



PBH Series

Bag Vessel BAG HOUSINGS

PBH Series Bag Housings keep systems on stream longer by reducing bag filter change time. These assemblies offer all the necessary strength without the weight.

APPLICATIONS

- Commercial Water
- Food Service
- Industrial Chemical
- Industrial Water
- Residential Pre-filtration

HOUSING OPTIONS

- Choice of 10- or 20-inch housings
- Available in 1- and 1.5-inch NPT sizes
- Bag vessel stand sold separately

FEATURES

- Lightweight corrosion-resistant polypropylene construction
- Single large ACME thread closure ensures quick opening and positive sealing
- Outstanding chemical compatibility makes housings ideal for use in a variety of low-flow applications
- Equipped with a black, reinforced polypropylene cap
- Includes gauge, wrench and 0.375-inch drain valve
- Portable
- Economically priced
- Provides uninterrupted flow rates installed as a duplex system
- Outstanding chemical compatibility
- Filter bags are available in polypropylene felt, absolute-rated high-efficiency polypropylene and nylon monofilament mesh—ideal for filtering and straining applications from 1 to 800 microns

SPECIFICATIONS

Housing	Polypropylene
Cap	Polypropylene
Gauge	Bismuth Brass (Lead-Free)
Vent Plug	Polypropylene
Drain Plug	High Density Polypropylene
Ball Valve	PVC/Buna-N® Seals
Basket	Polypropylene
O-Ring and Gaskets	Buna-N®
Maximum Pressure	100° F (37.8° C)

NOTE: Refer to bag filter specifications sheet for 1 to 200 micron quick-install bags.



**Pentair
Industrial**

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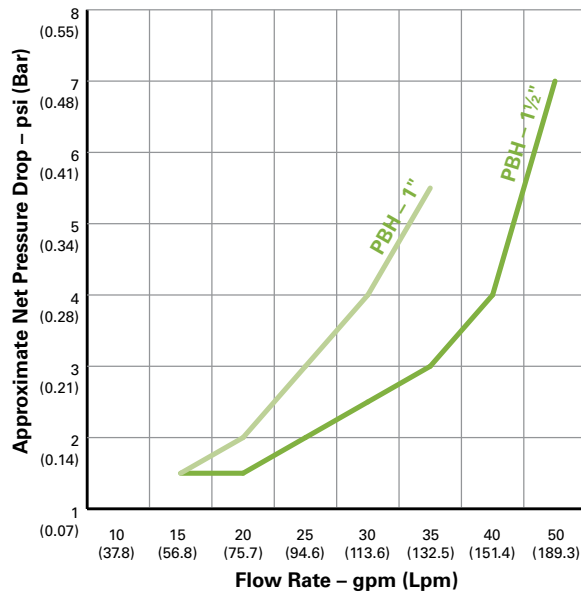
HOUSING SPECIFICATIONS AND PERFORMANCE

Model	Maximum Dimensions	Initial ΔP (PSI) @ Flow Rate (gpm)	Maximum Pressure
PBH-410-1 (1" NPT)	13.125" x 7.25" (333 mm x 184 mm)	1 PSI @ 15 gpm (0.07 bar @ 57 Lpm)	100 PSI (6.9 bar)
PBH-410-1.5 (1.5" NPT)	13.625" x 7.25" (346 mm x 184 mm)	1 PSI @ 15 gpm (0.07 bar @ 57 Lpm)	100 PSI (6.9 bar)
PBH-420-1 (1" NPT)	23.375" x 7.25" (594 mm x 184 mm)	1 PSI @ 15 gpm (0.07 bar @ 57 Lpm)	90 PSI (6.2 bar)
PBH-420-1.5 (1.5" NPT)	23.875" x 7.25" (606 mm x 184 mm)	1 PSI @ 15 gpm (0.07 bar @ 57 Lpm)	90 PSI (6.2 bar)

• PBH-410 accepts a standard 4" x 8.25" (102 mm x 210 mm) bag. Dimensions allow for 1" (25 mm) overlap on basket.
 • PBH-420 accepts a standard 4" x 18.5" (102 mm x 470 mm) bag. Dimensions allow for 1" (25 mm) overlap on basket.

TEST DATA

PBH Series Bag Vessel Bag Housings



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