

INDUSTRIAL PBH SERIES 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.

FEATURES/BENEFITS

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 .375" 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 1-800 microns

APPLICATIONS

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

OPTIONS

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

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 & Gaskets	Buna-N
Max. Temperature	100°F (37.8°C)

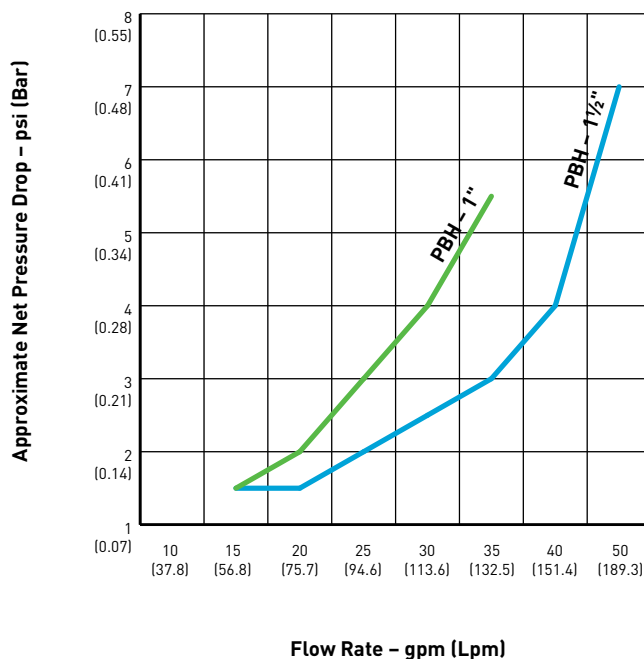
Refer to bag filter specifications sheet for 1-200 micron quick-install bags

MODEL	MAXIMUM DIMENSIONS	INITIAL ΔP (PSI) @ FLOW RATE (GPM)	MAXIMUM PRESSURE
PBH-410-1 (1" NPT)	18.38" x 7.45" (467 mm x 189 mm)	1 PSI @ 15 gpm (0.07 bar @ 57 Lpm)	100 PSI (6.9 bar)
PBH-410-1.5 (1.5" NPT)	18.38" x 7.45" (467 mm x 189 mm)	1 PSI @ 15 gpm (0.07 bar @ 57 Lpm)	100 PSI (6.9 bar)
PBH-420-1 (1" NPT)	28.75" x 7.45" (730 mm x 189 mm)	1 PSI @ 15 gpm (0.07 bar @ 57 Lpm)	90 PSI (6.2 bar)
PBH-420-1.5 (1.5" NPT)	28.75" x 7.45" (730 mm x 189 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.

PRESSURE DROP VS FLOW RATE



FILTRATION & PROCESS

LENNTECH

info@lennotech.com Tel. +31-152-610-900

www.lennotech.com Fax. +31-152-616-289

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