

EP SERIES CARBON-BRIQUETTE CARTRIDGES

High dirt-holding tolerance maximizes utilization of the carbon block
Greater chlorine removal capacity than competitive 10-micron carbon blocks
Nominal 5-micron rating

EP Series cartridges are versatile and combine the long life of carbon block filtration with the higher dirt-holding tolerance of wound, carbon-impregnated paper cartridges like our C-1.

EP Series cartridges are manufactured using a patented process* that yields a cartridge with a nominal 5-micron filtration rating, high dirt-holding tolerance and greater chlorine removal capacity than competitive 10-micron carbon blocks. A high porosity design helps prevent the cartridge from plugging before its adsorption capacity is exhausted, maximizing the utilization of the carbon while maintaining low pressure drop.

EP 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.

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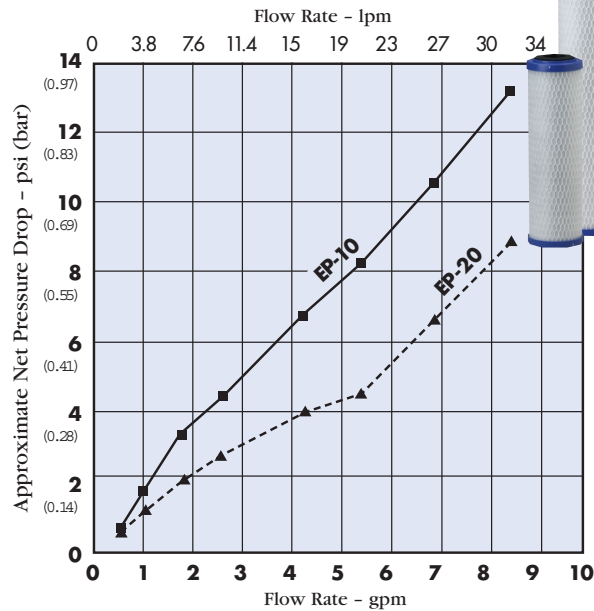
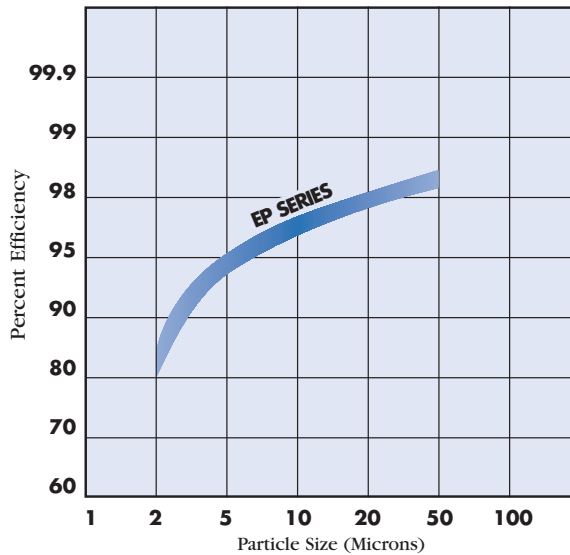
**APPLIED
MEMBRANES INC.®**

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USFilter
Plymouth Products

EPSILON SERIES

Carbon-Briquette Cartridges



NSF
COMPONENT

This EP-10, EP-20, EP-BB and EP-20BB are Tested and Certified by NSF International under ANSI/NSF Standard 42 for material requirements only.

Cartridge Specifications and Performance Data

Model	Maximum Dimensions	Micron Rating (Nominal)	Initial ΔP (psi) @ Flow Rate (gpm)	Chlorine Reduction @ Flow Rate (gpm)
EP-10	2-7/8" x 9-3/4" (73 mm x 247 mm)	5	1.35 psi @ 1 gpm (0.09 bar @ 3.8 lpm)	>6,000 gallons @ 1 gpm (22,700 liters @ 3.8 lpm)
EP-20	2-7/8" x 20" (73 mm x 508 mm)	5	1.42 psi @ 2 gpm (0.10 bar @ 7.6 lpm)	>12,000 gallons @ 2 gpm (45,400 liters @ 7.6 lpm)
EP-BB	4-5/8" x 9-3/4" (117 mm x 247 mm)	5	1.6 psi @ 2 gpm (0.11 bar @ 7.6 lpm)	>22,000 gallons @ 2 gpm (83,300 liters @ 7.6 lpm)
EP20-BB	4-5/8" x 20" (117 mm x 508 mm)	5	2.5 psi @ 4 gpm (0.17 bar @ 15.1 lpm)	>40,000 gallons @ 4 gpm (151,400 liters @ 15.1 lpm)

Materials of Construction

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

WARNING: Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system. Systems certified for cyst reduction maybe used on disinfected water that may contain filterable cysts.

NOTE: The CBC cartridges will contain a very small amount of carbon fines (very fine black powder) and a new cartridge after installation should be flushed with sufficient water to remove all traces of the fines from your water system before using the water. Each time you use your filtered water tap for drinking or cooking purposes it is recommended that you run (flush) the tap for at least 20 seconds prior to using water.

NOTE: Micron ratings based on 85% or greater removal of given particle size. Data obtained from actual particle counts using AC Fine Test Dust and Latex spheres.

NOTE: Estimated capacity using 2ppm free available chlorine (FAC) at continuous flow with greater than 90% reduction.

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

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