

- Cleanable and Reusable. \*\*
- 1, 5, 20, 50 and 150 Nominal Micron Ratings.
- Surfactant and Binder Free.
- High Flow Rates.
- Lower Initial Pressure Drop.
- Higher Loading Capacity.
- Longer Life, Longer Filter Runs.
- NSF/ANSI/CAN 61 & NSF/ANSI 372 Approved Material.
- 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.



This filter cartridge is tested and certified by NSF International to NSF/ANSI/CAN 61, NSF/ANSI 372.

COMPONENT

#### 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 <sup>3</sup> /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 <sup>3</sup> /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

# HBBC SERIES

Big Flow Filter Cartridges  
Data Sheet

## APPLICATIONS

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

## FEATURES

- 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.

## 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.

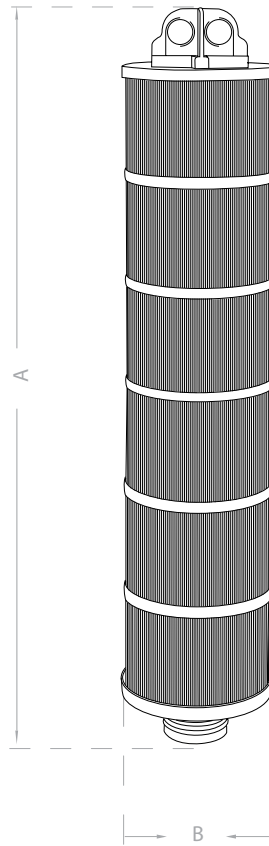
The name Big Bubba is a registered trademark of Watts Water Quality and Conditioning Products LLC. Watts Water Quality and Conditioning Products LLC is not affiliated with HydroScientific and do not endorse this product.

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For the complete list of our NSF Certified products, please visit the Hydronix Water Technology page on the official NSF website: [www.nsf.org](http://www.nsf.org)



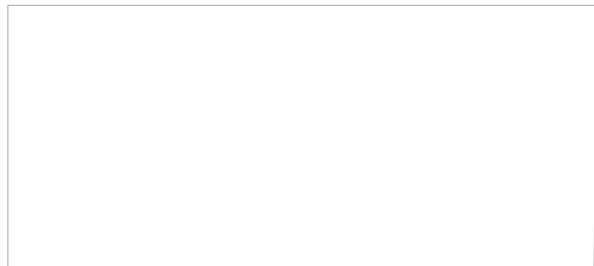
P.O. Box 2235 Chino Hills, CA 91709 | USA  
sales@hydronixwater.com



## HBBC SERIES DIMENSIONS

MODEL	A Length	B OD Diameter
HBBC	23"	6"

## DISTRIBUTED BY:



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