![Pentair logo]

# **PENTEK** 3G SLIM LINE SERIES
# FILTER HOUSINGS

SLIM DESIGN AND CHEMICAL COMPATIBILITY ARE AN IDEAL CHOICE FOR LOW-FLOW APPLICATIONS



**Pentair‡ Pentek‡ 3G Slim Line‡ 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

Buttress threads for additional strength and easier cartridge changes

John Guest and NPT threaded connections offered in 1/4", 3/8", and 1/2"

Cap styles include mounting bracket, integral bracket, meter mount and optional pressure relief bleed valve

Housing accepts DOE (double open end) cartridges

Leak-proof seal

Pressure relief button helps reduce pressure in housing when changing cartridges

## SPECIFICATIONS

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

Cap – Reinforced polypropylene

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

O-Ring – #237 Buna-N

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

Maximum Pressure- 125 psi (8.6 bar)

## 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 |

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