



# PENTEK® Valve-In-Head

## Filter Housings

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

**Valve-In-Head (VIH) Filter Housings** incorporate the same rugged design and application features as our Standard 3/4" Valve-In-Head NPT housings.

**Valve-In-Head Filter Housings** are available in both 10" Valve-In-Head and 20" Valve-In-Head lengths, and will accommodate a wide range of 2-3/8" Valve-In-Head to 2-7/8" Valve-In-Head diameter cartridges. The polypropylene caps feature 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, Opaque Valve-In-Head filter housings offer outstanding chemical compatibility and are ideal for use in a variety of low-flow applications. These applications include many residential, commercial and industrial filtration requirements.

**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.

Manufactured of clear, Styrene-Acrylonitrile (SAN), the sumps are annealed to relieve stress, adding clarity and strength.

### Product Features

- Ideal for a wide range of applications, including residential, commercial and industrial
- Available in 10" Valve-In-Head and 20" Valve-In-Head lengths
- Pressure-relief/bleed button on inlet side of cap
- Thick walls for increased strength
- Leak-proof sealing with top-seated Buna-N o-ring
- Available with clear or opaque sumps



#20 Opaque

#10 Clear

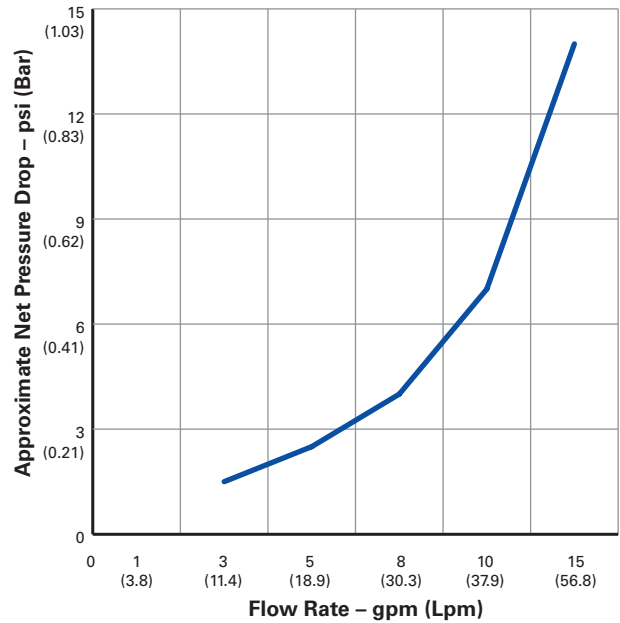
#10 Opaque



**Pentair  
Water**

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## Filter Housings



The 150164 is Tested and Certified by NSF International to NSF/ANSI Standard 42 for material and structural integrity requirements.

### Housing Specifications and Performance Data

Model	Maximum Dimensions	Initial psi @ Flow Rate (gpm)	Max. Temp.	Max. Pressure
#10 VIH Blue	12-1/2" x 5-1/8" (318 mm x 130 mm)	4 psi @ 8 gpm (0.3 bar @ 30 Lpm)	125°F (51.7°C)	125 psi (8.62 bar)
#10 VIH Clear	12-7/8" x 5-1/4" (327 mm x 133 mm)	4 psi @ 8 gpm (0.3 bar @ 30 Lpm)	125°F (51.7°C)	125 psi (8.62 bar)
#20 VIH Blue	22-7/8" x 5-1/8" (575 mm x 130 mm)	4 psi @ 8 gpm (0.3 bar @ 30 Lpm)	125°F (51.7°C)	125 psi (8.62 bar)

### Materials of Construction

Model	Accessories
150297	Wrench
151011	Mounting Bracket

Housing	Polypropylene (Opaque) or Styrene Acrylonitrile (Clear)
Cap	Reinforced Polypropylene
Button Assembly	300-series Stainless Steel, EPDM, and Polypropylene
Valve Parts	Delrin
O-Ring	#241 Buna-N (151120)

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



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