

3G STANDARD SERIES

CARTRIDGE HOUSINGS



*Shown with differential gauge.
Gauges sold separately.

3G Standard Series Housings feature integral brackets, 20" clear housings, and caps for differential pressure gauges. They accept standard double open end (DOE) and our O-ring sealing cartridges. The O-ring design offers enhanced cartridge sealing for critical cartridge applications.

3G Standard Filter Housings are manufactured from durable polypropylene or clear Styrene-Acrylonitrile (SAN). Reinforced polypropylene housings have excellent chemical resistance and are ideal for many residential, commercial and industrial applications. Clear sumps are manufactured from Styrene-Acrylonitrile (SAN). They offer on-site examination of the cartridge and have excellent chemical compatibility.

All are equipped with 3/4" NPT inlet and outlet ports. 3G Standard Filter Housings are available in 10" and 20" lengths and will accommodate a wide range of 2-1/4" to 3-1/8" diameter cartridges.

FEATURES/BENEFITS

Integral bracket and mounting boss cap versions available

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

Buttress threads and uniform walls for easier cartridge change and improved strength

Accepts double O-ring sealing cartridges as well as standard DOE cartridges

Optional pressure-relief/bleed button and differential pressure gauge

Leak-proof seal

SPECIFICATIONS

Housing – Polypropylene (opaque) or Styrene Acrylonitrile (clear)

Cap – Reinforced Polypropylene

Button Assembly – 300 Series stainless steel, EPDM, and polypropylene

O-Ring – Buna-N

Temperature Rating – 40-125°F (4.4-51.7°C)

Maximum Pressure – 125 psi (8.6 bar)

INDUSTRIAL

SPECIFICATIONS AND PERFORMANCE

PART #	DESCRIPTION	MAXIMUM DIMENSIONS	INITIAL ΔP (PSI) @ FLOW RATE (GPM)
150542	3/4" #10 3G Standard Black/Blue Mounting Bracket Cap w/PR	12.75" x 5.38" (324 mm x 137 mm)	1 psi @ 10 gpm (0.07 bar @ 38 Lpm)
150546	3/4" #10 3G Standard Black/Blue Mounting Bracket Cap w/o PR	12.75" x 5.38" (324 mm x 137 mm)	1 psi @ 10 gpm (0.07 bar @ 38 Lpm)
150558	3/4" #10 3G Standard Blue/Clear Mounting Bracket Cap w/PR	12.75" x 5.38" (324 mm x 137 mm)	1 psi @ 10 gpm (0.07 bar @ 38 Lpm)
150587	3/4" #10 3G Standard Black/Clear Mounting Bracket Cap w/PR	12.75" x 5.38" (324 mm x 137 mm)	1 psi @ 10 gpm (0.07 bar @ 38 Lpm)
150550	3/4" #10 3G Standard Black/Blue Integral Bracket Cap w/PR	13.25" x 5.75" (337 mm x 146 mm)	1 psi @ 10 gpm (0.07 bar @ 38 Lpm)
150566	3/4" #10 3G Standard Blue/Clear Integral Bracket Cap w/PR	13.25" x 5.75" (337 mm x 146 mm)	1 psi @ 10 gpm (0.07 bar @ 38 Lpm)
150574	3/4" #10 3G Standard Black/Blue Integral Bracket Meter Mount Cap w/PR	13.25" x 5.75" (337 mm x 146 mm)	1 psi @ 10 gpm (0.07 bar @ 38 Lpm)
150544	3/4" #20 3G Standard Black/Blue Mounting Bracket Cap w/PR	23" x 5.38" (584 mm x 137 mm)	1 psi @ 10 gpm (0.07 bar @ 38 Lpm)
150560	3/4" #20 3G Standard Blue/Clear Mounting Bracket Cap w/PR	23" x 5.38" (584 mm x 137 mm)	1 psi @ 10 gpm (0.07 bar @ 38 Lpm)
150564	3/4" #20 3G Standard Blue/Clear Mounting Bracket Cap w/o PR	23" x 5.38" (584 mm x 137 mm)	1 psi @ 10 gpm (0.07 bar @ 38 Lpm)
150552	3/4" #20 3G Standard Black/Blue Integral Bracket w/PR	23.50" x 5.75" (597 mm x 146 mm)	1 psi @ 10 gpm (0.07 bar @ 38 Lpm)
150568	3/4" #20 3G Standard Blue/Clear Integral Bracket w/PR	23.50" x 5.75" (597 mm x 146 mm)	1 psi @ 10 gpm (0.07 bar @ 38 Lpm)

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

ACCESSORIES

PART #	DESCRIPTION
143549	3 Color Gauge for Meter Mount Cap
143550	2 Color Gauge for Meter Mount Cap
150295	SW-2 Wrench for Standard
155003	Cartridge Coupler for Standard Cartridges
151120	Buna-N #241 O-ring for Standard
151117	Viton #241 O-ring for Standard
151118	Silicone #241 O-ring for Standard
150578	MC-1A Kit - Zinc Plated Bracket for Standard
244043	MC-1A - Zinc Plated Bracket ONLY for Standard
244686	Two-Housing Standard System Bracket
244687	Three-Housing Standard Bracket



143549*

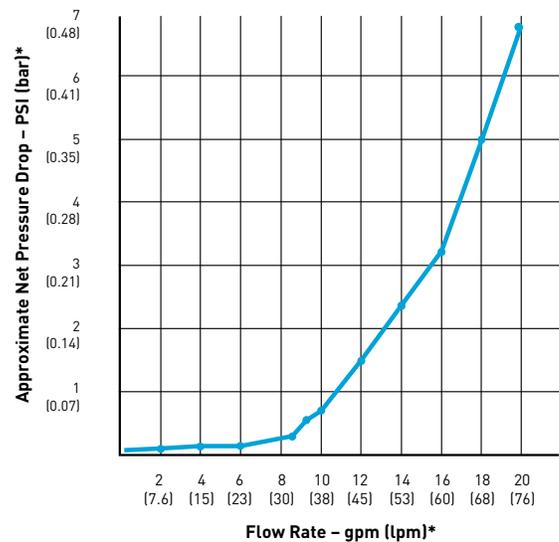


143550*

*Gauges sold separately.

PRESSURE DROP VS FLOW RATE

Based on 3G #10



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

3G SLIM LINE SERIES

CARTRIDGE HOUSINGS



3G Slim Line⁸ Housings are the perfect choice for low-flow filtration applications. Their slim design and high chemical compatibility make them ideal for those challenging applications.

Caps are manufactured from reinforced polypropylene in black, blue, and white. Three different style caps add to the flexibility of these housings. The mounting bracket cap allows the housing to be mounted to a single or multiple housing bracket.

The bracket is built into the integral bracket cap. The meter mount cap's gauges indicate when the cartridge is dirty and allow you to get the most out of your cartridges.

Housings are available with either clear or opaque sumps with the clear housings being manufactured of Styrene-Acrylonitrile (SAN) and the opaque housings are polypropylene. Clear housings offer on-site examination of the flow, cartridge life and performance. Opaque housings are molded from reinforced polypropylene and offer outstanding chemical compatibility.

FEATURES/BENEFITS

10" housings available with clear or opaque sump	Housing accepts DOE (double open end) cartridges
Buttress threads for additional strength and easier cartridge changes	Leak-proof seal
John Guest and NPT threaded connections offered in 1/4", 3/8", and 1/2"	Pressure relief button helps reduce pressure in housing when changing cartridges
Cap styles include mounting bracket, integral bracket, meter mount and optional pressure relief bleed valve	

SPECIFICATIONS

Housing – Polypropylene (opaque) or Styrene Acrylonitrile (clear)	O-Ring – #237 Buna-N
Cap – Reinforced polypropylene	Temperature Rating- 40-125°F (4.4-51.7°C)
Button Assembly – 300-Series stainless steel, EPDM, and polypropylene	Maximum Pressure- 125 psi (8.6 bar)

INDUSTRIAL

SPECIFICATIONS AND PERFORMANCE

PART #	DESCRIPTION (#10 3G SLIM LINE)	MAXIMUM DIMENSIONS	INITIAL ΔP (PSI) @ FLOW RATE (GPM)
158598	1/4" Black/Blue Mounting Bracket Cap w/PR	11.75" x 4.75" (298 mm x 121 mm)	2 psi @ 3 gpm (0.14 bar @ 11 Lpm)
158599	1/4" Blue/Clear Mounting Bracket Cap w/o PR	11.75" x 4.75" (298 mm x 121 mm)	2 psi @ 3 gpm (0.14 bar @ 11 Lpm)
158601	1/4" White/White Mounting Bracket Cap w/o PR	11.75" x 4.75" (298 mm x 121 mm)	2 psi @ 3 gpm (0.14 bar @ 11 Lpm)
158603	1/4" Black/Blue Quick-Change Mounting Bracket Cap w/PR	11.75" x 4.75" (298 mm x 121 mm)	2 psi @ 3 gpm (0.14 bar @ 11 Lpm)
158604	1/4" Blue/Clear Quick-Change Mounting Bracket Cap w/o PR	11.75" x 4.75" (298 mm x 121 mm)	2 psi @ 3 gpm (0.14 bar @ 11 Lpm)
158606	1/4" White/White Quick-Change Mounting Bracket Cap w/o PR	11.75" x 4.75" (298 mm x 121 mm)	2 psi @ 3 gpm (0.14 bar @ 11 Lpm)
158637	1/4" Blue/Clear Integral Bracket Cap w/PR	13.75" x 5.38" (349 mm x 137 mm)	2 psi @ 3 gpm (0.14 bar @ 11 Lpm)
158638	1/4" White/White Integral Bracket Cap w/PR	13.75" x 5.38" (349 mm x 137 mm)	2 psi @ 3 gpm (0.14 bar @ 11 Lpm)
158639	1/4" Black/Blue Quick-Change Integral Bracket Cap w/PR	13.75" x 5.38" (349 mm x 137 mm)	2 psi @ 3 gpm (0.14 bar @ 11 Lpm)
158641	1/4" White/White Quick-Change Integral Bracket Cap w/PR	13.75" x 5.38" (349 mm x 137 mm)	2 psi @ 3 gpm (0.14 bar @ 11 Lpm)
158602	1/4" Black/Blue Quick Change Mounting Bracket Cap w/o PR	11.75" x 4.75" (298 mm x 121 mm)	2 psi @ 3 gpm (0.14 bar @ 11 Lpm)
158608	3/8" Black/Blue Mounting Bracket Cap w/o PR	11.75" x 4.75" (298 mm x 121 mm)	2 psi @ 5 gpm (0.14 bar @ 19 Lpm)
158610	3/8" Blue/Clear Mounting Bracket Cap w/o PR	11.75" x 4.75" (298 mm x 121 mm)	2 psi @ 5 gpm (0.14 bar @ 19 Lpm)
158614	3/8" Black/Blue Quick-Change Mounting Bracket Cap w/o PR	11.75" x 4.75" (298 mm x 121 mm)	2 psi @ 5 gpm (0.14 bar @ 19 Lpm)
158616	3/8" Blue/Clear Quick-Change Mounting Bracket Cap w/o PR	11.75" x 4.75" (298 mm x 121 mm)	2 psi @ 5 gpm (0.14 bar @ 19 Lpm)
158619	3/8" White/White Quick-Change Mounting Bracket Cap w/o PR	11.75" x 4.75" (298 mm x 121 mm)	2 psi @ 5 gpm (0.14 bar @ 19 Lpm)
158642	3/8" Black/Blue Integral Bracket Cap w/PR	13.75" x 5.38" (349 mm x 137 mm)	2 psi @ 5 gpm (0.14 bar @ 19 Lpm)
158643	3/8" Blue/Clear Integral Bracket w/PR	13.75" x 5.38" (349 mm x 137 mm)	2 psi @ 5 gpm (0.14 bar @ 19 Lpm)
158644	3/8" White/White Integral Bracket Cap w/PR	13.75" x 5.38" (349 mm x 137 mm)	2 psi @ 5 gpm (0.14 bar @ 19 Lpm)
158647	3/8" White/White Quick-Change Integral Bracket w/PR	13.75" x 5.38" (349 mm x 137 mm)	2 psi @ 5 gpm (0.14 bar @ 19 Lpm)
158620	1/2" Black/Blue Mounting Bracket Cap w/o PR	11.75" x 4.75" (298 mm x 121 mm)	2 psi @ 5 gpm (0.14 bar @ 19 Lpm)
158621	1/2" Black/Blue Mounting Bracket Cap w/PR	11.75" x 4.75" (298 mm x 121 mm)	2 psi @ 5 gpm (0.14 bar @ 19 Lpm)
158622	1/2" Blue/Clear Mounting Bracket Cap w/o PR	11.75" x 4.75" (298 mm x 121 mm)	2 psi @ 5 gpm (0.14 bar @ 19 Lpm)
158623	1/2" Blue/Clear Mounting Bracket Cap w/PR	11.75" x 4.75" (298 mm x 121 mm)	2 psi @ 5 gpm (0.14 bar @ 19 Lpm)
158625	1/2" Black/Blue Quick-Change Mounting Bracket Cap w/o PR	11.75" x 4.75" (298 mm x 121 mm)	2 psi @ 5 gpm (0.14 bar @ 19 Lpm)
158648	1/2" Black/Blue Integral Bracket w/PR	13.75" x 5.38" (349 mm x 137 mm)	2 psi @ 5 gpm (0.14 bar @ 19 Lpm)
158649	1/2" Blue/Clear Integral Bracket w/PR	13.75" x 5.38" (349 mm x 137 mm)	2 psi @ 5 gpm (0.14 bar @ 19 Lpm)
158794	1/2" Black/Clear Integral Bracket w/PR	13.75" x 5.38" (349 mm x 137 mm)	2 psi @ 5 gpm (0.14 bar @ 19 Lpm)

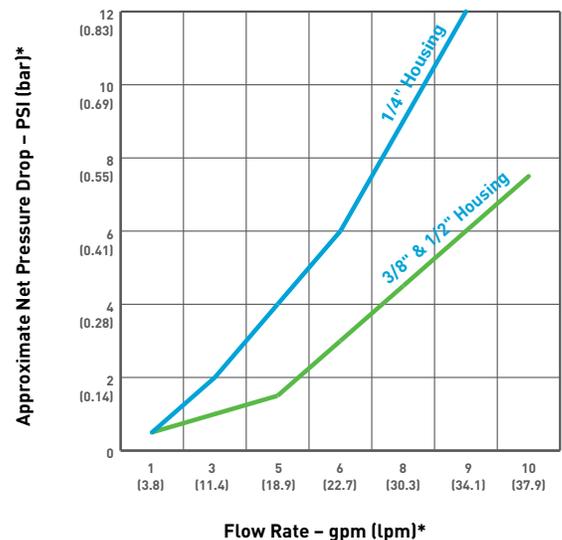
CAUTION: Protect against freezing to prevent cracking of the filter and water leakage.

ACCESSORIES

PART #	DESCRIPTION
150539	SW-1A Wrench for Slim Line
155003	Cartridge Coupler for Standard Cartridges
151121	Buna-N #237 O-ring for Slim Line
158095	Viton #237 O-ring for Slim Line
158096	Silicone #237 O-ring for Slim Line
244047	SL-ZP Kit - Zinc Plated Bracket for Slim Line
357638	SL-SS - Stainless Steel Bracket ONLY for Slim Line
357644	SL-SS Kit - Stainless Steel Bracket for Slim Line
244046-00	SL-ZP - Zinc Plated Bracket ONLY for Slim Line
244627-02	Two-Housing System Bracket

PRESSURE DROP VS FLOW RATE

Based on 3G Slim Line



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