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.

www.comoso.com    800.696.6165
Reservoir Accessories

Breathers

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 When the silica gel changes color from blue to a pink, the breather is no longer active and needs to be replaced.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).

Field Adapter Flange Adapter

<table>
<thead>
<tr>
<th>Linear Measurement= mm/in</th>
<th>Linear Measurement= mm/in</th>
</tr>
</thead>
<tbody>
<tr>
<td>'A'</td>
<td>'B'</td>
</tr>
<tr>
<td>155.58/6.125</td>
<td>135.256/5.325</td>
</tr>
<tr>
<td>206.38/8.125</td>
<td>186.06/7.325</td>
</tr>
<tr>
<td>257.18/10.125</td>
<td>236.86/9.325</td>
</tr>
<tr>
<td>261</td>
<td>254</td>
</tr>
</tbody>
</table>

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.        

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