

3G STANDARD SERIES FILTER HOUSINGS

VERSATILE DESIGN ACCEPTS MULTIPLE CARTRIDGE SIZES IN A VARIETY OF APPLICATION SETTINGS



*Shown with differential gauge.
Gauges sold separately.

Pentair 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 – EPDM
Temperature Rating – 40-125°F (4.4-51.7°C)
Maximum Pressure – 125 psi (8.6 bar)

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	EPDM #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**

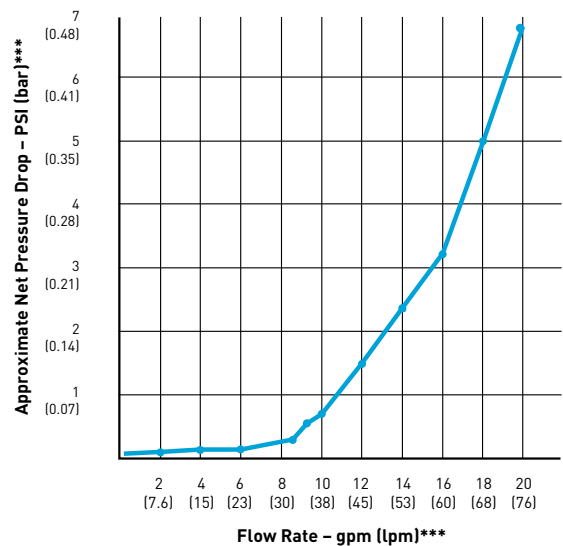


143550**

**Gauges sold separately.

PRESSURE DROP VS FLOW RATE

Based on 3G #10



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



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