

RADIAL TIP & HIGH EFFICIENCY FANS



OVERVIEW

RADIAL TIP & HIGH EFFICIENCY FANS

Radial Tip & High Efficiency Fans offer great efficiencies for a wide range of applications requiring high airflow and moderate pressures. The non-overloading design can handle high temperatures, corrosive airstreams and light particulate where the radial tip designs are better suited for dirty, particulate laden air. With high airflows the radial tip fan is much more efficient than the comparable Radial Blade Fan.



Model HIB
Process Exhaust Fan

WHEEL TYPES

High Efficiency Non-Overloading Backward Curved & Airfoil, Self-Cleaning Radial Tip

TYPICAL INDUSTRIES

Asphalt, Boiler, Brick, Cement, Chemical, Coal, Ethanol, Foundry, Glass, Industrial Processes, Metal & Minerals, Mining, Nuclear, Petrochemical, Power Generation, Pulp & Paper, Water Treatment



Model HAF
Pneumatic Dust Collection

COMMON ACCESSORIES

Access Door, Belt Guards, Evasé, Drain, Inlet/Outlet Companion Flange, Inlet/Outlet Screen, Piezometer Ring Airflow Measurement System, Shaft & Bearing Guards, Shaft Seal, Split Housing, Inlet Box, Inlet/Outlet Dampers, Bases, Special Coatings, Insulated Housings

OPTIONAL CONSTRUCTION

Special Width & Diameter Wheels, High Temperature, Nominally Leak-Tight Construction, Spark Resistant Construction (Type A, B and C)



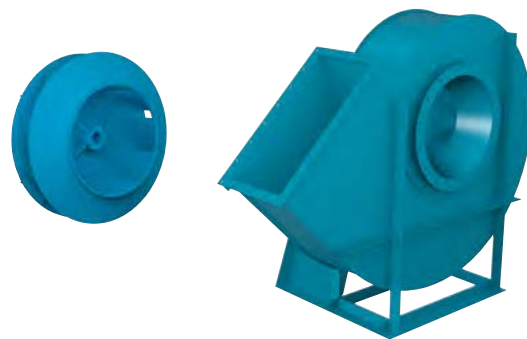
Model HIB
DeNOx Process



HAF

HIGH EFFICIENCY INDUSTRIAL AIRFOIL FAN

- > 25 to 82 inches (635 mm to 2,085 mm) wheel diameters
- > Airflow to 160,000 CFM (271,800 m³/hour)
- > Static pressure to 50 inches w.g. (12,430 Pa)
- > **Typical Applications:** Drying Applications, Process Cooling, Exhaust, Dust Collection, Explosion-Proof Processes, Forced Draft, Induced Draft, Process Ventilation, Water Treatment, Pollution Control

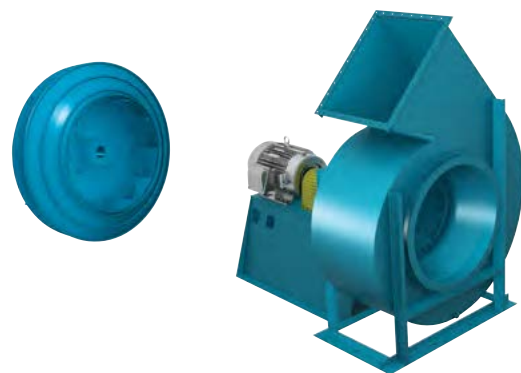


 CATALOG 1150

HIB

HIGH EFFICIENCY INDUSTRIAL BACKWARD CURVED FAN

- > 20.5 to 90.75 inches (520 mm to 2,310 mm) wheel diameters
- > Airflow to 177,500 CFM (301,600 m³/hour)
- > Static pressure to 36 inches w.g. (8,950 Pa)
- > **Typical Applications:** Drying Applications, Process Cooling, Exhaust, Dust Collection, Explosion-Proof Processes, Forced Draft, Induced Draft, Process Ventilation, Water Treatment, Pollution Control

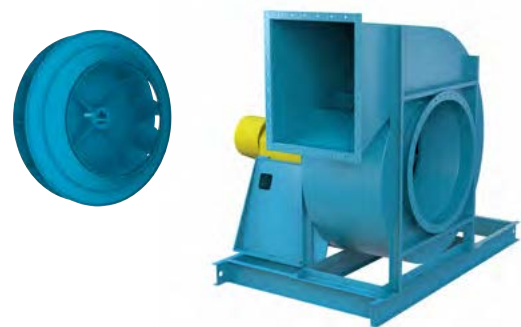


 CATALOG 1100

RTF

RADIAL TIP FAN

- > 20.5 to 90.75 inches (520 mm to 2,305 mm) wheel diameters
- > Airflow to 223,800 CFM (380,200 m³/hour)
- > Static pressure to 36 inches w.g. (8,950 Pa)
- > AMCA licensed for Air and Fan Efficiency Grade
- > **Typical Applications:** Exhaust Applications, Dust Collection, Explosion-Proof Processes, Induced Draft, Material Handling, Air Pollution Control, Process Ventilation, Pollution Control, Vacuum Systems, General Manufacturing

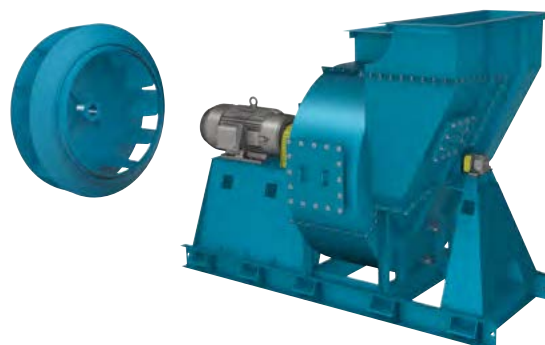


 CATALOG 950

HRT

RADIAL TIP FAN, HIGH SPECIFIC SPEED

- > 27 to 80.75 inches (685 mm to 2,055 mm) wheel diameters
- > Airflow to 254,700 CFM (432,700 m³/hour)
- > Static pressure to 32 inches w.g. (7,960 Pa)
- > **Typical Applications:** Exhaust Applications, Dust Collection, Explosion-Proof Processes, Induced Draft, Material Handling, Air Pollution Control, Process Ventilation, Pollution Control, Vacuum Systems, General Manufacturing



 CATALOG 980

SALES CONTACT



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