



HBBC SERIES

Big Flow Filter Cartridges
Data Sheet

- Cleanable and Reusable. **
- 1, 5, 20, 50 and 150 Nominal Micron Ratings.
- Surfactant and Binder Free.
- High Flow Rates.
- NSF Standard 61 Approved Material.
- Lower Initial Pressure Drop.
- Higher Loading Capacity.
- Longer Life, Longer Filter Runs.
- FDA / USP Material Safety Compliance - All materials comply with FDA requirements for food and beverage contact per CFR Title 21 174.5, 177.1520 and 177.1630. All components meet USP Class VI Plastics.



HYDROSCIENTIFIC HBBC SERIES BIG FLOW™ CARTRIDGES

are a high-quality alternative to Big Bubba® filter cartridges. Big Flow™ filter cartridges can provide flow rates of up to 150 gpm and are designed to handle a working pressure of up to 125 psi.

HYDROSCIENTIFIC HBBC SERIES BIG FLOW™ CARTRIDGES

deliver high flow capability while reducing filter change-outs. Their 100% binder free FDA CFR 21 compliant material is ideal for use in applications where a durable, cleanable, reliable and reusable cartridge is required.

HBBC SERIES - PLEATED BIG FLOW™ FILTER CARTRIDGE SPECIFICATIONS									
Part Number	Description	Material	Nominal Micron Rating (μ)	Max. Flow Rate (gpm)	Max. Flow Rate (lpm)	Max. Flow Rate (m ³ /hr)	Box Dimension (Inches)	Case Qty (pcs)	
HBBC-150-P1	HydroScientific™ Pleated Big Flow Filter Cartridge	PP	1	150	567.8	36	7" x 7" x 31"	1	
HBBC-150-P5	HydroScientific™ Pleated Big Flow Filter Cartridge	PP	5	150	567.8	36	7" x 7" x 31"	1	
HBBC-150-P20	HydroScientific™ Pleated Big Flow Filter Cartridge	PP	20	150	567.8	36	7" x 7" x 31"	1	
HBBC-150-P50	HydroScientific™ Pleated Big Flow Filter Cartridge	PP	50	150	567.8	36	7" x 7" x 31"	1	
HBBC-150-P150	HydroScientific™ Pleated Big Flow Filter Cartridge	PP	150	150	567.8	36	7" x 7" x 31"	1	

HBBC SERIES - DEPTH BIG FLOW™ FILTER CARTRIDGE SPECIFICATIONS									
Part Number	Description	Material	Nominal Micron Rating (μ)	Max. Flow Rate (gpm)	Max. Flow Rate (lpm)	Max. Flow Rate (m ³ /hr)	Box Dimension (Inches)	Case Qty (pcs)	
HBBC-150-D1	HydroScientific™ Depth Big Flow Filter Cartridge	PP	1	100	378.5	22.71	7" x 7" x 31"	1	
HBBC-150-D5	HydroScientific™ Depth Big Flow Filter Cartridge	PP	5	100	378.5	22.71	7" x 7" x 31"	1	
HBBC-150-D20	HydroScientific™ Depth Big Flow Filter Cartridge	PP	20	100	378.5	22.71	7" x 7" x 31"	1	
HBBC-150-D50	HydroScientific™ Depth Big Flow Filter Cartridge	PP	50	100	378.5	22.71	7" x 7" x 31"	1	

HydroScientific recommends operation at 70% of maximum flow rate for optimum performance. Custom sizes available upon request.
** Pleated Cartridges only.

PP = POLYPROPYLENE

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APPLICATIONS

- Whole House Filtration
- Pre-Filtration for Reverse Osmosis
- Commercial Filtration
- Industrial Filtration
- Farms
- Car Washes
- Hotels
- Food Service
- Agricultural

FEATURES

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MATERIALS OF CONSTRUCTION

Filter Media:	Pleated - Polypropylene
End Caps:	Depth - Polypropylene PP
Center Tubes:	ABS or PVC
O-Ring:	EPDM

RECOMMENDED CHANGEOUT

Differential Pressure:	30 psid (2.07 bar)
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OPERATIONAL DATA

Max. Operating Temperature:	125°F (52 °C)*
Max. Flow Rate:	Pleated - 150 gpm Depth - 100 gpm
Max. Working Pressure:	125 psi (8.75 bar)

*Temperature limits vary and depend on pressure and time under load.

**Pleated Cartridges only.

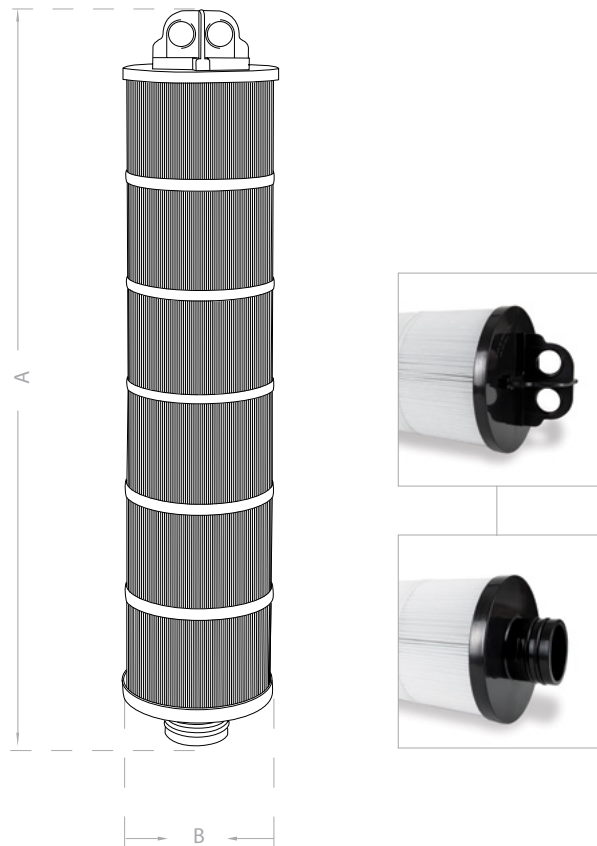
DO NOT use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

The name Big Bubba is a registered trademark of Watts Water Quality and Conditioning Products LLC. Watts Water Quality and Conditioning Products LLC is not affiliated with HydroScientific and do not endorse this product.

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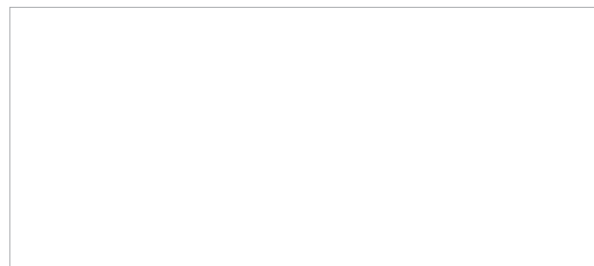
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HBBC SERIES DIMENSIONS

MODEL	A Length	B OD Diameter
HBBC	23"	6"

DISTRIBUTED BY:



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