



BIG BLUE® & BIG CLEAR FILTER HOUSINGS

- 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 4½" diameter cartridges

#20 Big Blue®

#20 Big Clear

#10 Big Blue®

#10 Big Clear

Big Blue® 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 ¾", 1" or 1½" NPT inlet and outlet ports. The 1¼" internal port allows a greater volume of liquid to pass through the HFPP cap more rapidly.

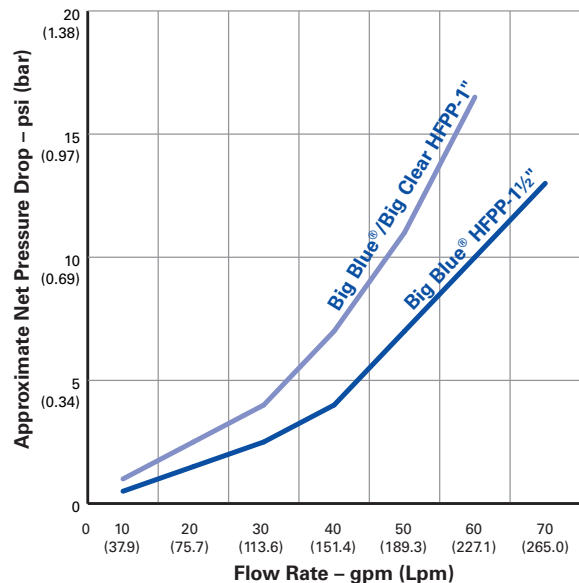
Big Blue® housings are compatible with a broad range of chemicals and are available with or without a pressure relief button. They accept a wide variety of 4½" diameter cartridges.

Big Clear Filter Housings offer on-site examination of flow, performance, and cartridge life and are ideal for a variety of applications. The blue polypropylene caps are available with an optional pressure-relief button on the inlet side to relieve pressure inside the housing when changing filter cartridges.



BIG BLUE®/BIG CLEAR

Filter Housings



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.

NOTE: The Big Clear Series of housings are not NSF component listed.

Housing Specifications and Performance Data

Model	Maximum Dimensions	Initial ΔP (psi) @ Flow Rate (gpm)
#10 Big Blue®-3/4"	13 1/8" x 7/4" (333 mm x 184 mm)	2 psi @ 15 gpm (0.1 bar @ 57 Lpm)
#10 Big Blue®-1"	13 1/8" x 7/4" (333 mm x 184 mm)	1 psi @ 15 gpm (0.1 bar @ 57 Lpm)
#10 Big Blue®-1 1/2"	13 3/8" x 7/4" (346 mm x 184 mm)	1 psi @ 20 gpm (0.1 bar @ 76 Lpm)
#20 Big Blue®-3/4"	23 3/8" x 7/4" (594 mm x 184 mm)	2 psi @ 15 gpm (0.1 bar @ 57 Lpm)
#20 Big Blue®-1"	23 3/8" x 7/4" (594 mm x 184 mm)	1 psi @ 15 gpm (0.1 bar @ 57 Lpm)
#20 Big Blue®-1 1/2"	23 7/8" x 7/4" (606 mm x 184 mm)	1 psi @ 20 gpm (0.1 bar @ 76 Lpm)
#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)
#20 Big Clear-1"*	23 3/4" x 7 1/8" (603 mm x 181 mm)	1 psi @ 15 gpm (0.1 bar @ 57 Lpm)

* Not Performance Tested or Certified by NSF.

Materials of Construction

BIG BLUE®

BIG CLEAR

Component	BIG BLUE®	BIG CLEAR
Housing	Polypropylene	Lexan (#10), Polycarbonate (#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
Maximum Temperature	100°F (37.8°C)	100°F (37.8°C)
Maximum Pressure	#10 Big Blue® – 100 psi (6.9 bar) #20 Big Blue® – 90 psi (6.2 bar)	#10 Big Clear – 100 psi (6.9 bar) #20 Big Clear – 90 psi (6.2 bar)

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



502 Indiana Avenue • P.O. Box 1047 • Sheboygan, Wisconsin 53082-1047
 Customer Service: 800.645.0267 • Fax: 888.203.7361 • supportspecialist@pentekfiltration.com
 International: 920.457.9435 • Fax: 920.457.2417 • international@pentekfiltration.com
 www.pentekfiltration.com

