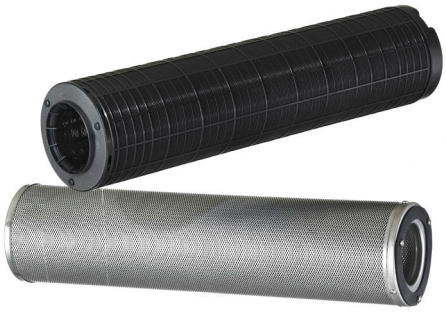
SAAFCanister™ Delivery System

HIGH EFFICIENCY GAS PHASE FILTER CLASSIFIED ACCORDING TO ISO 10121-3



Features and Benefits

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

Applications

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.

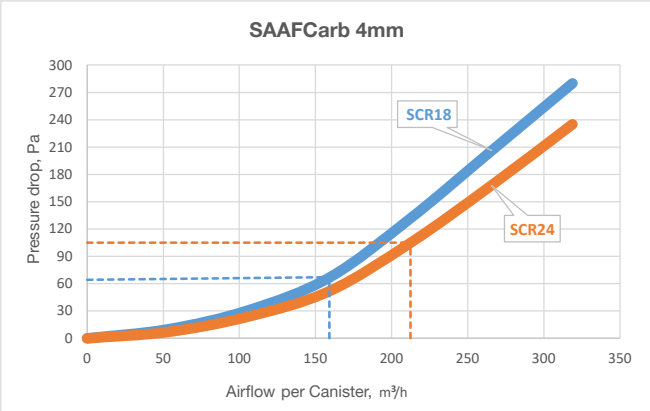
Application guide

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.

Configurations

Filter media	SAAFCanister™ is factory pre-filled with user-specific chemical media: Standard SAAFCarb™ media or impregnated SAAFCarb™ media, SAAFOxidant™ and SAAFBlend™
Construction material	Stainless steel, galvanized steel and high impact Polystyrene (HIPS)
Max. operating temperature	70 °C
Maximum relative humidity	70 %

Performance



Filter name	Dimension of Cylinder (mm) H*D	Amount of cylinder in 610 x 610 mm frame	Nominal Air flow (m³/h)	Initial dp (Pa)	Weight per galv. Cylinder (Kg)	ISO 10121-3 Toluene	ISO 10121-3 SO_2	ISO 10121-3 NO_2	ISO 10121-3 Ozone
SAAFCanister SAAFCarb, 4mm	450 x 145	16	2500	65	3.9	HD 95	HD 90	MD 75	HD 95
SAAFCanister SAAFCarb, 4mm	600 x 145	16	3400	105	5.2	HD 95	HD 90	MD 75	HD 95

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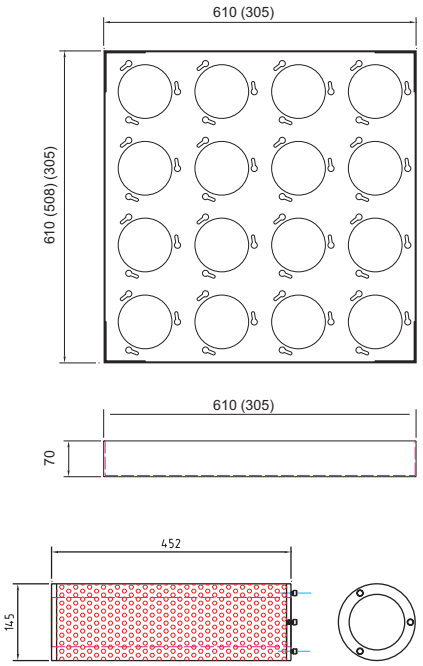
Holding Frames and SAAFCanister

Type	Material	Diameter (mm)	Lenght (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, VOC
SAAFCarb MA	Industry	Mineral acids
SAAFCarb MB**	Industry	Ammonia, amines
SAAFCarb MS	Industry & Waste Water	H_2S, SO_2
SAAFOxidant	Museums & Libaries	H_2S, SO_X, NO_X, Formaldehyde
SAAFBlend GP	General Purpose	General Gas Removal

** Engineered chemical media for special application up on request*

*** 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

SAAFCanister™ is a registered trademark of AAF International in Europe and other countries

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