



Filtration Group®
HVAC

FILTERING THE WORLD



Manufacturer of HVAC, Gas Phase,
Turbine, and High Performance Filters

Filtration Group – HVAC

Since its founding in 1942, Filtration Group has grown into one of the largest filter manufacturers in North America, producing millions of filters each year. Our dedication to generating cleaner air has propelled Filtration Group to the industry forefront and a leading broad-line manufacturer of filtration products for the HVAC, turbine, gas phase/molecular, cleanroom, bio-safety, and filter media markets.

From its fully automated equipment to the continuous improvement system employed company-wide and its established global network, Filtration Group's products are engineered, developed, and made available to the world with the preeminent focus on protecting public health, energy and savings, lowering operating costs, and enhancing equipment performance.

In 2010 Filtration Group – HVAC became part of Filtration Group Corporation creating a larger, stronger company with greater resources to meet every filtration need.

Filtration Group – Indoor Air Quality Division

Good air quality isn't something anyone takes lightly. We are in a position to significantly improve the air in our customers' work environments and our environment as a whole. We are committed to providing the highest efficiency, highest performing, and highest quality air filtration solutions across the largest range of industries all over the world. From air filters to cost savings, our valued customers benefit from world-leading solutions and expertise. Our brands and products include Purafil for gas phase / chemical filtration and Industrial Finishing for all your spray booth needs.

Learn more about Filtration Group and the Indoor Air Quality Division at www.FiltrationGroup.com

For Additional Information Call **+1 877.344.8326**



“We are committed to making the world safer, healthier, and more productive by creating innovative solutions that deliver outstanding customer value.”

LOW-MEDIUM EFFICIENCY FILTERS



PLEATED PANEL FILTERS

Filter offers significantly higher efficiencies, longer life, and better dust-holding capacities than conventional flat panel filters.

- Moisture resistant, 100% synthetic media
- Extended surface filters are available in many efficiencies, capacities, and thicknesses
- Premium grade



NOVAPLEAT®

NovaPleat® is our patented next generation of extended surface pleated filters. The construction process is automated, ensuring consistent quality, uniform appearance, and performance.

- Precision machine fabrication for consistent quality
- Square pleat tip provides added rigidity making filter extremely durable
- Available in Standard and High Capacity
- Center support strut on larger sizes eliminates breaching
- 100% metal free design
- MERV 8



GREEN PLEAT

Green Pleat is specifically designed to meet the air filtration efficiency criteria required to gain points toward LEED certification.

- Constructed with an advanced synthetic air media
- Utilizes both charged fibers and traditional mechanical filtration principals
- Low resistance to air flow reduces energy costs
- Eliminates need to retrofit to achieve MERV 13 efficiency



ENDURO-PLEAT

A pleated filter engineered to meet the requirements for the toughest applications. The Enduro-Pleat will last longer than any other MERV 8 pleated filter under similar conditions.

- High quality 28 point beverage board die-cut frame
- Rugged wire backing is 2x's heavier than industry standard products
- 100% synthetic media does not promote biological growth
- High dust holding capacity
- Available in 2" and 4" deep sizes



POLYESTER MEDIA, ROLLS AND PADS

Premium commercial and industrial grade media provides extra protection for HVAC coils and equipment.

- Wide variety of widths, thicknesses, lengths, and media grades
- High efficiency media is available in a variety of sizes



AUTOMATIC ROLL FILTERS

Fiberglass and polyester media are both offered in a variety of grades and styles.

- Heavy-duty paper trailers and leaders are standard for easy installation and disposal
- Standard 45' and 65' lengths
- Universal replacement for all makes and models



PAINT ARRESTOR PRODUCTS

The dual layer polyester media rolls create a generous paint holding filter.

- Premium overspray media keeps fans and stacks clean
- Bulk rolls available up to 84" width and 90' length
- Also available in standard pads, custom blankets, and pocket configurations

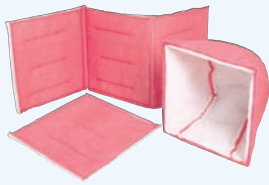


FILTRAIR® DIFFUSION MEDIA

Synthetic fiber-based nonwoven filter products ensure uniform depth loading with optimal low pressure drop performance.

- 100% adhesive saturation prevents release of fibers and migration of particles larger than 5 microns
- Approved by Major Automotive Manufacturers
- Gradient Density Structure ensures uniform air distribution throughout the spray booth

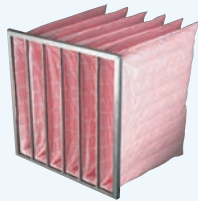
MEDIUM-HIGH EFFICIENCY FILTERS



PANEL, LINK AND CUBE FILTERS

High loft synthetic filter media heat-sealed around an internal wire frame in panel and cube configurations.

- Wide variety of media grades and efficiencies
- Self-gasketing perimeter eliminates dirty air by-pass
- High dust holding capacity



SONIQ® POCKET FILTERS

The patented SoniQ® pocket is an extended surface medium and high efficiency bag-type air filter. They are available in four efficiencies, a wide variety of sizes and pocket configurations.

- Ultrasonic welding technology
- Open throat design for optimum air flow
- Galvanized steel header and J-channels for filter strength
- Lightweight standard



RHINO POCKET FILTERS

The Rhino Pocket is a high efficiency air filter utilizing a stiff, extremely durable synthetic media, which is constructed using heavy duty stitching to ensure proper inflation and performance during entire life-cycle.

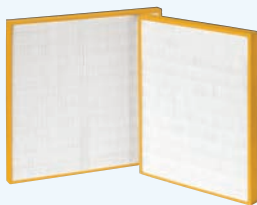
- Holes are sealed with an adhesive providing more support and eliminating air by-pass
- Replaces flimsy fiberglass and synthetic pocket filters
- Built for long life applications



CARTRIDGE FILTERS

Features include high dust holding, with moisture resistant media and traditional 6" and 12" depth.

- Available in three efficiencies and a wide range of sizes
- Header is standard
- High temperature models available
- Galvanized steel frame provides exceptional strength



NEXFIL®

Nexfil® is a high efficiency air filter in a very compact design. Designed to remove fine airborne pollutants and irritants from HVAC systems in commercial buildings, public buildings, hotels, schools and universities.

- Available in MERV 11, 13, and 15
- Ultra compact 2" depth allows system upgrade with no equipment modification
- Component for LEED certification
- Alternative to bulkier air filters
- Low resistance saves energy
- Available in a variety of sizes



GEOPLEAT®

Geopleat® provides a high level of filtration in a wide variety of applications.

- Robust media resists tears, punctures, moisture, and microbial growth
- Advanced pleat geometry provides even dust loading, maximum service life and lower energy costs
- Lightweight compact 4" design
- Available in MERV 11, 13, 14, and 15



TITAN FP® FILTERS

Titan FP® is a high efficiency, state-of-the-art rigid design filter that is lightweight, rugged, and easy to handle.

- Patented built-in handle eases transportation and installation
- Precision injected molded parts assure trouble-free installation
- Available in MERV 11, 13, 14, and 15
- Replaces pockets, rigids, and cartridge filters
- Available in microglass and synthetic medias



FP FILTERS

The FP mini-pleat provides exceptional levels of air filtration with the lowest resistance available. The V-Bank™ mini-pleat design allows 193 ft² of surface area, offering long service life, low pressure drop, and high dust holding capacity.

- Available in MERV 11, 14, 15, 16, and FP-R
- Filters rated up to 3,000 cfm
- All plastic frame with patented built-in handle
- Exceptionally robust and lightweight
- Available in microglass and synthetic media

MEDIUM-HIGH EFFICIENCY FILTERS



RIGID CELL FILTERS

Rigid design is not affected by variation in air flow. Commonly used in both side access and built-up filter banks.

- Extended surface pleat construction is available in many efficiency ranges with or without a header
- Synthetic and fiberglass media options



HEPA AND ULPA FILTERS

These filters are used when the highest possible degree of air purification is necessary.

- HEPA and ULPA efficiencies available
- Wide variety of sizes and configurations



M-SERIES HEPA AND HEPA HP

Designed for value, versatility, and performance. Low operating cost. Durable, low weight, and easy to install.

- Mini-pleated using wet laid glass media
- Available in three efficiencies on 0.3 micron particles
- Low pressure drop reduces energy consumption and lowers operating cost
- High strength, low weight
- Recessed pack allows easy handling



HV (HIGH VOLUME) HEPA FILTERS

Extremely rugged compact construction offers 366 sq. ft. of effective filter surface area in a durable frame.

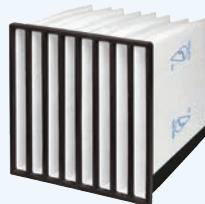
- Pressure drop of 1" w.g. at 2,400 CFM
- Available in HEPA efficiencies (99.97% and 99.99% at 0.3 micron)



FILTRAIR® RIGID POCKETS

Constructed with a 100% synthetic fiber media to ensure high-depth loading with low pressure drop. These filters combine three sequential progressive density layers.

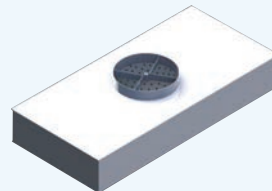
- Polyurethane molded plastic header ensures leak-free design
- Rigid pocket design maintains optimum form
- Full adhesive saturation through a proprietary process prevents unloading



DROP SAFE RIGID POCKETS

Specifically designed for elimination and drainage of free water (e.g. fog) and airborne particles (e.g. salt crystals).

- Patented water tight sealed pocket boot design
- Suitable to use in extreme environmental conditions such as high humidity, air with water mist content, high air velocity and inshore/offshore marine applications
- Available per filter class G4, M5, M6, and F7 according EN779



FLOWSTAR CED

The room side Critical Environment Diffuser is available with HEPA (99.99%) or ULPA (99.9995%) gel seal filters. Product designed to meet cleanroom environmental standards.

- Filters tested and certified to IEST recommended practice
- 2", 3", and 4" wet laid micro fiberglass media packs are sealed at factory with polyurethane
- Wet laid micro fiberglass media is precision pleated
- Mitered corners with polyurethane seal ensuring leak-free assembly



CLEANROOM FILTERS

Comprehensive product line includes cleanroom panels, replaceable and ducted modules.

- Available in HEPA and ULPA efficiencies
- Durable extruded aluminum frame
- Gas phase and high efficiency complimentary filters available

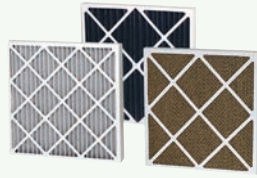
SPECIALITY FILTERS



BIO-SAFETY

Corrugated aluminum separator design with sturdy galvanized steel, aluminum, or wood frames.

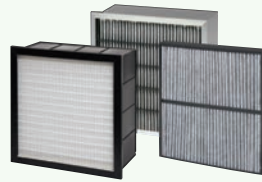
- Available in HEPA and ULPA efficiencies
- 100% of filters subject to an efficiency and initial resistance test
- Custom sizes and configurations



GAS PHASE / MOLECULAR

Carbon pleated air filters are designed to provide higher levels of particulate and gas air filtration for a wide range of odors and common indoor air pollutants. These filters are best suited for use where contaminant levels are low and/or intermittent.

- Produces little to no dust
- Efficient removal of particulate MERV 6 or MERV 11 (per ASHRAE Standard 52.2-2012)



HEGA

We offer a wide variety of gas sorbent products and can custom design a filter to meet your specific needs.

- Products utilize a variety of media types, brands, and grades
- Wide range of sizes, configurations, and sorbent levels
- HEGA Dual-Pak is a dual-stage filter consisting of a pleated particulate first stage media along with a second stage gas removal media



POWER SYSTEMS

Complete line of gas turbine pre-filters and barrier filters. Durably built to withstand a variety of demanding power system applications.

- Filters designed for low-pressure drop applications with high dust holding properties
- Manufactured without rivets, bolts, or other metal fastening devices, which can damage gas turbine equipment



SENTINEL FAN

The Sentinel Fan is designed for optimum performance, low noise levels, and energy savings in filtration applications.

- Variable speed switch for air volume control
- Motor's low power draw reduces energy consumption
- Low profile design allows for installation with minimum overhead space
- Available in standard lay-in ceiling units and room side serviceable
- HEPA and ULPA available



FILTER HOUSINGS

Our comprehensive housing line from single stage pleated, dual stage, v-bank to HEPA, allows us to offer customers a high quality, broad selection of filter housings.

- Custom sizes available to fit many applications
- Housings are constructed in a wide range of materials, from galvanized to 304 stainless steel



BAG IN/BAG OUT HOUSING

The HEPA BIBO Housing is a single or multistage unit designed to hold HEPA filters with either a gasket or fluid seal.

- 304 stainless steel construction meets all ASTM specifications
- Bubble tight dampers with manual electric or pneumatic actuators
- Upstream and downstream test sections
- Built under NQA-1 Quality Assurance Program
- Locking mechanism secures seal between filter and housing



ISOLATION ROOM CONTAINMENT SYSTEM

The IRCS is a self-contained unit designed to meet the CDC's guidelines by providing high-efficiency filtration for small contamination or hazardous areas.

- Consists of a HEPA bag in/bag out housing and a dedicated fan unit
- Stainless or aluminized steel housings, custom sizing available
- Locking mechanism provides secure seal between filter and housing

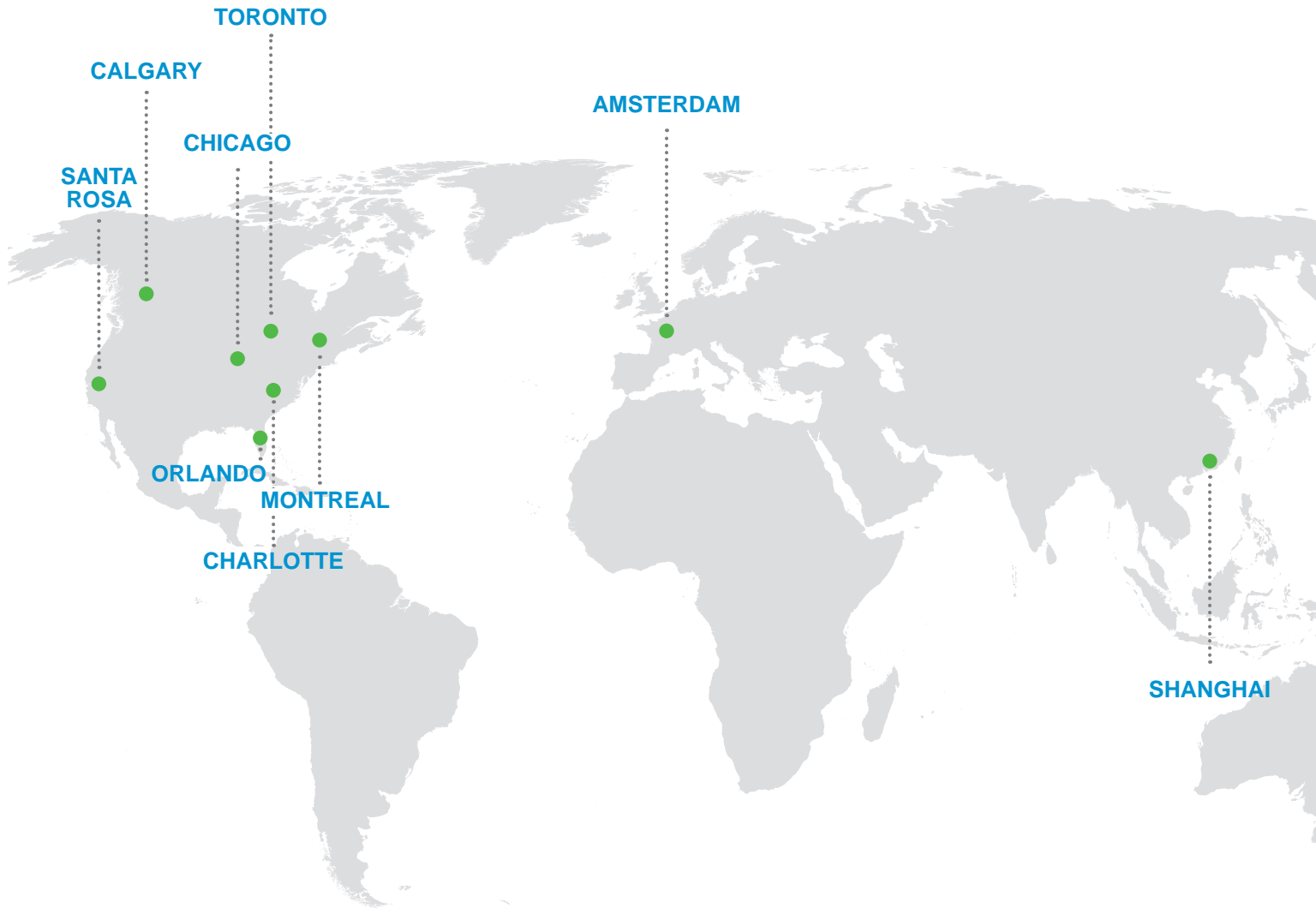
Filtration Group's product line is the most comprehensive within the industry. We are committed to product development, engineering, and in-house testing processes.

Exceeding Customers Expectations

- Global Distribution and Manufacturing
 - Over 1 million sq ft of Manufacturing
- Comprehensive Offering
- Full Range of Efficiencies
- Flexible Production
- Molecular Filtration
- Cleanroom/HEPA Filtration
- Bio-Safety
- Advanced Gas Turbine Air Filtration
- Coalescing Filtration
- HVAC Foremarket
- Filtration Media
- Paint/Finishing Products
- In-House Testing
 - ASHRAE 52.1/52.2 Ducts
 - EN779 Duct
 - CIPAT and Q107 HEPA Testing
 - Cleanroom Module Efficiency and Scan Testing
 - TSI 8130 Media Efficiency Testing
- Dedicated Customer Support
- ISO 9001 Registered Company
- E-Commerce Supported
- Engineering Technical Expertise
- Special/Custom Designs Available



Filtration Group HVAC Manufacturing Facilities



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HVAC

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