PENTEK EP SERIES
CARBON BLOCK CARTRIDGES

IDEAL CHOICES FOR A WIDE RANGE OF APPLICATIONS

The Pentair‡ Pentek‡ EP Series Carbon Block Cartridges are manufactured using a process that yields a cartridge with a nominal 5-micron filtration rating and high dirt-holding capacity. 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.

These cartridges are protected by 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.

EP Series Cartridges make an ideal choice for a wide range of residential, food service, commercial and industrial applications.

FEATURES/BENEFITS

- High dirt-holding capacity maximizes utilization of the carbon block*
- Highly effective bad taste & odor and chlorine taste & odor reduction*
- Nominal 5-micron rating

SPECIFICATIONS

- Filter Media – Bonded PAC
- Endcaps – Polypropylene
- Outer Wrap – Polyolefin
- Netting – Polyethylene
- Gaskets – Buna-N
- Temperature Rating – 40-180°F (4.4-82.2°C)

NSF COMPONENT

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.

* Based on manufacturer's internal testing.

SPECIFICATIONS AND PERFORMANCE

PART #	MODEL #	MAXIMUM DIMENSIONS	RATING* (NOMINAL)	INITIAL ΔP (PSI) @ FLOW RATE (GPM)	CHLORINE TASTE & ODOR REDUCTION @ FLOW RATE
255424-03	EP-5	2.89" x 4.965" (73 mm x 126 mm)	5 micron	1.3 psi @ 0.5 gpm (0.09 bar @ 1.89 Lpm)	>3,000 gallons @ 0.5 gpm (>11,356 L @ 1.89 Lpm)
155531-43	EP-10	2.89" x 9.75" (73 mm x 248 mm)	5 micron	1.7 psi @ 1.0 gpm (0.12 bar @ 3.8 Lpm)	>6,000 gallons @ 1.0 gpm (>22,712 L @ 3.8 Lpm)
155529-43	EP-20	2.89" x 20" (73 mm x 508 mm)	5 micron	1.7 psi @ 2.0 gpm (0.12 bar @ 7.6 Lpm)	>12,000 gallons @ 2.0 gpm (>45,425 L @ 7.6 Lpm)
155698-43	EP-30	2.89" x 30" (73 mm x 762 mm)	5 micron	2.4 psi @ 3.0 gpm (0.17 bar @ 11.4 Lpm)	>18,000 gallons @ 3.0 gpm (>68,137 L @ 11.4 Lpm)
155815-03	EP5-40	2.89" x 40" (73 mm x 1,016 mm)	5 micron	2.0 psi @ 4.0 gpm (0.14 bar @ 15.1 Lpm)	>24,000 gallons @ 4.0 gpm (>90,850 L @ 15.1 Lpm)
155548-43	EP-BB	4.63" x 9.75" (118 mm x 248 mm)	5 micron	2.0 psi @ 2.0 gpm (0.14 bar @ 7.6 Lpm)	>22,000 gallons @ 2.0 gpm (>83,279 L @ 7.6 Lpm)
155583-43	EP-20BB	4.63" x 20" (118 mm x 508 mm)	5 micron	2.0 psi @ 4.0 gpm (0.14 bar @ 15.1 Lpm)	>44,000 gallons @ 4.0 gpm (>166,558 L @ 15.1 Lpm)

*Based on manufacturer's internal testing.
NOTES: Cartridges may contain a very small amount of carbon fines (very fine black powder). After installation, follow the instructions for flushing the cartridge to remove the fines before using the water. You should 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. 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. Estimated capacity using 2 ppm free available chlorine (FAC) at continuous flow with greater than 90% reduction.
WARNING: Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

PENTAIR

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