PENTEK® Slim Line®

Filter Housings

Slim Line® Filter Housings are an excellent choice for low-flow applications and when space and chemical compatibility are primary concerns.

Slim Line® Filter Housings are available in either reinforced polypropylene or clear Styrene-Acrylonitrile (SAN) in 5", 10" and 20" lengths. The black or blue reinforced polypropylene housing caps are available with 1/4", 3/8" or 1/2" NPT connections. Four bosses are molded into every cap for mounting purposes.

They are equipped with a reinforced polypropylene cap and offer an optional pressure-relief button on the inlet side to relieve pressure inside the housing when changing filter cartridges.

Opaque Slim Line® 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.
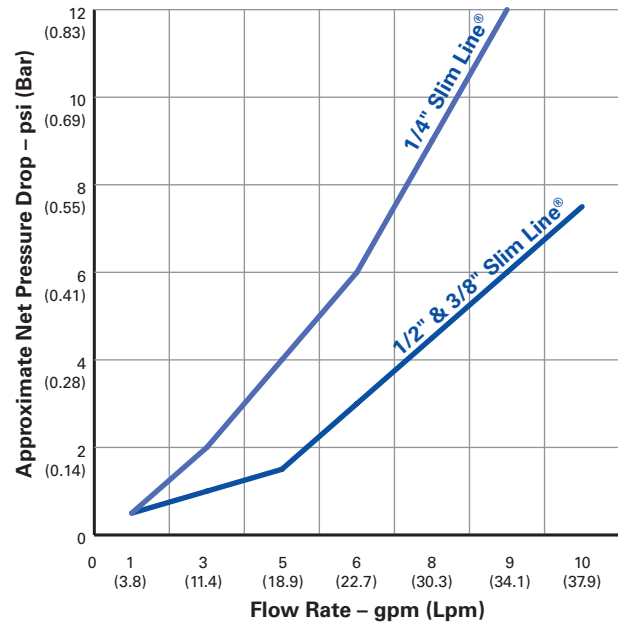
Clear Slim Line® Filter Housings offer on-site examination of flow, performance, and cartridge life. They are also ideal for a variety of applications. Manufactured of clear Styrene-Acrylonitrile (SAN), the sumps are annealed to relieve stress, adding clarity and strength.

Product Features
- Slim design reduces space required for installation without sacrificing capacity
- Available in 5", 10", and 20" lengths
- Optional pressure relief button on inlet side of cap
- Leak-proof seal with top-seated o-ring
- Available with clear or opaque sumps

#10 Clear

#10 Opaque

Pentair Water

PENTEK® Slim Line®

Filter Housings

#20 Opaque

#10 Clear

#5 Clear

#5 Opaque

#10 Opaque

Approximate Net Pressure Drop – psi (Bar) vs Flow Rate – gpm (Lpm)

1/4" Slim Line®

1/2" & 3/8" Slim Line®

NSF® COMPONENT

The 158005, 158006, 158087, 158088, 158114, 158115, 158120, 158125, 158126, 158129, 158131, 158149, 158174, 158177, 158179, 158182, 158195, 158196, 158204, and 158205 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 psi @ Flow Rate (gpm)	Max. Temp.	Max. Pressure
#5 Clear	7-3/8" x 4-5/8" (187 mm x 118 mm)	2 psi @ 3 gpm (0.14 bar @ 11 Lpm)	125°F (51.7°C)	125 psi (8.62 bar)
#5 Opaque	7-3/8" x 4-5/8" (187 mm x 118 mm)	2 psi @ 3 gpm (0.14 bar @ 11 Lpm)	125°F (51.7°C)	125 psi (8.62 bar)
#10 Clear	12-1/8" x 4-5/8" (308 mm x 118 mm)	2 psi @ 5 gpm (0.14 bar @ 19 Lpm)	125°F (51.7°C)	125 psi (8.62 bar)
#10 Opaque	11-3/4" x 4-3/8" (299 mm x 111 mm)	2 psi @ 5 gpm (0.14 bar @ 19 Lpm)	125°F (51.7°C)	125 psi (8.62 bar)
#20 Opaque	21-7/8" x 4-3/8" (556 mm x 111 mm)	2 psi @ 5 gpm (0.14 bar @ 19 Lpm)	125°F (51.7°C)	125 psi (8.62 bar)

Model	Accessories
150539	Wrench
244047	Mounting Bracket

Materials of Construction

Housing	Polypropylene (Opaque) or Styrene Acrylonitrile (Clear)
Cap	Reinforced Polypropylene
Button Assembly	300-series Stainless Steel, EPDM, and Polypropylene
O-Ring	#237 Buna-N (151121)

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