ROKITECHNO

Glass Fiber Pleated

Mist Separator

MSTA Type

Major Applications

Removal of oil and moisture in gas

Examples: Compressed air, gas

Features

- Multi-layered micro fiberglass filter media
- Pleated type with a large filtration area

Advantages

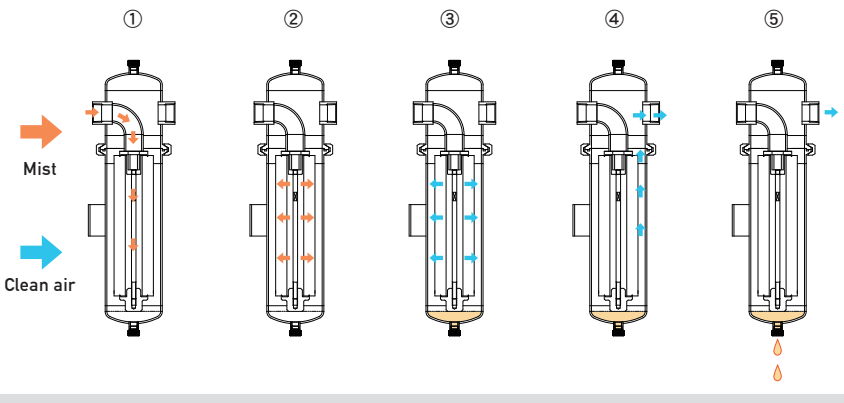
- Efficiently separates oil and water
- Oil aerosol removal performance of 0.3 μm > 99.99%
- Low differential pressure

Specifications

Materials	E.F.A.	0.25m²/250mm
	Media	Resin-impregnated glass fiber
	Core/Cage	SUS304
	Support	Polypropylene
	End Cap	SUS304
Maximum ΔP		0.34MPa at 20℃ (49psi at 68°F)
Maximum Operating Temp		60℃ (140°F)
Dimensions	Length	250／500 mm
	O.D.	67.5mm
	I.D.	27.0mm

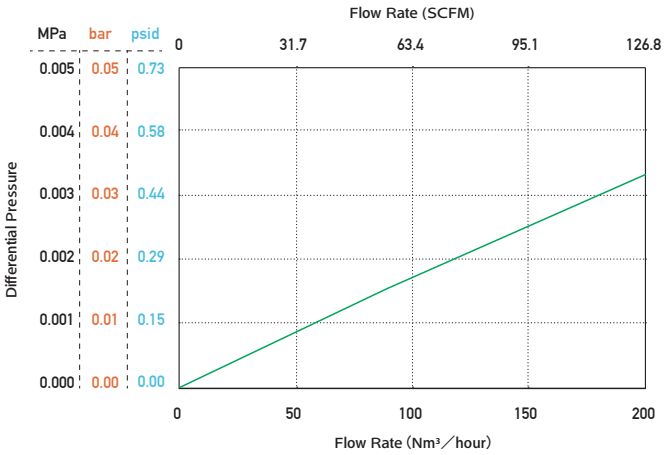
How to use the oil mist separator

1. Air and gas flow from the inside of the filter cartridge to the outside.
2. The mist component is filtered out.
3. In the filter layer, small particles of mist grow into large droplets.
4. Oil and water droplets accumulate at the bottom of the housing.
5. Oil and water are periodically drained out from the drain.



Differential Pressure vs Flow Rate

Fluid: Air / Cartridge Length: 250mm



*SCFM: Temperature 21.1℃ (70°F), Humidity: 0% RH, Standard pressure (101.3kPa)

Aerosol Particle Removal Efficiency

PAO Particle (0.3 μm) 99.99%

Test Conditions

Equipment	: Scanning Mobility Particle Sizer
Filtration	: Single Pass
Fluid	: Clean and dry air
Flow Rate	: 0.25m³／s at 20℃ (68℉)

Ordering Information

Length	Product Type	Gasket	Packaging Code
250 L	-MSTA-	A03 N F	A
▼		▼	▼
250 = 250mm		N = NBR	1pc
500 = 500mm		V = FKM	

*The contents of the catalog are subject to change without notice.
*The performance data listed in the catalog are Typical values obtained under specific conditions based on our tests.

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For our technical information, please click here.▼

Manufacturing is based on our Quality Management Systems that meet ISO9001 standards.

Scope

Design, Development, manufacture, and sales of filter cartridges, housings and filtration equipment.

ISO 9001 JQA-QMA16323

JAB MS CM009

6th Issue
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