1. Introduction

The general purpose of filtering with activated carbon cartridges is to remove taste, odour and unwanted colour from water and other liquids, air and gases. The amaCarb AN-P filter cartridge is a porous activated carbon block filter cartridge. The amaCarb AN-P is an excellent cartridge to reduce chlorine, taste, odour, colour and organics in water and is an economical alternative to granular activated carbon cartridges.
2. Features

- Activated carbon block with polyethylene binders
- Reduces chlorine, taste, odour, colour, organics and oil vapour
- 5 micron nominal particulate filtration
- Plastic materials according to FDA requirements

3. Product/Performance specifications

<table>
<thead>
<tr>
<th>Filter medium</th>
<th>porous activated carbon with polyethylene binders</th>
</tr>
</thead>
<tbody>
<tr>
<td>Netting</td>
<td>polyethylene</td>
</tr>
<tr>
<td>Inner sleeve</td>
<td>polypropylene</td>
</tr>
<tr>
<td>Outer sleeve</td>
<td>polypropylene</td>
</tr>
<tr>
<td>Hardware</td>
<td>polypropylene</td>
</tr>
<tr>
<td>Gaskets</td>
<td>Buna-N</td>
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</tbody>
</table>

Recommended flow rate: 225 l/h per 10" cartridge

Chlorine reduction

- 10" cartridge: > 22.7 m³ at a flow rate of 225 l/h
- 20" cartridge: > 45.4 m³ at a flow rate of 225 l/h

Chlorine reduction data is for 2 ppm free chlorine to < 0.5 ppm

Dimensions

- External diameter: 69 mm
- Length: see ordering information
- Maximum operating temperature: 80 °C

Food safety

The plastic materials of the filter cartridges comply with the FDA 21CFR177 requirements for the use in food and beverage applications.

Pre-rinse

Before filtration, the cartridges should be flushed for 5 minutes to remove all traces of carbon fines.

4. Ordering code

<table>
<thead>
<tr>
<th>amaCarb type</th>
<th>Length [inch]</th>
</tr>
</thead>
<tbody>
<tr>
<td>AN-P-9.75N</td>
<td>9.75 (248 mm)</td>
</tr>
<tr>
<td>AN-P-10-N</td>
<td>10 (254 mm)</td>
</tr>
<tr>
<td>AN-P-20-N</td>
<td>20 (508 mm)</td>
</tr>
</tbody>
</table>

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03/2017