



## BAG VESSEL ASSEMBLIES

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



PBH-410  
(shown with bag  
vessel stand)

PBH-420

Pentek's standard bag vessel assemblies keep your system on stream longer by reducing bag filter change time.

The single large Acme thread closure ensures quick opening and positive sealing.

All PBH Series vessels come complete with gauge, wrench and 3/8" drain valve.

PBH Series bag vessel assemblies are made of lightweight corrosion resistant polypropylene to give you all the strength you need without the weight.

Bag vessel assemblies are economically priced, allowing you to install a duplex system for totally uninterrupted flow rates.

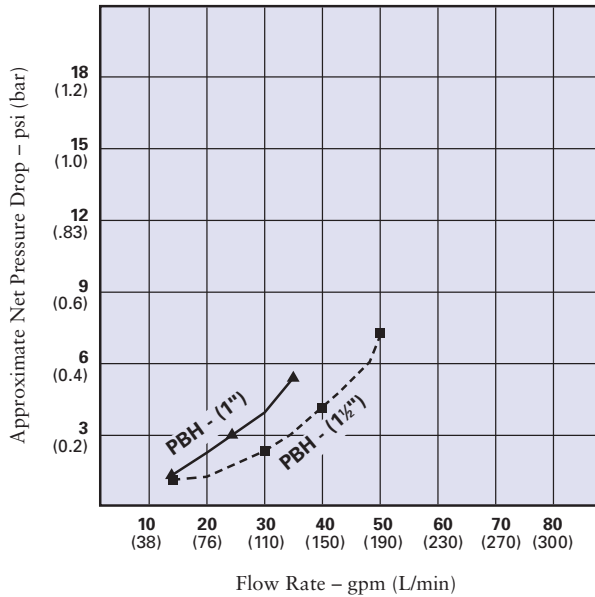
Bags are available in polypropylene felt, absolute-rated high-efficiency polypropylene and nylon monofilament mesh—ideal for filtering and straining applications from 1 to 800 microns.



**PENTEK**  
FILTRATION

Pure Quality.™

# BAG VESSEL Assemblies



## Housing Specifications and Performance Data

Model	Maximum Dimensions	Initial $\Delta P$ (psi) @ Flow Rate (gpm)	Maximum Pressure
PBH-410 (1")	13-1/8" x 7-1/4" (333 mm x 184 mm)	1 psi @ 15 gpm (0.07 bar @ 57 L/min)	100 psi (6.9 bar)
PBH-410 (1 1/2")	13-5/8" x 7-1/4" (346 mm x 184 mm)	1 psi @ 20 gpm (0.07 bar @ 76 L/min)	100 psi (6.9 bar)
PBH-420 (1")	23-3/8" x 7-1/4" (594 mm x 184 mm)	1 psi @ 15 gpm (0.07 bar @ 57 L/min)	90 psi (6.2 bar)
PBH-420 (1-1/2")	23-7/8" x 7-1/4" (606 mm x 184 mm)	1 psi @ 20 gpm (0.07 bar @ 76 L/min)	90 psi (6.2 bar)

- PBH-410 accepts a standard 4" x 8 1/4" (102 mm x 210 mm) bag. Dimensions allow for 1" (25mm) overlap on basket.
- PBH-420 accepts a standard 4" x 18 1/2" (102 mm x 470 mm) bag. Dimensions allow for 1" (25mm) overlap on basket.

## Materials of Construction

- |              |                            |                       |                  |
|--------------|----------------------------|-----------------------|------------------|
| • Housing    | Polypropylene              | • Ball Valve          | PVC/Buna-N Seals |
| • Cap        | Polypropylene              | • Basket              | Polypropylene    |
| • Gauge      | Bismuth Brass (lead free)  | • O-Ring and Gaskets  | Buna-N           |
| • Vent Plug  | Polypropylene              | • Maximum Temperature | 100°F (37.8°C)   |
| • Drain Plug | High Density Polypropylene |                       |                  |

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. Bag Vessel Stand sold separately.



502 Indiana Avenue • P.O. Box 1047 • Sheboygan, Wisconsin 53082-1047  
 Customer Service: 800-645-0267 • Fax: 888-203-7361 • supportspecialist@pentekfiltration.com  
 International: 920-457-9435 • Fax: 920-457-2417 • international@pentekfiltration.com  
[www.pentekfiltration.com](http://www.pentekfiltration.com)



Printed in U.S.A. 01/04 310055

