

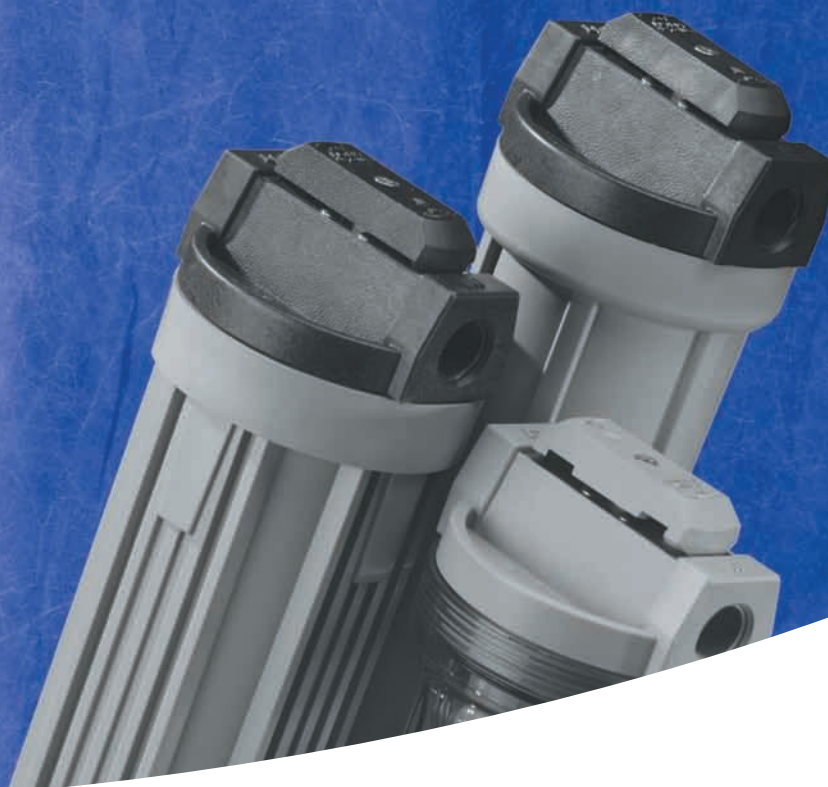
# LENNTECH

info@lennotech.com

www.lennotech.com

Tel. +31-15-261.09.00

Fax. +31-15-261.62.89



#10 Clear  
VIH

#20 Opaque  
VIH

#10 Opaque  
VIH

## 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 3/8" to 2 7/8" 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.

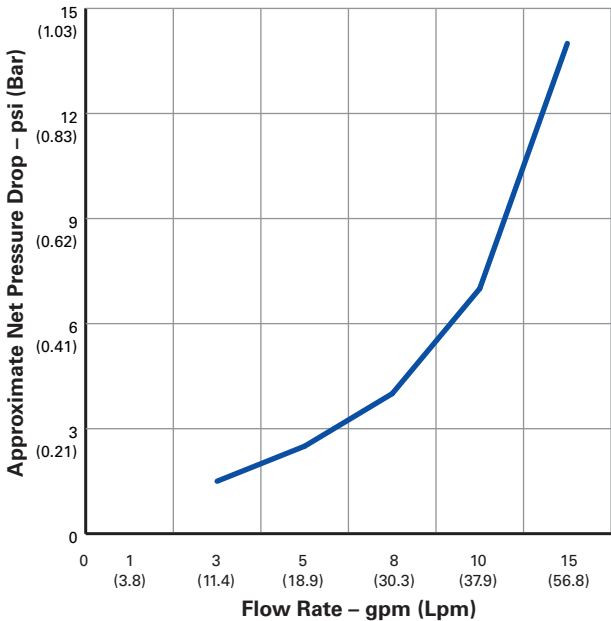
Manufactured of clear, FDA-compliant Styrene-Acrylonitrile (SAN), the sumps are annealed to relieve stress, adding clarity and strength.



**PENTEK**  
Pentair Water

# 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 5⅛" (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 5⅛" (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.

LENNTECH bv

Rotterdamseweg 402m  
2629HH Delft  
The Netherlands  
info@lenntech.com  
www.lenntech.com  
Tel. +31-15-261.09.00  
Fax. +31-15-261.62.89

