



**ATMAX FILTRATION
ELEMENTS INC**

AXIAL · CENTRIFUGAL · DWDI · ID/FD · SPECIAL-DUTY

Industrial Fans & Blowers

Axial, centrifugal, ID/FD and special-duty fans, engineered and built to spec for process, ventilation and pollution-control systems.

Axial & bifurcated fans

Direct-driven and belt-driven propeller fans for high-volume, low-to-medium pressure airflow — the work horse of general ventilation and process exhaust.

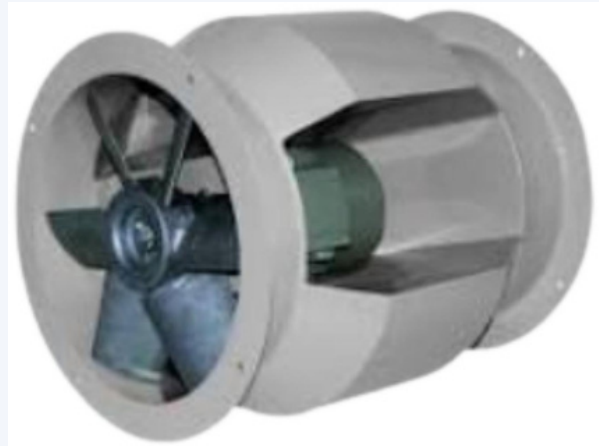


Axial Flow Fans

Direct-drive propeller fans for large-volume air movement in ducted ventilation, drying and general exhaust applications. Compact axial-length housings suit tight duct runs.

VENTILATION

DRYING



Bifurcated Fans

Motor sits outside the airstream in a split housing — ideal for hot, humid or contaminated air where the drive needs to stay clear of the process gas.

HOT GAS

REMOTE MOTOR



Spark-Proof Construction Available

Non-ferrous impeller and casing options for combustible-dust or solvent-laden airstreams, built to the same duty as our standard axial line. A common spec for woodworking, chemical and grain-handling exhaust.

DIRECT DRIVE

BELT DRIVE

SPARK-PROOF

CUSTOM DUCT SIZES

Centrifugal fans & blowers

Backward and forward-curved centrifugal units engineered for combustion air, process exhaust and high-static-pressure ducted systems.



ID FD Fans

Induced draft (ID) fans pull combustion or process gas through the system under negative pressure, keeping downstream ductwork and collectors under suction. Forced draft (FD) fans push combustion air into boilers, furnaces and dryers under positive pressure for controlled, efficient combustion.



DWDI Centrifugal Fans

Double Width Double Inlet — air enters from both sides of the impeller for higher volume at a given wheel diameter, ideal for large-volume air handling and ventilation duty.



High Pressure Blowers

Heavy-gauge centrifugal units for high-static-pressure ducted systems, scrubbers and long duct runs.



Stainless Steel Centrifugal Fans

304 / 316 stainless construction for corrosive, high-purity or washdown duty across food, pharma and chemical processes.

BACKWARD CURVED

FORWARD CURVED

BELT & DIRECT DRIVE

CUSTOM PERFORMANCE CURVES

Every unit above is available with custom performance curves and fan-selection support — send your duty point and we'll size it.

Special-duty & custom builds

Where standard fan curves don't fit the process, we build to spec—corrosion-resistant, array-mounted, or fully customized to your footprint.



Fibre Glass & Plastic Fans

FRP and polypropylene construction for scrubbers, fume extraction and corrosive chemical processes where metal housings won't hold up.



Plug & Array Fan Banks

Multi-fan array configurations for AHUs and cleanroom air-handling, giving redundancy and staged capacity in a single housing.

MORE CONFIGURATIONS BUILT TO SPEC



How A Custom Build Gets Specified

Tell us the gas or air properties, corrosivity, temperature and duty cycle, along with your footprint and mounting constraints. We'll come back with a material recommendation, a performance curve, and — where useful — CFD-informed sizing before anything is fabricated.

FRP / PP

304 / 316 SS

ARRAY & REDUNDANT

CUSTOM FOOTPRINT

Engineered to your duty point



Fan Selection Support

Custom performance curves & sizing help for your exact duty point.



Authorized Donaldson Torit Dealer

Genuine filters & parts across every system we build.



Built To Code

Designed to meet OSHA, NFPA & ISO 14644 requirements.



Regional Response

On-site support across NY, NJ, TX, NC, SC, PA & CT.

MATERIALS

- Mild Steel
- 304 / 316 Stainless
- Polypropylene / FRP
- Spark-Proof (Non-Ferrous)

DRIVE OPTIONS

- Direct Drive
- Belt Drive
- Bifurcated (Remote Motor)
- Variable Frequency Drive Ready

TYPICAL APPLICATIONS

BOILERS & FURNACES

DRYERS & KILNS

SCRUBBERS

DUST COLLECTION

CLEANROOMS & AHUS

CHEMICAL PROCESS

GRAIN HANDLING

Send your duty point, gas properties and footprint-
An engineer will come back with a performance curve and fan recommendation.

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ATMAX FILTRATION



LET'S TALK

Get a fan selection & performance curve.

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[REQUEST A QUOTE](#)

