

PENTEK BIG BLUE HEAVY DUTY SERIES FILTER HOUSINGS

FOR LARGE-CAPACITY, HIGH FLOW APPLICATIONS



Big Black not shown

Pentair Pentek[®] Big Blue[®] and Big Black Heavy Duty 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 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 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.

FEATURES/BENEFITS

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

SPECIFICATIONS

| | |
|---|--|
| Housing – Polypropylene | Temperature Rating- 40-100°F (4.4-37.8°C) |
| Cap – Polypropylene (HFPP) | |
| Button Assembly – 300-Series stainless steel, EPDM, and polypropylene | Maximum Pressure- 10" : 100 psi (6.9 bar) 20" : 90 psi (6.2 bar) |
| O-Ring – Buna-N | |



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

SPECIFICATIONS AND PERFORMANCE

| PART # | DESCRIPTION | MAXIMUM DIMENSIONS | INITIAL ΔP (PSI) @ FLOW RATE (GPM) |
|---------|---|-------------------------------|-------------------------------------|
| 150469* | 3/4" #10 Big Blue Black/Blue HFPP w/PR | 12.75" x 7.38" (324 x 187 mm) | 2 psi @ 15 gpm (0.14 bar @ 57 Lpm) |
| 150470* | 3/4" #10 Big Blue Black/Blue HFPP w/o PR | 12.75" x 7.38" (324 x 187 mm) | 2 psi @ 15 gpm (0.14 bar @ 57 Lpm) |
| 150467* | 3/4" #20 Big Blue Black/Blue HFPP w/PR | 23.04" x 7.38" (585 x 187 mm) | 2 psi @ 15 gpm (0.14 bar @ 57 Lpm) |
| 150468* | 3/4" #20 Big Blue Black/Blue HFPP w/o PR | 23.04" x 7.38" (585 x 187 mm) | 2 psi @ 15 gpm (0.14 bar @ 57 Lpm) |
| 158799* | 3/4" #20 Big Blue Black/White HFPP w/PR | 23.04" x 7.38" (585 x 187 mm) | 2 psi @ 15 gpm (0.14 bar @ 57 Lpm) |
| 150237* | 1" #10 Big Blue Black/Blue HFPP w/PR | 13.30" x 7.45" (338 x 189 mm) | 1 psi @ 15 gpm (0.07 bar @ 57 Lpm) |
| 150238* | 1" #10 Big Blue Black/Blue HFPP w/o PR | 13.30" x 7.45" (338 x 189 mm) | 1 psi @ 15 gpm (0.07 bar @ 57 Lpm) |
| 150233* | 1" #20 Big Blue Black/Blue HFPP w/PR | 23.22" x 7.45" (590 x 189 mm) | 1 psi @ 15 gpm (0.07 bar @ 57 Lpm) |
| 150234* | 1" #20 Big Blue Black/Blue HFPP w/o PR | 23.22" x 7.45" (590 x 189 mm) | 1 psi @ 15 gpm (0.07 bar @ 57 Lpm) |
| 150239* | 1-1/2" #10 Big Blue Black/Blue HFPP w/PR | 13.45" x 7.45" (342 x 189 mm) | 1 psi @ 20 gpm (0.07 bar @ 76 Lpm) |
| 150240* | 1-1/2" #10 Big Blue Black/Blue HFPP w/o PR | 13.45" x 7.45" (342 x 189 mm) | 1 psi @ 20 gpm (0.07 bar @ 76 Lpm) |
| 150235* | 1-1/2" #20 Big Blue Black/Blue HFPP w/PR | 23.74" x 7.45" (603 x 189 mm) | 1 psi @ 20 gpm (0.07 bar @ 76 Lpm) |
| 150236* | 1-1/2" #20 Big Blue Black/Blue HFPP w/o PR | 23.74" x 7.45" (603 x 189 mm) | 1 psi @ 20 gpm (0.07 bar @ 76 Lpm) |
| 150671 | 1" #10 Big Blue Black/Black HFPP w/o PR | 13.30" x 7.45" (338 x 189 mm) | 1 psi @ 15 gpm (0.07 bar @ 57 Lpm) |
| 150426 | 1" #10 Big Blue Black/Black HFPP w/PR | 13.30" x 7.45" (338 x 189 mm) | 1 psi @ 15 gpm (0.07 bar @ 57 Lpm) |
| 150383 | 1" #20 Big Blue Black/Black HFPP w/PR | 23.22" x 7.45" (590 x 189 mm) | 1 psi @ 15 gpm (0.07 bar @ 57 Lpm) |
| 150672 | 1" #20 Big Blue Black/Black HFPP w/o PR | 23.22" x 7.45" (590 x 189 mm) | 1 psi @ 15 gpm (0.07 bar @ 57 Lpm) |
| 150639 | 1-1/2" #20 Big Blue Black/Black HFPP w/o PR | 23.74" x 7.45" (603 x 189 mm) | 1 psi @ 15 gpm (0.07 bar @ 57 Lpm) |

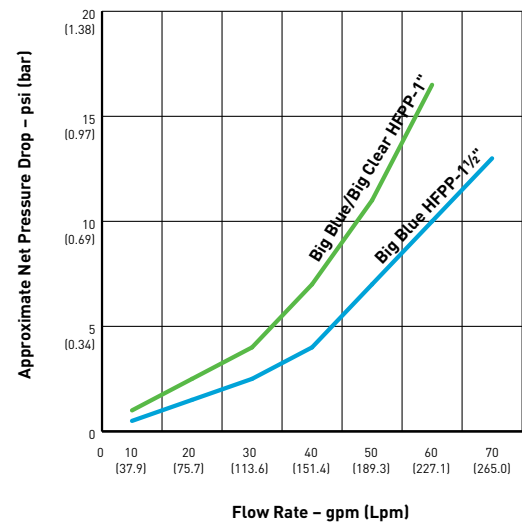
*NSF component listed

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

ACCESSORIES

| PART # | DESCRIPTION |
|----------|---|
| 150296 | SW-3 Wrench for 10" Big Blue |
| 144368 | SW-4 Wrench for 20" Big Blue |
| SH144229 | Cartridge Coupler for 4-1/2" Cartridges |
| 151122 | Buna-N O-ring for Big Blue |
| 244718 | WB-ZP - Zinc Plated Bracket ONLY |
| 150061 | WB-ZP Kit - Zinc Plated Bracket |
| 357639 | WB-SS - Stainless Steel Bracket ONLY |
| 357640 | WB-SS Kit - Stainless Steel Bracket |
| 144928 | WB-PC Kit - Powder Coated White Bracket |
| 144258 | Two-Housing Bracket |
| 144259 | Three-Housing Bracket |
| 160210 | Big Blue /Big White/Big Clear Skid, Fiberglass Hardware Kit (Assembly Required) |

PRESSURE DROP VS FLOW RATE



WATER QUALITY SYSTEMS

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