Filtration protection for patient, staff, equipment and environment

- Bacterial/viral filtration efficiency of greater than 99.999% protects patients, staff and equipment from contamination
- Hydrophobic membrane provides a barrier to water and nebulized medication droplets
- Removes ribavirin and pentamidine exhaust to protect staff and environment
- Protects machine transducer against water and medication damage
Features and Benefits

- Effective hydrophobic barrier: The Pall pleated hydrophobic membrane provides effective protection against potential contamination by airborne and liquidborne micro-organisms.\(^1\)\(^-\)\(^6\)
  - The Pall BB50T filter has been specifically validated to remove Hepatitis C virus\(^1\), HIV\(^2\), Mycobacterium tuberculosis\(^3\) and Staphylococcus aureus\(^4\).
- All Pall Breathing System Filters contain the proprietary Pall fine hydrophobic System Filter media, which has been tested in manufacturing to show a water intrusion pressure (hydrophobicity) in excess of 50 cm water column.
- Latex safety: The Pall BB50T is free of natural rubber latex. Pall Breathing System Filters have been tested to retain natural rubber latex allergens in liquids and contained in airborne particles.\(^5\)
- Compatible with nebulisation: Removes aerosolised ribavirin\(^1\), pentamidine\(^6\), histamine\(^1\) and methacholine\(^7\) exhaust droplets to protect staff and the environment from exposure to medications.
- Protects machine transducers against water and nebulised medication damage, minimising costly down time.

Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Performance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Filter material</td>
<td>Pleated hydrophobic membrane</td>
</tr>
<tr>
<td>Liquidborne bacteria/viral removal efficiency</td>
<td>100%</td>
</tr>
<tr>
<td>Airborne bacteria/viral removal efficiency</td>
<td>&gt; 99.999%</td>
</tr>
<tr>
<td>Resistance at 60 L/min</td>
<td>Approx 2.0 cm H(_2)O</td>
</tr>
</tbody>
</table>
| Connections (ISO tapers) | Patient side: 22 mm OD  
Breathing system side: 22 mm ID |
| Construction         | Transparent, non-conductive |
| Filter volume        | Approx 90 mL |
| Weight               | Approx 39 g |
| Recommended use      | Machine end and medical gas equipment applications. 24 h max |

Ordering Information

<table>
<thead>
<tr>
<th>Description</th>
<th>Reorder Code</th>
<th>Packaging</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pall Breathing System Filter</td>
<td>BBSOTE</td>
<td>50 units per case</td>
</tr>
<tr>
<td>Pall Breathing System Filter – Sterile</td>
<td>BBSOTES</td>
<td>50 units per case</td>
</tr>
<tr>
<td>Pall Breathing System Filter – For use on Puritan Bennett oxygen concentrators</td>
<td>BBSOTP</td>
<td>50 units per case</td>
</tr>
</tbody>
</table>

References


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