



CBH50

A Ø	B	C	D	E	F
170 mm	780 mm	975 mm	235 mm	230 mm	173 mm



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 highflow bag filter housing for commercial and industrial applications. This convertible filter housing is an economical solution for most industrial filtration applications. The strong and lightweight filter vessel is resistant to a wide range of chemicals.

Model Number	Min/Max Flow	Min/Max Temp	Min/Max Pressure	Connection
CBH50	0 - 400 Lpm	4 - 60°C	0 - 700 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 (77°F) @ 6.0Kg/cm² (85 psi)
- 45°C (113°F) @ 5.5Kg/cm² (78 psi)
- 60°C (149°F) @ 5.0Kg/cm² (71 psi)

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

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Bag Filter Replacements

- Polypropylene media

BAG FILTER REPLACEMENTS		Suggested design flow rate in m ³ /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

