

## **Secure Advanced Air Filtration Side Access Housings**

*Better Air is Our Business®*

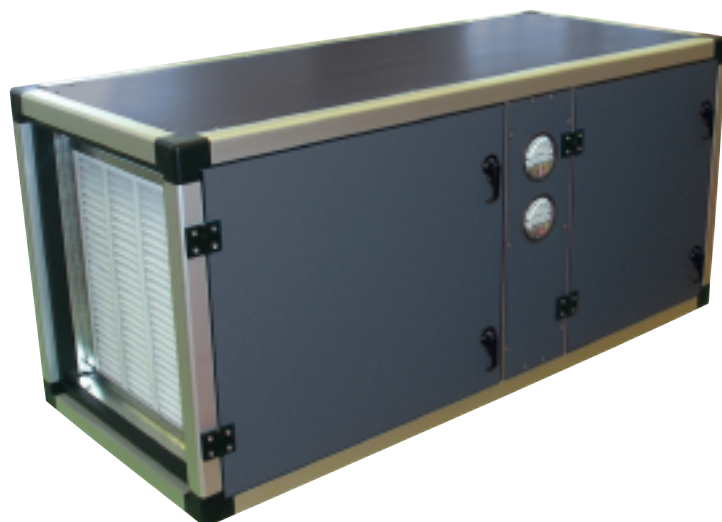


# Secure Advanced Air Filtration Side Access Housings

***SAAF Side Access Housings are easily integrated into an HVAC system's existing duct layout.***

## ***SAAF Side Access Housings:***

- Are available as Horizontal Units (SAAF:SAH.H)
- Are available as Vertical Units (SAAF:SAH.V)
- Can be combined with AAF's patented technologies to provide air free of particulates and problem gases
- Are the best in-duct solution for complete protection from particulate, Nuclear, Biological and Chemical (Gaseous) hazards.



## **Features**

- Heavy Duty industrial grade and aesthetic commercial grade construction for maximum protection
- Ultra-modern double walled construction for whisper quiet operation
- Smart systems for energy conservation
- Certified energy efficient design
- Patented sealing technologies for near absolute sealing to provide superior by-pass reduction even after years of service.
- Advanced safety features, electronic controls and sensing technologies
- Quick chemical media loading and unloading capability for reduced maintenance down-time
- Automatic chemical media life test capabilities
- Designed, Engineered and Manufactured by AAF's Global Design and R&D teams
- Quality systems compliance to ISO, CE, and AAF-McQuay QA
- Serviced and protected by AAF in-country global manufacturing and service network

## **Options**

- Single and 'No-stain' double walled construction for whisper quiet operation
- Available in 316 and 304 stainless steel, aluminum, CRS powder coated or Galvanized MOC
- 100% fan redundancy and back up capability
- Easy integration with AAF-McQuay high efficiency and high capacity energy efficient products.
- Digital controls
- Explosion proof options
- Variable speed controls
- Temperature and pressure sensors
- Wide range of custom sizes and options

## **Applications**

- Multiple In-Duct Protection Applications
- General IAQ Protection
- Odor Control
- Corrosion Protection
- Nuclear Hazard Protection
- Bio Hazard Protection
- National Heritage Protection
- Safe shelters from War Gases
- Research Laboratories

## 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.

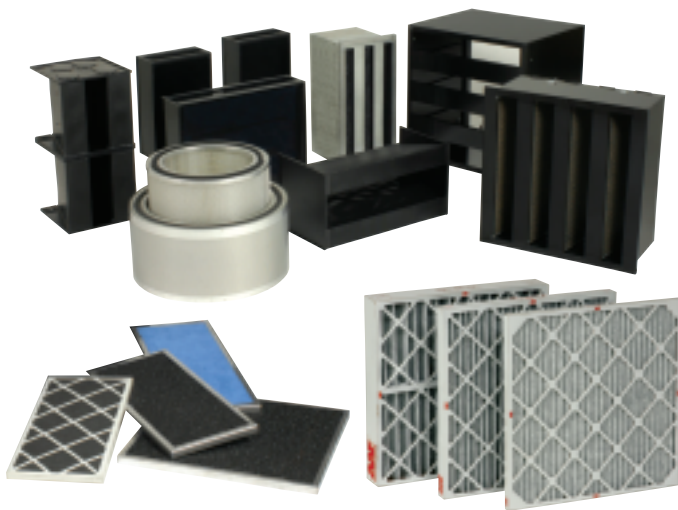


*The SAAF Technical Services Group has the instrumentation and training to perform comprehensive evaluations and environmental assessments. All test are carried out and correlated to applicable industry standards.*

Room Integrity Verification, sealing checks and HVAC circuit checks  
SAAF SAH are available in thousands of custom configurations. SAAF SAH use genuine AAF patented particulate technologies and SAAF AMC Chemical Media and Delivery Mechanisms to provide ultra clean air.



*SAAF AMC removal media and catalysts provide high efficiency filtration for effective removal of AMC's encountered in airstreams.*



*SAAF Cassettes, Cartridges, and Replacement Panels are available across a complete range of pressure drop and removal efficiencies.*

## Side Access Housing SAAF:SAH



*On display at trade show in Suzhou, P.R.China.*



*Comprehensive Quality Assurance in Cramlington, U.K*

### SAAF Side Access Housings:

- Are available in custom sizes to suit individual duct layout and filtration needs.
- Are available with AAF's patented high-capacity air filtration technologies.
- Provide utmost flexibility by allowing multistage filtration in one unified package.



## **AAF Innovation and Engineering**



AAF's technologies and innovations have steered the air filtration industry for the past eight 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 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.



## **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-International B.V.**

P.O. Box 7928  
1008 AC Amsterdam  
The Netherlands  
Tel.: + 31 20 549 44 11  
Fax: + 31 20 644 43 98  
[www.aafeurope.com](http://www.aafeurope.com)

### **International AAF Offices:**

Amsterdam (NL), Athens (GR), Brussels (B), Cramlington (GB), Dortmund (D), Dubai (UAE), Helsinki (Fin), Istanbul (TR), Lisbon (P), Louisville, Ky (USA), Madrid (E), Mexico (Mex), Mozzate-Co (I), Paris (F), Bangalore (IND), Riyadh (KSA),

Shah Alam (Mal), Suzhou, Shenzhen (PRC), Singapore, Taiwan, Vienna (A)

### **AAF Agents:**

Johannesburg (RSA)



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

GPF-1-106 DEC '05 IM 5M

© 2005 AAF International