### Cartridge Housings and Elements

**CH1**

**Cartridge Housing**
- 1-5 gpm (3.6-18.33 L/min)
- 125 psi (9 bar)

**Specifications**
- **Max. Flow Rate:** 5-10 gpm (18.33 to 36.66 L/min)
- **Max. Working Pressure:** 100 psi (7 bar)
- **Max Temperature:** 167°F (75°C)
- **Housing Material:** Polypropylene
- **O-Ring Material:** Buna N
- **Initial Pressure Drop:** 1 psi at 10 gpm
- **Type of Element Accepted:** DOE

**Dimensions**

<table>
<thead>
<tr>
<th>Model</th>
<th>C (inch/mm)</th>
<th>D (inch/mm)</th>
<th>E (inch/mm)</th>
<th>N3/N4</th>
<th>N5</th>
</tr>
</thead>
<tbody>
<tr>
<td>CH1210</td>
<td>15.8 (401.32)</td>
<td>3.5 (88.9)</td>
<td>4.5 (114.3)</td>
<td>¼&quot;</td>
<td>¼&quot;</td>
</tr>
<tr>
<td>CH1220</td>
<td>25.8 (655.32)</td>
<td>3.5 (88.9)</td>
<td>4.5 (114.3)</td>
<td>¼&quot;</td>
<td>¼&quot;</td>
</tr>
<tr>
<td>CH1230</td>
<td>35.8 (909.32)</td>
<td>3.5 (88.9)</td>
<td>4.5 (114.3)</td>
<td>¼&quot;</td>
<td>¼&quot;</td>
</tr>
</tbody>
</table>

**NOTE:**
- Drawings may change without notice. Contact factory for certified drawings.
How to Build a Valid Model Number for a Single Cartridge PP Housing 2.5”:

Example: NOTE: One option per box

<table>
<thead>
<tr>
<th>BOX 1</th>
<th>BOX 2</th>
<th>BOX 3</th>
<th>BOX 4</th>
<th>BOX 5</th>
<th>BOX 6</th>
<th>BOX 7</th>
<th>BOX 8</th>
<th>BOX 9</th>
</tr>
</thead>
<tbody>
<tr>
<td>CH</td>
<td>1</td>
<td>2</td>
<td>10</td>
<td>PP</td>
<td>34</td>
<td>B</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

= CH1210PP34B00

Filter Series
No. of Cartridges per Housing
Cartridge Diameter
Cartridge Length
Housing Material
Connection Size
Seal Material
Pressure Rating
Pressure Relief Button

CH1 = Polypropylene head and bowl
34 = 3/4" NPT
B = Buna N
0 = No PR Button
P = PR Button in Cap

Filter Model Number Selection

Model C
inch (mm)
D
inch (mm)
E
inch (mm)
N3/N4 N5

CH1210 15.8 (401.32)
3.5 (88.9)
4.5 (114.3)
¼" ¼"

CH1220 25.8 (655.32)
3.5 (88.9)
4.5 (114.3)
¼" ¼"

CH1230 35.8 (909.32)
3.5 (88.9)
4.5 (114.3)
¼" ¼"