Fulflo® MC and RC Carbon Filter Cartridges

Activated Carbon Cartridges
Eliminates Taste, Odor and Sediment in Potable Water

Parker’s FDA grade MC and RC activated carbon cartridge series provides effective control of taste and odor causing contaminants in water such as chlorine and dissolved organics. At the same time suspended solids are controlled to a nominal 5 micrometer level.

The MC Series features a unique 3-stage “treatment” matrix with a granular carbon chamber between two layers of 5 micron rated wound polypropylene medium. The RC Series is similarly constructed but with a larger outside diameter and in a variety of lengths to fit standard double open end Fulflo® “B” series vessels.

The MMCT-10 is unique within this series as a single-open-end carbon bottle design in which flow is channeled through the entire length of the cartridge. With this design contact time is maximized for optimum adsorptive contaminant removal.

Benefits

- All components of the carbon cartridge series meet FDA guidelines for potable and edible liquid contact according to CFR Title 21
- Six different cartridge sizes to accommodate most Fulflo® and similar style competitive vessels
- Unique design with prefiltration and post filtration stage to optimize activated carbon layer
- Liquid phase high surface area activated carbon maximizes chlorine removal
- Unique 3-stage water treatment capability from one filter cartridge

Applications

- Drinking Water
- Plating Solutions
- Waste Water Treatment
- Color Contaminated Fluids
Fulflo® MC and RC Carbon Filter Cartridges

Specifications

Materials of Construction:
Absorbent Granulated 12 x 40 Mesh Activated Carbon
Filter Medium: FDA Grade Wound Polypropylene
Support Construction: Polypropylene End Caps (RC/MC): PVC
End Cap Adhesive (RC/MC): PVC Gasket: EPDM

Maximum Recommended Operating Conditions:
Flow Rate: 1.0 gpm (3.8 lpm) per 10 in length for optimum absorbent contact time
Temperature: 140°F (76°C) @ 30 psid (2.1 bar)
Pressure: 60 psid (4.1 bar) @ 75°F (24°C)
Changeout Pressure Drop: 30 psid (2.1 bar) or when objectionable taste and odor are detected in effluent water.

Particle Removal Rating:
5 Micrometer Nominal

Packaging:
All cartridges packaged 20 units per master carton.
RC Series cartridges are packaged in individual boxes and include Buna N vessel shell gasket (P/N 2620-5046)
MC Series cartridges are individually poly shrink wrapped with label but without individual carton.

Master Carton Weight (lbs.):  
RC4 11  
RC10 25  
MC10-2 17  
MC20-2 34  
MC30-2 26  
MMCT-10 19

Notes:
(1) MMCT-10 is single open end style and fits only LT10 and similar competitive vessels.
(2) All other cartridges are double open end style. MC cartridges are stackable in multi-length vessels by using stainless steel spacers (P/N 5710-5022).

Ordering Information

<table>
<thead>
<tr>
<th>Cartridge Part Number</th>
<th>Carbon Content (weight in grams)</th>
<th>Nominal Dimensions</th>
<th>Recommended Filter Vessel</th>
</tr>
</thead>
<tbody>
<tr>
<td>RC4</td>
<td>95</td>
<td>3-13/16 in long x 3-1/4 in OD x 1-1/16 in ID</td>
<td>BR4-3/8 SD</td>
</tr>
<tr>
<td>RC10</td>
<td>275</td>
<td>9-13/16 in long x 3-1/4 in OD x 1-1/16 in ID</td>
<td>BSB10 - 3/4 SD</td>
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<tr>
<td>MC10-2</td>
<td>115</td>
<td>9-13/16 in long x 2-3/4 in OD x 1-1/16 in ID</td>
<td>LT10 and all other Fulflo vessels except FE Series</td>
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<tr>
<td>MC20-2</td>
<td>250</td>
<td>19-15/16 in long x 2-3/4 in OD x 1-1/16 in ID</td>
<td>LT20 and all other Fulflo vessels except FE Series</td>
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<td>MC30-2</td>
<td>395</td>
<td>30-1/16 in long x 2-3/4 in OD x 1-1/16 in ID</td>
<td>All Fulflo vessels except FE Series</td>
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<tr>
<td>MMCT-10</td>
<td>185</td>
<td>9-13/16 in long x 2-3/4 in OD x 1-1/16 in ID</td>
<td>LT10 only</td>
</tr>
</tbody>
</table>

Specifications are subject to change without notification.

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