

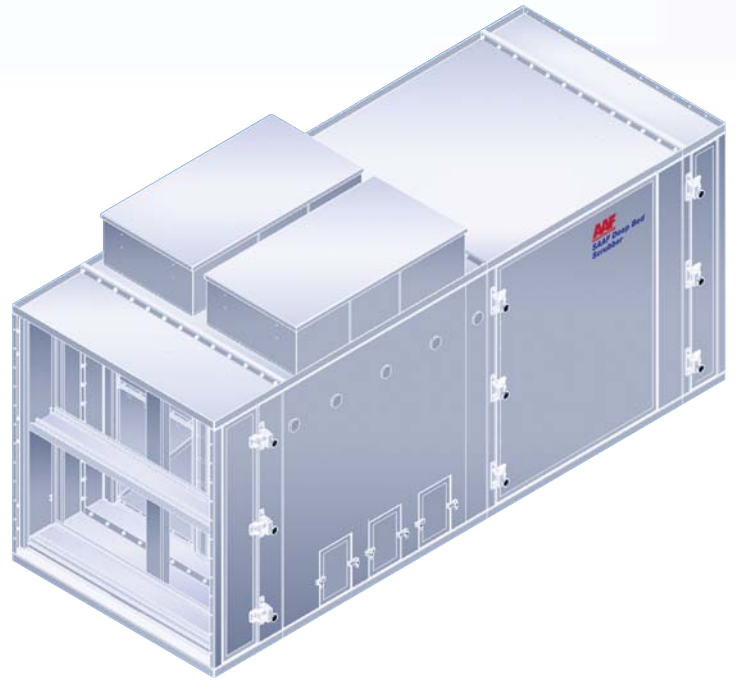
AmericanAirFilter®
SAAF™ Deep Bed Scrubber

Patent Pending Design

SAAF™ Deep Bed Scrubber

New Generation Energy Efficient Design

- Combines AAF's particulate and gas-phase technologies for an AAF Total Filtration Solution
- Provides highest 'chemical media-to-air' ratio for heavily polluted environments that require air quality guarantees and optimal cost of ownership
- Chemical media bed screens can be field-configured per specific end user requirements
- Incorporates AAF's staged monitoring technologies for accurate service life predictions
- Available with internal fan: wide range of sizes and combination of AAF Filtration technologies
- Offers the best flexibility and control to adapt to changes in the environment



Typical Applications

SAAF Deep Bed Scrubbers are used in mission-critical and industrial applications around the world. Suitable for the most challenging applications where heavy particulate and Airborne Molecular Contaminant loading is anticipated, our SAAF Deep Bed Scrubber is ideal for high concentration applications such as:

- Pulp & Paper
- Oil and Gas
- Wastewater Operations
- Garbage Depots
- Incineration Plants
- Wet Wells
- Process Areas
- Emergency Safe Rooms
- Data Centers
- Other Highly Polluted Environments

Features:

- Painted CRS or Stainless Steel construction
- Incorporates AAF's particulate filtration technologies
- Internal or externally mounted, energy efficient, corrosion-resistant, direct-drive blower
- Structural Skid Base for easy installation
- Chemical media beds with AAF monitoring technology throughout
- Bulk media filling ports and clean out gates
- Optional pre-wired control panel w/ VFD
- Optional redundant fans



AAF Total Filtration Solutions - Prefilter and final filter options available

Advantages

SAAF Deep Bed Scrubbers are designed to minimize waste and optimized odor or corrosion control in any environment. Our equipment balances your energy and capital costs with effective odor control – giving you longer service life out of your filtration products.

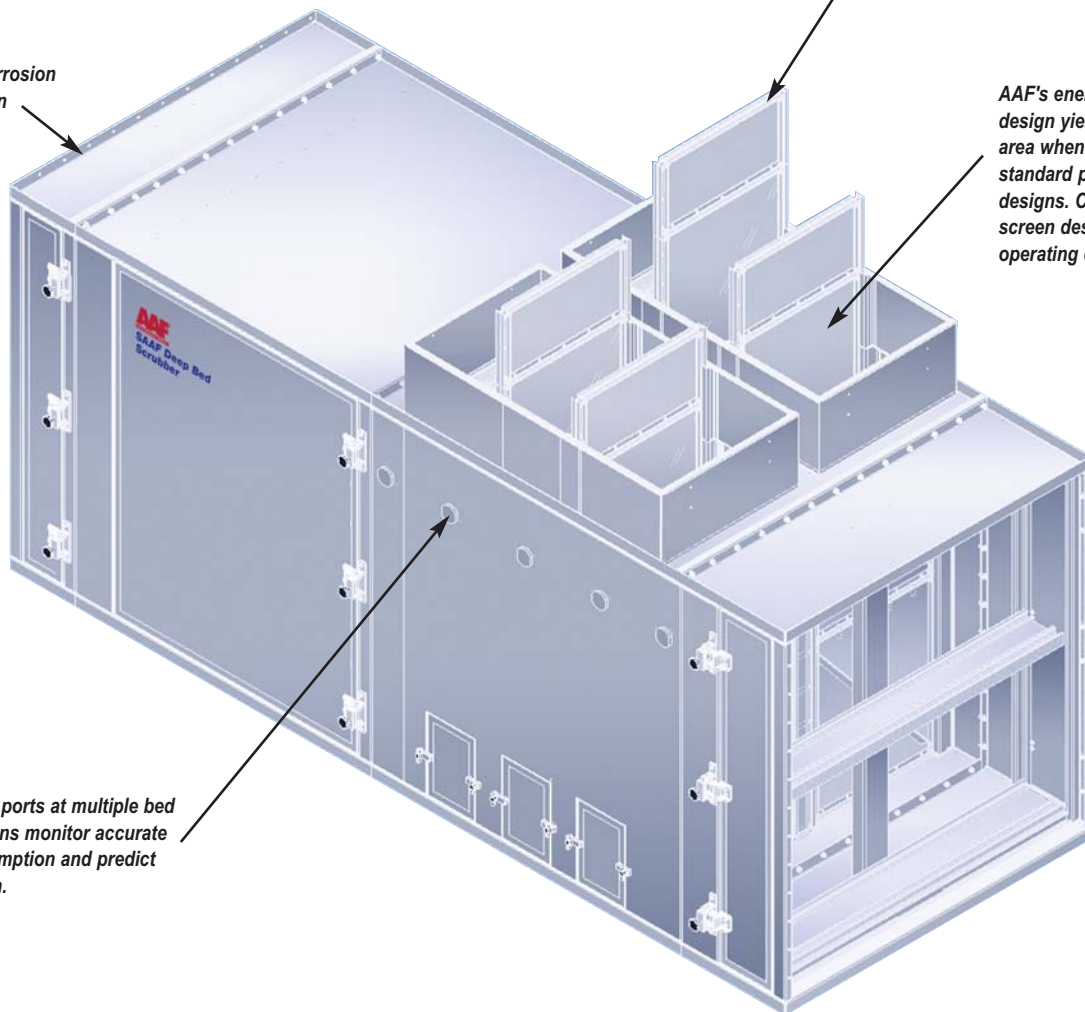
- Energy efficient
- Energy efficient chemical media screens
- CFD validated to ensure uniform media usage
- Chemical media bed depths can be reconfigured in the field
- Chemical media screens can be easily removed for equipment maintenance

Superior outdoor, corrosion resistant construction

Adjustable Media Beds can be reconfigured based on seasonal or varying contaminant load

AAF's energy efficient screen design yields the highest open area when compared to standard perforated plate designs. Carefully engineered screen designs equate to lower operating costs.

Air sampling ports at multiple bed depth locations monitor accurate media consumption and predict breakthrough.



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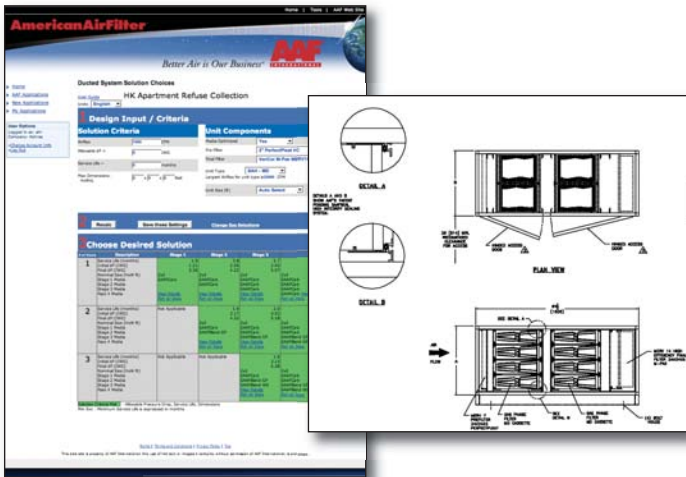
SAAF™ Technical Services

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. Evaluations are performed to target specific contaminants and provide recommendations and product solutions.

SAAF™ Tech Tools

AAF's exclusive SAAF Tech Tools is the filtration industry's most sophisticated and complete decision-sciences software for configuring clean air products to remove airborne gaseous contaminants. Extremely flexible, SAAF Tech Tools provides extensive customization and multiple solutions.

SAAF Tech Tools makes detailed information on contaminants, adsorbers, oxidants, and links to industry information relevant to specific applications available at your fingertips.



Select and compare media and equipment solutions using SAAF™ Tech Tools.

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.