



**Hardy Filtration**

*Integrated filtration solutions: air, water & oil*



## EP Series – Carbon-Briquette Cartridges

**AMETEK**

### Description

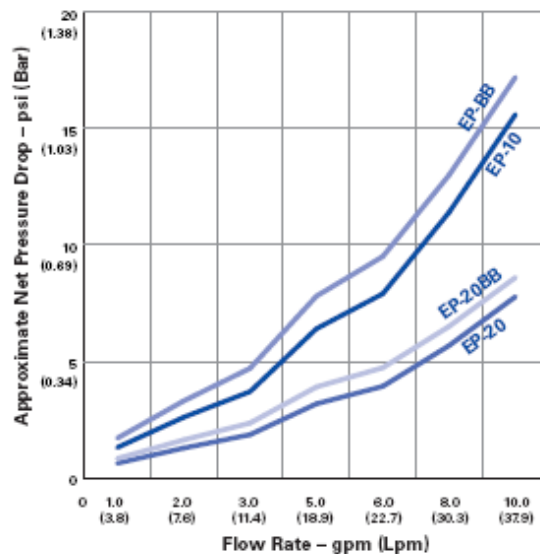
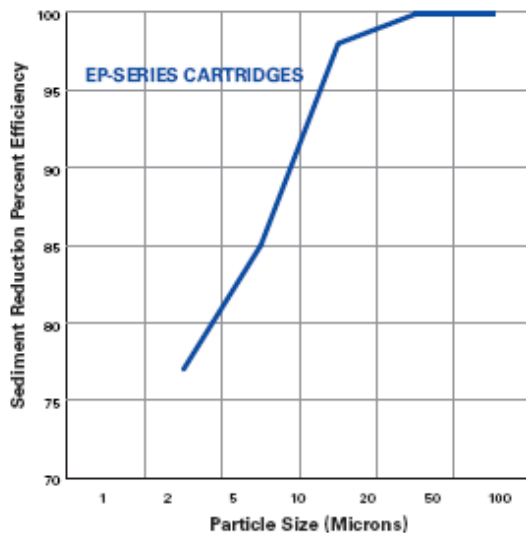
#### Carbon-Briquette cartridges

- » 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.



## Cartridge Specifications and Performance Data

Model	Maximum Dimensions	Micron Rating* (nominal)	Initial ΔP (psi) @ Flow Rate (gpm)	Chlorine Taste & Odor Reduction @ Flow Rate
EP-10	2 $\frac{7}{8}$ " x 9 $\frac{3}{4}$ " (73 mm x 248 mm)	5	3.4 psi @ 1 gpm (0.23 bar @ 3.8 Lpm)	>6000 gallons @ 1 gpm (22,700L @ 3.8 Lpm)
EP-20	2 $\frac{7}{8}$ " x 20" (73 mm x 508 mm)	5	3.4 psi @ 2 gpm (0.23 bar @ 7.6 Lpm)	>12,000 gallons @ 2 gpm (45,400L @ 7.6 Lpm)
EP-30		5		
EP-40		5		
EP-BB	4 $\frac{5}{8}$ " x 9 $\frac{3}{4}$ " (118 mm x 248 mm)	5	4.3 psi @ 2 gpm (0.30 bar @ 7.6 Lpm)	>22,000 gallons @ 2 gpm (83,300L @ 7.6 Lpm)
EP20-BB	4 $\frac{5}{8}$ " x 20" (118 mm x 508 mm)	5	5.5 psi @ 5 gpm (0.38 bar @ 19 Lpm)	>40,000 gallons @ 4 gpm (151,400L @ 15.1 Lpm)

\* Based on manufacturer's internal testing



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

## Materials of Construction

<b>Filter Media:</b>	Bonded PAC	<b>Netting:</b>	Polyethylene
<b>End Caps:</b>	Polypropylene	<b>Gasket:</b>	Buna-B
<b>Inner/Outer Wraps:</b>	Polypropylene	<b>Temperature Rating:</b>	40°F to 180°F (5°C to 83°C)

**WARNING:** For drinking water applications, do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

**NOTE:** Some harmless bacteria will attack cellulose media cartridges. If your cartridge seems to disintegrate, or has a musty or moldy odor, switch to a synthetic media cartridge or consult the manufacturer.

\***NOTE:** Estimated capacity tested at given flow rate using 2 ppm free available chlorine at continuous flow to 0.5 ppm breakthrough.

**NOTE:** Increased flow rates may result in less effective chlorine reduction.