



Better Air is Our Business®

## AmericanAirFilter®

# SAAF™ Airborne Molecular Contaminant (AMC) Chemical Media and Catalysts

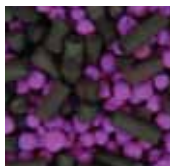
- Municipal Odor Control
- Corrosion Control
- Indoor Air Quality
- Emergency Gas Scrubbing
- Electronic Cleanrooms
- Industrial and Process Gas Streams

SAAF™ AMC Chemical Media and Catalysts provide high efficiency filtration for effective removal of AMC's encountered in industrial, commercial, cleanroom and municipal contaminated airstreams. With a wide variety of media to chose from, AAF is uniquely qualified to design application appropriate solutions for customer specific problems. Using AAF's proprietary decision sciences software, AAF's technical experts can optimize a solution for media life, pressure drop (energy savings) and footprint.

SAAF AMC Chemical Media are available as SAAF Custom and SAAF Gas Specific Solutions. A variety of AAF specific pressure drop-friendly delivery mechanisms are available to easily incorporate SAAF AMC Media into airflows. (See brochure GPF-1-104)

### SAAF Blends

Each SAAF blend is a proprietary blend designed for air quality treatment within specific applications. SAAF blends contain different compositions of SAAF media which when utilized in the intended application, provide a comprehensive environmental air quality solution. SAAF blends may be employed for use in treatment of outside air, recirculation air, or use in specific microclimate environments.



#### Typical Applications:

SAAFBlend GP: General purpose air quality control  
 SAAFBlend WS: Wide spectrum air quality control applications environments.



### SAAF Gas Specific Solutions

Designed for targeted gas removal, SAAF Gas Specific Solutions serve as enhanced value replacements for existing and older chemical filtration systems.



SAAFOxidant

**SAAFOxidant:** Effective air quality control via chemisorption of hydrogen sulfide, sulfur oxides, formaldehyde, nitric oxide, and reactive organics.

**SAAFCarb:** Effective air quality control via adsorption of Volatile Organic Compounds (VOC's).

**SAAFCarb MA:** Effective air quality control via chemisorption of acid gas.

**SAAFCarb MA.HT:** Air quality control via adsorption and chemisorption of acid gases. This chemical media has a high ignition temperature and is useful in critical application areas.



SAAFCarb

**SAAFCarb MB:** Effective air quality control via chemisorption of amines and ammonia.

**SAAFCarb MC:** Effective air quality control via chemisorption of chlorine gas.

**SAAFCarb MM:** Effective air quality control via chemisorption of mercury vapors.

## SAAF™ Airborne Molecular Contaminant (AMC) Chemical Media and Catalysts



### SAAF Technical Services

Evaluations include:

- Particulate contamination assessments, recommendations, and product solutions
- Gaseous contaminant assessments, recommendations, and product solutions
- Humidity assessments, recommendations, and product solutions
- Product life cycle assessments and recommendations
- Room integrity verification, sealing checks, and HVAC system checks

The SAAF Technical Services Group has the instrumentation and training to perform comprehensive evaluations and environmental assessments. All tests are carried out and correlated to applicable industry standards.

### AAF Innovation and Engineering

AAF's technologies and innovations have steered the air filtration industry for the past 8 decades. From its modest beginning in 1921, when the first air filtration technology was developed by our founder, William Reed, the company today employs more than 100 engineers and has sales offices worldwide. We hire design and product development engineers who understand the importance of global design validity, the benefits of easy product use, protection of natural resources, and the need to provide a product experience that enriches human existence.

### AAF Service and Commitment

AAF is committed to an exceptional end-user product experience. AAF is the only air filter company with a direct force of factory trained representatives. AAF's sales, service, and technical employees provide back-up and product support around the globe. All this, while making it easy to work with AAF.

### AAF Quality Control, Operations, and Manufacturing Standards

AAF maintains quality, operating, and manufacturing standards as a major cornerstone of its global strategy. Our QC teams are present in every manufacturing facility. We are proud to display the various supplier awards with which we have been credited. While ISO certification and quality compliance are important to us, it is consumer awards, such as the G.E. Global Quality Supplier Award and Rolls Royce Best Manufacturer Award, that make us proud. It is assuring to see that our end-users value quality as much as we do.

AAF's Global Operations Teams, supported by skilled teams of industrial, manufacturing, and project engineers, work continuously to improve AAF's product reliability, quality, and global manufacturing practices.



SAAF™ Side Access Housings offer superior air filtration solutions suitable for a variety of applications.



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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