

PENTEK® BIG BLUE® WITH DRAIN FILTER HOUSINGS

FOR LARGE CAPACITY, HIGH FLOW APPLICATIONS



Pentair® Pentek® Big Blue® Filter Housing with drain offers 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 in 3/4", 1", or 1½" NPT inlet and outlet ports. All housings come complete with a 3/8" drain valve. The single large ACME thread closure ensures quick opening and positive sealing.

FEATURES/BENEFITS

Large capacity housing suitable for high flow applications

Available in 10" and 20" lengths

Comes complete with 3/8" drain and drain plug

Pressure relief/bleed on inlet side of cap
Accepts up to 4½" diameter cartridges

SPECIFICATIONS

Housing – Polypropylene

Cap – Polypropylene (HFPP)

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

O-Ring – Buna-N®

Ball Valve - PVC/Buna-N Seals

Drain Plug - High Density Polypropylene

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

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

SPECIFICATIONS AND PERFORMANCE

PART #	DESCRIPTION	MAXIMUM DIMENSIONS	INITIAL ΔP (PSI) @ FLOW RATE (GPM)
150686	3/4" #10 Big Blue® HFPP w/PR and 3/8" Sump Drain Valve	15.79" x 7.38" (401 x 187 mm)	2 psi @ 15 gpm (0.14 bar @ 57 Lpm)
150689	3/4" #20 Big Blue HFPP w/PR and 3/8" Sump Drain Valve	26.08" x 7.38" (662 x 187 mm)	2 psi @ 15 gpm (0.14 bar @ 57 Lpm)
150687	1" #10 Big Blue HFPP w/PR and 3/8" Sump Drain Valve	16.34" x 7.45" (415 x 189 mm)	1 psi @ 15 gpm (0.07 bar @ 57 Lpm)
150690	1" #20 Big Blue HFPP w/PR and 3/8" Sump Drain Valve	26.26" x 7.45" (667 x 189 mm)	1 psi @ 15 gpm (0.07 bar @ 57 Lpm)
150688	1-1/2" #10 Big Blue HFPP w/PR and 3/8" Sump Drain Valve	16.49" x 7.45" (419 x 189 mm)	1 psi @ 20 gpm (0.07 bar @ 76 Lpm)
150691	1-1/2" #20 Big Blue HFPP w/PR and 3/8" Sump Drain Valve	26.78" x 7.45" (680 x 189 mm)	1 psi @ 20 gpm (0.07 bar @ 76 Lpm)

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

ACCESSORIES

PART #	DESCRIPTION
151039	Pressure Relief Button Kit
151122	Big Blue® O-ring
153097	#20 Big Blue Sump with 3/8" NPT Drain
153098	#10 Big Blue Sump with 3/8" NPT Drain
154167	1-1/2" Black HFPP Cap w/PR for Big Blue
144357	3/8" FNPT x 3/8" NPT PVC Ball Valve
SH144362	3/8" Drain Plug HDPE
150370	Housing Stand



FILTRATION & PROCESS

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