — | — | — | — | — |
| 5170 | 1000 | 443 | 0.42 | 471 | 0.53 | 496 | 0.64 | 522 | 0.76 | 545 | 0.87 | 570 | 1.00 | 593 | 1.12 | 638 | 1.39 | 683 | 1.67 | — | — | — | — | — | — |
| 5687 | 1100 | 476 | 0.51 | 503 | 0.63 | 526 | 0.75 | 550 | 0.88 | 572 | 1.00 | 595 | 1.13 | 616 | 1.26 | 659 | 1.54 | 700 | 1.83 | 741 | 2.14 | 780 | 2.46 | — | — |
| 6204 | 1200 | 511 | 0.62 | 535 | 0.75 | 557 | 0.87 | 580 | 1.01 | 600 | 1.14 | 622 | 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 | 0.88 | 589 | 1.01 | 611 | 1.16 | 630 | 1.29 | 650 | 1.45 | 669 | 1.59 | 706 | 1.90 | 743 | 2.22 | 779 | 2.55 | — | — | — | — |
| 7238 | 1400 | 580 | 0.88 | 602 | 1.03 | 622 | 1.17 | 642 | 1.32 | 660 | 1.47 | 680 | 1.63 | 697 | 1.78 | 733 | 2.10 | 768 | 2.44 | 802 | 2.78 | 835 | 3.14 | 900 | 3.89 |
| 7755 | 1500 | 616 | 1.03 | 637 | 1.19 | 655 | 1.34 | 674 | 1.51 | 692 | 1.66 | 710 | 1.83 | 727 | 1.99 | 761 | 2.33 | 794 | 2.68 | 826 | 3.04 | 858 | 3.41 | 920 | 4.19 |
| 8272 | 1600 | 651 | 1.21 | 671 | 1.38 | 689 | 1.54 | 707 | 1.71 | 724 | 1.87 | 742 | 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 | 1.59 | 723 | 1.75 | 741 | 1.94 | 757 | 2.11 | 773 | 2.30 | 789 | 2.47 | 820 | 2.84 | 850 | 3.23 | 879 | 3.62 | 908 | 4.02 | 965 | 4.85 |
| 9306 | 1800 | 723 | 1.63 | 742 | 1.82 | 758 | 1.99 | 775 | 2.19 | 790 | 2.37 | 806 | 2.56 | 821 | 2.75 | 850 | 3.14 | 879 | 3.53 | 907 | 3.94 | 935 | 4.36 | 989 | 5.22 |
| 9823 | 1900 | 760 | 1.87 | 777 | 2.07 | 793 | 2.25 | 809 | 2.46 | 823 | 2.65 | 839 | 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 | 813 | 2.35 | 828 | 2.54 | 843 | 2.75 | 857 | 2.95 | 872 | 3.17 | 886 | 3.37 | 913 | 3.80 | 940 | 4.23 | 966 | 4.67 | 992 | 5.12 | 1042 | 6.04 |
| 11374 | 2200 | 870 | 2.75 | 885 | 2.98 | 899 | 3.19 | 913 | 3.43 | 926 | 3.64 | 940 | 3.88 | 953 | 4.10 | 979 | 4.56 | 1004 | 5.03 | 1028 | 5.50 | 1052 | 5.98 | 1099 | 6.97 |
| 12408 | 2400 | 943 | 3.47 | 958 | 3.73 | 970 | 3.96 | 984 | 4.21 | 996 | 4.45 | 1009 | 4.71 | 1021 | 4.94 | 1045 | 5.44 | 1069 | 5.95 | 1092 | 6.46 | 1114 | 6.97 | 1158 | 8.02 |
| 13442 | 2600 | 1017 | 4.33 | 1031 | 4.60 | 1043 | 4.85 | 1056 | 5.13 | 1067 | 5.38 | 1079 | 5.66 | 1090 | 5.91 | 1113 | 6.45 | 1135 | 6.99 | 1157 | 7.54 | 1178 | 8.09 | 1219 | 9.21 |
| 14476 | 2800 | 1092 | 5.31 | 1104 | 5.61 | 1116 | 5.88 | 1126 | 6.17 | 1138 | 6.45 | 1150 | 6.74 | 1160 | 7.02 | 1182 | 7.59 | 1203 | 8.17 | 1223 | 8.75 | 1243 | 9.34 | 1283 | 10.53 |
| 15510 | 3000 | 1166 | 6.44 | 1178 | 6.76 | 1189 | 7.05 | 1200 | 7.37 | 1210 | 7.66 | 1221 | 7.98 | 1231 | 8.27 | 1252 | 8.88 | 1271 | 9.50 | 1291 | 10.12 | 1310 | 10.75 | 1347 | 12.01 |
| 16544 | 3200 | 1241 | 7.73 | 1252 | 8.07 | 1262 | 8.38 | 1273 | 8.72 | 1283 | 9.03 | 1293 | 9.37 | 1303 | 9.68 | 1322 | 10.33 | 1341 | 10.99 | 1359 | 11.64 | 1378 | 12.31 | 1413 | 13.64 |
| 17578 | 3400 | 1316 | 9.18 | 1327 | 9.54 | 1336 | 9.87 | 1346 | 10.23 | 1356 | 10.56 | 1366 | 10.92 | 1375 | 11.25 | 1393 | 11.94 | 1411 | 12.64 | 1429 | 13.34 | 1446 | 14.03 | 1480 | 15.45 |
| 18612 | 3600 | 1391 | 10.81 | 1401 | 11.19 | 1410 | 11.54 | 1420 | 11.92 | 1429 | 12.27 | 1438 | 12.65 | 1447 | 13.00 | 1464 | 13.73 | 1482 | 14.47 | 1499 | 15.20 | 1515 | 15.94 | 1548 | 17.43 |
| 19646 | 3800 | 1466 | 12.63 | 1476 | 13.03 | 1485 | 13.40 | 1494 | 13.80 | 1502 | 14.17 | 1511 | 14.57 | 1519 | 14.94 | 1536 | 15.71 | 1553 | 16.48 | 1569 | 17.26 | 1585 | 18.04 | 1616 | 19.60 |
| 20680 | 4000 | 1542 | 14.64 | 1551 | 15.06 | 1559 | 15.45 | 1568 | 15.87 | 1576 | 16.26 | 1584 | 16.68 | 1592 | 17.07 | 1609 | 17.89 | 1624 | 18.70 | 1640 | 19.51 | 1655 | 20.33 | 1685 | 21.97 |
| 21714 | 4200 | 1617 | 16.86 | 1626 | 17.30 | 1634 | 17.71 | 1642 | 18.16 | 1650 | 18.57 | 1658 | 19.01 | 1666 | 19.41 | 1681 | 20.27 | 1696 | 21.12 | — | — | — | — | — | — |

| VOL. CFM | OUTLET VEL. FPM | 3 S.P. | | 3.5 S.P. | | 4 S.P. | | 4.5 S.P. | | 5 S.P. | | 5.5 S.P. | | 6 S.P. | | 6.5 S.P. | | 7 S.P. | | 7.5 S.P. | | 8 S.P. | | 8.5 S.P. | |
|----------|-----------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|
| | | 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 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 7755 | 1500 | 980 | 5.00 | 1025 | 5.50 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 8272 | 1600 | 999 | 5.35 | 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 | 11.07 | — | — | — | — | — | — | — | — | — | — | — | — |
| 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 | 12.23 | 1359 | 13.49 | 1400 | 14.67 | 1441 | 15.88 | 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 | 1593 | 21.77 | 1629 | 23.15 | 1663 | 24.56 |
| 14476 | 2800 | 1321 | 11.75 | 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 | 21.18 | 1677 | 22.76 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

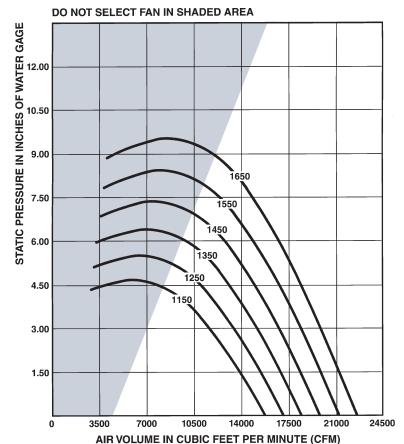
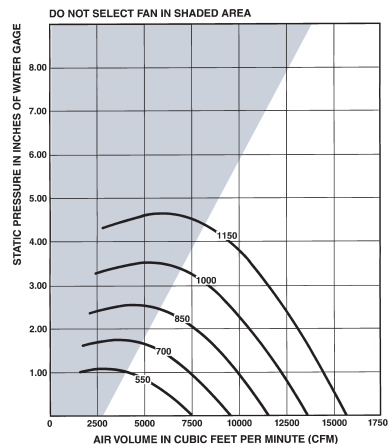
Performance certified for installation type B-free inlet, ducted outlet.

Power Rating (BHP) does not include transmission losses.

Performance ratings do not include the effects of appurtenances (accessories).

Data in **bold** face indicates quietest and most efficient performance.

- Class I Blowers
- Class II Blowers



PEERLESS BLOWERS ULTRAFAN-PAK 2000 PERFORMANCE TABLES

B-330

TIP SPEED (FPM) = 8.639 x RPM

OUTLET { 6.26 Sq. Ft. Inside
35³/₈" x 25⁷/₈" Outside

MAX. HP = 8.59 $\left(\frac{RPM}{1000}\right)^3$

WHEEL DIAMETER—33"

INLET { 6.618 Sq. Ft. Inside
35³/₈" Dia. Outside

MAX. RPM
CL.1 1189
CL.2 1548

| VOL. CFM | OUTLET VEL. FPM | .25 S.P. | | .38 S.P. | | .50 S.P. | | .63 S.P. | | .75 S.P. | | .88 S.P. | | 1 S.P. | | 1.25 S.P. | | 1.5 S.P. | | 1.75 S.P. | | 2 S.P. | | 2.5 S.P. | |
|----------|-----------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|
| | | 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 | 554 | 1.39 | 573 | 1.57 | 591 | 1.74 | 608 | 1.92 | 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 | 3.25 | 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 | 2.42 | 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 | 5.53 | 913 | 6.09 | 935 | 6.67 | 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 | 7.81 | 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 | 1203 | 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 | 14.87 | 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 | 17.17 | 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 | 20.20 | 1448 | 20.70 | 1463 | 21.68 | 1478 | 22.66 | 1492 | 23.65 | 1506 | 24.64 | 1533 | 26.62 |

| VOL. CFM | OUTLET VEL. FPM | 3 S.P. | | 3.5 S.P. | | 4 S.P. | | 4.5 S.P. | | 5 S.P. | | 5.5 S.P. | | 6 S.P. | | 6.5 S.P. | | 7 S.P. | | 7.5 S.P. | | 8 S.P. | | 8.5 S.P. | |
|----------|-----------------|------------|-------------|------------|-------------|-------------|-------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|
| | | 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 | 1310 | 19.23 | 1347 | 20.73 | 1383 | 22.25 | 1419 | 23.80 |
| 13772 | 2200 | 1040 | 9.67 | 1081 | 10.93 | 1120 | 12.23 | 1159 | 13.57 | 1198 | 14.94 | 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 |
| 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 |
| 17528 | 2800 | 1201 | 14.23 | 1235 | 15.73 | 1268 | 17.25 | 1301 | 18.80 | 1333 | 20.33 | 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 | 27.69 | 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 | 22.94 | 1465 | 24.77 | 1493 | 26.63 | 1520 | 28.50 | 1547 | 30.40 | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 23788 | 3800 | 1498 | 25.66 | 1525 | 27.58 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

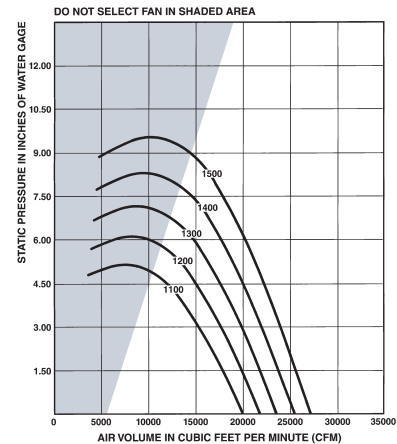
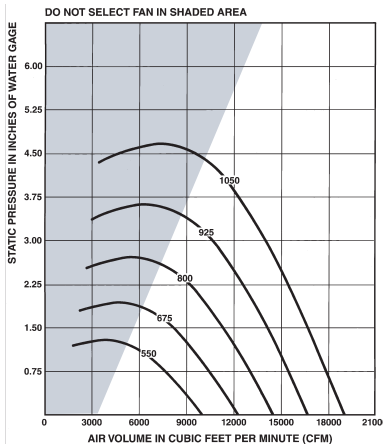
Performance certified is for installation type B—free inlet, ducted outlet.

Power Rating (BHP) does not include transmission losses.

Performance ratings do not include the effects of appurtenances (accessories).

Data in **bold** face indicates quietest and most efficient performance.

- Class I Blowers
- Class II Blowers



PEERLESS BLOWERS 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)³
1000

WHEEL DIAMETER — 36 1/2"

INLET { 8.11 Sq. Ft. Inside
39" Dia. Outside

MAX. RPM
CL.1 1098
CL.2 1431

| VOL. CFM | OUTLET VEL. FPM | .25 S.P. | | .38 S.P. | | .50 S.P. | | .63 S.P. | | .75 S.P. | | .88 S.P. | | 1 S.P. | | 1.25 S.P. | | 1.5 S.P. | | 1.75 S.P. | | 2 S.P. | | 2.5 S.P. | |
|----------|-----------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|
| | | 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 | 487 | 1.67 | 525 | 2.06 | — | — | — | — | — | — |
| 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 | 2.13 | 550 | 2.36 | 581 | 2.81 | 611 | 3.29 | 641 | 3.78 | 669 | 4.29 | — | — |
| 10724 | 1400 | 477 | 1.30 | 495 | 1.52 | 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 | 583 | 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 | 5.41 | 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 | 915 | 9.56 | 934 | 10.37 | 951 | 11.17 | 969 | 11.99 | 1003 | 13.65 |
| 22800 | 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 | 1029 | 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 | 13.88 | 1072 | 14.36 | 1087 | 15.32 | 1103 | 16.30 | 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 | 26.76 | 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 | 25.66 | 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 | — | — |

| VOL. CFM | OUTLET VEL. FPM | 3 S.P. | | 3.5 S.P. | | 4 S.P. | | 4.5 S.P. | | 5 S.P. | | 5.5 S.P. | | 6 S.P. | | 6.5 S.P. | | 7 S.P. | | 7.5 S.P. | | 8 S.P. | | 8.5 S.P. | |
|----------|-----------------|------------|-------------|------------|--------------|------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|
| | | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP | RPM | BHP |
| 9958 | 1300 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 10724 | 1400 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 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 | 33.01 | 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 | 36.05 | 1385 | 38.23 | 1411 | 40.45 | — | — |
| 24512 | 3200 | 1191 | 22.24 | 1218 | 24.27 | 1246 | 26.33 | 1273 | 28.42 | 1299 | 30.55 | 1325 | 32.70 | 1351 | 34.88 | 1376 | 37.09 | 1401 | 39.34 | 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 | 1355 | 31.40 | 1379 | 33.76 | 1403 | 36.13 | 1427 | 38.53 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 30640 | 4000 | 1410 | 35.03 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

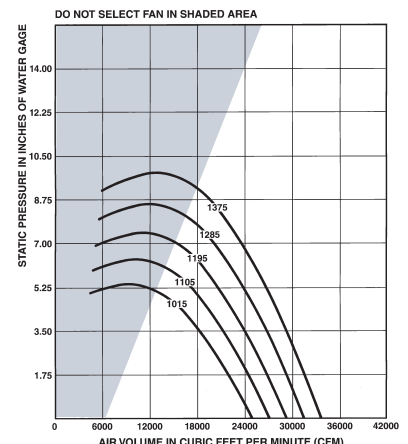
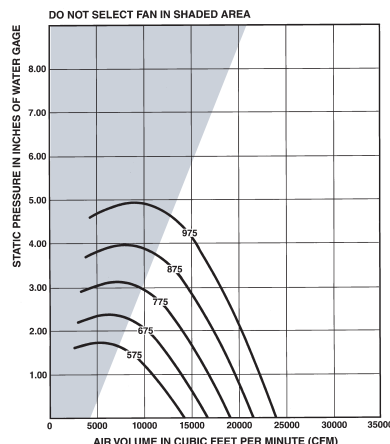
Performance certified is for installation type B-free inlet, ducted outlet.

Power Rating (BHP) does not include transmission losses.

Performance ratings do not include the effects of appurtenances (accessories).

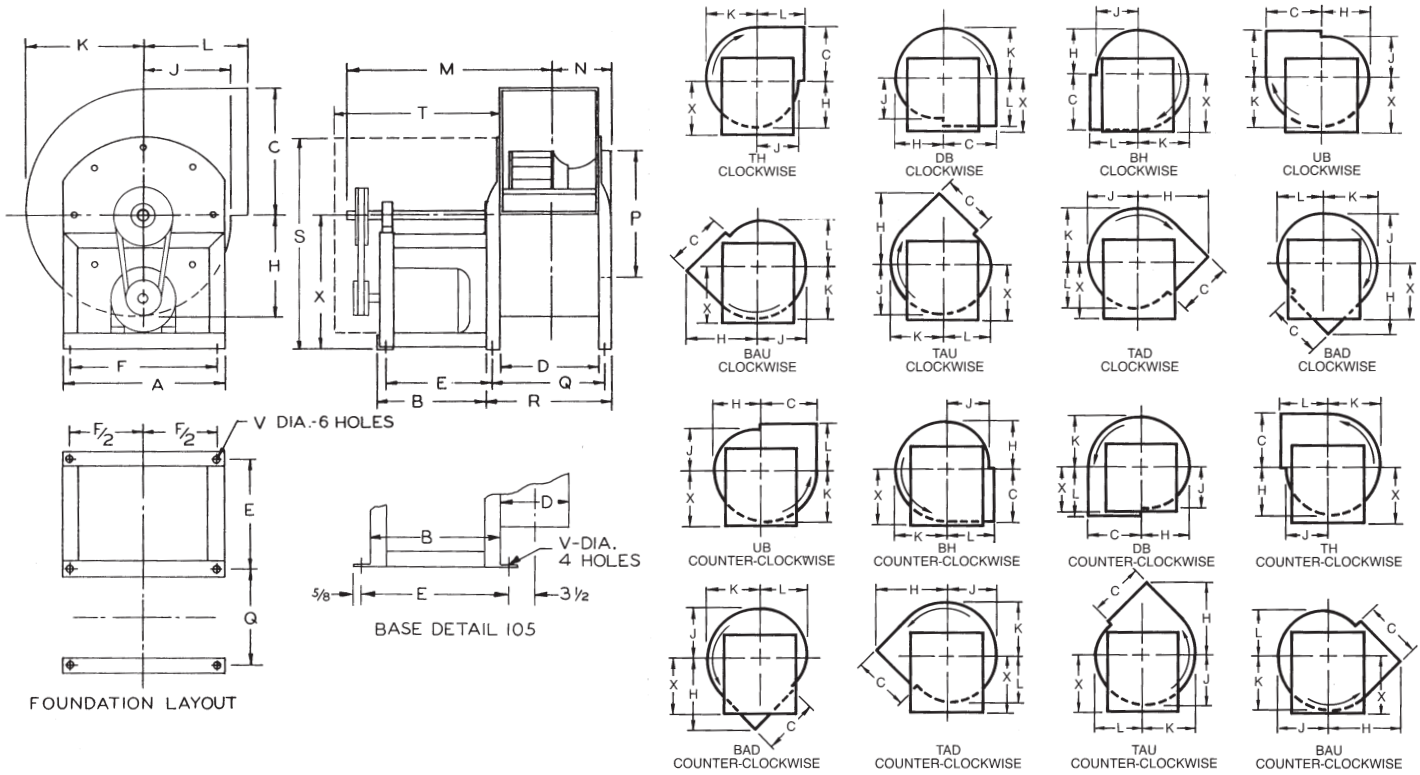
Data in **bold** face indicates quietest and most efficient performance.

- Class I Blowers
- Class II Blowers



PEERLESS BLOWERS ULTRAFAN-PAK 2000 BLOWERS

Non-Overloading Belt Drive — Arrangement #10 — SWSI — Class 1



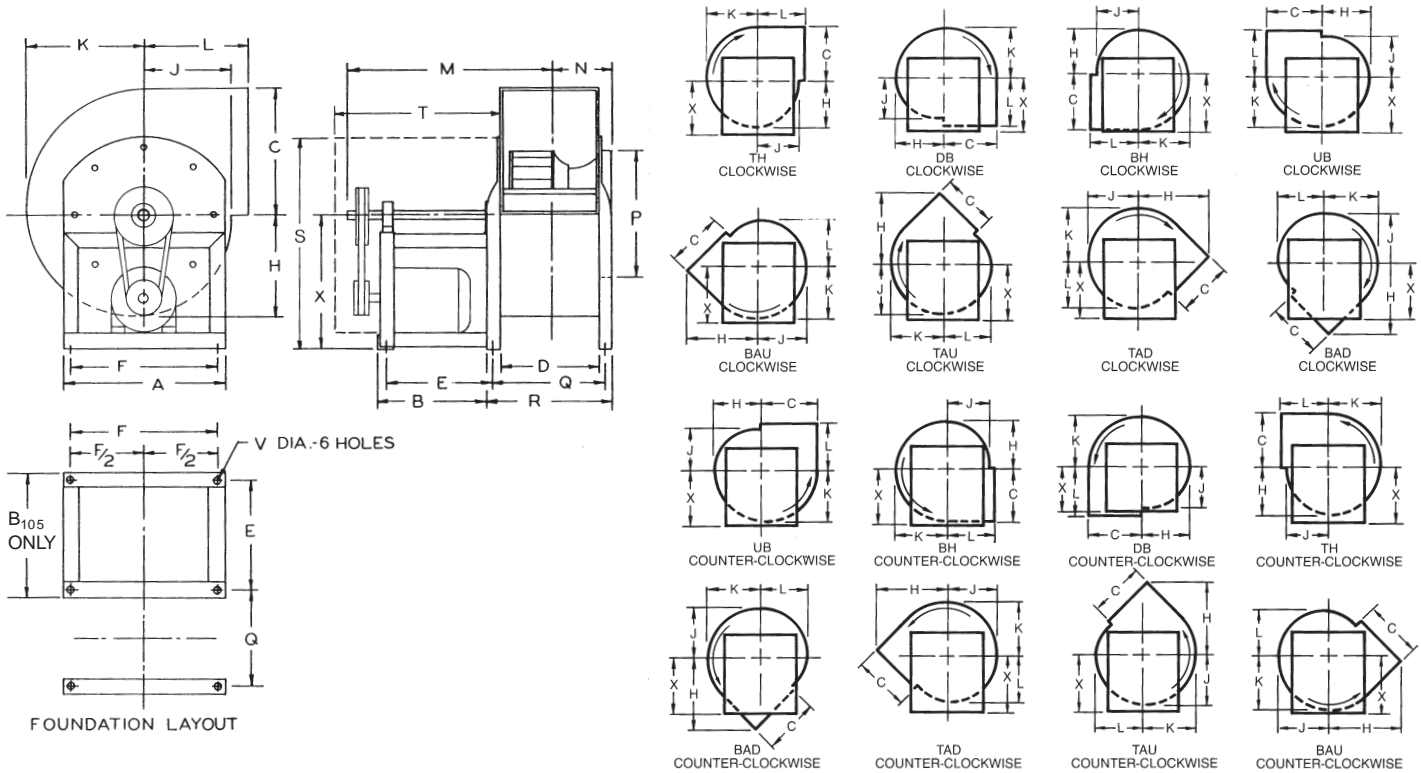
| SIZE | WHEEL DIA. | SHAFT DIA. | A | B | C* | D | E | F | TH, DB, BH, UB STRAIGHT DISCHARGE | | | | BAU, TAU, TAD, BAD ANGULAR DISCHARGE | | | | M | N | P | Q | R | S | T | V | X | MAX. MOTOR FRAME |
|------|------------|------------|--------|--------|--------|--------|--------|--------|--------------------------------------|--------|--------|--------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|------------------|
| | | | | | | | | | H | J | K | L | H | J | K | L | | | | | | | | | | |
| 105 | 10 1/2 | 3/4 | 127/8 | 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 | 127/8 | — | — | 20 1/2 | 17 | 7 1/16 | 14 | 145T |
| 122 | 12 1/4 | 1 | 163/8 | 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 | 175/8 | 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 | 213/8 | 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 dimensions.
 *"C" dimension on 105 extends 1 1/16" beyond center-line.

| 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% |
| 501-600°F 85% | |

PEERLESS BLOWERS ULTRAFAN-PAK 2000 BLOWERS

Non-Overloading Belt Drive — Arrangement #10 — SWSI — Class 2

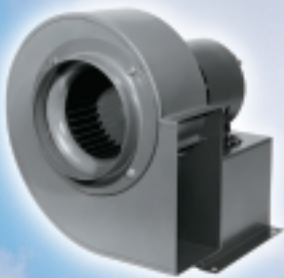


| SIZE | WHEEL DIA. | SHAFT DIA. | A | B | C* | D | E | F | TH, DB, BH, UB STRAIGHT DISCHARGE | | | | BAU, TAU, TAD, BAD ANGULAR DISCHARGE | | | | M | N | P | Q | R | S | T | V | X | MAX. MOTOR FRAME |
|------|------------|------------|--------|--------|--------|--------|--------|--------|--------------------------------------|--------|--------|--------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----|--------|------------------|
| | | | | | | | | | H | J | K | L | H | J | K | L | | | | | | | | | | |
| 105 | 10 1/2 | 1 | 16 3/8 | 15 | 11 3/4 | 8 | 13 1/2 | 14 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 | 22 3/8 | 6 | 12 7/8 | — | — | 25 1/4 | 20 | 1/2 | 17 | 182T |
| 122 | 12 1/4 | 1 3/16 | 16 3/8 | 15 1/2 | 13 1/4 | 9 5/8 | 15 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 | 25 3/8 | 6 3/8 | 13 1/4 | 11 1/4 | 12 3/4 | 25 1/4 | 22 | 1/2 | 17 | 184T |
| 135 | 13 1/2 | 1 3/16 | 17 5/8 | 15 1/2 | 14 5/8 | 10 3/4 | 15 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 | 25 7/8 | 7 | 14 1/2 | 12 3/8 | 13 7/8 | 25 7/8 | 22 | 1/2 | 17 | 184T |
| 150 | 15 | 1 3/16 | 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 | 27 | 7 1/2 | 16 1/8 | 13 3/8 | 14 7/8 | 27 5/8 | 22 | 1/2 | 17 7/8 | 213T |
| 165 | 16 1/2 | 1 3/16 | 21 3/8 | 21 | 17 3/4 | 13 | 21 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 | 34 1/8 | 8 1/2 | 17 7/8 | 14 1/2 | 17 | 30 1/8 | 29 | 1/2 | 19 1/2 | 254T |
| 182 | 18 1/4 | 1 7/16 | 23 1/8 | 21 | 19 5/8 | 14 1/4 | 21 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 | 34 3/4 | 9 1/8 | 19 5/8 | 15 3/4 | 18 1/4 | 33 3/8 | 29 | 1/2 | 21 7/8 | 254T |
| 200 | 20 | 1 7/16 | 25 | 21 | 21 1/2 | 15 7/8 | 21 | 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 | 35 5/8 | 10 | 21 1/2 | 17 7/8 | 20 1/8 | 36 1/4 | 29 | 1/2 | 23 3/4 | 254T |
| 222 | 22 1/4 | 1 11/16 | 27 3/8 | 22 1/2 | 24 | 17 3/8 | 23 | 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 | 38 3/8 | 10 5/8 | 23 7/8 | 19 3/8 | 22 5/8 | 39 3/4 | 31 1/2 | 1/2 | 26 1/8 | 256T |
| 245 | 24 1/2 | 1 11/16 | 30 1/4 | 22 1/2 | 26 1/4 | 19 1/4 | 22 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 | 40 1/2 | 11 3/4 | 26 3/8 | 21 1/4 | 24 1/2 | 42 7/8 | 33 | 1/2 | 27 3/4 | 284T |
| 270 | 27 | 1 11/16 | 33 | 21 | 29 | 21 1/4 | 21 1/8 | 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 | 39 5/8 | 12 5/8 | 29 | 23 3/4 | 26 1/2 | 47 | 32 | 1/2 | 30 1/2 | 284T |
| 300 | 30 | 1 15/16 | 36 1/4 | 23 | 32 1/4 | 23 3/8 | 23 1/8 | 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 1/4 | 42 5/8 | 13 3/4 | 32 1/4 | 26 | 28 3/4 | 51 7/8 | 33 | 1/2 | 33 3/4 | 286T |
| 330 | 33 | 1 15/16 | 39 1/2 | 23 | 35 3/8 | 25 7/8 | 23 1/4 | 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 | 45 | 15 | 35 3/8 | 28 3/8 | 31 1/8 | 58 1/8 | 34 | 7/8 | 38 3/8 | 324T |
| 365 | 36 1/2 | 2 3/16 | 43 1/8 | 23 | 39 1/4 | 28 1/2 | 23 1/4 | 36 7/8 | 30 | 24 7/8 | 34 1/8 | 28 | 47 3/8 | 32 | 37 1/8 | 27 | 46 1/4 | 16 1/4 | 39 | 31 | 33 3/4 | 63 3/4 | 34 | 7/8 | 42 1/8 | 324T |

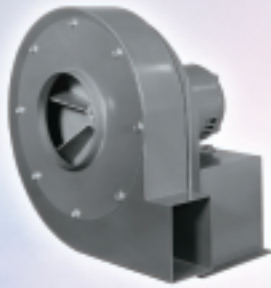
NOTE: Letters "C" and "D" are outside housing dimensions.
 *"C" dimension on 105 extends 1 1/16" beyond center-line.

PEERLESS BLOWERS... Your Clean Air Source!

Supplier of Quality Products for Industry:



Direct Drive
Fans



Pressure
Blowers



Industrial
Fans



Direct Drive
Exhaust Fans



In-Line
Centrifugal Fans



Backward Inclined
Belt Drive Blowers



Belt Drive
Propeller Fans



Powerfoil
Fans



Plug-Pak
Fans



Forward Curve
Belt Drive Fans



PEERLESS BLOWERS

One Madison Avenue, P.O. Box 187
Hot Springs, NC 28743-0187
828/622-7500 • 1-800/613-4766 • Fax: 828/622-3309

www.peerlessblowers.com

E-Mail: sales@peerlessblowers.com



Registered
to ISO 9001