

## VALVE-IN-HEAD HOUSINGS



The 150164 and 150172 are Tested and Certified by NSF International under NSF/ANSI Standard 42 for material and structural requirements only.



**269.375.1290**

7601 Stadium Drive Kalamazoo, MI 49009

[www.flowtechfilters.com](http://www.flowtechfilters.com)

- Ideal for a wide range of applications including residential, commercial and industrial
- Available in 10" and 20" lengths
- Optional 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 and opaque sumps

Valve-in-Head 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, will accommodate a wide range of 2 1/8" and 2 1/2" diameter cartridges and are available with either reinforced polypropylene or clear Styrene-Acrylonitrile (SAN) sumps.

### Housing Specifications and Performance Data

Model	Maximum Dimensions	Initial ΔP (psi) @ Flow Rate (gpm)
#10 VIH	12 1/2" x 5 1/2" (318 mm x 130 mm)	4 psi @ 8 gpm (0.3 bar @ 30 L/min)
#10 VIH Clear	12 7/8" x 5 1/4" (327 mm x 133 mm)	4 psi @ 8 gpm (0.3 bar @ 30 L/min)
#20 VIH	22 1/2" x 5 1/2" (575 mm x 130 mm)	4 psi @ 8 gpm (0.3 bar @ 30 L/min)

### Materials of Construction

- **Housing:** Polypropylene (Blue)  
Styrene Acrylonitrile (Clear)
- **Cap:** Reinforced Polypropylene
- **Button Assembly:** 300-series Stainless Steel, Polypropylene and EPDM
- **O-Ring:** Buna-N
- **Maximum Temperature:** 125°F (51.7°C)
- **Maximum Pressure:** 125 psi (8.62 bar)



Item No.	Description	Volume (Cubic Ft)	Weight (lbs)
150164	3/4" Valve-In-Head #10 Blue w/pr	2.75	44
150437		2.75	43
150166	3/4" Valve-In-Head #20 Blue w/pr	3.09	40