Air Filtration Products
for Turbomachinery Air Inlet Systems
High efficiency air filtration is a key factor in achieving cost-effective operation of industrial rotating equipment, such as gas turbines and centrifugal compressors.

Koch Filter manufactures a wide range of filters for gas turbine air intakes of all sizes and types. Koch products are presently installed in nearly every imaginable environment, from hot and gritty desert environments to salty coastal locations to icy arctic applications. Regardless of the operating environment or system design, there’s a proven, reliable Koch product to meet the need.

Trained Experts in the Field

Koch Filter Corporation presently supplies high quality gas turbine filtration products to customers across the U.S. and around the world. To insure the prompt availability of the complete Koch Filter Corporation product line, a large and effective network of trained field representatives has been developed. Supported by local and regional warehousing points, this experienced sales team is always ready to offer solutions to any filtration problem, regardless of the customer’s location.

Value-added services

Site Surveys. Koch’s team of trained experts specializes in on-site surveys of turbine housings. These system surveys are an essential component in helping our customers determine the appropriate filtration solution for their unique circumstances.

Filtration Seminars. Koch Filter customers have complete access to our library of educational seminars related to general air filtration and gas turbine applications in particular.

Filter Lifecycle Analysis. Utilizing specially-designed instrumentation, Koch Filter has developed the capability to analyze our customers’ partially-used air filters to measure efficiency, resistance to airflow (pressure drop), and other important performance criteria. This information is vital in determining whether or not a filter has reached the end of its useful lifecycle. The results of these tests are reported to the customer. In many cases a filter change can be postponed until the next general maintenance period. The result is significant savings for our customers.
Multi-Pleat GT Pleated Panel Filter

- Extended surface pleated panel designed for use as a prefilter in gas turbines, centrifugal compressor air intakes, and other high velocity systems.
- Integral pleat supports.
- High performance synthetic filter media.
- Media is supported by a rust resistant metal grid.
- Available in a wide range of standard and custom sizes.

ASHRAE Efficiencies: 25–30%
MERV Rating: 8
Consult Bulletin No: K-906A

Multi-Pleat GT-HD Heavy Duty Pleated Panel Filter

- Ultra heavy-duty frame is moisture resistant and is designed for high humidity applications.
- Specialized high loft synthetic media is moisture resistant.
- Replacement for prefilter media in OEM inlet air housings.
- Media is supported by a specialized heavy-duty rust resistant galvanized-dipped expanded metal grid.
- Replacement for prefilter media in OEM inlet air housings.

ASHRAE Efficiencies: 25–30%
MERV Rating: 7
Consult Bulletin Nos: PB-001-B, K-386D

Prefilter Pads, Blankets and Wrap-Arounds

- A wide range of synthetic and fiberglass media designed for use as a prefilter in gas turbines and other high velocity systems.
- Available as prefilter pads or blankets for Maxi-Cell and DuraMAX or as a wrap-around prefilter for cylindrical cartridge.
- Available media—Synthetic: 1” and 2”. Fiberglass: 2” and 4”.

ASHRAE Efficiencies: <20%
MERV Ratings: 6
Consult Bulletin No: PB-001-B, K-386D

DuraGlove Cube Prefilter

- The DuraGlove Prefilter is designed to prolong the lifecycle of the DuraMAX 4v Final Filter (see top left) in reverse-mount installations.
- Reverse-mount installations, in which DuraMAX 4v Final Filters are installed with the “V’s” as the air entry side, are common in inlet housings where limited space makes it difficult to install a separate bank of prefilters.
- The DuraGlove is constructed with durable synthetic filter media formed into a cube configuration and fits snugly onto the air entry face of the DuraMAX 4v.
- Several standard sizes are available.

ASHRAE Efficiency: 30%–35%
MERV Rating: 8
Consult Bulletin No: K-996B
The Complete Line of Air Filtration Products for Commercial, Industrial, Hospital, Gas Turbine and Paint Filtration Applications.

Founded in 1966 by Joseph Koch and still managed by the Koch family, Koch Filter Corporation is a world class manufacturer of air filtration products. Koch Filter is recognized globally for its premier brand of high efficiency air filtration products and the industry’s broadest range of air filters for any application. Our wide array of filtration products is currently installed in over 50,000 commercial, medical and industrial accounts worldwide.