

## BIG WHITE WITH BYPASS FILTER HOUSINGS



**Pentair Big White<sup>®</sup> Filter Housings with Bypass offer caps that include a built-in bypass valve for easy cartridge change-outs, eliminating the need to shut off the water supply. You can easily switch from filter position to bypass by turning the large control knob a half turn. The High Flow Polypropylene (HFPP) cap is available in 1" NPT inlet and outlet ports. These housings have the versatility to meet all of your large capacity filtration needs, including high-flow and heavy sediment applications.**

**The extra-large housing allows for greater cartridge capacity, reducing the number of vessels required for high flow applications. Sumps are available in both 10" and 20" lengths.**

### FEATURES/BENEFITS

1/2 turn valve allows you to go from filtered to non-filtered water	10" and 20" Big White housings with bypass on cap
Large capacity housing suitable for high flow applications	Available with 1" NPT Pressure relief button on cap

### SPECIFICATIONS

Housing – Polypropylene	Temperature Rating- 40-100°F (4.4-37.8°C)
Cap – Polypropylene (HFPP)	Maximum Pressure- 10" : 100 psi (6.9 bar)
O-Ring – EPDM	20" : 90 psi (6.2 bar)

## SPECIFICATIONS AND PERFORMANCE

PART #	DESCRIPTION	MAXIMUM DIMENSIONS	INITIAL ΔP (PSI) @ FLOW RATE (GPM)
655106	1" #10 BB WH/WH w/bypass	16.61" x 7.16" (422 x 182 mm)	1 psi @ 15 gpm (0.07 bar @ 57 Lpm)
655107	1" #20 BB WH/WH w/bypass	26.90" x 7.16" (683 x 182 mm)	1 psi @ 15 gpm (0.07 bar @ 57 Lpm)

CAUTION: Protect against freezing to prevent cracking of the filter and water leakage.

## ACCESSORIES

PART #	DESCRIPTION
150296	SW-3 Wrench for 10"
SH144368	SW-4 wrench for 20"
SH144229	Cartridge coupler for 4.5" cartridges
151122	EPDM O-ring for Big White
244994	BWB-UB-KIT Bracket



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## 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<sup>®</sup> 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<sup>®</sup> Size

Low pressure drop

New product design with Pentair branding

Twice as resistant to particulate plugging than standard carbon blocks\*

### MATERIALS OF CONSTRUCTION

Exterior Filter Media:  
Polypropylene Polyspun

Interior Filter Media:  
Carbon Block

Endcaps: Polypropylene

Gaskets: Buna-N

Temperature Rating: 40°-125°F



The DFX Series Diamond Flow cartridges 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 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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