



EPM SERIES MODIFIED EPSILON CARBON-BRIQUETTE CARTRIDGES

Economically priced

High porosity maximizes utilization of the carbon block

Greater chlorine-removal capacity than competitive 10-micron carbon blocks

Nominal 10-micron rating

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

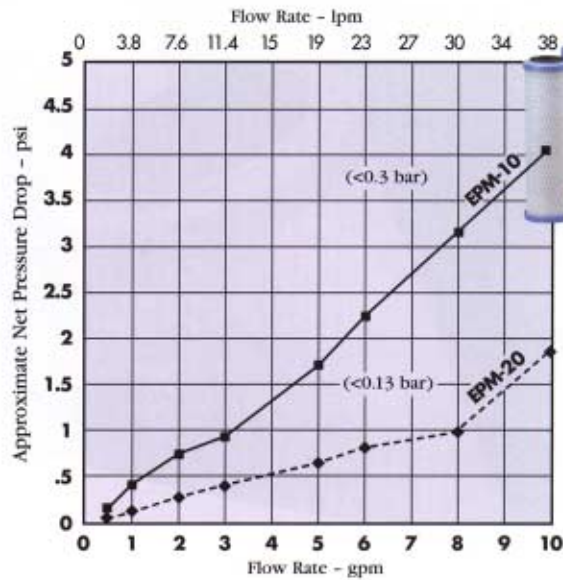
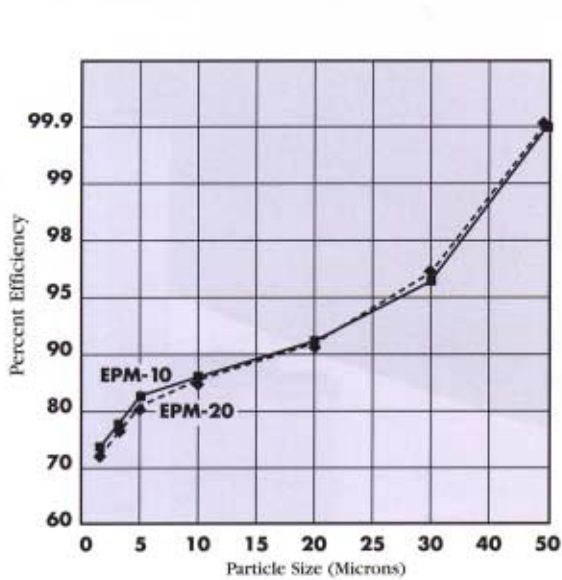
EPM Series cartridges are manufactured using a patented process* that yields a cartridge with a nominal 10-micron filtration rating, high porosity and greater chlorine removal capacity than competitive 10 micron carbon blocks. The high porosity design helps prevent the cartridge from plugging before its adsorption capability is exhausted, maximizing the utilization of the carbon while maintaining low pressure drop.

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

USFilter
Plymouth Products

MODIFIED EPSILON SERIES

Carbon-Briquette Cartridges



NSF
COMPONENT

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

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 3 ppm free available chlorine (FAC) at continuous flow to 0.1 ppm break through at 1 gpm.

Cartridge Specifications and Performance Data

Model	Maximum Dimensions	Micron Rating (Nominal)	Initial ΔP (psi) @ Flow Rate (gpm)	Chlorine Reduction @ Flow Rate (gpm)
EPM-10	2-7/8" x 9-3/4" (73 mm x 247 mm)	10	0.34 psi @ 1 gpm (0.02 bar @ 3.8 lpm)	>3,000 gallons @ 1 gpm (>11,400 liters @ 3.8 lpm)
EPM-20	2-7/8" x 20" (73 mm x 508 mm)	10	0.25 psi @ 2 gpm (0.08 bar @ 7.6 lpm)	>6,000 gallons @ 2 gpm (>22,700 liters @ 7.6 lpm)
EPM-BB	4-5/8" x 9-3/4" (117 mm x 247 mm)	10	0.38 psi @ 2 gpm (0.03 bar @ 7.6 lpm)	>11,000 gallons @ 2 gpm (>41,600 liters @ 7.6 lpm)
EPM-20BB	4-5/8" x 20" (117 mm x 508 mm)	10	0.60 psi @ 4 gpm (0.04 bar @ 15 lpm)	>20,000 gallons @ 4 gpm (>75,700 liters @ 15 lpm)

Materials of Construction

- **Filter Media** Bonded PAC
- **End Caps** Polypropylene
- **Outer Wrap** Polypropylene
- **Netting** Polypropylene
- **Gaskets** Buna-N
- **Temperature Rating** 40°F to 180°F (5°C to 83°C)

NOTE: Performance capacity depends on system design, flow rate and certain other application conditions.

NOTE: When greater chlorine reduction is needed, use the standard EP series blocks.

WARNING: Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

NOTE: EPM-Series cartridges will contain a very small amount of carbon fines (very fine black powder). After installation follow the instructions for flushing the cartridge to remove all traces of the fines before using the water. You should run (flush) the tap at least 20 seconds prior to using water for drinking or cooking purposes. This is particularly important if the tap has not been used daily.

* U.S. Patent No. 5,976,432