

PENTEK DFX SERIES DIAMOND FLOW CARTRIDGES

DUAL-TECHNOLOGY FILTRATION



DFX Series Diamond Flow cartridges are a unique, premium cartridge that utilizes several of the Pentair core competencies by merging technologies into one cartridge in order to bring customers a quality product. Diamond Flow Series cartridges offer the effective chlorine taste & odor reduction found in traditional Pentek[®] carbon blocks, joined with the superior sediment reduction to resist premature plugging. These dual purpose cartridges are well-suited for a wide range of applications.

FEATURES/BENEFITS

High dirt-holding capacity maximizes utilization of the carbon block*

Chlorine taste & odor reduction combined with superior sediment reduction*

Available in a 10-micron rating

Available in 10" & 20" lengths

Available in Standard & Big Blue[®] Size

Low pressure drop

New product design with Pentair branding

Twice as resistant to particulate plugging than standard carbon blocks*



The DFX Series Diamond Flow cartridges are Tested and Certified by NSF International to NSF/ANSI Standard 42 for material requirements only.

MATERIALS OF CONSTRUCTION

Exterior Filter Media:
Polypropylene Polyspun

Interior Filter Media:
Carbon Block

Endcaps: Polypropylene

Gaskets: Buna-N

Temperature Rating: 40°-125°F

*Based on manufacturer's internal testing.

SPECIFICATIONS AND PERFORMANCE

| PART NUMBER | MODEL | MAXIMUM DIMENSIONS | RATING (NOMINAL) | INITIAL ΔP (PSI) @ FLOW RATE (GPM) | CHLORINE TASTE & ODOR REDUCTION @ FLOW RATE |
|-------------|-------------|--|------------------|--|---|
| 655130-43 | DFX-CB-10 | 2.89" x 9.81" (73.406 mm x 249.174 mm) | 10 μ | 1.0 psi @ 1.0 gpm (0.07 bar @ 3.8 Lpm) | 2,500 gal @ 1.0 gpm (9,464 L @ 3.8 Lpm) |
| 655148-43 | DFX-CB-20 | 2.89" x 20.035" (73.406 mm x 508.89 mm) | 10 μ | 1.0 psi @ 2.0 gpm (0.07 bar @ 7.6 Lpm) | 5,000 gal @ 2.0 gpm (18,927 L @ 7.6 Lpm) |
| 655151-43 | DFX-CB-BB | 4.63" x 9.81" (117.60 mm x 249.174 mm) | 10 μ | 1.0 psi @ 2.0 gpm (0.07 bar @ 7.6 Lpm) | 15,000 gal @ 2.0 gpm (56,781 L @ 7.6 Lpm) |
| 655152-43 | DFX-CB-20BB | 4.63" x 20.035" (117.60 mm x 508.89 mm) | 10μ | 1.0psi @ 4.0 gpm (0.07 bar @ 15.14 Lpm) | 30,000 gal @ 4.0 gpm (113,562 L @ 15.14 Lpm) |



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