

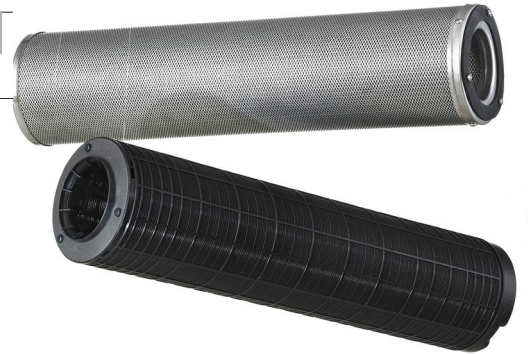
THE WORLD LEADER IN CLEAN AIR SOLUTIONS

# SAAFCanister™ Delivery System

## SAAFCANISTER™ CYLINDRICAL CARTRIDGES

- Sturdy construction
- High ease of use
- Available in metal and plastic
- Standard dimensions

The SAAFCanister™ delivery system consists of multiple individual canisters in metal or plastic execution, assembled into a galvanized sheetmetal holding frame to fit standard dimension filter sections in air handling units. SAAFCanisters™ come factory-ready for installation. No special tools are needed to replace a canister. The individual canister seals and holds in the frame due to its unique seal and bajonetstyle clamping mechanism.



### Canisters

SAAFCanister™ is factory pre-filled with user-specific chemical media. Each canister is vibration filled to ensure that the media is uniformly packed. Each canister is then plastic bagged and carton packed.

### Choice of Construction Materials

A wide range of construction materials is available for the canisters, including stainless steel, galvanized steel and high impact Polystyrene (HIPS). HIPS canisters can be entirely disposed-off as industrial waste. Refilling is not required. Metal canisters need to be emptied before the media can be discarded. Always follow the local, state or federal regulations.

### Choice of Media

SAAFCanisters™ can be filled with a wide range of gas specific media or custom blends. These include standard SAAFCarb™ media or impregnated SAAFCarb™ media, SAAFOxidant™ and SAAFBlend™. For details please refer to the back side of this leaflet.

### Application Guide

Always use adequate prefiltration to avoid dust settling on the chemical media. This ensures optimized lifetime of the chemical filter system without increase of pressure drop. Pre-filtration should be a compact, pleated or mini-pleated filter cell.

### Service

AAF International will be pleased to offer you a maintenance contract for your chemical filter system. This includes removal of the used elements, cleaning of the installation and installation of new elements. Disposal in accordance with regulations and/or refilling.

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## Holding Frames and SAAFCanister

Type	Material	Diameter (mm)	Length (mm)	Volume (l)
SCR18:RM	Galvanized steel	145	452	4,4
SCR18:RS	Stainless steel	145	452	4,4
SCR18:RP	HIPS	145	452	4,4
SCR24:RM	Galvanized steel	145	600	5,9
SCR24:RS	Stainless steel	145	600	5,9
SCR24:RP	HIPS	145	600	5,9

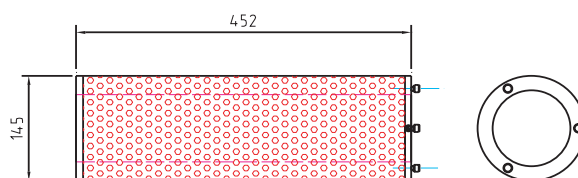
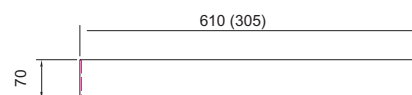
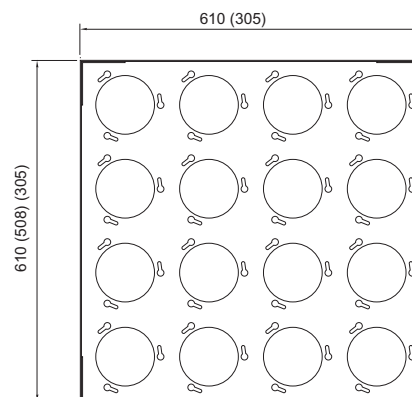
Type	Application	Target Contaminants
SAAFCarb	Airports, Pharma & Food	Hydrocarbons
SAAFCarb MA Plus	Industry	Mineral acids
SAAFCarb MB*	Industry	Ammonia, amines
SAAFCarb MS	Industry & Waste Water	H <sub>2</sub> S, SO <sub>2</sub>
SAAFOxidant	Museums & Libraries	H <sub>2</sub> S, SO <sub>x</sub> , NO <sub>x</sub> , Formaldehyde
SAAFBlend GP	General Purpose	General Gas Removal

\* Only in combination with stainless steel canister

Frame Size	Dimensions (mm) WxHxB	Number of Canisters
SCRF16	610x610x70	16
SCRF12	508x610x70	12
SCRF8	305x610x70	8
SCRF4	305x305x70	4

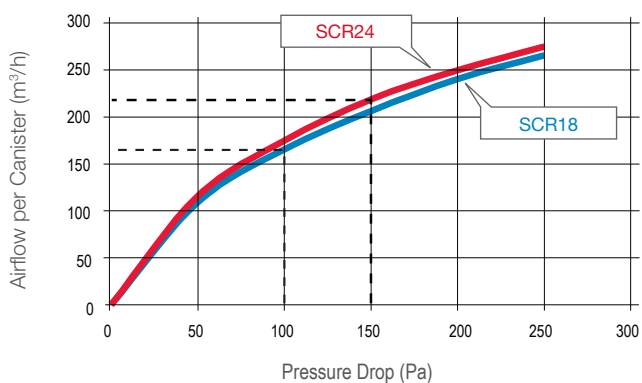
\* Engineered chemical media for special application upon request

Relative Humidity	< 70%
Temperature	< 55 °C



## Performance Data

### Pressure Drop vs Airflow



AAF International  
European Headquarters  
Odenwaldstrasse 4, 64646 Heppenheim  
Tel: +49 (0)6252 69977-0  
aafintl.com

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

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