

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

Available in 10" and 20" lengths

Pressure relief/bleed on inlet side of cap

Accepts up to 4-1/2" diameter cartridges

SPECIFICATIONS

Housing – Polypropylene

Cap – Polypropylene (HFPP)

Button Assembly – 300-Series stainless steel, EPDM, and polypropylene

O-Ring – Buna-N®

Temperature Rating-
40-100°F (4.4-37.8°C)

Maximum Pressure-
10" : 100 psi (6.9 bar)
20" : 90 psi (6.2 bar)



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)



FILTRATION & PROCESS

5730 NORTH GLEN PARK ROAD, MILWAUKEE, WI 53209
262.238.4400, CUSTOMER CARE: 800.279.9404, WWW.PENTAIRAQUA.COM

All Pentair trademarks and logos are owned by Pentair, Inc. All other brand or product names are trademarks or registered marks of their respective owners. Because we are continuously improving our products and services, Pentair reserves the right to change specifications without prior notice.

Pentair is an equal opportunity employer.

310053 Rev D MR14 © 2014 Pentair Residential Filtration, LLC. All Rights Reserved.