



PBH-410  
(Shown with  
bag vessel  
stand)\*

PBH-420

## BAG VESSEL FILTER ASSEMBLIES

- Lightweight corrosion resistant polypropylene construction gives you strength without weight
- Choice of 10" or 20" housings
- Available in 1" and 1½" NPT sizes
- Come complete with gauge, wrench and 3/8" drain valve
- Light enough to be portable
- Economically priced

PENTEK's 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 to 800 microns.

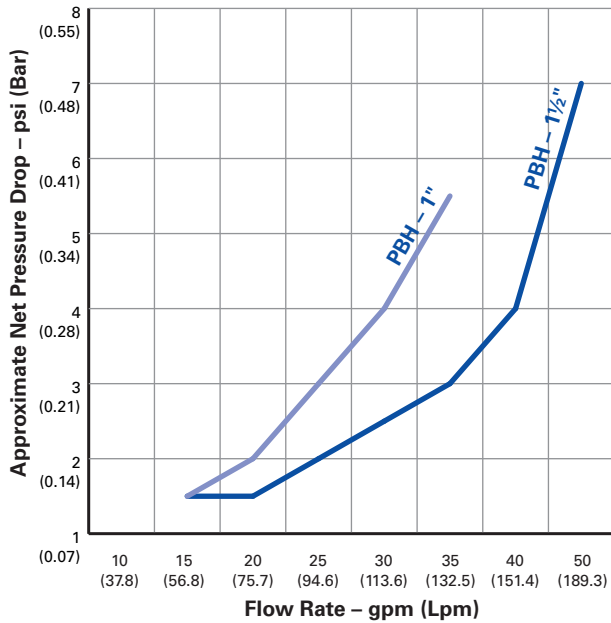
Molded from rugged reinforced polypropylene, Bag filter housings offer outstanding chemical compatibility and are ideal for use in a variety of low-flow applications. These applications include residential prefiltration, food service along with commercial and industrial applications for water filtration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

\*Bag vessel stand sold separately.



# BAG VESSEL

## Filter Assemblies



### Housing Specifications and Performance Data

Model	Maximum Dimensions	Initial ΔP (psi) @ Flow Rate (gpm)	Maximum Pressure
PBH-410-1 (1" NPT)	13 <sup>3</sup> / <sub>8</sub> " x 7 <sup>1</sup> / <sub>4</sub> " (333 mm x 184 mm)	1 psi @ 15 gpm (0.07 bar @ 57 Lpm)	100 psi (6.9 bar)
PBH-410-1.5 (1 <sup>1</sup> / <sub>2</sub> " NPT)	13 <sup>3</sup> / <sub>8</sub> " x 7 <sup>1</sup> / <sub>4</sub> " (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 <sup>3</sup> / <sub>8</sub> " x 7 <sup>1</sup> / <sub>4</sub> " (594 mm x 184 mm)	1 psi @ 15 gpm (0.07 bar @ 57 Lpm)	90 psi (6.2 bar)
PBH-420-1 (1 <sup>1</sup> / <sub>2</sub> " NPT)	23 <sup>3</sup> / <sub>8</sub> " x 7 <sup>1</sup> / <sub>4</sub> " (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<sup>1</sup>/<sub>4</sub>" (102 mm x 210 mm) bag. Dimensions allow for 1" (25 mm) overlap on basket.
- PBH-420 accepts a standard 4" x 18<sup>1</sup>/<sub>2</sub>" (102 mm x 470 mm) bag. Dimensions allow for 1" (25 mm) overlap on basket.

### Materials of Construction

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 Temperature	100°F (37.8°C)

NOTE: Many standard bags with rings may be used in these vessels. Refer to PENTEK's bag filter specifications sheet for 1 to 200 micron quick-install bags.



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