



Better Air is Our Business®

AmericanAirFilter®

SAAF™ Chemical Media and Catalysts

- *Corrosion Control*
- *Electronic Cleanrooms*
- *Emergency Gas Scrubbing*
- *Indoor Air Quality*
- *Municipal Odor Control*

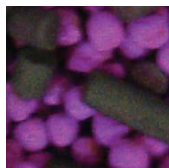
SAAF gas-phase chemical media and catalysts provide high efficiency filtration for effective removal of gases encountered in industrial, commercial, cleanroom and municipal contaminated airstreams. With a wide variety of media to choose from, AAF is uniquely qualified to design application appropriate 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.

A variety of AAF specific pressure drop-friendly delivery mechanisms are available to easily incorporate SAAF media into airflows.

(See brochure GPF-1-104)

SAAF™ Chemical Media Blends

SAAF media blends contain different compositions of SAAF media which provide a comprehensive environmental air quality solution. SAAF media blends may be employed for use in treatment of outside air, recirculation air, or use in specific microclimate environments.



Typical Applications:

SAAFBlend GP, SAAFBlend GP SC:
General purpose air quality control.

SAAFBlend WS:
Wide spectrum air quality control.



SAAF™ Chemical Media

SAAF chemical media include the following media options. These can serve as replacement media in existing chemical filtration systems or work within new SAAF energy efficient equipment to provide clean air.



SAAFOxidant™

SAAFOxidant, SAAFOxidant SC:
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 (VOCs).*

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



SAAFCarb™

SAAFCarb MA.HT: *Air quality control via adsorption and chemisorption of acid gases. This chemical media has a high ignition temperature and is ideal for hydrogen sulfide removal.*

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

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

SAAF™ Chemical Media and Catalysts



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.

SAAF™ Laboratories and Technical Services

SAAF Laboratories offer services to evaluate media and site environmental conditions. 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. Reactivity Monitoring Coupon Analysis allows customers to classify their environment according to the ISA S71.04 standard and determine the types of gaseous contaminants present.

Technical Service Evaluations include: particulate contamination assessments, gaseous contaminant assessments, humidity assessments, product life cycle assessments, room integrity verification, and sealing and HVAC circuit checks.

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.



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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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