

BIG-BUBBA®

FILTERS



Big-Bubba non-metallic filter housings

Big-Bubba® filters are bigger and better than other non-metallic filter housings because pricing is based on their economical plastic construction, while the pressure rating is nearly equal to stainless steel!

Features

- Made of glass-reinforced polypropylene for greater strength and chemical resistance.
- Will not dent, rust, chip or corrode.
- Filters accept single cartridge for convenience.
- Swing-bolt lid closure is easy, safe & secure.
- Pressure release for safety.
- Cartridge "lock" adapter to hold cartridge in place.
- Double o-rings on cartridges for superior sealing.
- Two outlets to allow piping from the same direction.

Applications

- Industrial applications for chemical compatibility.
- Pre-filtration for reverse osmosis.
- Community water systems for cyst reduction.
- Sea water filtration (for non corrosion).
- Whole house filtration for chlorine, taste, odor and sediment reduction.

U.S. and foreign patents pending.

Specifications

	BBH-150
Material, body (all wetted surfaces)	Glass reinforced PP
Material, cartridge end caps	Glass reinforced PP
Material, swing bolts	304SS
O-Ring	EPDM
Lid closure	Swing bolt
Pipe fittings (two inlets and one outlet)	2" slip
Overall height	40"
Width (vessel OD)	12"
Maximum flow rate	150 GPM (36M ³ /hr)
Maximum temperature (housing)	175°F (80°C) @80 psi
Maximum working pressure	125 psi (8.75 bar)
Burst test	300 psi
Cycles test (0 to 150 psi)	100,000

Note: Please refer to pressure drop chart to determine flow rate, based on micron rating, solids content and other factors.

Big-Bubba filter housings

Product Code	Max. Flow Rate*	Pipe Fitting	Shipping Weight (lbs.)	Carton Size	No. / Carton
BBH-150	150 GPM	2" SLIP	47	16" x 16" x 41"	1

* With pleated cartridges.

Big Bubba® Filter Cartridges

Pleated, depth & activated carbon cartridges with o-rings seals for superior performance.

Pleated for more surface area



Pleated cartridges are recommended for typical water filtration applications to remove sediment, hard solids and when high efficiency filtration is required. We offer a wide range of micron ratings, including one micron absolute for surface water filtration to reduce Giardia Cysts and Cryptosporidium.

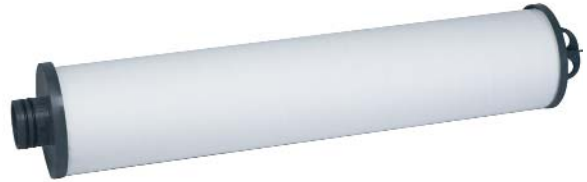
Pleated Big-Bubba® cartridges

Product code	Micron	Media Type	Seal	Number / Carton
BBC-150-P1A	1 Absolute	Polypropylene*	Double o-rings	1
BBC-150-P1	1	Polypropylene	Double o-rings	1
BBC-150-P5	5	Polypropylene	Double o-rings	1
BBC-150-P20	20	Polyester	Double o-rings	1
BBC-150-P50	50	Polyester	Double o-rings	1

* Five ply for greater removal efficiencies.

Depth cartridges

Select depth cartridges to remove sediment, gelatinous substances and when chemical compatibility is an issue. Big-Bubba depth cartridges are 100% polypropylene with EPDM o-rings.



Depth Big-Bubba® cartridges

Product code	Micron	Media Type	Seal	Number / Carton
BBC-150-D1	1	Polypropylene	Double o-rings	1
BBC-150-D5	5	Polypropylene	Double o-rings	1
BBC-150-D20	20	Polypropylene	Double o-rings	1
BBC-150-D50	50	Polypropylene	Double o-rings	1

Activated carbon cartridges



Activated carbon Big-Bubba cartridges are ideal for whole house filtration and other applications to reduce chlorine, tastes, odors and sediment from water. Activated carbon cartridges are rated at five micron, nominal.

Activated carbon Big-Bubba® cartridges

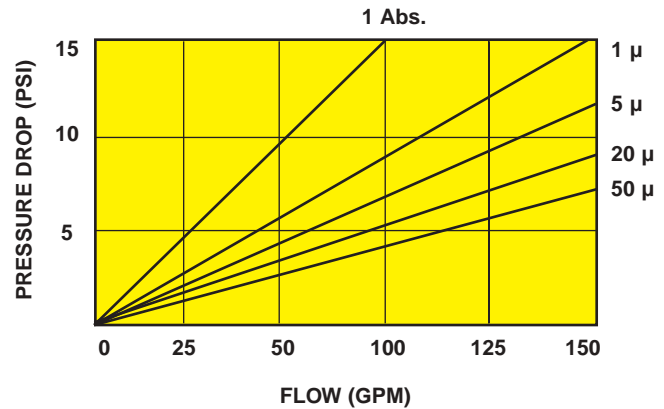
Product code	Micron	Media Type	Seal	Number / Carton
BBC-150-AC	5 Nominal	Activated carbon	Double o-rings	1

Big-Bubba® Filters & Cartridges

Technical information and spare parts.

Low pressure drop

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



Big-Bubba cartridge specifications (Model BBC-150)

	Pleated	Depth	Activated Carbon
Media	PP	PP	Pulverized activated carbon
End caps	PP + FG	PP + FG	PP
Center tubes	PP	PP	PP
Maximum flow rate (GPM)	150	100	10
Maximum temperature	175°F (80°C)	175°F (80°C)	140°F (60°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	1A, 1, 5, 20, 50	1, 5, 20, 50	5

Note: 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.

Big-Bubba filter housing spare parts

Part Number	Description
BB-LID	Lid
BB-PR	Pressure release button, washer and screw.
PG15L25	Pressure gauge
BB-EYEBOLT	Eye bolt
BB-STUD	Stud for eye bolt
BB-POST	Post for eye bolt
BB-WINGNUT	Wing nut
BB-WASHER	Washer for lid closure
BB-LW	Lock washer for lid closure
BB-ORING-E	O-ring for lid closure, EPDM
BB-ORING-V	O-ring for lid closure, Viton
BB-COUPLER	Coupler (two piece)
BB-COUPLER-OR	O-ring for coupler and plug
BB-PLUG	Plug for second outlet
DRAINPLUG	Drain plug with o-ring
BB-CA	Cartridge adapter (goes in bottom of housing)
BB-CASCREWS	Screws for cartridge adapter
BB-SC	Shipping carton with corrugated inserts