

BBH150 Big Bubba® Non-Metallic Filter Housings for High Flow

With optional activated carbon cartridge to remove Chlorine, bad tastes, foul odors and sediment.

Rugged Construction

Filter housings are made of rugged, glass-reinforced polypropylene so they will not chip, rust or dent. And because all wetted surfaces are non-metallic, they are ideal when chemical compatibility is an issue and for sea water applications.

Low Cost

Filters are an economical replacement for stainless steel filtration equipment because of their non-metallic construction and today's high cost of stainless steel!

Applications

Big Bubba® Cartridge Filters are ideal for a wide range of applications, including:

- Whole house filtration
- Commercial filtration
- Industrial filtration
- Pre-filtration for reverse osmosis equipment
- Community water systems
- Sea water applications due to their non-corrosive construction
- Replacement for bag filters more filter area
- Replacement for multiple cartridge filters for greater convenience
- Water for livestock and poultry

Proprietary Cartridges

The replacement cartridge for the Watts whole house filter is totally proprietary, so you may enjoy the replacement cartridge business over the life of the equipment

Conserves Water!

Watts whole house filters with our proprietary pleated activated carbon cartridge conserves water because backwashing is not required, making them 100% efficient.

Big Bubba Non-Metallic Plastic Filter Housing & Parts

MODEL NO.	DESCRIPTION
BBH-150	JUMBO HOUSING 2 IN
BBH-150-NP	JUMBO HOUSING 2 IN WITHOUT PRESSURE GAUGE PORT
BB-ADAPTER	BBH ADAPTER 2 IN PVC
BB-COUPLER	BBH COUPLER BLACK
BB-COUPLER-OR	BBH O-RING FOR COUPLER
BB-DPOR	BBH DRAIN PLUG ORING
BB-DRAINPLUG	BBH DRAINPLUG BLACK
BB-ENDCAP	BBH COUPLER COVER
BB-EYEBOLT	BBH EYEBOLT 304 STAINLESS STEEL
BB-LID	BBH LID WITH PRESSURE GAUGE PORT
BB-LID-NP	BBH LID WITHOUT PRESSURE GAUGE PORT
BB-NUT	BB-NUT
BB-ORING-E	BBH O-RING FOR LID EPDM
BB-PR-ASSY	BBH PRESS RELIEF ASSY
BB-WASHER	BBH U WASHER FOR LID

E-Z Change-Out

Cartridge replacement is easy as 1-2-3:

1. Remove swing bolts.
2. Remove lid.
3. Rotate cartridge 1/4 turn and pull-up.



Parallel installation

Parallel installations are recommended to achieve high flow rates, by installing filters on a common manifold, feeding all filters installed in a row.

Series installation

Series installations are recommended for applications such as surface water filtration, where cartridges having different micron ratings are used.



Big Bubba ® Cartridge Housing

SPECIFICATIONS	DATA
Body (all wetted surfaces)	Glass reinforced PP
Cartridge end caps	Glass reinforced PP
Swing bolts	304 stainless steel
O-rings (cartridges)	EPDM (Viton optional)
O-ring (lid)	EPDM (Viton optional)
Pipe fittings	2" slip
Overall height	40"
Width (vessel OD)	20"

(p/n: for no gauge port use part # BBH-150-NP)

Low Pressure Drop

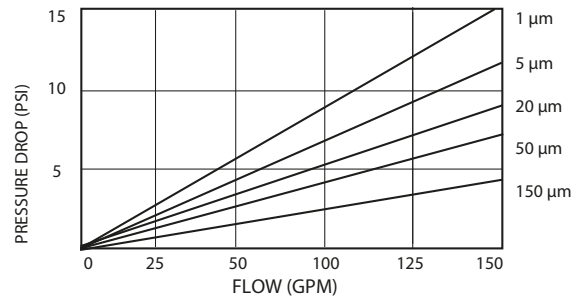
Big Bubba ® Cartridge Filters housings are designed to minimize pressure drop, by using 2" pipe fittings and large diameter center tubes. (See chart at right for pressure drop data using pleated cartridges.)

Big Bubba ® Cartridges

SPECIFICATIONS	DATA
Maximum flow rate	150 GPM* (36 M3/hr.)
Maximum flow (carbon)	15 GPM
Maximum flow (1 Absolute)	50 GPM
Maximum temperature	125°F (52°C) @ 80 psi
Maximum working pressure	125 psi (8.75 bar)
Burst test	300 psi
Cycle test	100,000

* Highly dependent on micron rating, solids content and other factors. Please see pressure drop chart below.

Housing number BBH-150 has a wetted brass gauge port for the inlet pressure gauge.



Big Bubba ® Cartridge Filter Specifications

	PLEATED	DEPTH	ACTIVATED CARBON
Media	PP	PP	ACTIVATED CARBON
End caps	PP + FG	PP + FG	PP
Center tubes	PP	PP	PP
Maximum flow rate (GPM)	150	100	15
Maximum temperature	125°F (52°C)	125°F (52°C)	125°F (52°C)
Maximum ΔP (psi)	30	40	30
Chemical resistance	Excellent	Excellent	Not a factor (for water)
Length (media)	26-1/4"	26-1/4"	26-1/4"
O-rings (dual)	EPDM	EPDM	EPDM
Shipping weight (lbs.)	5	5	7
Carton dimensions	7" x 7" x 31"	7" x 7" x 31"	7" x 7" x 31"
Micron ratings	1, 5, 20, 50, 150	1, 5, 20, 50	5

Flow rates are based on each specific application, micron rating, solids content and a number of other factors. End user should consider these factors when selecting the filter housing (or number of filter housings) needed for their particular requirement.

Pleated Cartridges

Ideal for more critical applications, offering greater efficiency, more surface area for greater throughput and reduced cost.

MODEL NO.	MEDIA TYPE	MICRON RATING	PER CASE
BBC-150-P1	PP	1	1
BBC-150-P5	PP	5	1
BBC-150-P20	PE	20	1
BBC-150-P50	PE	50	1
BBC-150-PM150	Mesh	150	1

5, 20, 50 and 150 micron cartridges are cleanable and reusable to reduce costs.

Depth Cartridges

Melt blown Polypropylene cartridges are recommended when depth filtration is necessary for gelatinous substances and when chemical resistance may be a requirement.

MODEL NO.	MEDIA TYPE	MICRON RATING	PER CASE
BBC-150-D1	PP	1	1
BBC-150-D5	PP	5	1
BBC-150-D20	PP	20	1
BBC-150-D50	PP	50	1

Activated Carbon

Ideal for whole house filtration to reduce chlorine, taste, odors and sediment.

MODEL NO.	MAX. FLOW	CAPACITY	CHLORINE REDUCTION
BBC-150-ACP	15 GPM	140,000 Gals	90%

We build filtration systems, or they may be installed on site.