



3G[®]

CARTRIDGE HOUSINGS

3G[®] Cartridge Housings feature unique and innovative 3G[®] design. This patented design features integral brackets, 10-inch or 20-inch length, clear housings, and caps for differential pressure gauges. Polypropylene construction offers excellent chemical compatibility.

APPLICATIONS

- Commercial
- Industrial
- Residential

FEATURES

- Reinforced polypropylene housings have excellent chemical resistance
- Clear housings offer on-site examination of the cartridge and have excellent chemical compatibility
- 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 double open end cartridges
- Optional pressure relief/bleed button and differential pressure gauge
- Leak-proof sealing with top-seated floating Buna-N[®] o-ring
- Inlet and outlet available in 0.25-, 0.38-, 0.5- and 0.75-NPT
- Accommodate a wide range of 2.25- to 3.125-inch diameter cartridges

HOUSING OPTIONS

- Available in 10- and 20-inch sumps in clear and opaque
- Durable polypropylene or FDA-compliant, clear Styrene-Acrylonitrile (SAN)
- Integral bracket and mounting boss cap versions available

SPECIFICATIONS

Housing	Polypropylene (Opaque) or Styrene Acrylonitrile (Clear)
Cap	Reinforced Polypropylene
Button Assembly	300-Series Stainless Steel, EPDM, and Polypropylene
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.



**Pentair
Industrial**

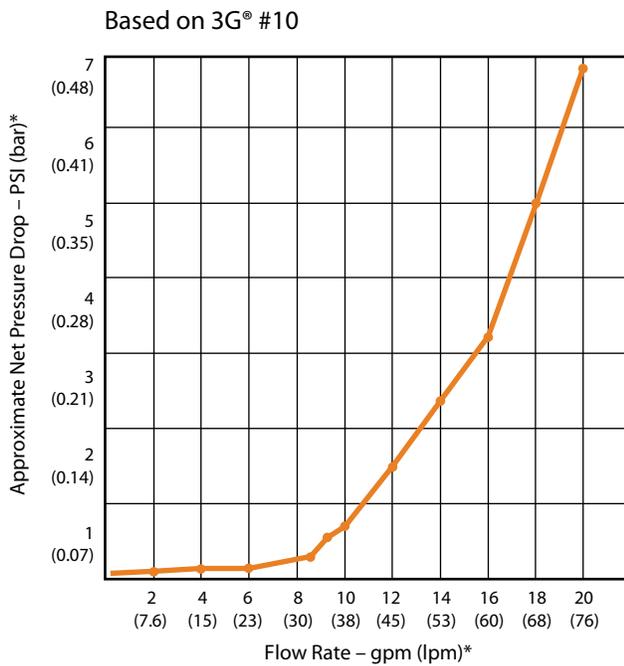
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HOUSING SPECIFICATIONS AND PERFORMANCE

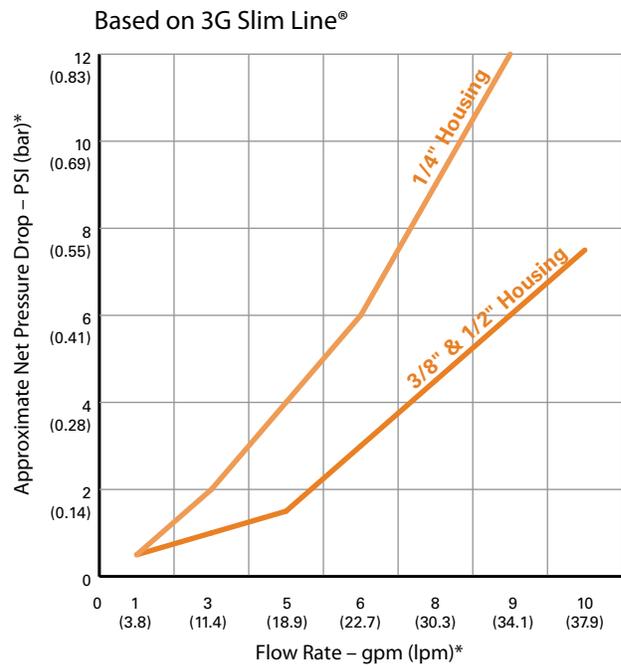
Model	Maximum Dimensions	Initial ΔP (PSI) @ Flow Rate (gpm)
3G #10 Blue or Clear MB	12.75" x 5.375" (324 mm x 137 mm)	1 PSI @ 10 gpm (0.07 bar @ 38 Lpm)
3G #10 Blue or Clear MB	13.25" x 5.75" (337 mm x 146 mm)	1 PSI @ 10 gpm (0.07 bar @ 38 Lpm)
3G #20 Blue or Clear MB	23" x 5.375" (597 mm x 137 mm)	1 PSI @ 10 gpm (0.07 bar @ 38 Lpm)
3G #20 Blue or Clear IB/MM*	23.5" x 5.75" (597 mm x 146 mm)	1 PSI @ 10 gpm (0.07 bar @ 38 Lpm)
.25-inch #10 3G Slim Line® MB	11.75" x 4.75" (298 mm x 121 mm)	2 PSI @ 3 gpm (0.14 bar @ 11 Lpm)
.25-inch #10 3G Slim Line® IB	13.375" x 5.375" (340 mm x 137 mm)	2 PSI @ 3 gpm (0.14 bar @ 11 Lpm)
.375-inch #10 3G Slim Line® MB	11.75" x 4.75" (298 mm x 121 mm)	2 PSI @ 5 gpm (0.14 bar @ 19 Lpm)
.375-inch #10 3G Slim Line® IB	13.375" x 5.375" (340 mm x 137 mm)	2 PSI @ 5 gpm (0.14 bar @ 19 Lpm)
.5-inch #10 3G Slim Line® MB	11.75" x 4.75" (298 mm x 121 mm)	2 PSI @ 5 gpm (0.14 bar @ 19 Lpm)
.5-inch #10 3G Slim Line® IB	13.375" x 5.375" (340 mm x 137 mm)	2 PSI @ 5 gpm (0.14 bar @ 19 Lpm)
.5-inch #10 3G Slim Line® IB/MM	13.375" x 5.375" (340 mm x 137 mm)	2 PSI @ 5 gpm (0.14 bar @ 19 Lpm)

TEST DATA

3G Standard Housing Water Flow Rate



* Pressure drop and flow rate based on housing without cartridge.



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