

## INDUSTRIAL<sup>®</sup> 3G<sup>®</sup> CARTRIDGE HOUSINGS



3G<sup>®</sup> Cartridge Housings feature unique and innovative 3G<sup>®</sup> design. This patented design features integral brackets, 10" or 20" length, clear housings, and caps for differential pressure gauges. Polypropylene construction offers excellent chemical compatibility.

### FEATURES/BENEFITS

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<sup>®</sup> 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" (57.2 to 79.4 mm) diameter cartridges

### APPLICATIONS

Commercial

Industrial

Residential

### OPTIONS

Available in 10" and 20" sumps in clear and opaque

Durable polypropylene or FDA-compliant, clear Styrene-Acrylonitrile (SAN)

Integral bracket and mounting boss cap versions available

## HOUSING SPECIFICATIONS

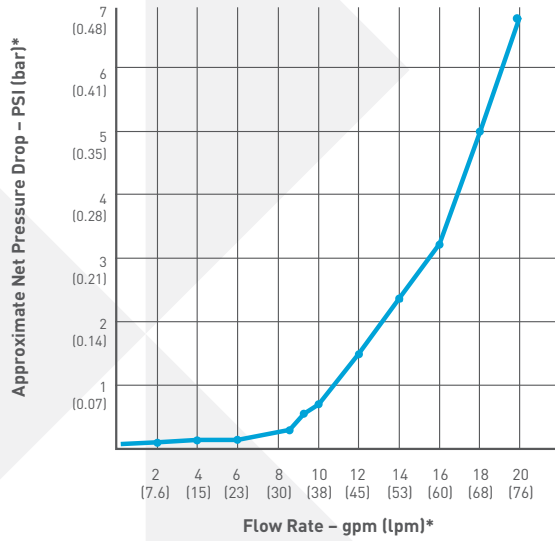
Housing	Polypropylene (opaque) or Styrene Acrylonitrile (clear)
Cap	Reinforced Polypropylene
Button Assembly	300-Series Stainless Steel, EPDM and Polypropylene
O-ring	Buna-N®
Max. Temperature	125 °F (51.7 °C)
Max. Pressure	125 psi (8.62 bar)

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

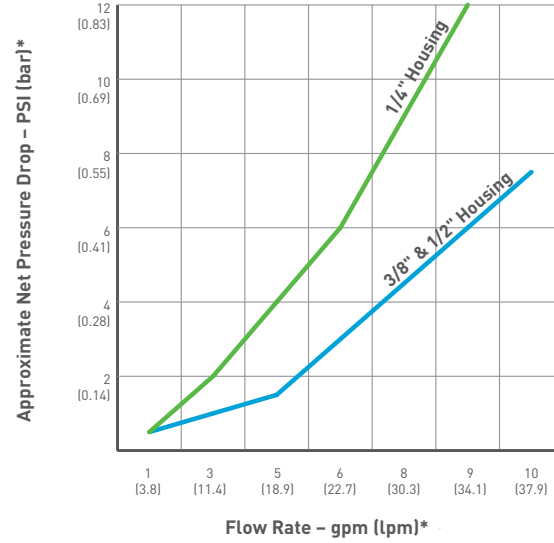
MODEL	MAXIMUM DIMENSIONS	INITIAL ΔP (PSI) @ FLOW RATE (GPM)
3G #10 Blue or Clear MB	12.75" x 5.375" (324 mm x 137 mm)	1 PSI @ 10 gpm (0.07 bar @ 38 Lpm)
3G #10 Blue or Clear MB	13.25" x 5.75" (337 mm x 146 mm)	1 PSI @ 10 gpm (0.07 bar @ 38 Lpm)
3G #20 Blue or Clear MB	23" x 5.375" (597 mm x 137 mm)	1 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" #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" #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" #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" #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" #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" #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" #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)

## PRESSURE DROP VS FLOW RATE

Based on 3G® #10



Based on 3G Slim Line®



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



**FILTRATION & PROCESS**

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