



FLOW TECH
CORPORATION

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THIRD GENERATION SLIM LINE® FILTER HOUSINGS



- Choice of 1/4", 3/8", 1/2" NPT or John Guest Super Speedfit® Inlet/Outlet
- Integral bracket (IB) versions available.
- Available in clear and opaque.
- Buttress threads and uniform walls for easier cartridge change and improved strength.
- Caps available with differential pressure meter option (IB MM cap).
- Improved pressure-relief/bleed button option available.
- Leak-proof sealing with top-seated floating Buna-N o-ring.
- Clear housings offer on-site examination of cartridge.

This patent pending Third Generation (3G) design features integral brackets, John Guest Super Speedfit® quick connect fittings and caps for differential pressure gauges. The patented 3G housing accepts standard double open end (DOE).

3G Standard Filter Housings are manufactured from a durable polypropylene or clear Styrene-Acrylonitrile (SAN) for excellent chemical compatibility.

Housing Specifications and Performance Data

Model	Maximum Dimensions	Initial ΔP (psi) @ Flow Rate (gpm)
#10 3G SL Opaque or Clear 1/4" NPT MB	12½" x 4¾" (318 mm x 118 mm)	2 psi @ 3 gpm (0.14 bar @ 11 L/min)
#10 3G SL Opaque or Clear 3/8" NPT IB	13¾" x 5¼" (340 mm x 133 mm)	2 psi @ 5 gpm (0.14 bar @ 19 L/min)
#10 3G SL Opaque or Clear 1/2" NPT IB MM*	13¾" x 5¼" (340 mm x 133 mm)	2 psi @ 5 gpm (0.14 bar @ 19 L/min)
#10 3G SL Opaque or Clear 1/4" QC IB MM*	13¾" x 5¼" (340 mm x 133 mm)	2 psi @ 3 gpm (0.14 bar @ 19 L/min)
#10 3G SL Opaque or Clear 3/8" QC IB	13¾" x 5¼" (340 mm x 133 mm)	2 psi @ 5 gpm (0.14 bar @ 19 L/min)
#10 3G SL Opaque or Clear 1/2" QC MB	12½" x 4¾" (318 mm x 118 mm)	2 psi @ 5 gpm (0.14 bar @ 19 L/min)

MB = Mounting Boss Cap for mounting to bracket

* Height does not include meter. Add 1¾" for 143549 meter and 1/2" for 143550 meter.

Materials of Construction

- **Housing:** Polypropylene (Opaque) or 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)

John Guest Super Speedfit® is a registered trademark of John Guest USA, Inc.