

## THIRD GENERATION STANDARD FILTER HOUSINGS





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- Integral bracket (IB) versions available.
- Available in 10" and 20", clear and opaque sumps.
- Buttress threads and uniform walls for easier cartridge change and improved strength.
- Accepts proprietary Seal-Safe™ double o-ring sealing cartridges as well as standard DOE cartridges.
- 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, 20" clear housings, and caps for differential pressure gauges. The patented 3G housing accepts standard double open end (DOE) and our Seal-Safe™ o-ring sealing cartridges. The new Seal-Safe™ o-ring design offers enhanced cartridge sealing for critical cartridge applications.

3G Standard Filter Housings are manufactured from a durable polypropylene or clear Styrene-Acrylonitrile (SAN) for excellent chemical compatibility. All are equipped with 3/4" NPT inlet and outlet ports.

### Housing Specifications and Performance Data

Model	Maximum Dimensions	Initial ΔP (psi) @ Flow Rate (gpm)
#10 3G STD Blue or Clear MB	12¾" x 5½" (324 mm x 137 mm)	1 psi @ 10 gpm (0.07 bar @ 38 L/min)
#10 3G STD Blue or Clear IB/MM*	13¾" x 5½" (337 mm x 146 mm)	1 psi @ 10 gpm (0.07 bar @ 38 L/min)
#20 3G STD Blue or Clear MB	23" x 5½" (584 mm x 137 mm)	1 psi @ 10 gpm (0.07 bar @ 38 L/min)
#20 3G STD Blue or Clear IB/MM*	23½" x 5½" (597 mm x 146 mm)	1 psi @ 10 gpm (0.07 bar @ 38 L/min)

\* Height does not include meter. Add 1¼" for 143549 meter and 1/2" for 143550 meter.

### Materials of Construction

- **Housing:** Polypropylene (Blue) 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)

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