

PENTEK® Big Blue®, Big White and Big Clear

Filter Housings



Big Blue® and **Big White Filter Housings** 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 constructed of durable reinforced polypropylene and 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 1-1/4" internal port allows a greater volume of liquid to pass through the HFPP cap more rapidly.

Big Blue and **Big White 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.

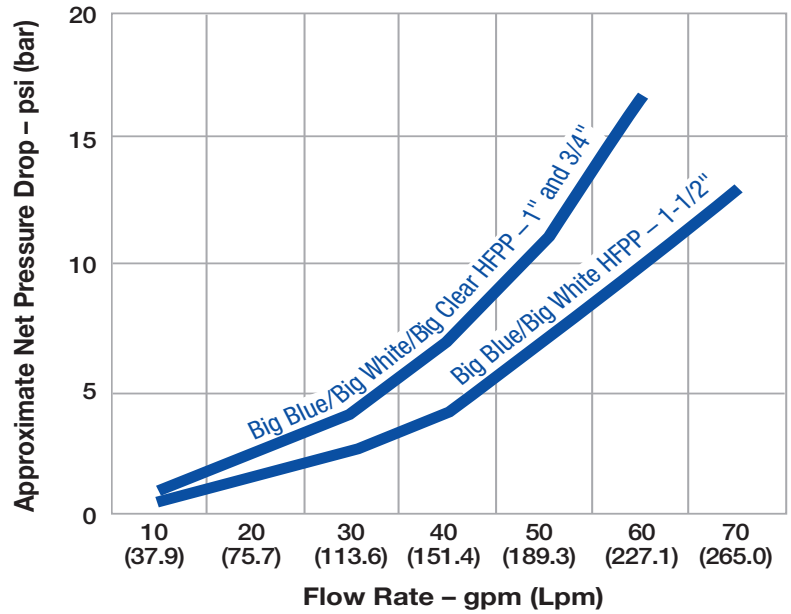
Caps are constructed of reinforced polypropylene. The 10" sumps are made of Lexan® and the 20" sumps are SAN (Styrene acrylonitrile)

Product Features

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

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Housing Specifications and Performance Data

Model	Maximum Dimensions	Initial psi @ Flow Rate (gpm)	Maximum Temperature	Maximum Pressure
#10 Big Blue/Big White – 3/4"	13-1/8" x 7-1/4" (333 mm x 184 mm)	2 psi @ 15 gpm (0.1 bar @ 57 Lpm)	100°F (37.8°C)	100 psi
#10 Big Blue/Big White – 1"	13-1/8" x 7-1/4" (333 mm x 184 mm)	1 psi @ 15 gpm (0.1 bar @ 57 Lpm)	100°F (37.8°C)	100 psi
#10 Big Blue – 1-1/2"	13-5/8" x 7-1/4" (346 mm x 184 mm)	1 psi @ 20 gpm (0.1 bar @ 76 Lpm)	100°F (37.8°C)	100 psi
#20 Big Blue/Big White – 3/4"	23-3/8" x 7-1/4" (594 mm x 184 mm)	2 psi @ 15 gpm (0.1 bar @ 57 Lpm)	100°F (37.8°C)	90 psi
#20 Big Blue/Big White – 1"	23-3/8" x 7-1/4" (594 mm x 184 mm)	1 psi @ 15 gpm (0.1 bar @ 57 Lpm)	100°F (37.8°C)	90 psi
#20 Big Blue/Big White – 1-1/2"	23-7/8" x 7-1/4" (606 mm x 184 mm)	1 psi @ 20 gpm (0.1 bar @ 76 Lpm)	100°F (37.8°C)	90 psi
#10 Big Clear – 1"	13-1/2" x 7-1/8" (343 mm x 181 mm)	1 psi @ 15 gpm (0.1 bar @ 57 Lpm)	100°F (37.8°C)	100 psi
#20 Big Clear – 1"	23-1/4" x 7-1/8" (603 mm x 181 mm)	1 psi @ 20 gpm (0.1 bar @ 76 Lpm)	100°F (37.8°C)	90 psi

Materials of Construction

	Big Blue/Big White	Big Clear
Housing	Polypropylene	Lexan (#10); SAN (#20)
Cap	Polypropylene (HFPP)	Polypropylene (HFPP)
Button Assembly	300-series Stainless Steel, EPDM, and Polypropylene	300-series Stainless Steel, EPDM, and Polypropylene
O-Ring	Buna-N	Buna-N

Recommended Accessories

150061	Mounting Bracket – Single
144258	Mounting Bracket – Two Housing
SH144259	Mounting Bracket – Three Housing
150296	Wrench – Big Blue & Big White 10"
SH144368	Wrench – Big Blue & Big White 20"
SH144880	Wrench – Big Clear 10" & 20"



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

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

*Note: The Big Clear housings are not NSF component listed.



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