



STRAP BAND CARTRIDGE HOUSING

- All steel construction available in Stainless 304, 316 and Carbon Steel
- Multiple cartridge housings for double open ended (DOE) sediment and carbon cartridges
- Female 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 Cartridge 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 of the housing is powder coated with epoxy for extra protection. Housings are engineered to handle a maximum temperature of 300° and pressures between 125 and 150 psi.

Housings accept cartridges up to 27/8-inch in overall diameter and lengths from 10" to 40". They

accommodate both DOE sediment and carbon cartridges offering greater flexibility in filtration applications.

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 cartridge, 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 FPT to 4-inch Flanged.

Steel stands or fixed legs 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 Cartridge Housings



Housing Specifications and Performance Data

Model	Cartridge Length	Number of Cartridges	Height	Pipe Size (NPT or Flanged)	Maximum Temperature	Maximum Pressure
PC4	10, 20, 30, 40	1	25.3" – 55.5" * (25 mm–1410 mm)	1" (NPT), 1½" (NPT) (25.4mm, 38.1 mm)	300°F (149 °C)	150 psi (10.34 bar)
PC7	10, 20, 30, 40	3, 4	26.4" – 57.7" * (671 mm–1466 mm)	2" (NPT), 3" (Flanged) (50.8mm, 76.2 mm)	300°F (149 °C)	150 psi (10.34 bar)
PC9	20, 30, 40	5, 6	36.8" – 58.2" * (935 mm–1478 mm)	2" (NPT), 3" (Flanged) (50.8mm, 76.2 mm)	300°F (149 °C)	150 psi (10.34 bar)
PC11	20, 30, 40	8, 9, 10, 11	38.2" – 58.2" * (970 mm–1478 mm)	3" (Flanged) (76.2 mm)	300°F (149 °C)	150 psi (10.34 bar)
PC12	20, 30, 40	13, 14, 15	38.7" – 58.7" * (983 mm–1491 mm)	3" (Flanged) (76.2 mm)	300°F (149 °C)	150 psi (10.34 bar)
PC14	20, 30, 40	17, 18, 19, 20	48.7" – 58.7" * (1237 mm–1491 mm)	3" (Flanged) (76.2 mm)	300°F (149 °C)	150 psi (10.34 bar)
PC15	20, 30, 40	22, 23	41.2" – 51.2" * (1047 mm–1300 mm)	3" (Flanged), 4" (Flanged) (76.2 mm, 101.6 mm)	300°F (149 °C)	125 psi (8.62 bar)
PC17	20, 30, 40	25, 26, 27, 28, 29, 30, 31, 32	51.1" – 71.1" * (1298 mm–1806 mm)	4" (Flanged) (101.6 mm)	300°F (149 °C)	125 psi (8.62 bar)

NOTE: Maximum Flow rate is determined by the cartridge rate requirement.

*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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