



## VALVE-IN-HEAD FILTER HOUSINGS

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

Valve-in-head (VIH) 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<sup>3</sup>/<sub>8</sub>" to 2<sup>7</sup>/<sub>8</sub>" 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 under-sink and countertop residential filtration, pre- and post-reverse osmosis filtration, recreational vehicle filtration, food service and humidifying systems.

**Clear Valve-In-Head Filter Housings** offer on-site examination of flow, performance, and cartridge life.

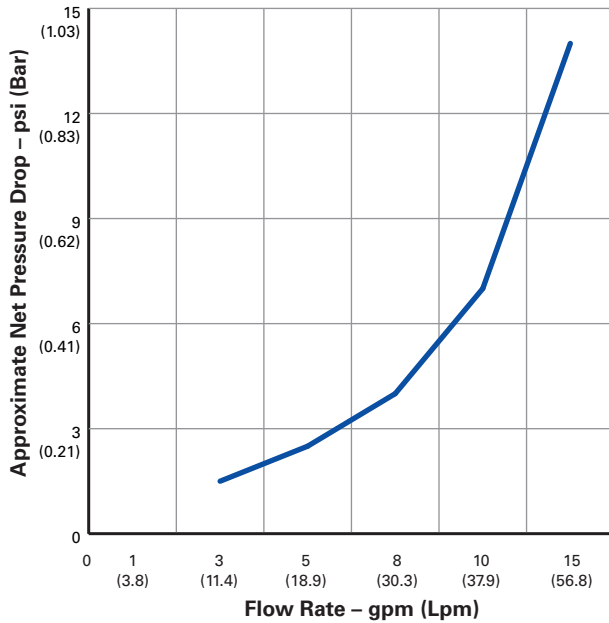
They are also ideal for a variety of applications.

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



# VALVE-IN-HEAD

## Filter Housings



The 150164 and 150172 are 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 ΔP (psi) @ Flow Rate (gpm)
#10 VIH	12½" x 5½" (318 mm x 130 mm)	4 psi @ 8 gpm (0.3 bar @ 30 Lpm)
#10 VIH Clear	12⅞" x 5¼" (327 mm x 133 mm)	4 psi @ 8 gpm (0.3 bar @ 30 Lpm)
#20 VIH	22⅞" x 5½" (575 mm x 130 mm)	4 psi @ 8 gpm (0.3 bar @ 30 Lpm)

### Materials of Construction

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
Maximum Temperature	125°F (51.7°C)
Maximum Pressure	125 psi (8.62 bar)

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



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