

## **Cleanroom Filtration Products and Capabilities**

*Advanced Solutions for the Removal of Airborne  
Particulate and Gaseous Contaminants*



*Better Air is Our Business®*

## Cleanroom Filtration Products and Capabilities

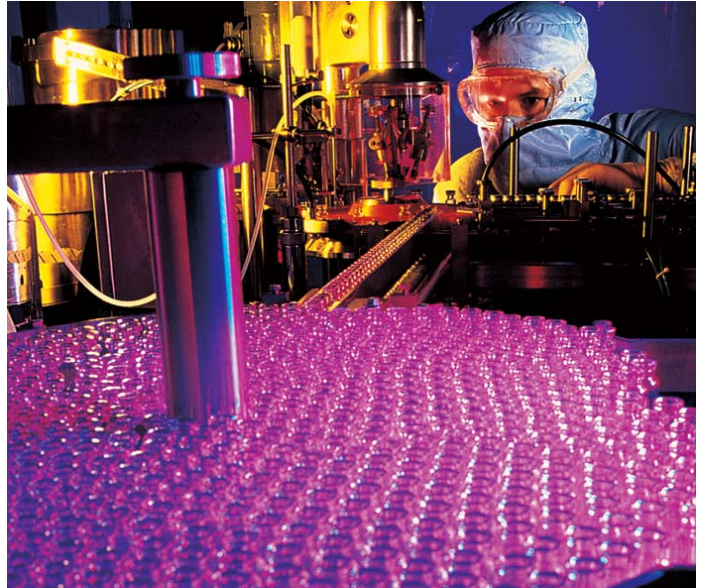
### Industry Leader

#### Our Qualifications

*AAF International is the name recognized globally for quality, expertise, and innovation in the cleanroom industry. As a world leader in cleanroom filtration, we understand the critical nature of your cleanroom operations and processes. We know contamination control is vital to maintain product integrity and meet stringent governmental regulations.*

*What this means is you will be served by a company with an outstanding industry record. The caliber of our existing customers and diversity of their cleanroom requirements allow us to provide systems and products based on a broad industry perspective. Industry knowledge and an experienced cleanroom team enable us to provide quality products and services at a competitive cost.*

*Our goal is simple, provide the highest quality cleanroom filtration systems and products.*



Original American Air Filter Company

#### Proud History

AAF traces its roots to Bill Reed, a skilled engineer and clever entrepreneur who recognized in 1921 that cleaning the air was critical to the growth of society, the development of technology, and the protection of human health. Today, selling under the AAF® and AmericanAirFilter® brand names, AAF clean air products and systems offer the most comprehensive clean air solutions available in the world. Through more than 90 years of innovation and leadership in air filtration, our motto has not deviated from that stated by Bill Reed those many years ago — *Better Air is Our Business®*.

From its world headquarters in Louisville, Kentucky, AAF maintains operations in 22 countries with more than 2,600 employees. AAF is supported in its international ventures through the resources of its parent company Daikin Industries, Ltd., Osaka, Japan, a diversified international manufacturing company and a global leader in air conditioning.

#### Environmentally Responsible Air Filtration Solutions

AAF is committed to applying environmentally friendly practices in all aspects of our business operations. We believe that the economic growth of our company and the conservation of our natural environment are complementary. We will continue to make improvements to our environmental management system guided by the philosophy of taking action with the future of the Earth in mind.

We will do this through compliance with applicable environmental legislation and regulations. Identifying opportunities to prevent pollution, reduce waste, and conserve our natural resources is an ongoing priority. We are committed to continuous improvement by measuring and monitoring our progress towards minimizing our environmental impact.



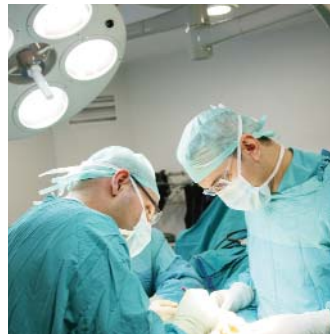
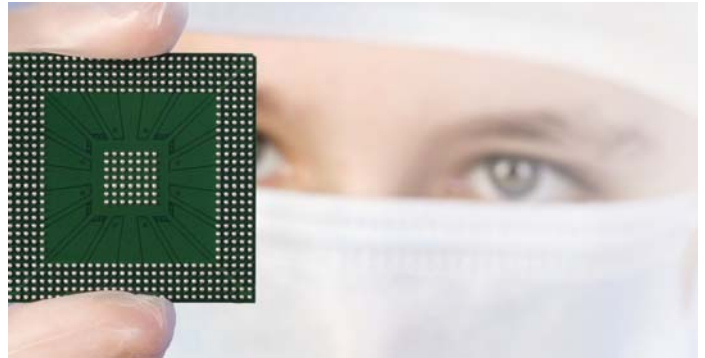
AAF headquarters, Louisville, Kentucky



## Industry Overview

Many manufacturing processes require that fine particulate and gaseous contaminants be carefully controlled. Today, with increased governmental regulations and more exacting self-imposed guidelines, many cleanroom industries are moving toward ultra-clean processes to ensure product quality and limit financial liability. Contamination-controlled environments are becoming a critical component for products of all types. Cleanroom particulate and gas-phase filters help to control the entire airflow environment in such industries as microelectronics, pharmaceutical manufacturing, food processing, and hospital critical care areas.

A cleanroom air filtration system must be installed to control the unwanted gaseous contaminants and airborne particulates that contaminate processes. Corrosive gases can cause severe harm to the functioning parts of many systems. While vital to maintaining air quality in a cleanroom, air filtration is not the only factor. Strict adherence to production procedures and personal hygiene are essential, since contamination can lead to costly downtime and increased production and maintenance expenses.



*Our cleanroom team understands that the requirements for clean environments differ for each industry. Our experience in developing cleanroom solutions for a variety of applications gives us the know-how to tackle any project.*



*Proprietary media and filter design allow AAF to meet the most stringent requirements of any cleanroom application.*

## Industry Competence

AAF has designed and manufactured cleanroom products since the inception of the industry. We are unsurpassed in our ability to engineer cleanroom systems to any specification. In fact, we pioneered many of the techniques and products used in cleanroom filtration today. We have the industry experience and resources to handle projects from small cleanrooms to large “ballroom”, Class 1 (ISO 14644-1) applications. Our cleanroom filtration products are utilized by leading manufacturers in the microelectronics, pharmaceutical, and biotechnology industries around the world.

AAF engineers are active in standardization committees in the USA and Europe. We play an important role in establishing new standards and recommending practices for cleanroom applications. As an example, our engineers were key contributors in developing and writing Institute of Environmental Sciences and Technology Recommended Practices. This professional competence is reflected in the design, manufacture, and testing of each cleanroom filtration solution we produce.

*ISO 14644-1 defines a cleanroom as an area in which the concentration of airborne particles is controlled and which contains one or more clean zones. Various classes of cleanroom are specified in terms of the maximum permissible number and size of particles per cubic meter.*

## AAF Advantage

### Worldwide Manufacturing Advantage

AAF recognizes the global nature of the cleanroom industry, and we are positioned to respond to projects anywhere in the world. We offer the most comprehensive manufacturing capabilities in the industry. Our production facilities are located worldwide, and are specifically designed for the manufacture of filtration products and equipment in compliance with established standards. We fabricate in a variety of materials to satisfy any application. Each facility has a full range of capabilities that give us flexibility in meeting our customers' specifications and deadlines.

### Energy Savings with The Lowest Pressure Drop in the Industry

Cleanroom filtration must handle large volumes of air. Consequently, operating costs are a prime consideration in cleanroom design. One of the most important areas to be evaluated, where AAF leads the industry in energy savings, is airflow resistance, or pressure drop, across High Efficiency Particulate Air (HEPA) filters.

AAF understands cleanrooms and filtration. We challenged our cleanroom team to develop filter media with the highest efficiency and lowest possible airflow resistance. The challenge was met with the development of the MEGAcel™ line of HEPA and Ultra Low Penetration Air (ULPA) filters. Helior™ media, which is core to producing the lowest pressure drop HEPA filter on the market, is designed and manufactured by AAF. The result is cleanroom filters engineered and assembled to give you the efficiency you demand with the lowest possible pressure drop.

Pressure drop is measured by a pressure device, such as a manometer, as the test filter is subjected to metered air volume. Testing on a volumetric basis is specified in the Institute of Environmental Sciences and Technology RP-CC007 recommended practice. Our engineers calculate the total square footage of media pack area (outside dimensions of filter minus the frame and adhesive thickness) and multiply this number by 100 FPM to determine an accurate volumetric test flow (this value is approximately 720 CFM for a 24" x 48" filter).

This method simulates actual cleanroom airflow conditions ensuring a true measurement of pressure drop. This is important because increased airflow resistance means more cost in the construction and operation of your cleanroom. You need the most accurate and complete testing to determine pressure drop across a filter. Our years of experience have proven that the volumetric test is essential to determine true pressure drop across HEPA and ULPA filters.



### Life Cycle Valuation Program

AAF sales representatives use an exclusive software program, Life Cycle Valuation, to tailor AAF filtration solutions to your unique circumstances and create an optimized filtration maintenance schedule for your system. AAF's LCV program puts your costs into perspective by considering all aspects of your facility and assessing a broad range of variables. Easily customized and adapted to create unique solutions.

In addition to budgetary information, your sales representative uses the LCV program to provide solutions for multiple systems showing you cost comparisons in a clear and concise summary. Some of the variables included in the query are: current cost of electricity; inflation rates associated with power, filters, and labor; filter flow capacity, face velocity, and even MERV.

Filter / Stage	Eff. / Merv	Material (\$)	Disposal (\$)	Labor (hrs)	Service Life (mos)	Initial Oper. Res.	Final Oper. Res.
MEGAcel I	99.99	390.00	100	1	25.00	0.7	1.7

## Products and Design Services

Airborne particulate and gaseous contaminant removal for cleanroom applications is our specialty. We offer a complete line of high efficiency cleanroom filters. All AAF filters are designed to comply with applicable standards and practices.

In addition, we custom design cleanroom air filtration products to meet the most demanding airflow and efficiency requirements.

Our full range of compatible products includes:

- Ceiling Modules
- Duct Housings
- Ceiling Grid Systems
- Fan Filter Modules
- Front Access Frames
- Cassettes
- Side Access Housings

## Certified Efficiency

### State-of-the-Art Testing

AAF has established an air filtration testing methodology that is among the most comprehensive and accurate in the industry. Testing is essential in documenting filter efficiency, diagnosing problems, and assisting in research and development of filtration products. Our testing facilities meet the highest standards for quality control. We perform routine, specialized testing for HEPA and ULPA filters, to ensure the cleanroom filtration products you receive meet your performance requirements.

Each HEPA filter is tested and certified to be 99.99% efficient on 0.3 micrometer size particles. Each ULPA filter is tested for efficiency and certified to be 99.9995% efficient on 0.1 to 0.2 micrometer size particles.



## The Cleanroom Team

The AAF cleanroom team is comprised of professionals focused solely on cleanroom applications. The team is active throughout the life cycle of every project: specification review, engineering design, project management, manufacturing and process control, testing and quality assurance, and field support.

Our goal is to work with you to create a cleanroom filtration system that completely protects your process or products. We stand ready to provide engineering support for the tough applications and project management support for the most complex designs.

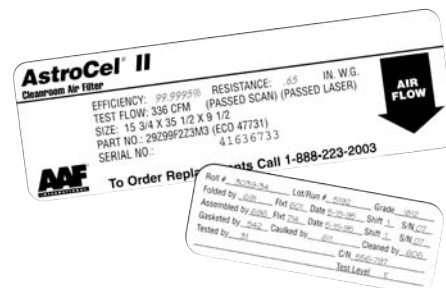
We make it easy for you to work with us. Attention to detail and a continuing dialogue between our cleanroom team and our customers are the reasons why so many OEMs and contractors have selected AAF as their source for cleanroom air filtration and gas-phase products.



AAF plant,  
Columbia,  
Missouri, USA

### Quality and Process Control

Meticulous scrutiny during every phase of the production process enables AAF to trace a filter back to the roll of media from which it was manufactured, should a defect be identified. Each filter is identified by serial and order number and labeled with performance criteria, size information, media lot number, operator number, and part number. This elaborate quality process control ensures that you receive only the highest quality cleanroom filtration products — cost-effective products that meet your toughest requirements.



AAF employs state-of-the-art testing methodology to ensure filter quality.



## HEPA and ULPA Filters

HEPA filters are the most efficient air filters commercially available. They are used in cleanrooms and other applications requiring ultra-clean air - semiconductor, electronics, pharmaceutical manufacturing, food processing, hospitals, and labs. Every MEGAcel™ and AstroCel® filter is individually tested before shipment to assure it meets rated efficiency and resistance. AAF HEPA and ULPA filters are available in a variety of efficiencies - from 99.97% tested on 0.3 µm particles to 99.99995% and higher, tested on 0.1 to 0.2 µm particles. All filters are available scan tested.

### MEGAcel™ I and AstroCel® I

**MEGAcel™ I** - HEPA filters designed to meet demanding airflow efficiency requirements. Helior membrane combines ultra-high efficiency with lowest pressure drop. Lower energy consumption — greater than 40% lower resistance. Highly resistant to corrosive environments. Negligible off-gassing properties. Meets I300I specifications. Withstands pressure up to 10 in. w.g. (2,500 Pa).

Brochure AFP-1-403

**AstroCel® I** - Designed for 125 FPM (5 7/8" deep) and 250 FPM (11 1/2" deep) filter face velocities at 1.0 in. w.g. initial resistance. Available with a variety of cell side materials, including particle board, plywood, galvanized, stainless steel, and aluminum. Gasket seal and gel seal models. Separators are available in corrugated or vinyl coated aluminum. Ultra-fine glass fiber media.

Brochure AFP-1-110

**High Capacity AstroCel® I HCX** - Designed to handle up to 500 FPM, 2000 CFM (24" x 24" x 11 1/2" size) at 1.4 in. w.g. initial resistance. Cell side materials, separators, and media are the same as the AstroCel I filter. 99.97% and 99.99% efficiencies.

Brochure AFP-1-110



*MERV 13 and higher filters meet efficiency requirements established for LEED® Project Certification.*



*MEGAcel™ I double box flange model construction*



*AstroCel® I particle board cell side construction*



*AstroCel® II LPD Series HEPA and ULPA filters*



*AstroCel® III*

### MEGAcel™ and AstroCel® II

**MEGAcel™** - Helior media filters designed to meet the most stringent cleanroom filtration requirements for fab, modular, mini, and micro environments.

Brochure AFP-1-402

#### AstroCel® II LPD Series -

Mini-pleat filter design using ribbons of media for separators. Three pleat pack thicknesses accommodate 100 FPM (2" deep), 150 FPM (3" deep) and 200 FPM (4" deep) filter face velocities at 0.54 in. w.g. or less initial resistance. Standard cell sides are extruded aluminum. Available in gasket seal and gel seal models. Ultra-fine glass fiber media.

Brochure AFP-1-404

### AstroCel® III

**AstroCel® III** - mini-pleat filters ideal for demanding operating conditions in critical applications. High capacity operation with minimal resistance to airflow; 2400 CFM rated airflow at 1 in. w.g. Longer service life - 436 square feet of media. Low energy consumption and lower costs. Chemical resistant anodized aluminum frame provides superior strength. Gasket seal and gel seal designs available.

Brochure AFP-1-405

## Disposable Ceiling Modules

### TM-2 and TM-4

Light weight, factory sealed hoods for individually ducted, vertical downflow cleanrooms. AAF ceiling filter modules utilize the AstroCel II filter mini-pleat media pack. The entire module is hermetically sealed at the factory to eliminate leak paths. Extruded aluminum housing.

Brochure AFP-1-475

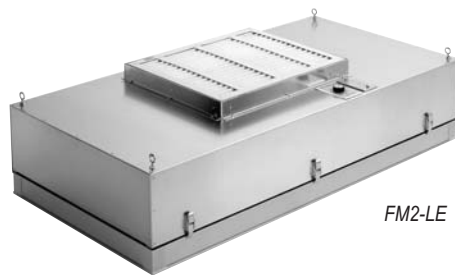


TM-2 and TM-4

### FM2-LE

Fan/Filter modules for easy delivery of clean air. Each module utilizes a rugged, energy-efficient AC motorized impeller. It can be used to upgrade an existing cleanroom, or to convert existing space into a cleanroom, without additional ductwork or air handling equipment.

Brochure AFP-1-420



FM2-LE

### PharmaGel™ and PharmaGel™ LCE

HEPA filter modules for applications requiring an easily replaceable cartridge without risk of bypass leakage.

Brochures AFP-1-408 and AFP-1-409



PharmaGel™

## Extended Surface Supported Pleat Filters

Widely used as prefilters for higher efficiency filters or to protect heating/cooling coils from becoming coated with dirt.

### PerfectPleat®

**PerfectPleat® ULTRA** - True innovation in the extended surface, pleated panel filter. Form and fit unlike any pleated filter in the marketplace. Incorporates AAF self-supporting DuraFlex® media made from virgin fiber. Consistent media with process controlled fiber size and blend. Withstands significant abuse - maintains its shape and pleat spacing. No need for wire support - totally incinerable. Made with the highest wet strength beverage carrier board available. The PerfectPleat ULTRA filter has 15 pleats per lineal foot. Incorporates antimicrobial. Covered under one or more of the following patents: US 6398839 B2; US 6254653 B1; US 6159318; US 6165242; US 6387140 B1; US 7,398,887 B2. Available in 1", 2," and 4" models. MERV 8.

Brochure AFP-1-203



PerfectPleat® ULTRA and PerfectPleat® HC M8

**PerfectPleat® HC M8** - Same construction as PerfectPleat ULTRA filter. Does not incorporate antimicrobial. Available in 1", 2," and 4" models. MERV 8.

Brochure AFP-1-200

Filters not shown:

PerfectPleat® and PerfectPleat® SC M8  
Brochure AFP-1-202

PerfectPleat® PF  
Brochure AFP-1-241

## Extended Surface Supported Pleat Filters (continued)

### VariCel®

**VariCel® M-Pak** - 6"-deep filter with the same media area and performance as the 12"-deep VariCel I filter. Uses AAF's dual-density media. Space-saving design reduces freight, storage, and handling costs. Sturdy high-impact polystyrene cell sides enclose a fixed media pack. Fully incinerable. Available in MERV 14, 13, and 11. Antimicrobial available on MERV 14 and 11 models.

Brochure AFP-1-161

**VariCel® VXL** - 8-panel high efficiency filter in an all plastic configuration. Excellent performance in difficult operating conditions. Uses AAF's dual-density media. Lightweight and easy to install. Fully incinerable. Available in MERV 15, 14, 13, and 11. Antimicrobial available on MERV 15 and 14 models.

Brochure AFP-1-162

Filters not shown:

VariCel®

Brochure AFP-1-158

VariCel® HT

Brochure AFP-1-248

VariCel® II

Brochure AFP-1-237

VariCel® II M and MH

Brochure AFP-1-239

VariCel® V

Brochure AFP-1-258

VariCel® RF

Brochure AFP-1-105



MERV 13 and higher filters meet efficiency requirements established for LEED® Project Certification.



VariCel® M-Pak

VariCel® VXL

## Multi-Stage High Efficiency Filtration System

### Bag In/Bag Out

Bag In/Bag Out side loading filter system is a safe, simple, reliable method for removing contaminated particulate filters and/or gas absorbers used for air purification in hazardous environments. With this system, maintenance personnel are protected from coming in direct contact with the interior of the housing and hazardous contaminants during filter change-out. The Bag In/Bag Out system is designed for use in any facility requiring optimum levels of safety and product integrity.

Brochure APC-1-260



Bag In/Bag Out



## Gas-Phase Filtration



AAF has assumed an industry leading position with the development of its innovative SAAF (pronounced "SAFE") product line designed to reduce or eliminate harmful gaseous contaminants. In combination with our expertise in airborne particulate filtration, SAAF products and solutions allow us to develop unique and effective total filtration solutions to protect people, processes, and equipment.

### SAAF™ Chemical Media

SAAF Chemical Media provide high efficiency filtration for effective removal of gases encountered in commercial and industrial applications. Media are available as SAAFBLENDS, individual SAAF Chemical Media, and gas specific solutions designed to safely deliver superior gas removal effectiveness on a variety of target gases. A variety of AAF energy efficient delivery systems are available to easily incorporate media into airflows. SAAF media are designed for easy, cost-effective solutions.

Brochure GPF-1-103



### SAAF™ Pleated Panel and Extended Surface Filters

AAF makes a variety of pleated and extended surface filters incorporating absorbents for odor control.

#### VariCel® RF/C and RF/C+SAAFoxi™

Extended-surface, rigid air filters provide high efficiency removal of medium and low concentrations of gas-phase pollution, odors, and particulates. Constructed with galvanized steel cell sides and plastic pleat spacers on the air-entering and air-leaving sides, these filters withstand the most demanding applications. The pleat spacers ensure that both the effectiveness and service life are maximized. Available in single-header and no-header models. Rated UL Class 2. MERV 8.

Brochure GPF-1-122

#### VariSorb® HC

High capacity disposable filter consisting of eight 1"-deep panels assembled in a V-bank configuration. Constructed of plastic, the filter features injection molded end panels made of High-Impact Polystyrene (HIPS), and extruded vertical components made of Acrylonitrile Butadiene Styrene (ABS). All assembly is with non-volatile materials. The sturdy, corrosion-free construction resists damage during shipping, handling, and operation. The media is contained in panels with a honeycomb structure. A fine mesh scrim on both sides of the panel retains the media granules in the honeycomb. Available with SAAFCarb™, SAAFOxidant™ or SAAFBLEND™ media.

Brochure GPF-1-126



VariCel® RF/C and  
RF/C+SAAFoxi™

VariSorb® HC

Filters not shown:

AmAir®/C, AmAir®/C+SAAFoxi™,  
AmAir®/CP, AmAir®/SAAFoxi™

AmerSorb® BP  
Brochure GPF-1-123

VariSorb® XL  
Brochure AFP-1-121

Brochure GPF-1-118

## SAAF™ Cassettes

SAAF V-bank Cassettes are constructed from HIPS and come pre-filled with SAAF Chemical Media. Unique, patent-pending design ensures maximum media utilization and improves fit and sealing, even when deployed in older cassette holding systems. Computational Fluid Dynamics (CFD) modeling and performance tests confirm the most energy efficient design. The resulting design and construction surpasses any competitor's cassettes in the market, while allowing users a truly better design with value-enhancing features. No glue design eliminates problems from spills, off-gassing, bypass, and leakages. SAAF media cassettes are available in Heavy Duty, Medium Duty, and Cleanroom Grade. Filled cassettes are rated UL Class 2.

Brochures GPF-1-108, GPF-1-109, and GPF-1-111



## SAAF™ Gas-Phase Equipment

### SAAF™ Front Access Housings

SAAF Front Access Housings combine particulate filters and chemical media cassettes to remove both airborne particulate and gaseous contaminants from intake, recirculated, or discharged ventilation air. Stand-alone system can be easily incorporated into new and existing air handling units; excellent for quick retrofit solutions. Housings can be stacked vertically or horizontally into filter banks for total system flexibility. Patent-pending SAAF Seal high integrity sealing system prevents bypass of contaminated air around the filter and ensures exceptional filter system efficiency. Energy efficient design reduces operating costs associated with air conditioning by allowing the maximum recirculation of tempered air.

Brochure GPF-1-115



SAAF™ Front Access Housings

### SAAF™ Side Access Housings

SAAF Side Access Housings are designed to support chemical media cassettes, prefilters and after-filters, and high efficiency particulate filters in one self-contained unit for the removal of gas contaminants and airborne particulate. Available with an internal fan and in many different combinations and sizes to meet a wide range of applications. Patent-pending SAAF Seal high integrity sealing system prevents bypass of contaminated air around the filter and ensures exceptional filter system efficiency. Double wall insulated construction to reduce noise and thermal transfer. Easy installation, operation, and maintenance.

Brochure GPF-1-106



SAAF™ Side Access Housing

Equipment not shown:

SAAF™ Air Purification Systems

Brochure GPF-1-107

SAAF™ PORTA-Scrubber

Brochure GPF-1-120

SAAF™ Machine Intake Filter Systems

Brochure GPF-1-117

SAAF™ Deep Bed Systems

Brochure GPF-1-105

## SAAF Technical Services

### Reactivity Monitoring Coupons

Reactivity Monitoring Coupon (RMC) analysis allows customers to classify their environment according to the ISA S71.04 standard and determine the types of gaseous contaminants present. RMCs determine environment reactivity through exposure in the environment and subsequent lab analysis. This technology is used to investigate the condition of control rooms or other protected environments housing electronic equipment in industrial facilities. RMCs are also used to investigate the condition of facilities storing sensitive materials such as museums and archives, data centers, and microelectronic production or storage areas.

Brochure GPF-1-128

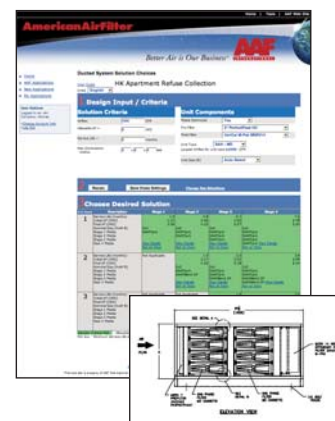


SAAF™ Reactivity Monitoring Coupons:  
Metal and Glass

### SAAF™ Tech Tools

SAAF Tech Tools is the filtration industry's most sophisticated and complete decision sciences software for configuring clean air solutions to remove airborne gaseous contaminants. SAAF Tech Tools allows the user to select the appropriate chemical media and equipment solutions by entering application specific data or by selecting from a vast library of pre-configured applications and typical concentrations of contaminants. SAAF Tech Tools provides design parameters and technical proposals that include a complete summary report, drawings, sales brochures, installation manuals, specifications, and MSDS sheets. The software is extremely flexible, providing extensive customization and multiple solutions (if appropriate) to allow the user to configure the exact clean air solution required. All user input can be saved in a personalized library, with a user-designated title and password access protection.

SAAF Tech Tools offers detailed information on contaminants, adsorbers, and media, and also provides links to industry information relevant to the user's application and suggested solution.



Select and compare chemical media and equipment solutions using SAAF™ Tech Tools decision-sciences software.



### Remaining Life Analysis

Remaining Life Analysis provides information on media activity to assist customers in checking the condition of media, scheduling media replacements, and controlling costs by replacing media at the proper time. AAF recommends this analysis for standard SAAF Chemical Media to optimize media choices and maximize system life.

Brochure GPF-1-133

Detailed example of AAF's Remaining  
Life Analysis Report



# Cleanroom Filtration Products and Capabilities

## Customer Service

### Cleanroom Solutions Team

Industry experience, engineering expertise, extensive product line, worldwide manufacturing capability, and an uncompromised commitment to quality define AAF. But what really places us ahead of the competition is our willingness to work with our customers. We tackle the tough, one-of-a-kind projects. We are willing to meet the most stringent specifications and develop systems and products that do the job.

With a commitment to customer service; the strength and resources to support your most critical requirements; and the quality of our existing customer installations to build on, AAF is well positioned to meet our cleanroom customers' needs worldwide, now and in the future.



### Customer Support When You Need It

Our cleanroom team is staffed by professionals ready to go to work for you. Construction and certification are key phases of a cleanroom project. On our team are specialists, with years of experience in the cleanroom industry. They are available for consultation when problems arise, or at any time their expertise and advice is needed. We are always there to help provide the best conditions for the operation and maintenance of your cleanroom.

Our systems and products are designed for a long operating cycle. Reliability can be guaranteed, if you use original AAF parts and filter elements. New filter elements and parts can be ordered from us, or any of our affiliated companies.

### Cleanroom Partner Network

At AAF, we realize the need for clean air can exceed the reach of our direct sales force. That is why we have partnered with some of the best cleanroom distributors in the business. Through this unique relationship, our air filtration experts work together with our partners to provide them with training, technical support, and leadership. In turn, our partners provide customers with superior local service and the best brand in the industry.

AAF understands the requirements of our partners and we have a dedicated team ready to serve.

## AAF Service and Manufacturing Locations

### Corporate Headquarters

Louisville, Kentucky

### AAF Full Service Centers

Dallas, Texas

Doraville, Georgia

Elizabethtown, Pennsylvania

Lebanon, Indiana

Ontario, California

### Fiberglass Products Manufacturing

Fayetteville, Arkansas

### High Efficiency and HEPA Products Manufacturing

Columbia, Missouri



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Louisville, Kentucky 40223-6169

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AAF has a policy of continuous product research and improvement and reserves the right to change design and specifications without notice.

ISO Certified Firm

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