

PENTEK® VALVE-IN-HEAD (VIH) SERIES FILTER HOUSINGS

IDEAL FOR A VARIETY OF APPLICATIONS INCLUDING RESIDENTIAL, COMMERCIAL AND INDUSTRIAL



Pentair® Pentek® Valve-in-Head Filter Housings incorporate the same rugged design and application features as our Standard 3/4" NPT Housings.

The internal valve-in-head allows both inlet and outlet ports to be simultaneously shut off with a half turn of the handle. This eliminates the need for external shut-off valves. Radial sealing O-rings and sealing surfaces are continuously cleaned each time the valve is used, ensuring leak-proof operation.

Valve-in-Head Filter Housings are available in both 10" and 20" lengths, and will accommodate a wide range of 2-3/8" to 2-7/8" diameter cartridges. The polypropylene caps feature a pressure-relief button on the inlet side to relieve pressure inside the housing when changing filter cartridges.

Opaque Valve-In-Head Filter Housings are molded from rugged reinforced polypropylene, offer outstanding chemical compatibility, and are ideal for use in a variety of low-flow applications. These applications include under-sink and countertop residential filtration, pre- and post-reverse osmosis filtration, recreational vehicle filtration, foodservice, and humidifying systems.

Clear Valve-In-Head Filter Housings offer on-site examination of flow, performance, and cartridge life. They are also ideal for a variety of applications.

FEATURES/BENEFITS

Ideal for a wide range of applications, including residential, commercial and industrial

Available in 10" and 20" lengths

Thick walls for increased strength

Pressure relief/bleed button on inlet side of cap

Leak-proof seal

Available with clear or opaque sumps

SPECIFICATIONS

Housing – Polypropylene (opaque) or Styrene Acrylonitrile (clear)

Cap – Reinforced polypropylene

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

Valve Parts – Delrin

O-Ring – Buna-N

Temperature Rating– 40-125°F (4.4-51.7°C)

Maximum Pressure – 125 psi (8.6 bar)



150164 is 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)
150164	3/4" Valve-In-Head #10 Black/Blue w/PR	12.50" x 5.13" (318 mm x 130 mm)	4 psi @ 8 gpm (0.28 bar @ 30 Lpm)
150437	3/4" Valve-In-Head #10 Blue/Clear w/PR	12.88" x 5.25" (327 mm x 133 mm)	4 psi @ 8 gpm (0.28 bar @ 30 Lpm)
150329	3/4" Valve-In-Head #10 Black/Clear w/PR	12.88" x 5.25" (327 mm x 133 mm)	4 psi @ 8 gpm (0.28 bar @ 30 Lpm)
150166	3/4" Valve-In-Head #20 Black/Blue w/PR	22.88" x 5.13" (581 mm x 130 mm)	4 psi @ 8 gpm (0.28 bar @ 30 Lpm)

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

ACCESSORIES

PART #	DESCRIPTION
150295	SW-2 Wrench for Standard
155003	Cartridge Coupler for Standard Cartridges
151120	Buna-N® #241 O-ring for Standard
151117	Viton® #241 O-ring for Standard
151118	Silicone #241 O-ring for Standard
151011	UB-1 Kit - Zinc Plated Bracket for Valve-In-Head (U-Shaped)
144012-00	UB-1 - Zinc Plated Bracket ONLY for Valve-In-Head (U-Shaped)



FILTRATION & PROCESS

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