



Puretec CBH Series

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.

Features and Benefits

- Ribbed / reinforced body for long service life
- 2" BSPF connections
- Maximum flow of 333 Lpm
- Maximum temperature of 60°C at 71 psi
- Maximum pressure of 700 kPa
- 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

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

Standard inclusions:

- 1x Leg stand set with corrosion resistant fasteners
- 1x High Quality PP filter basket
- 1x Adjustable filter bag lock in wheel (helps to prevent bypass)
- 1x 2" flange set for flange set up applications

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)

Applications

- Desalination
- Waste water treatment
- Reverse Osmosis prefiltration
- Electronics chemical process
- Fine chemical process

Before use, please refer to published reference materials for chemical

Operation Data:

Maximum operating Temperature @ Pressure

- 25°C(77°F)@ 6.0Kg/cm²(85PSI)
- 45°C(113°F)@ 5.5Kg/cm²(78PSI)
- 60°C(149°F)@ 5.0Kg/cm²(71PSI)

Bag Filter Replacements

- Pleated polypropylene media

*Flow Rate is dependant on filter cartridges used, and the application should be designed according to cartridge capabilities. FAILURE OR IMPROPER SELECTION OR IMPROPER USE OF THE PRODUCTS AND/OR SYSTEMS DESCRIBED HEREIN OR RELATED ITEMS CAN CAUSE DEATH, PERSONAL INJURY AND PROPERTY DAMAGE.

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 Important Note: Sales of products are subject to our Terms and Conditions which are available upon request. All specifications, information and photos are a guide only and are subject to change without notice. Please ring to confirm details. Warning: For correct operation of this appliance it is essential to observe manufacturer's instructions. Caution: Do not use with microbiologically unsafe water or water of unknown quality without adequate disinfection before or after the system. Under normal circumstances a pressure limiting valve is not required. However, if incoming water pressure exceeds 690 kPa, a pressure limiting valve must be fitted prior to inlet. Copyright © Puretec Pty Ltd 2015