



CBH-V
(Optional Accessory)

A	B
75 mm	200 mm

GENERAL INFO

COMMERCIAL AND INDUSTRIAL APPLICATIONS

Big Bertha Bag Filter Housing

The Puretec Big Bertha is a high-flow bag filter housing for commercial and industrial applications. This convertible filter housing is an economical solution for most industrial filtration applications. The strong and light-weight filter vessel is resistant to a wide range of chemicals.

Model Number	Min/Max Flow	Min/Max Temperature*	Min/Max Pressure	Connection
CBH50	0 - 400 Lpm	2 - 60°C	0 - 600 kPa	2" BSPF

STANDARD INCLUSIONS

- 1x Leg stand set with corrosion resistant fasteners
- 1x High Quality PP filter basket
- 1x Adjustable filter bag lock

FEATURES & BENEFITS

- Ribbed / reinforced body for long service life.
- Accommodates size 5 replacement bags – varying micron ratings available.
- Constructed from light weight, 100% polypropylene that is strong and highly resistant to a wide range of chemicals.
- Made with UV inhibitor for long-lasting, all-weather operation and durability.
- Self-seal gaskets ensure the maximum operating pressure.

OPERATION DATA

Maximum Operating Temperature @ Pressure

- 25°C @ 600kPa
- 45°C @ 550kPa
- 60°C @ 500kPa

*Minimum Temperature: 2°C (Protect from freezing)

APPLICATIONS

- Desalination
- Waste water treatment
- Reverse Osmosis prefiltration
- Electronics chemical process
- Fine chemical process
- Before use, please refer to published reference materials for chemical

Product Code	Material of construction	Filter elements	Inlet/outlet Size (inches)	Gauge Size	Flow*
CBH50	Ultra Polypropylene	CBH-R Series Pleated polypropylene	2"	¼" NPTF	400 Lpm

Standard inclusions:

- 1x Leg stand set with corrosion resistant fasteners
- 1x High quality PP filter basket
- 1x Adjustable filter bag lock

Bag Filter Replacements

- Polypropylene media

Operation Data:

Maximum Operating Temperature @ Pressure

- 25°C @ 600kPa
- 45°C @ 550kPa
- 60°C @ 500kPa

*Minimum Temperature: 2°C (Protect from freezing)

BAG FILTER REPLACEMENTS

 Suggested design flow rate in m³/hr(gpm)^

CBH-R1	1 micron replacement bag filter	10 m ³ /hr(44gpm)
CBH-R5	5 micron replacement bag filter	12 m ³ /hr(53gpm)
CBH-R25	25 micron replacement bag filter	15 m ³ /hr(66gpm)
CBH-R50	50 micron replacement bag filter	15 m ³ /hr(66gpm)
CBH-R100	100 micron replacement bag filter	15 m ³ /hr(66gpm)
CBH-OR	Replacement Seal	15 m ³ /hr(66gpm)

^Flow Rate is dependant on filter cartridges used, and the application should be designed according to cartridge capabilities.

OPTIONAL ITEM
Description
CBH-V Pressure Gauge suits CBH50 Big Bertha. Great for monitoring bag filter life.
