**Water Resistant Specialty Filter**

**LFG172FHDH**

163 x 163 x 12.7mm (6.42" x 6.42" x 0.50")

Orion Fans Hydrophobic Mesh air filters are water-repellent and offer a low pressure drop, cost-effective solution. The combination of hydrophobic mesh on the downstream side and high density foam on the upstream side offers a durable, cleanable, and moisture-resistant product. Designed for outdoor cabinets, process equipment applications requiring mist elimination, or other harsh environment installations.

These water-repellent filters will help meet various enclosure-level standards such as MIL-STD, NEMA and IP ratings.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>LFG172FHDH</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Frame Description</strong></td>
<td>Aluminum</td>
</tr>
<tr>
<td><strong>Filter Material</strong></td>
<td>45 PPI Gray High Density Foam, UL94 HF-1, and Hydrophobic Mesh on downstream side</td>
</tr>
<tr>
<td><strong>Rivet Description</strong></td>
<td>Aluminum</td>
</tr>
<tr>
<td><strong>Grid Description</strong></td>
<td>Aluminum Uni-grid support on upstream and downstream sides</td>
</tr>
<tr>
<td><strong>Matching Louvered Guards</strong></td>
<td>LFG172, LFGS172, LFGH172</td>
</tr>
</tbody>
</table>

**Standards & Classifications**

- UL 900-2004, UL 94 HF-1
- NEBS GR-63-CORE
- NEBS GR-78-CORE
- NEMA
- IP
- MERV 7
- MIL-STD
- ATCA
- MicroTCA
- CompactPCI
- FMVSS302