

RADIAL BLADED FANS



OVERVIEW



Model RBO
Recirculation Fan for Melting Plastic

RADIAL BLADED FANS

Radial Bladed Fans provide a solution for a wide range of industrial applications. The heavy gauge, all-welded construction has earned it the reputation of being the “workhorse” of the industry — a design proven by years of service handling dirty, abrasive, sticky or bulky particulate laden airstreams. With multiple sizes and materials available there is a fan available to meet the applications needs.



Model TPB
Hospital Exhaust

WHEEL TYPES

Fabricated Paddle Wheels, Wool Wheels with Backplate & Heavy Gusseted Bulk Material Handling Wheels, Fiberglass, Cast Aluminum Radial or Backward Curved

TYPICAL INDUSTRIES

Aerospace, Agriculture, Air Pollution Control, Asphalt, Automotive, Boilers, Brick, Cement, Chemical, Coal, Composting, Ethanol, Foundry, General Manufacturing, Glass, Industrial Processes, Metal & Minerals, Mining, Nuclear, OEM, Petrochemical, Pharmaceutical, Power Generation, Pulp & Paper, Recycling, Textile, Water Treatment

COMMON ACCESSORIES

Access Door, Belt Guards, Drain, Inlet/Outlet Companion Flange, Inlet/Outlet Damper, Inlet Filter, Inlet/Outlet Flange, Inlet/Outlet Screen, Inlet/Outlet Silencer, Shaft & Bearing Guard, Shaft Seal, Split Housing, Vibration Isolation, Special Coatings, Insulated Housings

OPTIONAL CONSTRUCTION

Abrasion Resistant Construction, High Temperature Construction, Nominally Leak-Tight Construction, Spark Resistant Construction (Type A, B and C), Special Materials



Model RBO
Sawdust Mill



RBO

INDUSTRIAL RADIAL BLADE FAN, PADDLE WHEEL

- > 8.75 to 104.25 inches (225 mm to 2,650 mm) wheel diameters
- > Airflow to 141,800 CFM (240,900 m³/hour)
- > Static pressure to 46 inches w.g. (11,440 Pa)
- > AMCA licensed for Air and Fan Efficiency Grade
- > **Typical Applications:** Dust Collection, Pneumatic Conveying, Water Treatment, Explosion-Proof Processes, General HVAC, Air Pollution Control, Material Handling, High Temperature



Available For Quickship



CATALOG 902

RBR

INDUSTRIAL RADIAL BLADE FAN, PADDLE WHEEL

- > 45.13 to 85.25 inches (1,150 mm to 2,165 mm) wheel diameters
- > Airflow to 94,800 CFM (161,100 m³/hour)
- > Static pressure to 46 inches w.g. (11,440 Pa)
- > AMCA licensed for Air and Fan Efficiency Grade
- > **Typical Applications:** Dust Collection, Pneumatic Conveying, Water Treatment, Explosion-Proof Processes, General HVAC, Air Pollution Control, Material Handling, High Temperature



CATALOG 902

RBW

INDUSTRIAL RADIAL BLADE FAN, BACKPLATE WOOD WHEEL

- > 8.75 to 104.25 inches (225 mm to 2,650 mm) wheel diameters
- > Airflow to 141,800 CFM (240,900 m³/hour)
- > Static pressure to 46 inches w.g. (11,440 Pa)
- > AMCA licensed for Air and Fan Efficiency Grade
- > **Typical Applications:** Dust Collection, Pneumatic Conveying, Water Treatment, Explosion-Proof Processes, General HVAC, Air Pollution Control, Material Handling, High Temperature



CATALOG 902

RBP

INDUSTRIAL RADIAL BLADE FAN, PAPER HANDLING WHEEL

- > 19.13 to 45.13 inches (485 mm to 1,150 mm) wheel diameters
- > Airflow to 26,500 CFM (45,000 m³/hour)
- > Static pressure to 32 inches w.g. (7,960 Pa)
- > **Typical Applications:** Dust Collection, Pneumatic Conveying, Water Treatment, Explosion-Proof Processes, General HVAC, Air Pollution Control, Material Handling, High Temperature



CATALOG 902

RADIAL BLADED FANS



Available For Quickship



CATALOG 902

RBA

INDUSTRIAL RADIAL BLADE FAN, AIR HANDLING WHEEL

- > 12.25 to 104.25 inches (315 mm to 2,650 mm) wheel diameters
- > Airflow to 141,800 CFM (240,900 m³/hour)
- > Static pressure to 46 inches w.g. (11,440 Pa)
- > AMCA licensed for Air and Fan Efficiency Grade
- > **Typical Applications:** High Temperature, Pneumatic Conveying, Explosion-Proof Processes, Dust Collection, Water Treatment, Process Cooling, Drying Applications, General HVAC, Air Pollution Control

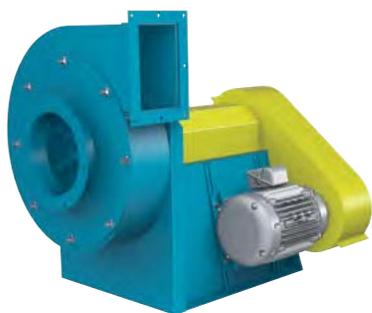


CATALOG 430

RBOF

FIBERGLASS RADIAL BLADE CENTRIFUGAL FAN

- > 10.63 to 57.5 inches (270 mm to 1,465 mm) wheel diameters
- > Airflow to 38,300 CFM (65,100 m³/hour)
- > Static pressure to 18 inches w.g. (4,480 Pa)
- > AMCA licensed for Air and Fan Efficiency Grade
- > **Typical Applications:** Chemical/Corrosive Environments, Marine, Water Treatment, Exhaust Applications, Explosion-Proof Processes, Air Pollution Control, Process Air, General HVAC, High Moisture Environments



Available For Quickship

CATALOG 800

JRW

COMPACT DESIGN INDUSTRIAL FAN

- > 8.75 to 15.63 inches (225 mm to 400 mm) wheel diameters
- > Airflow to 2,000 CFM (3,400 m³/hour)
- > Static pressure to 14 inches w.g. (3,480 Pa)
- > **Typical Applications:** Air Pollution Control, Pneumatic Conveying, Boiler Systems, Process Cooling, Exhaust, Water Treatment, Dust Collection, Drying Applications, Explosion-Proof Processes, General HVAC, Vacuum Systems, General Manufacturing



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CATALOG 850

CIW

CAST IRON BLOWER

- > 6.75 to 14 inches (175 mm to 355 mm) wheel diameters
- > Airflow to 2,000 CFM (3,400 m³/hour)
- > Static pressure to 12 inches w.g. (2,980 Pa)
- > **Typical Applications:** Air Pollution Control, Pneumatic Conveying, Boiler Systems, Process Cooling, Water Treatment, Exhaust, Dust Collection, Drying Applications, Explosion-Proof Processes, General HVAC, Vacuum Systems, General Manufacturing, Combustion Air

TPD

CAST ALUMINUM PRESSURE BLOWER, DIRECT DRIVE

- > 7 to 18 inches (180 mm to 460 mm) wheel diameters
- > Airflow to 2,800 CFM (4,800 m³/hour)
- > Static pressure to 20 inches w.g. (4,970 Pa)
- > **Typical Applications:** Air Pollution Control, Dust Collection, General HVAC, Explosion-Proof Processes, Process Cooling, Exhaust, Drying Applications, Material Handling, Pneumatic Conveying, Vacuum Systems, Waste Water Treatment, Combustion Air, Moisture Blow-Off



Available For
Quickship

CATALOG 820

TPB

CAST ALUMINUM PRESSURE BLOWER, BELT DRIVEN

- > 8 to 18 inches (205 mm to 460 mm) wheel diameters
- > Airflow to 2,400 CFM (4,100 m³/hour)
- > Static pressure to 22 inches w.g. (5,470 Pa)
- > **Typical Applications:** Air Pollution Control, Dust Collection, General HVAC, Explosion-Proof Processes, Process Cooling, Exhaust, Drying Applications, Material Handling, Pneumatic Conveying, Vacuum Systems, Waste Water Treatment, Combustion Air, Moisture Blow-Off



Available For
Quickship

CATALOG 820

SALES CONTACT



www.airmax-hvac.com



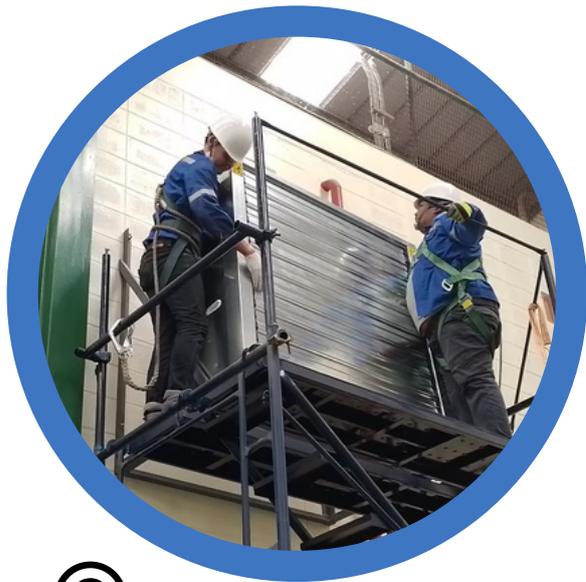
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