

PureGate®

High performance chemical filter with pleated structure

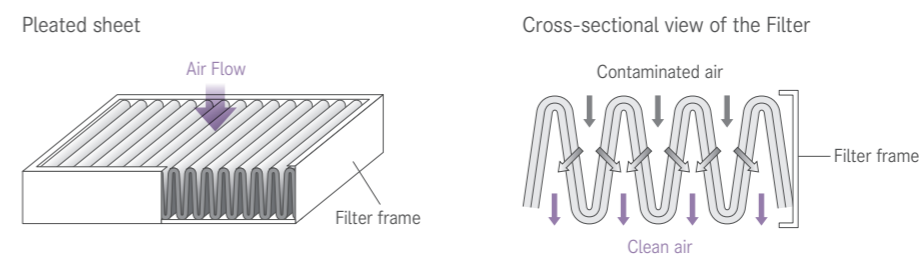
For multiple types of gases.
Furthermore, realize longer lifetime and lower pressure loss.



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Filter type
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Also for medium performance use
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Pleated structure
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For FFU
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For equipment

Features

- The chemical filter medium is sandwiched by nonwoven fabric to form a sheet that is efficiently woven to form a pleated structure to realize a long service life and low pressure loss. It contributes to the reduction of the running cost of the equipment.
- Since up to three layers can be stacked, one filter can be used for multiple types of gases.
- The size can be produced according to your request. A wide range of applications are possible by selecting the sheet and thickness.



Types of target substances and sheets

Target gas	Main target gas	Model	Filter media	Type
Organic gas	Organic gas, such as toluene, acetone, siloxane, And phthalate ester	JK	Activated carbon	Standard
		YK		High efficiency / long service life
Acid gas	Acid gas, such as hydrochloric acid, nitric acid, sulfuric acid, and acetic acid	JA	Ion-exchange resin	Standard
		YA		High efficiency / long service life
		EH	Activated carbon	Standard
Alkaline gas	Alkaline gas, such as ammonia, NMP, and amine	JF	Ion-exchange resin	High efficiency / long service life
		YF		Standard
Acid / alkaline gas	Acid / alkaline gas	EN	Activated carbon	High efficiency / long service life
Aldehydes	Formaldehyde, acetaldehyde, etc.	JD	Ion-exchange resin	Standard
Particle	Dust	B	Medium Performance Media	Removal of dust (particles)

※For terms of use, etc., please refer to the "Request" on the back cover.

Pressure loss

J type (standard thickness) 2-layer product Pressure loss

