Radial Blade Blowes
Direct Drive

Your Clean Air Source!

PEERLESS BLOWERS
AFFILATE OF NBD INDUSTRIES, INC.
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!
PEERLESS BLOWERS PRESSURE BLOWERS Direct Drive

APPLICATION:
Pressure blowers are generally used on industrial applications for small exhaust systems where air is laden with dust or grit and also for supplying high pressure air for conveying and cooling.

FEATURES:
Wheels
Constructed with straight radial blades of heavy cast aluminum for self cleaning feature, dynamically balanced and designed for efficient operation.

Housings
Arc-welded 16 gauge steel housings and motor bases for rigidity and long life.

Motors
Standard units are furnished with open ball bearing, rigid mounted motors of either single phase capacitor-induction type or three phase induction type. Motors can also be furnished totally enclosed or explosion proof or with special current characteristics for special applications.

Rotation and Discharge
Furnished for clockwise rotation, bottom horizontal discharge unless otherwise specified. At time of installation housings or wheels may be turned for other discharges and rotation if so desired.

Capacities
These blowers are tested in accordance with test codes adopted by AMCA and the American Society of Heating, Refrigerating and Air Conditioning Engineers.

CERTIFIED PERFORMANCE RATINGS
Peerless Electric/Madison Mfg. Co.* certifies that the “Pressure Blowes Direct Drive” Blowers shown on this page (PW series) 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.

Pressure Blowers Direct Drive Performance Data

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<th>MODEL NO.</th>
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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).
*Peerless Blowes is a trade name for Peerless Electric/Madison Mfg. Co.
PEERLESS BLOWERS RADIAL BLADE BLOWERS Direct Drive

APPLICATION:
Used on small kitchen hoods where grease filters may or may not be installed; also used where air contains dirt, lint or foreign material as wheel is self-cleaning type.

FEATURES:

General Construction
Housings and bases are 16-gauge steel with welded joints. Wheels are cast aluminum, dynamically balanced and are self cleaning to eliminate unbalance or reduced airflow. Blowers are finished with baked enamel.

Custom Features
Weather proof drive covers to cover the motor are available if unit is mounted outside. Also such extras as vibration pads, discharge dampers, acid resisting paint and other special features are available for special requirements.

Rotation and Discharge
Standard units are built for clockwise rotation and bottom horizontal discharge. However, any rotation or discharge will be furnished when so specified. Housings and wheels may be changed if desired at time of installation to any rotation or any one of eight different discharge directions.

Motors
Standard units are furnished with open ball bearing, rigid mounted motors of either single phase or three phase capacitor-induction type. Motors can also be furnished totally enclosed or explosion proof or with special characteristics for special applications.

Capacities
These blowers are tested in accordance with test codes adopted by AMCA and the American Society of Heating, Refrigerating and Air Conditioning Engineers.

CERTIFIED PERFORMANCE RATINGS
Peerless Electric/Madison Mfg. Co.* certifies that the “Radial Blade Blow- ers Direct Drive” Blowers shown on this page (KE series) 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.

Radial Blade Blowers Direct Drive Performance Data

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Performance certified is for installation type B—free inlet, ducted outlet.
Power Rating (BHP) does not include transmission losses
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Radial Blade Blowers —Dimensions

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Pressure Blowers Direct Drive Dimensions

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*“M” varies with motor frame size.
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 is an affiliate company of HBD Industries, Inc. HBD manufactures quality, application-engineered custom designed and standard industrial products serving many diverse industries and markets. Products manufactured by HBD Industries, Inc. include AC/DC/BLDC electric motors, aerospace precision components, budding strips, cemented tungsten carbide parts, closed die forgings, coated rubber fabrics, conveyor belting, drives, ducting, gear reducers, hose (automotive, aviation, hand-built, industrial, marine and petroleum), material handling products (metal separators/detectors and electromagnetic lifting equipment), power transmission belts, rubber bands, rubber roll coverings and ventilation equipment (fans and blowers). For complete details on HBD Industries, Inc. log onto www.hbdindustries.com.