

FIBERGLASS FANS



OVERVIEW



Model BCSF
Scrubber Fan



Model BCSF
Odor Control, Waste Management



Model BCSF
Odor Control, Waste Water Treatment



Model BCSF
Paper Mill

FIBERGLASS FANS

Fiberglass Fans are specifically designed for the exhaust of moisture-laden, corrosive, or chemically contaminated air. All fans feature molded fiberglass housings that are virtually impossible to dent, crack, or break. FRP offers a more economical solution compared to stainless steel or other exotic alloys. Multiple wheel types and materials are available to meet any corrosive process requirements while maintaining quiet operation and high efficiency.

WHEEL/PROPELLER TYPES

Single Thickness Backward Inclined, Airfoil, Open Radial, Axial, Propeller

TYPICAL INDUSTRIES

Agriculture, Air Pollution Control, Automotive, Car Wash, Cement, Chemical, Coal, Composting, Ethanol, Fertilizer, Food & Beverage, Foundry, General Manufacturing, Glass, HVAC, Industrial Processes, Institutional & Hospitality, Marine, Metal & Minerals, Mining, OEM, Petrochemical, Pharmaceutical, Power Generation, Pulp & Paper, Steel Processing, Textile, Water Treatment

COMMON ACCESSORIES

OSHA Belt Guards, Shaft and Bearing Guards, Inlet and Outlet Guards, Weather Covers, Shaft Seals, Access Doors, Inspection Doors, Cleanout Doors, Housing Drains, Flanged Inlets and Outlets, Dampers and Shutters, Unitary Bases

OPTIONAL CONSTRUCTION

Static Grounding, ASTM D4167 Construction, Stainless Steel Fan Shaft, Synthetic Surface Veil, Fire Retardant Resin, Vinyl Ester



BCSF

BACKWARD CURVED HIGH PRESSURE COMPOSITE FANS, SWSI

- > 16.5 to 60 inches (420 mm to 1,525 mm) wheel diameters
- > Airflow to 145,000 CFM (246,400 m³/hour)
- > Static pressure to 34 inches w.g. (8,470 Pa)
- > AMCA licensed for Sound, Air and Fan Efficiency Grade
- > **Typical Applications:** Chemical/Corrosive Environments, Marine, Water Treatment, Air Pollution Control, Exhaust Applications, Process Air, Explosion-Proof Processes, General HVAC, High Moisture Environments



 CATALOG 410

BAFF

FIBERGLASS SW AIRFOIL FAN, BIA WHEEL

- > 12.4 to 24.8 inches (315 mm to 630 mm) wheel diameters
- > Airflow to 12,300 CFM (20,900 m³/hour)
- > Static pressure to 13 inches w.g. (3,230 Pa)
- > **Typical Applications:** Chemical/Corrosive Environments, Marine, Water Treatment, Exhaust Applications, Explosion-Proof Processes, Air Pollution Control, Process Air, High Moisture Environments, General HVAC



 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, Process Air, Explosion-Proof Processes, Air Pollution Control, General HVAC, High Moisture Environment



 CATALOG 430 & 431

HPF

FIBERGLASS HIGH PRESSURE BLOWER, RADIAL BLADE

- > 18 to 28 inches (460 mm to 715 mm) wheel diameters
- > Airflow to 4,700 CFM (8,000 m³/hour)
- > Static pressure to 36 inches w.g. (8,950 Pa)
- > **Typical Applications:** Exhaust Applications, Water Treatment, Explosion-Proof Processes, Chemical/Corrosive Environments, Air Pollution Control, Process Air, High Moisture Environments, General HVAC, Marine



 CATALOG 430



ILCF

FIBERGLASS INLINE CENTRIFUGAL FAN

- > 12.4 to 39.4 inches (315 mm to 1,000 mm) wheel diameters
- > Airflow to 35,900 CFM (61,000 m³/hour)
- > Static pressure to 7 inches w.g. (1,740 Pa)
- > **Typical Applications:** Exhaust Applications, Water Treatment, Marine, Chemical/Corrosive Environments, Air Pollution Control, Process Air, High Moisture Environments

 CATALOG 430



PRVF

FIBERGLASS TUBEAXIAL ROOF VENTILATOR

- > 14 to 60 inches (355 mm to 1,525 mm) wheel diameters
- > Airflow to 50,800 CFM (86,300 m³/hour)
- > Static pressure to 1.5 inches w.g. (370 Pa)
- > **Typical Applications:** Exhaust Applications, Water Treatment, Marine, Chemical/Corrosive Environments, Air Pollution Control, Process Air, High Moisture Environments

 CATALOG 430



TAMF

FIBERGLASS TYPE FG7 TUBEAXIAL FAN, BELT DRIVEN

- > 14 to 60 inches (355 mm to 1,525 mm) wheel diameters
- > Airflow to 51,900 CFM (88,200 m³/hour)
- > Static pressure to 1.5 inches w.g. (370 Pa)
- > **Typical Applications:** Exhaust Applications, Water Treatment, Marine, Chemical/Corrosive Environments, Air Pollution Control, Process Air, High Moisture Environments

 CATALOG 430



TAHF

FIBERGLASS TYPE TF TUBEAXIAL FAN, BELT DRIVEN

- > 12 to 60 inches (305 mm to 1,525 mm) wheel diameters
- > Airflow to 83,200 CFM (141,400 m³/hour)
- > Static pressure to 2.5 inches w.g. (620 Pa)
- > **Typical Applications:** Exhaust Applications, Water Treatment, Marine, Chemical/Corrosive Environments, Air Pollution Control, Process Air, High Moisture Environments

 CATALOG 430

VAHF

FIBERGLASS TYPE TF VANEAXIAL FAN, BELT DRIVEN

- > 12 to 60 inches (305 mm to 1,525 mm) wheel diameters
- > Airflow to 81,200 CFM (138,000 m³/hour)
- > Static pressure to 4 inches w.g. (990 Pa)
- > **Typical Applications:** Exhaust Applications, Water Treatment, Marine, Chemical/Corrosive Environments, Air Pollution Control, Process Air, High Moisture Environments



 CATALOG 430

TCWPF

FIBERGLASS PANEL FAN, DIRECT DRIVE

- > 12 to 48 inches (305 mm to 1,220 mm) wheel diameters
- > Airflow to 41,900 CFM (71,200 m³/hour)
- > Static pressure to 1 inch w.g. (250 Pa)
- > **Typical Applications:** Corrosive Environments, General HVAC, Marine, Waste Water Treatment, High Moisture Environments, Swimming Pools



 CATALOG 430

FA

FIBERGLASS DOWNBLAST CENTRIFUGAL ROOF VENTILATOR
DIRECT DRIVE

- > 7 to 18.5 inches (180 mm to 470 mm) wheel diameters
- > Airflow to 3,125 CFM (5,300 m³/hour)
- > Static pressure to 1 inch w.g. (250 Pa)
- > **Typical Applications:** Chemical/Corrosive Environments, High Moisture Environments, Marine, General HVAC, Swimming Pools, Waste Water Treatment



 CATALOG 3000

FAB

FIBERGLASS DOWNBLAST CENTRIFUGAL ROOF VENTILATOR
BELT DRIVEN

- > 12.5 to 40 inches (320 mm to 1,020 mm) wheel diameters
- > Airflow to 19,500 CFM (33,100 m³/hour)
- > Static pressure to 1.75 inches w.g. (440 Pa)
- > **Typical Applications:** Chemical/Corrosive Environments, High Moisture Environments, Marine, General HVAC, Swimming Pools, Waste Water Treatment



 CATALOG 3000



 CATALOG 3000

WA

FIBERGLASS UPBLAST CENTRIFUGAL ROOF VENTILATOR,
DIRECT DRIVE

- > 7 to 18.5 inches (180 mm to 470 mm) wheel diameters
- > Airflow to 3,030 CFM (5,100 m³/hour)
- > Static pressure to 1 inch w.g. (250 Pa)
- > **Typical Applications:** Chemical/Corrosive Environments, High Moisture Environments, General HVAC, Exhaust Applications, Marine, Swimming Pools, Waste Water Treatment



 CATALOG 3000

WAB

FIBERGLASS UPBLAST CENTRIFUGAL ROOF VENTILATOR,
BELT DRIVEN

- > 14.5 to 40 inches (370 mm to 1,020 mm) wheel diameters
- > Airflow to 21,500 CFM (36,500 m³/hour)
- > Static pressure to 2 inch w.g. (500 Pa)
- > **Typical Applications:** Chemical/Corrosive Environments, High Moisture Environments, General HVAC, Exhaust Applications, Marine, Swimming Pools, Waste Water Treatment



 CATALOG 3000

HA

FIBERGLASS CENTRIFUGAL WALL VENTILATOR, DIRECT DRIVE

- > 7 to 18.5 inches (180 mm to 470 mm) wheel diameters
- > Airflow to 2,625 CFM (4,500 m³/hour)
- > Static pressure to 1 inch w.g. (250 Pa)
- > **Typical Applications:** Chemical/Corrosive Environments, High Moisture Environments, General HVAC, Exhaust Applications, Marine, Swimming Pools, Waste Water Treatment



 CATALOG 3000

HAB

FIBERGLASS CENTRIFUGAL WALL VENTILATOR, BELT DRIVEN

- > 12.5 to 30.5 inches (320 mm to 770 mm) wheel diameters
- > Airflow to 9,820 CFM (16,700 m³/hour)
- > Static pressure to 1 inch w.g. (250 Pa)
- > **Typical Applications:** Chemical/Corrosive Environments, High Moisture Environments, General HVAC, Exhaust Applications, Marine, Swimming Pools, Waste Water Treatment

SA

FIBERGLASS CENTRIFUGAL WALL VENTILATOR, DIRECT DRIVE

- > 7 to 14.5 inches (180 mm to 370 mm) wheel diameters
- > Airflow to 2,230 CFM (3,800 m³/hour)
- > Static pressure to 1 inch w.g. (250 Pa)
- > **Typical Applications:** Chemical/Corrosive Environments, High Moisture Environments, General HVAC, Exhaust Applications, Marine, Swimming Pools, Waste Water Treatment



 CATALOG 3000

MA

FIBERGLASS SQUARE GRAVITY RELIEF & INTAKE VENTILATOR

- > 6 to 60 inches (155 mm to 1,525 mm) square throat sizes
- > Airflow to 40,000 CFM (68,000 m³/hour)
- > Static pressure to 1 inch w.g. (250 Pa)
- > **Typical Applications:** Gravity Relief



 CATALOG 3000

FIBERGLASS ROOF CURBS

PREFABRICATED ROOF CURBS

- > 12" high prefabricated roof curb
- > 3½" cant, corner gussets
- > Treated 1½" x 3½" treated wood nailer
- > Damper tray
- > **Options:** 2" thick fiberglass insulation



 CATALOG 4910

Fan & Blower
Twin City

SALES CONTACT



www.airmax-hvac.com



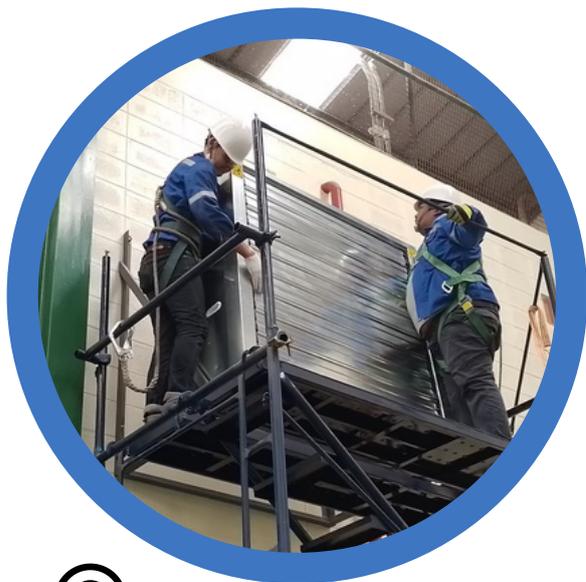
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