

## Siloxane Ozone remover SFX90series HANDLING PRECAUTION

Use hits this product, understands the following cautions sufficient, use.  
For function, mistaking operation may not be loss accident.  
This handling precaution must keep carefully, and I read the required time.  
Read the instruction manual and products catalog about details still more.

### Precautions Inline type clean filter cautions

#### WARNING

#### Design/selection

1. Use at an ozone concentration of 0.5ppm or less.  
Prolonged use at levels above 2ppm may cause activated carbon to become brittle or generate heat.
2. Always operate the product within its specifications.
3. This product is designed for industrial use. Do not use in any equipment or circuit that concerns human life.
4. Avoid air flow containing corrosive gas (strongly acidic gases such as hydrogen sulfide, sulfur dioxide, hydrogen chloride or fluorine) or strongly alkaline gas (amines, ammonia, caustic soda, etc.).
5. Do not subject the product to sudden pressure changes.  
When installing valves or other devices before and after this product and when pressurizing or depressurizing, operate the valves slowly. Sudden operation of the valves can lead to element damage.

#### CAUTION

1. Check the working circuit and working fluid.  
To prevent drop in filter performance, install dryer, air filter and oil mist filter on the primary side, and remove water or oil.
2. Do not exceed max. working or differential pressure.  
Not observing this could damage the product or element.
3. Do not flow over the max. flow rate. Doing so may degrade the filtration accuracy and damage the element.
4. Do not use beyond the maximum operating temperature.  
Removal performance may decrease.
5. The remover specification is performance based on our evaluation method.
6. Siloxane removal targets low-molecular-weight siloxanes. Performance test data is for D5 (decamethylcyclopentasiloxane).
7. This device cannot be used as a filtration filter.
8. There is no anti-bacterial/bacteria removing function in the remover.
9. Even after the removal of ozone by the remover, there is a possibility that new ozone may be generated in the piping due to piping conditions, etc.

#### CAUTION

#### Mounting, installation

1. Avoid installing this product where it is subject to direct ultraviolet.
2. Check the flow direction with arrow and connect correctly.  
Reverse flow may arise in Main line filter, resulting in damage of element.
3. Securing of maintenance space  
Secure sufficient space for maintenance and inspection.
4. After attaching the pipes, flush and clean them before use.  
Dirt or foreign materials in piping will lower product performance.
5. Check that foreign materials do not enter when tightening pipes or fittings. When screwing in piping or fittings, check that swarf from port threads or sealant does not get inside. Dirt or foreign matter remaining in the piping will deteriorate product performance.
6. Piping screw-in torque  
Make sure that excessive torque is not applied on the body and pipe when piping.

Max. torque N·m
100

#### WARNING

#### During Use & maintenance

1. Stop the working fluid supply. Release the pressure in the case completely and make sure that there is no residual pressure before removing the cases. Please be careful, as removing the band may cause the case to fall.
2. Make sure that high-concentration ozone of 2ppm or more does not pass through the filter. Prolonged use may cause activated carbon to become brittle or generate heat. Be careful when using in combination with devices that generate ozone (ionizers, etc.).

#### CAUTION

1. This filter cannot be flushed with air, water, etc., and be reused. When 1 year has passed replace the element with a new one. The replacement time is not a guaranteed value. The replacement time may be reduced depending on the product working environment, usage conditions, etc.
2. Do not modify the product.
3. While operating, do not apply vibration, impact, or other external force from tube.
4. For use with nitrogen gas (N<sub>2</sub>), provide sufficient ventilation.

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● There is must be changed to improve cautions listed on this handling precaution and without notice.