



## 3G SLIM LINE® FILTER HOUSINGS

- 10-inch housings available with clear or opaque sump
- Buttress threads for additional strength and easier cartridge changes
- John Guest and NPT threaded connections offered in 1/4-inch, 3/8-inch, and 1/2-inch
- Cap styles include mounting boss, integral bracket, meter mount and optional pressure relief bleed valve
- Housing accepts our proprietary Seal-Safe™ double o-ring sealing cartridges as well as DOE (double open end) cartridges
- Leak-proof sealing with a top-seated floating Buna-N o-ring

Slim Line® housings are the perfect choice for low-flow filtration applications. Their slim design and high chemical compatibility make them ideal for those challenging applications.

Caps are manufactured from reinforced polypropylene in black, blue, and white. Standard NPT threaded and John Guest connections are available with 1/4-inch, 3/8-inch and 1/2-inch connections. Three different style caps add to the flexibility of these housings.

The mounting boss cap features bosses molded in to the cap. This allows the housing to be mounted to a single bracket or a multiple housing bracket.

The integral bracket cap does not require a separate bracket as the

bracket is part of the cap. This feature saves valuable time during installation.

Take the guesswork out of when to change your cartridge by using the meter mount cap. These gauges indicate when the cartridge is dirty and allow you to get the most out of your cartridges.

Pressure relief buttons are another option with the Slim Line® 3G housings. Placed on the inlet side, the pressure-relief button helps reduce the pressure in the housing when changing the cartridge.

Housings are available with either clear or opaque sumps. The clear housings are manufactured of Styrene-Acrylonitrile (SAN) and are stress relieved through a special process for added strength and clarity. Clear

housings offer on-site examination of the flow, cartridge life and performance.

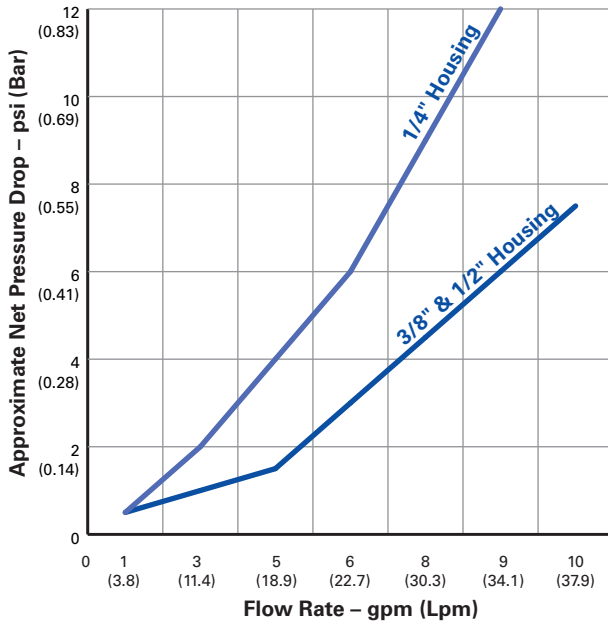
Opaque housings are molded from reinforced polypropylene and offer outstanding chemical compatibility.

Typical applications for the 3G Slim Line® housings include, but are not limited to, undersink residential filtration, pre- and post reverse osmosis systems, recreational vehicle filtration, and food service.

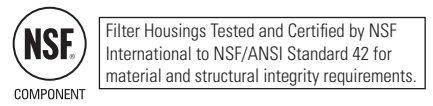
\* U.S. Patent No. D 455,194 S and D 456,486 S



# 3G Slim Line® Filter Housings



\* Shown with differential gauge. Gauges are not performance tested or certified by NSF.  
\*\* Gauges sold separately.



## Housing Specifications and Performance Data

Model	Maximum Dimensions	Initial ΔP (psi) @ Flow Rate (gpm)	Maximum Temperature	Maximum Pressure
1/4-inch #10 3G Slim Line w/MB	11¾" x 4¾" (298 mm x 121 mm)	2 psi @ 3 gpm (0.14 bar @ 11 L/min)	125°F (51.7°C)	125 psi (8.62 bar)
1/4-inch #10 3G Slim Line w/IB	13¾" x 5¾" (340 mm x 137 mm)	2 psi @ 3 gpm (0.14 bar @ 11 L/min)	125°F (51.7°C)	125 psi (8.62 bar)
3/8-inch #10 3G Slim Line w/MB	11¾" x 4¾" (298 mm x 121 mm)	2 psi @ 5 gpm (0.14 bar @ 19 L/min)	125°F (51.7°C)	125 psi (8.62 bar)
3/8-inch #10 3G Slim Line w/IB	13¾" x 5¾" (340 mm x 137 mm)	2 psi @ 5 gpm (0.14 bar @ 19 L/min)	125°F (51.7°C)	125 psi (8.62 bar)
1/2-inch #10 3G Slim Line w/MB	11¾" x 4¾" (298 mm x 121 mm)	2 psi @ 5 gpm (0.14 bar @ 19 L/min)	125°F (51.7°C)	125 psi (8.62 bar)
1/2-inch #10 3G Slim Line w/IB	13¾" x 5¾" (340 mm x 137 mm)	2 psi @ 5 gpm (0.14 bar @ 19 L/min)	125°F (51.7°C)	125 psi (8.62 bar)
1/2-inch #10 3G Slim Line w/IB & MM	13¾" x 5¾"* (340 mm x 137 mm)	2 psi @ 5 gpm (0.14 bar @ 19 L/min)	125°F (51.7°C)	125 psi (8.62 bar)

MB = Mounting Bosses for MC-1A Bracket, 1B = Integral Bracket, MM = Meter Mount  
\*Height does not include meter. Add 1¾-inch for 143549 gauge and 1/2-inch for 143550 gauge.

### Materials of Construction

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

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



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