

INDUSTRIAL 3G CARTRIDGE HOUSINGS



3G Cartridge Housings feature unique and innovative 3G 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 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

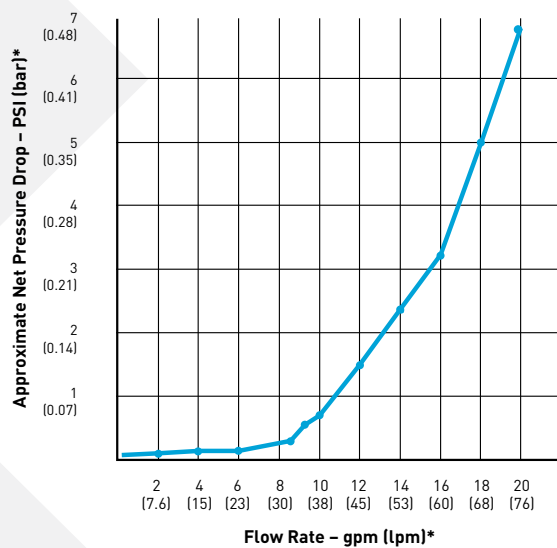
Housing	Polypropylene (opaque) or Styrene Acrylonitrile (clear)
Cap	Reinforced Polypropylene
Button Assembly	300-Series Stainless Steel, EPDM and Polypropylene
O-ring	Buna-N
Max. Temperature	125 °F (51.7 °C)
Max. Pressure	125 psi (8.62 bar)

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

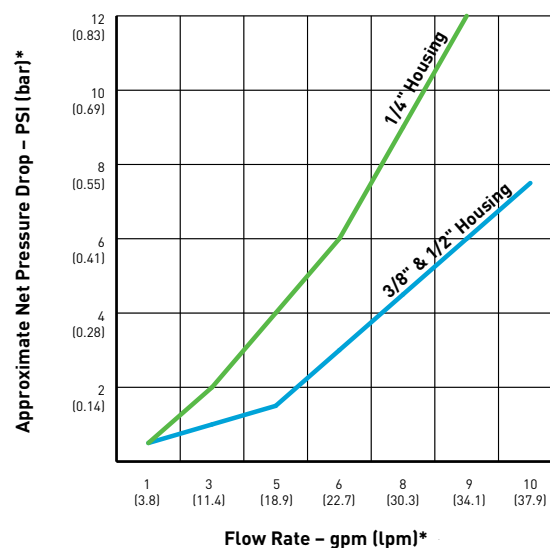
MODEL	MAXIMUM DIMENSIONS	INITIAL ΔP (PSI) @ FLOW RATE (GPM)
3G #10 Blue or Clear MB	12.75" x 5.375" (324 mm x 137 mm)	1 PSI @ 10 gpm (0.07 bar @ 38 Lpm)
3G #10 Blue or Clear IB	13.25" x 5.75" (337 mm x 146 mm)	1 PSI @ 10 gpm (0.07 bar @ 38 Lpm)
3G #20 Blue or Clear MB	23" x 5.375" (597 mm x 137 mm)	1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

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

5730 NORTH GLEN PARK ROAD, MILWAUKEE, WI 53209

P: 262.238.4400 | F: 262.238.4404 | WWW.PENTAIRAQUA.COM | CUSTOMER CARE: 800.279.9404

All Pentair trademarks and logos are owned by Pentair, Inc. or its affiliates. All other registered and unregistered trademarks and logos are the property of their respective owners. Because we are continuously improving our products and services, Pentair reserves the right to change specifications without prior notice. Pentair is an equal opportunity employer.

4003018 Rev D OC14 © 2014 Pentair Residential Filtration, LLC. All rights reserved.

