

Reservoir Accessories

Breathers

Desiccant Type

Specifications:

Materials:

Casing: Clarified copolymer polypropylene

Cap: Copolymer polypropylene

Stand pipe: PVC

Filtration Element: Polyester, silica gel

Operating Temperatures: -20°F (-29°C) to 250°F (121°C)

Seals: None

Maximum Allowable

Operating Pressure (MAOP): 5 psi (.34 bar)

Particle Removal Efficiency:

98.7% (beta 75) @ 3 micron

99.5% (beta 200) @ 4 micron

99.9% (beta 1000) @ 5.3 micron

Weight:

934330T 1.25 lbs. (.57 kg) each.

934331T 1.75 lbs. (.79 kg) each.

934332T 2.25 lbs. (1.02 kg) each.



Features

Foam Pads

Isolates the removal materials from contact with heavy reservoir mist and securely holds materials in place.

Filter Pads

Specially designed filter pads remove solid particulate on upstream side and then regenerate by releasing those particles when air flow reverses direction. Lower pad removes airborne contamination and second pad protects against any migration of desiccant.

Air Intakes

A total of eight air intakes may be exposed to allow air to freely flow in and out of the TriCeptor.

Silica Gel Desiccant

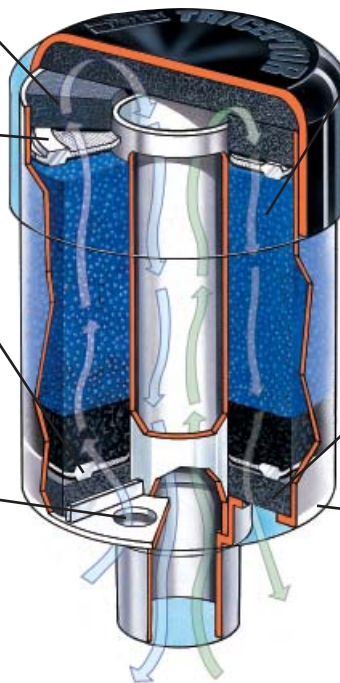
Has the highest removal capability by volume of any adsorption method. Indicates condition by changing color.

Foam pad

Insures filter pad is properly positioned and protects it from external damage.

Molded Housing

Durable shock absorbing casing provides reliable service and simple press in mounting.



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Installation

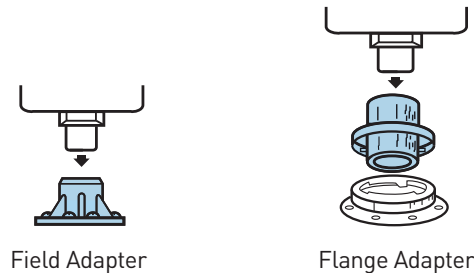
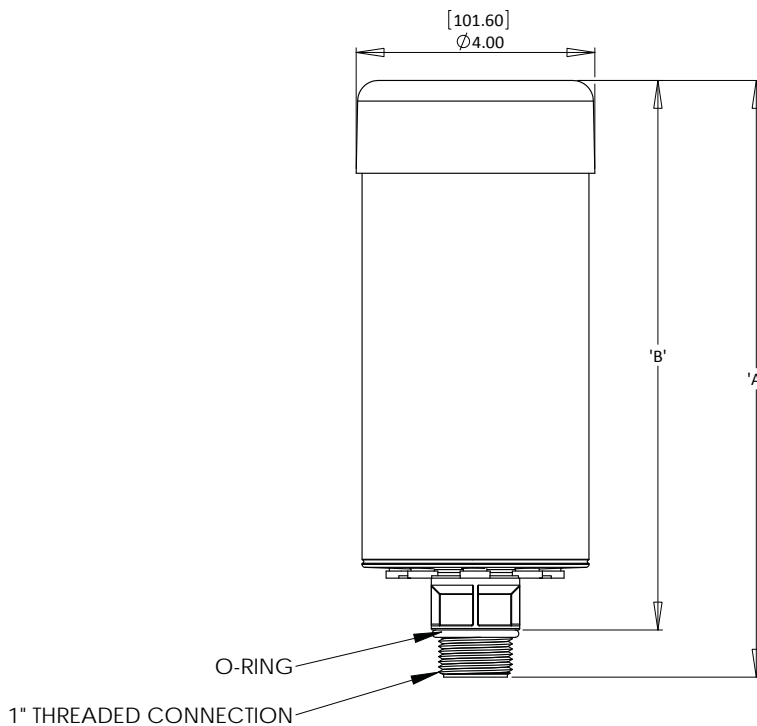
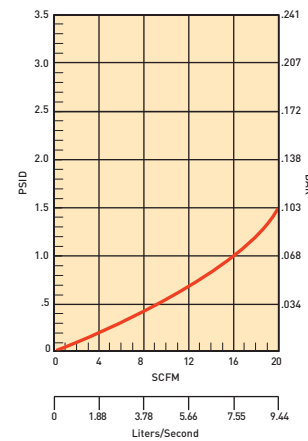
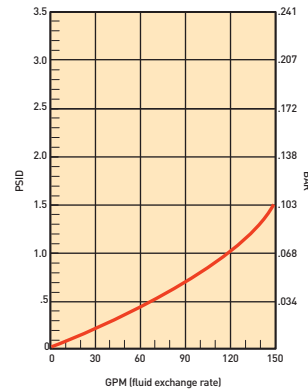
TriCeptor breathers are designed for simple installation on most equipment, regardless of mounting connection. Since TriCeptor breathers are disposable, the threaded connection allows for quick and easy maintenance. Several mounting adapters (shown below) are available to provide the desired mounting. The installation/replacement process consists of four easy steps:

1. Remove from protective plastic wrap.
2. Remove 1" blue cap from standpipe.
3. Remove foil label to expose the necessary amount of air intake holes.
4. Twist TriCeptor into mounting adapter.

Servicing the TriCeptor breather is also very easy. When the silica gel changes color from blue to a pink, the breather is no longer active and needs to be replaced. Simply remove the unit and discard properly.

Air Flow Performance

The curves below show the air flow performance of the three TriCeptor breathers. To insure the longest life possible, the initial clean pressure drop should not exceed 1.5 psid (.103 bar).



$$\text{Linear Measurement} = \frac{\text{mm}}{\text{in}}$$

Drawings are for reference only.
Contact factory for current version.

Part Number	'A' (mm/in)	'B' (mm/in)	Quantity
934330T	155.58/6.125	135.256/5.325	6 pcs.
934331T	206.38/8.125	186.06/7.325	6 pcs.
934332T	257.18/10.125	236.86/9.325	6 pcs.
937546	Field Adapter	937546	1 pc.
937463	Flange Adapter	937463	1 pc.