# EPM SERIES MODIFIED EPSILON CARBON-BRIQUETTE CARTRIDGES 

- Nominal 10-micron rating*
- Enhanced dirt holding capacity for extended cartridge life*
- Bad taste \& odor and chlorine taste \& odor reduction*
- Lowest pressure drop
- Economically priced

EPM Series cartridges are a modified version of our EP Series cartridge. An economical price makes this cartridge suitable for taste, odor and chlorine taste \& odor reduction, as well as sediment filtration.*

EPM Series cartridges are manufactured using a patented process that yields a cartridge with a nominal 10 -micron filtration rating, high porosity and chlorine taste \& odor reduction. The high porosity design helps prevent the cartridge from plugging before its adsorption capability is exhausted, maximizing the utilization of the carbon while maintaining low pressure drop.

These cartridges are protected by Endurawrap ${ }^{\circledR}$, a uniquely formulated
polyolefin bilaminate pre-filter, designed to significantly increase the useful life of the cartridge by trapping sediment that typically plugs carbon block cartridges.

EPM Series cartridges are manufactured entirely from FDAcompliant materials making them an ideal choice for a wide range of residential, food service, commercial and industrial applications.

* Based on manufacturer's internal testing.

PENTEK
Pentair Water

## EPM SERIES

Modified Epsilon Carbon-Briquette Cartridges


NOTE: Micron ratings based on $85 \%$ or greater removal of given particle size. Data obtained from actual particle counts, using AC Fine Test Dust at 1 gpm. Estimated capacity using 2.0 ppm free available chlorine (FAC) at 0.5 ppm break through.

## Cartridge Specifications and Performance Data

| Model | Maximum Dimensions | Micron Rating* (nominal) | Initial $\Delta P$ (psi) <br> @ Flow Rate (gpm) | Chlorine Taste \& Odor Reduction @ Flow Rate |
| :---: | :---: | :---: | :---: | :---: |
| EPM-10 |  | 10 | 1.5 psi @ 1 gpm (0.10 bar @ 3.8 Lpm) | >3,000 gallons @ 1 gpm (11,400L @ 3.8 Lpm ) |
| EPM-20 | 27/8" x 20" (73 mm x 508 mm ) | 10 | 1.0 psi @ 2 gpm (0.07 bar @ 7.6 Lpm) | >6,000 gallons @ 2 gpm <br> (22,700L @ 7.6 Lpm) |
| EPM-BB | $45 / 8 \mathrm{c} \times \mathrm{9}^{3 / 4 \mathrm{l}}$ (118 mm x 248 mm ) | 10 | 5.0 psi @ 2 gpm (0.35 bar @ 7.6 Lpm) | >15,000 gallons @ 2 gpm (56,750L @ 7.6 Lpm) |
| EPM-20BB | 4/8" x 20" (118 mm x 508 mm ) | 10 | 4.0 psi @ 4 gpm (0.28 bar @ 15.1 Lpm) | >30,000 gallons @ 4 gpm <br> (113,500L @ 15.1 Lpm) |

## * Based on manufacturer's internal testing

## Materials of Construction

| Filter Media | Bonded PAC |
| :--- | :--- |
| End Caps | Polypropylene |
| Outer Wrap | Polyolefin |
| Netting | Polyethylene |
| Gaskets | Buna-N |
| Temperature Rating | $40-180^{\circ} \mathrm{F}\left(4.4-82.2^{\circ} \mathrm{C}\right)$ |

Tested and Certified by NSF International to NSF/ANSI Standard 42 for material
requirements only.

