



STRAP BAND BAG FILTER HOUSINGS

- All steel construction available in Stainless 304, 316 and Carbon Steel
- Housings use #1, #2, #3, #4 and #12 style bags
- NPT or flanged inlet/outlet connections
- Heavy duty design for numerous commercial and industrial applications
- Ideal for high flow, high temperature or high-pressure applications

The PENTEK Strap Band Bag Housings are designed for commercial and industrial applications where high flow, temperature and pressure are a requirement. They are available in 304 and 316 Stainless Steel as well as Carbon Steel which makes them well-suited for applications where chemical compatibility is a concern. The exterior is powder coated with epoxy for extra protection. Housings are engineered to handle a maximum temperature of 300° and a pressure rating of 150 psi.

A variety of bag sizes, micron ratings, and media types are available providing countless combinations for numerous applications.

Housings are supplied with a removable basket made of 304 Stainless Steel and a 9/64 perforation.

The housing lid is secured with a Quick Swing Strap Band, which requires no tools to remove. The band does not require full removal to access the bag filter, allowing quicker filter changes.

The staggered inlet/outlet design offers greater flexibility in installation and service of the housing. The connection sizes range from 1-inch NPT to 4-inch Flanged.

Steel stands are included with the housings. The stands are adjustable to change the height or position of

the housing. Pre-drilled holes in the legs and stands allow the housings to be securely bolted to the floor.



PENTEK
Pentair Water

STRAP BAND Bag Filter Housings



Housing Specifications and Performance Data

Model	Basket Size	Height	Pipe Size (NPT or Flanged)	Maximum Temperature	Maximum Pressure
PL44-#3	6" (152.4 mm)	17.9" [†] (454.7 mm)	1" (NPT), 2" (NPT) (25.4 mm, 50.8 mm)	300°F (149 °C)	150 psi (10.34 bar)
PL44-#4	12" (304.8 mm)	21.9" [†] (556.3 mm)	1" (NPT), 2" (NPT) (25.4 mm, 50.8 mm)	300°F (149 °C)	150 psi (10.34 bar)
PL88-#1	15" (381.0 mm)	24.9" [†] (632.5 mm)	2" (NPT), 3" (Flanged) (50.8 mm, 76.2 mm)	300°F (149 °C)	150 psi (10.34 bar)
PL88-#2	30" (762.0 mm)	38.5" [†] (977.9 mm)	2" (NPT), 3" (Flanged) (50.8 mm, 76.2 mm)	300°F (149 °C)	150 psi (10.34 bar)
PLM88-#12	30" (762.0 mm)	38.5" [†] (977.9 mm)	2" (NPT), 3" (Flanged) (50.8 mm, 76.2 mm)	300°F (149 °C)	150 psi (10.34 bar)

*Basket only, flow rate less with filter bag installed.

†Height does not include stand.

Materials of Construction

Housing	Carbon Steel, 304 Stainless Steel, 316 Stainless Steel
Finish	External Epoxy Powder Coating (304 & 316 Stainless Steel) Black Epoxy Powder Coating (Carbon Steel)
Sealing Gasket	Buna-N

WARNING: If pressure exceeds 150 psi (10.34 bar) at any time, a pressure regulator must be used. Do not use water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

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

NOTE: Not recommended for applications with TDS or chlorides >1000 ppm and/or pH <5.0. Use of this product in these conditions will void the limited warranty. Consult factory for product modifications for these conditions.



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