

# OPERATION MANUAL

## ODOUR REMOVAL FILTER

Series AMF

To get the best performance from your purchase, be sure to read this manual carefully before use.

Refer drawings or catalogue for construction and specifications.

Understand this operation manual will be revised without notification.

### MERITS

- Activated carbon fiber element eliminates odour from compressed air.
- Filtration rating: 0.01  $\mu\text{m}$  (Filtration efficiency: 99.9%)
- Outlet cleanliness: 100 or less /  $\text{ft}^3$  of 0.3  $\mu\text{m}$  or more of particle (35 or less / 10L (ANR))

### HINTS ON CORRECT USE

Keep following to operate Odour removal filter properly.

#### Do not use under following environment.

Chemicals

Corrosive gas + Atmosphere  
Containing organic solvent

Environment  
Higher than  
60

Environment  
Lower than 5

Vibration,  
Impact

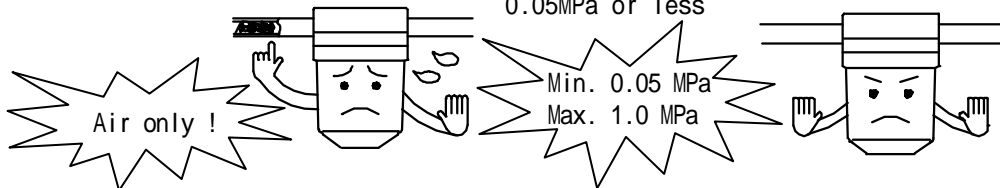
**! WARNING**

**Following environments lead to cause breakage. Broken pieces injuring if broken.**

#### Do not use under following conditions.

Fluid other than compressed air

Air pressure more than 1.0 MPa\* and 0.05MPa or less

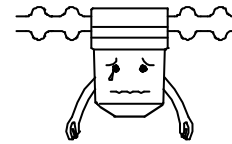


\* Option H: 1.6 MPa  
( Only 150C ~ 550C )

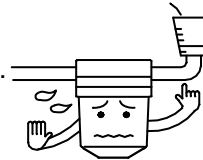
**! WARNING**

**Following environments lead to cause breakage.**

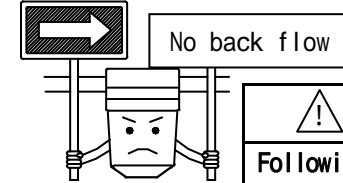
Place where more than 0.1 MPa of intermittent pressure drop occurs.



Over rated flow



Place where air flows backwards

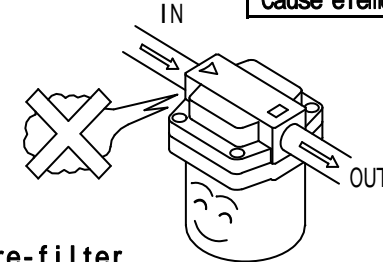


**! WARNING**

**Following conditions Cause element breakage**

### Precautions for installation.

- Install vertically.
- Flush inside of pipings with air.
- Ensure no leakage.
- Keep sight glass in front.



Never fail to install one of "AMD", "AMH", "AME" as a pre-filter.  
Never fail to use dry air. Deodorization may deteriorate if water drop is contained in compressed air.

### MAINTENANCE

Since element life depend on odour concentration of compressed air, it can not be specified. Confirm deodorizing capacity remaining period, and replace the element periodically afterwards. However, replace element with new one when element has been used for 2 years, or when pressure drop reaches 0.1 MPa.

Element ass'y (gasket, o-ring accessory) model number: AMF-EL\*\*\*

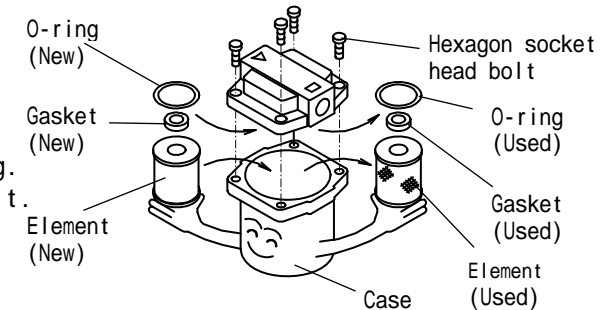
\*\*\* is AMF size symbol. (ex.: AMF-EL150)

#### 【How to replace element ass'y】 First, discharge the pressure in the body. (Make pressure 0 MPa.)

- Remove four hexagon socket head bolt.
- Replace element, gasket, o-ring.
- Tighten hexagon socket head bolt.

Reference table production no. showing production month and year of a filter. (Mo 2008.1)

SYMBOL	M	N	o	...	Z
Year	2008	2009	2010	...	2021
SYMBOL	o	P	Q	...	Z
Month	Jan	Feb	Mar	...	Dec



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