

PENTEK PBH SERIES

BAG FILTER HOUSINGS



PBH-420

PBH-410

Pentair Standard Bag Vessel Assemblies keep your system on stream longer by reducing bag filter change time. They are made of lightweight corrosion resistant polypropylene to give you all the strength you need without the weight.

Install as a duplex system for totally uninterrupted flow rates.

All PBH Series Vessels come complete with gauge, wrench and 3/8" drain valve. The single large ACME thread closure ensures quick opening and positive sealing.

Filter bags are available in polypropylene felt, absolute-rated high efficiency polypropylene and nylon monofilament mesh—ideal for filtering and straining applications from 1-800 microns.

Molded from rugged reinforced polypropylene, Bag Vessel Filter Housings offer outstanding chemical compatibility and are ideal for use in a variety of low-flow applications. These applications include residential prefiltration, food service, along with commercial and industrial applications for water filtration and chemical filtration. They are equipped with a black reinforced polypropylene cap.

FEATURES • BENEFITS

- ◆ Lightweight, corrosion resistant polypropylene construction gives you strength without weight
- ◆ Choice of 10" and 20" housings
- ◆ Available in 1" and 1-1/2" NPT sizes
- ◆ Comes complete with gauge, wrench and 3/8" drain valve
- ◆ Light enough to be portable
- ◆ Economically priced

SPECIFICATIONS

- ◆ Housing - Polypropylene
- ◆ Cap - Polypropylene (HFPP)
- ◆ Gauge - Bismuth brass (lead-free)
- ◆ Vent plug - Polypropylene
- ◆ Drain plug - High density polypropylene
- ◆ Ball valve - PVC/Buna-N seals
- ◆ Basket - Polypropylene
- ◆ O-Ring - EPDM
- ◆ Temperature Rating- 40-100°F (4.4-37.8°C)
- ◆ Maximum Pressure - 100 psi (6.2 bar)

SPECIFICATIONS AND PERFORMANCE

PART #	MODEL #	PIPE SIZE	MAXIMUM DIMENSIONS	INITIAL ΔP (PSI) @ FLOW RATE (GPM)
150360	PBH-410-1*	1" NPT	13.13" x 4.25" (334 x 108 mm)	1 psi @ 15 gpm (0.07 bar @ 57 Lpm)
150367	PBH-420-1**	1" NPT	23.38" x 7.25" (594 x 184 mm)	1 psi @ 15 gpm (0.07 bar @ 57 Lpm)
150338	PBH-410-1.5*	1½" NPT	13.63" x 4.25" (346 x 108 mm)	1 psi @ 15 gpm (0.07 bar @ 57 Lpm)
150337	PBH-420-1.5**	1½" NPT	23.88" x 7.25" (607 x 184 mm)	1 psi @ 15 gpm (0.07 bar @ 57 Lpm)

*Accepts a standard 4" x 8.25" (102 x 210 mm) bag. Dimensions allow for 1" (25 mm) overlap on basket.

** Accepts a standard 4" x 18.25" (102 x 470 mm) bag. Dimensions allow for 1" (25 mm) overlap on basket.

NOTE: Refer to the Pentek bag filter spec sheet 4003015 for 1-200 micron quick-install bags.

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

ACCESSORIES

PART #	DESCRIPTION
150296	SW-3 Wrench for Big Blue for 10"
SH144368	SW-4 Wrench for Big Blue for 20"
151122	Big Blue O-Ring EPDM
150061	WB-ZP Kit - Zinc Plated Bracket for Big Blue
144928	WB-PC Kit - Powder Coated White Bracket for Big Blue
357639	WB-SS - Stainless Steel Bracket ONLY for Big Blue
357640	WB-SS Kit - Stainless Steel Bracket for Big Blue

PRESSURE DROP VS FLOW RATE

