

TECHNICAL SHEET

EP SERIES
CARBON BLOCK CARTRIDGES



TECHNICAL SHEET



PENTAIR EP SERIES

TECHNICAL CHARACTERISTICS

- Temperature rating: 4.4–82.2°C
- Filter media: bonded PAC
- End caps: polypropylene
- Inner/outer wraps: polyolefin
- Netting: polyethylene
- Gaskets: Buna-N

PERFORMANCE CHARACTERISTICS*

Model	Initial ΔP @ flow rate	Chlorine taste & odor reduction@ flow rate
EP-10	0.12 bar @ 3.8 Lpm	> 22'712 L @ 3.8 Lpm
EP-20	0.12 bar @ 7.6 Lpm	> 45'425 L @ 7.6 Lpm
EP-10BB	0.14 bar @ 7.6 Lpm	> 83'279 L @ 7.6 Lpm
EP-20BB	0.14 bar @ 15.1 Lpm	> 166'558 L @ 15.1 Lpm



PRODUCT SPECIFICATIONS

Model	Maximum dimensions	Micron rating* (nominal)
EP-5	73 x 126 mm (2 7/8" x 4 7/8")	5
EP-10	73 x 248 mm (2 7/8" x 9 3/4")	5
EP-20	73 x 508 mm (2 7/8" x 20")	5
EP-30	73 x 762 mm (2 7/8" x 30")	5
EP-40	73 x 1,016 mm (2 7/8" x 40")	5
EP-10BB	118 x 248 mm (4 5/8" x 9 3/4")	5
EP-20BB	118 x 508 mm (4 5/8" x 20")	5

*Based on manufacturer's internal testing.

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.

WARNING

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

The EP 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 the fines your water system before using the water.



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

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