![Pentair logo]

PENTEK® BIG BLUE®, BIG WHITE, BIG BLACK, BIG CLEAR FILTER HOUSINGS

FOR LARGE-CAPACITY, HIGH FLOW APPLICATIONS

20" Big White
20" Big Blue
20" Big Clear
10" Big Blue
10" Big Clear

Pentek® Big Blue®, Big White and Big Black Filter Housings by Pentair® offer 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-rate applications. Sumps are available in both 10" and 20" lengths.

The High-Flow Polypropylene (HFPP) cap is available with 3/4", 1" or 1-1/2" NPT inlet and outlet ports. The 1-1/2" internal port allows a greater volume of liquid to pass through the HFPP cap more rapidly.

Big Blue, Big White and Big Black Housings are compatible with a broad range of chemicals and are available with or without a pressure relief button. They accept a wide variety of 4-1/2" diameter cartridges.

Big Clear Filter Housings offer on-site examination of flow, performance, and cartridge life and are ideal for a variety of applications. The 1" polypropylene caps are available with a pressure-relief button on the inlet side to relieve pressure inside the housing and are available in 10" and 20" lengths.

Big Clear caps are constructed of reinforced polypropylene. The 10" sumps are made of Lexan® and the 20" sumps are SAN (Styrene acrylonitrile).

FEATURES/BENEFITS

Large capacity housing suitable for high flow applications	Pressure relief/bleed on inlet side of cap
10" and 20" lengths available in opaque and clear	Accepts up to 4-1/2" diameter cartridges

MATERIALS OF CONSTRUCTION

Big Blue/Big White/Big Black	Big Clear
Housing – Polypropylene	Housing – Lexan (#10); SAN (#20)
Cap – Polypropylene	Cap – Polypropylene
Button Assembly – 300-Series stainless steel, EPDM, and polypropylene	Button Assembly – 300-Series stainless steel, EPDM, and polypropylene
O-Ring – Buna-N	O-Ring – Buna-N

SPECIFICATIONS AND PERFORMANCE

PART NO.	MODEL	MAXIMUM DIMENSIONS	INITIAL ΔP (PSI) @ FLOW RATE (GPM)	MAXIMUM TEMPERATURE	MAXIMUM PRESSURE
150239	1-1/2" #10 Big Blue®, HFPP w/PR*	13.45" x 7.45"	1 psi @ 20 gpm	100°F	100 psi
150240	1-1/2" #10 Big Blue, HFPP w/o PR*	13.45" x 7.45"	1 psi @ 20 gpm	100°F	100 psi
150235	1-1/2" #20 Big Blue, HFPP w/PR*	23.74" x 7.45"	1 psi @ 20 gpm	100°F	90 psi
150236	1-1/2" #20 Big Blue, HFPP w/o PR*	23.74" x 7.45"	1 psi @ 20 gpm	100°F	90 psi
166081	3/4" #10 Big White, White/White w/PR*	13.19" x 7.28"	2 psi @ 15 gpm	100°F	100 psi
166229	3/4" #10 Big White, White/White w/o PR	13.14" x 7.28"	2 psi @ 15 gpm	100°F	100 psi
166227	3/4" #20 Big White, White/White w/o PR	23.23" x 7.28"	2 psi @ 15 gpm	100°F	90 psi
166083	1" #10 Big White, White/White w/ PR	13.19" x 7.28"	1 psi @ 15 gpm	100°F	100 psi
166141	1" #20 Big White, White/White w/o PR	23.24" x 7.28"	1 psi @ 15 gpm	100°F	90 psi
166142	1" #20 Big White, White/White w/PR	23.24" x 7.28"	1 psi @ 15 gpm	100°F	90 psi
166144	1-1/2" #20 Big White, White/White w/PR	23.68" x 7.28"	1 psi @ 20 gpm	100°F	90 psi
166219	1" #10 Big Clear, Blue/Clear (Lexan®) w/PR	13.30" x 7.28"	1 psi @ 15 gpm	100°F	100 psi
166201	1" #20 Big Clear, Blue/Clear (SAN) w/PR	23.22" x 7.28"	1 psi @ 20 gpm	100°F	90 psi
150469	3/4" #10 Big Blue, HFPP w/PR*	12.75" x 7.38"	2 psi @ 15 gpm	100°F	100 psi
150470	3/4" #10 Big Blue, HFPP w/o PR*	12.75" x 7.38"	2 psi @ 15 gpm	100°F	100 psi
150467	3/4" #20 Big Blue, HFPP w/PR*	23.04" x 7.38"	2 psi @ 15 gpm	100°F	90 psi
150468	3/4" #20 Big Blue, HFPP w/o PR*	23.04" x 7.38"	2 psi @ 15 gpm	100°F	90 psi
150237	1" #10 Big Blue, HFPP w/PR*	13.30" x 7.45"	1 psi @ 15 gpm	100°F	100 psi
150238	1" #10 Big Blue, HFPP w/o PR*	13.30" x 7.45"	1 psi @ 15 gpm	100°F	100 psi
150233	1" #20 Big Blue, HFPP w/PR*	23.22" x 7.45"	1 psi @ 15 gpm	100°F	90 psi
150234	1" #20 Big Blue, HFPP w/o PR*	23.22" x 7.45"	1 psi @ 15 gpm	100°F	90 psi
150671	1" #10 Big Black, Black/Black HFPP w/o PR	13.30" x 7.45"	1 psi @ 15 gpm	100°F	100 psi
150383	1" #20 Big Black, Black/Black HFPP w/PR	23.22" x 7.45"	1 psi @ 15 gpm	100°F	90 psi
150672	1" #20 Big Black, Black/Black HFPP w/o PR	23.22" x 7.45"	1 psi @ 15 gpm	100°F	90 psi

*NSF component listed.

RECOMMENDED ACCESSORIES

PART NO.	DESCRIPTION
150061	Mounting Bracket – Zinc – Kit
244718	Mounting Bracket – Zinc
357639	Mounting Bracket – Stainless Steel
357640	Mounting Bracket – Stainless Steel Kit
144928	Mounting Bracket – White – Kit
144258	Mounting Bracket – Two Housing
144259	Mounting Bracket – Three Housing
150296	Wrench – 10" Housings
144368	Wrench – 20" Housings
144880	Wrench – Big Clear 10" & 20"

IMPORTANT INFORMATION

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

NSF COMPONENT

The 150233, 150234, 150235, 150236, 150237, 150238, 150239, 150240, 150467, 150468, 150469, 150470 and 166081 Tested and Certified by NSF International to NSF/ANSI Standard 42 for material and structural integrity requirements.

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