

# PENTEK TRADITIONAL SLIM LINE SERIES

## FILTER HOUSINGS



### FEATURES • BENEFITS

- ◆ Slim profile design requires less space for installation without sacrificing capacity
- ◆ Opaque polypropylene offers reliable chemical resistance durability
- ◆ Clear Styrene-Acrylonitrile (SAN) enables on-site inspection of flow and filter life
- ◆ Optional pressure relief button simplifies filter changes by reducing internal pressure
- ◆ Face seal O-ring ensures a secure, leak-resistant seal
- ◆ Compatible with DOE (double open end) filters
- ◆ NPT threaded connection sizes available in 1/4", 3/8", and 1/2"

### INSTALLATION TIPS

- ◆ Before mounting, ensure there is clearance for wrench and for removal/installation of filter and sump
- ◆ Ensure O-ring is properly lubricated with food grade silicone before installing sump
- ◆ Do not over tighten sump, tighten to hand tight and give additional 1/4 to 1/2 turn
- ◆ Plastic fittings preferred over metallic, do not over tighten fittings
- ◆ Use Teflon tap on threaded connections

### OPERATION TIPS

- ◆ Ensure your water is off before replacing filter

### SIZE & COLOR OFFERINGS

- ◆ Lengths: 5", 10", and 20"
- ◆ Colors (Cap/Sump):  
Black/Black  
Black/Blue  
Blue/Clear  
White/White  
Black/Clear

### SPECIFICATIONS

- ◆ **Housings**  
Sump: Reinforced Polypropylene (opaque) or Styrene Acrylonitrile (Clear)  
Cap: Reinforced polypropylene
- ◆ **Button Assembly:** 300 series stainless steel, EPDM and polypropylene
- ◆ **O-ring:** #237 EPDM
- ◆ **Temperature Rating:** 40-125°F (4.4-51.7°C)
- ◆ **Maximum Pressure:** 125 psi (8.6 bar)

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## SPECIFICATIONS AND PERFORMANCE

PART #	DESCRIPTION	MAXIMUM DIMENSIONS	INITIAL ΔP (PSI) @ FLOW RATE (GPM)
<b>Slim Line (1/4")</b>			
158120	10# 1/4" SL Black/Black w/o PR	11.75" x 4.75" (398 mm x 121 mm)	2 psi @ 5 gpm (0.14 bar @ 19 Lpm)
158114	10# 1/4" SL Black/Blue w/o PR	11.75" x 4.75" (398 mm x 121 mm)	2 psi @ 5 gpm (0.14 bar @ 19 Lpm)
158117	10# 1/4" SL Blue/Clear w/ PR	11.75" x 4.75" (398 mm x 121 mm)	2 psi @ 5 gpm (0.14 bar @ 19 Lpm)
158125-9	10# 1/4" SL White/White w/o PR	11.75" x 4.75" (398 mm x 121 mm)	2 psi @ 5 gpm (0.14 bar @ 19 Lpm)
4005432*	SED 10# 1/4" SL Blue/Clear w/ PR	11.75" x 4.75" (398 mm x 121 mm)	2 psi @ 5 gpm (0.14 bar @ 19 Lpm)
4005435*	CTO 10# 1/4" Blue/Clear w/ PR	11.75" x 4.75" (398 mm x 121 mm)	2 psi @ 5 gpm (0.14 bar @ 19 Lpm)
<b>Slim Line (3/8")</b>			
158110	5# 3/8" Blue/Clear w/ PR	7.38" x 4.63" (187 mm x 118 mm)	2 psi @ 3 gpm (0.14 bar @ 11 Lpm)
158006	10# 3/8" SL Black/Blue w/o PR	11.75" x 4.38" (298 mm x 111 mm)	2 psi @ 5 gpm (0.14 bar @ 19 Lpm)
158008	10# 3/8" SL Blue/Clear w/o PR	12.13" x 4.63" (308 mm x 118 mm)	2 psi @ 5 gpm (0.14 bar @ 19 Lpm)
152005	10# W38-PRA 3/8" Black/Blue	11.75" x 4.38" (298 mm x 111 mm)	2 psi @ 5 gpm (0.14 bar @ 19 Lpm)
158007	10# 3/8" SL Blue/Clear w/ PR	12.13" x 4.63" (308 mm x 118 mm)	2 psi @ 5 gpm (0.14 bar @ 19 Lpm)
<b>Slim Line (1/2")</b>			
158216	5# 1/2" Blue/Clear w/ PR	7.38" x 4.38" (187 mm x 111 mm)	2 psi @ 3 gpm (0.14 bar @ 11 Lpm)
158195	10# 1/2" SL Black/Blue w/ PR	11.75" x 4.38" (298 mm x 111 mm)	2 psi @ 5 gpm (0.14 bar @ 19 Lpm)
158196	10# 1/2" SL Black/Blue w/o PR	11.75" x 4.38" (298 mm x 111 mm)	2 psi @ 5 gpm (0.14 bar @ 19 Lpm)
158214	10# 1/2" SL Black/Clear w/ PR	12.13" x 4.63" (308 mm x 118 mm)	2 psi @ 5 gpm (0.14 bar @ 19 Lpm)
158215	10# 1/2" SL Blue/Clear w/o PR	12.13" x 4.63" (308 mm x 118 mm)	2 psi @ 5 gpm (0.14 bar @ 19 Lpm)
158205	20# 1/2" SL Black/Blue w/o PR	21.88" x 4.38" (556 mm x 111 mm)	2 psi @ 5 gpm (0.14 bar @ 19 Lpm)
158204	20# 1/2" SL Black/Blue w/ PR	21.88" x 4.38" (556 mm x 111 mm)	3 psi @ 5 gpm (0.21 bar @ 19 Lpm)
4005433*	SED 10# 1/2" SL Blue/Clear w/ PR	12.13" x 4.63" (308 mm x 118 mm)	2 psi @ 5 gpm (0.14 bar @ 19 Lpm)
4005436*	CTO 10# 1/2" SL Blue/Clear w/ PR	12.13" x 4.63" (308 mm x 118 mm)	2 psi @ 5 gpm (0.14 bar @ 19 Lpm)

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

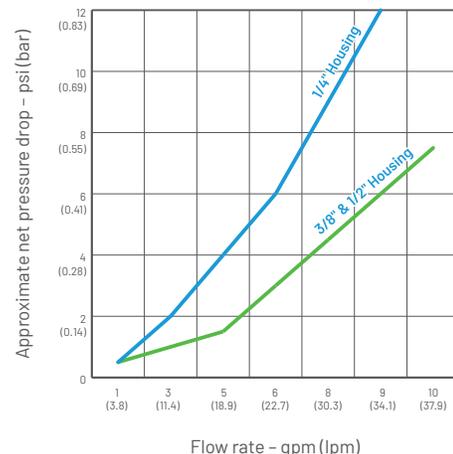
\*Kitted

## ACCESSORIES

PART #	DESCRIPTION
150539	SW-1A Wrench for Slim Line
151121	EPDM #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
244627-02	Two-Housing System Bracket

## PRESSURE DROP VS FLOW RATE

Based on Traditional Slim Line



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



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