

Brother Filtration



BROTHER FILTRATION





Company File

Brother Filtration is a New Era supplier, a qualified international market participater from China. The Value, we bring to global filtration market is our practical technology, exquisite manufacturing process and genuine customer service.

Brother Filtration is a leading manufacturer of liquid filtration products. We always focus on the high flow filter design and produce, targeting to solve your different troubles and meet your variable requirements.

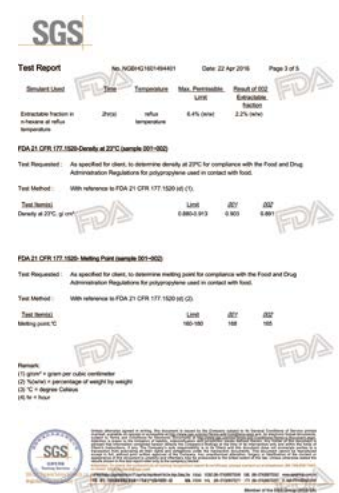
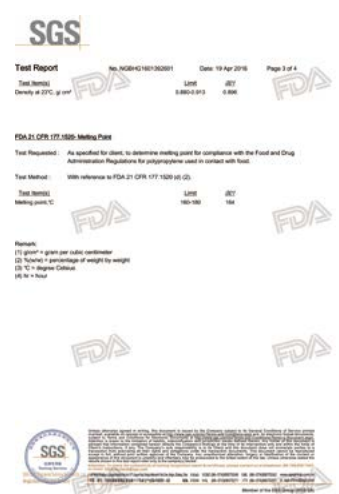
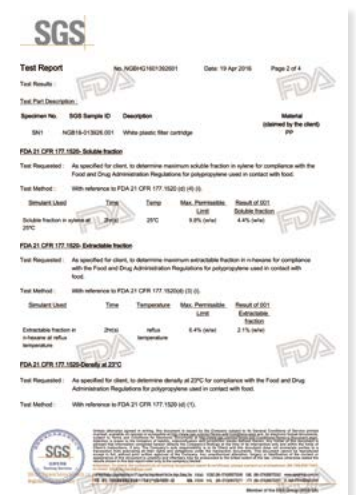
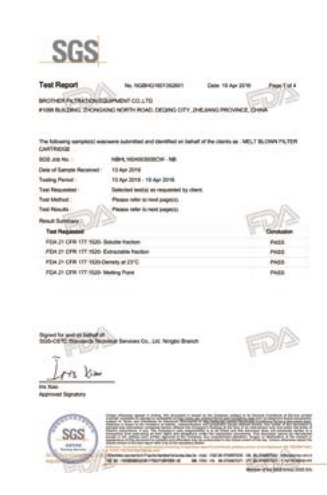
High pressure, High temperature, large flow rate and long service life are what we are balancing for your better user experience and cost efficiency. Not only products we supply to you, but also a suitable and high performance filtration solutions.

We are at service for many industries, from sea water desalination plant, power generation plant, food and beverage industry, drinking water treatment to industrial water treatment. More research, more improvement and more new technology, we are seeking for to provide you better products.

Let's work together, building a green and beautiful world.



Certification



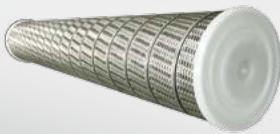
High Flow Specialist



Pentair Aqualine



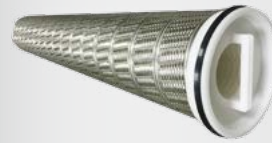
Bag Pleated



Peco Facet



Aqua/Everblue



Peco Facet



3M

Brother
Filtration
**High Flow
Specialist**



Amazon



Pall



Parker

Alternative Brand: _____



Max-A High Flow Cartridge Filter



Max-A High Flow Cartridge Filter

Applications:

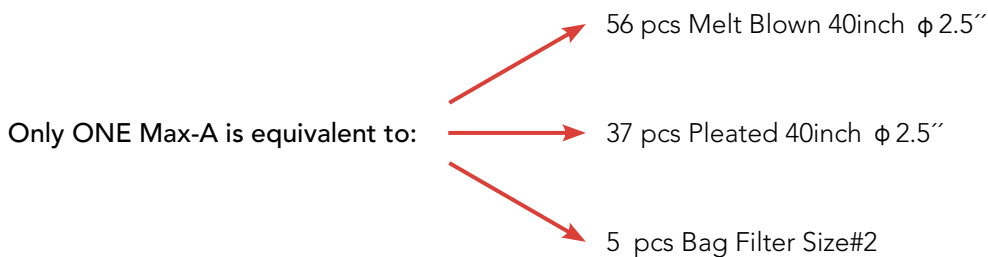
Pre RO Desalination
Oil & Gas
Power Generation Condensate System
Petrochemicals
Food & Beverage
Pharmaceutical
Automotive



Products Features:

- Multiple pleated layers construction, filtration direction in-out
- High filtration area up to 8 m²
- High flow rate up to 113m³/hr (500GPM)
- High dirt holding capacity
- Inner core for high mechanical strength, outer cage to protect the pleated media
- Nominal & Absolute options
- Costs Saving
- Wide range chemical compatibility

Benefits:



Technical Data:

Materials

Filter Media: Polypropylene / Glass Fiber

Outer cage & End caps: Polypropylene

* Stainless steel outer cage and nylon end caps all available, details by Max-Iron series.

Gasket: EPDM / Silicone / Buna-N / Viton

Size

Length: 60/40/20inch

Outside Diameter: 6inch(152mm)

Filtration Area:

8 m² @60inch, 5.3 m² @40inch

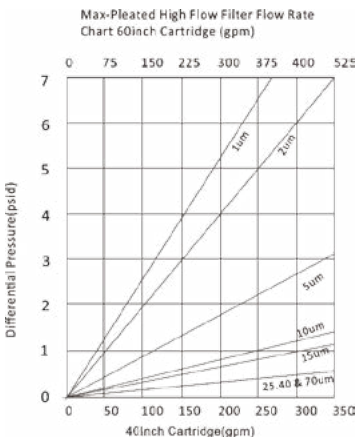
Technical Data:

Flow Rate

	Max. Flow Rate	Recommended Flow Rate
60inch	113m³/hr	50m³/hr
40inch	75m³/hr	33m³/hr
20inch	38m³/hr	17m³/hr

Operation Conditions

Max. Temperature: ~70°C
Recommended Differential Pressure for change-out: 1.8-2.1bar




Ordering Information:


BF-HFA	-60	-PP	-N1	-S
Model	Length	Pleated Material	Micron Rating	O-ring
High Flow Max-A	60=60inch 40=40inch 20=20inch	PP=polypropylene GF=Glass Fiber	N1=1um	S=Silicone E=EPDM V=Viton B=Buna N
			N3=3um	
			N5=5um	
			N10=10um	
			N20=20um	
			N50=50um	
			A1=1um AB	
			A3=3um AB	
			A5=5um AB	
			A10=10um AB	
			A20=20um AB	

Housing options:

Option 1



Option 2



*Housing details please contact with BF sales.



Max-T High Flow Cartridge Filter



Max-T High Flow Cartridge Filter

Applications:

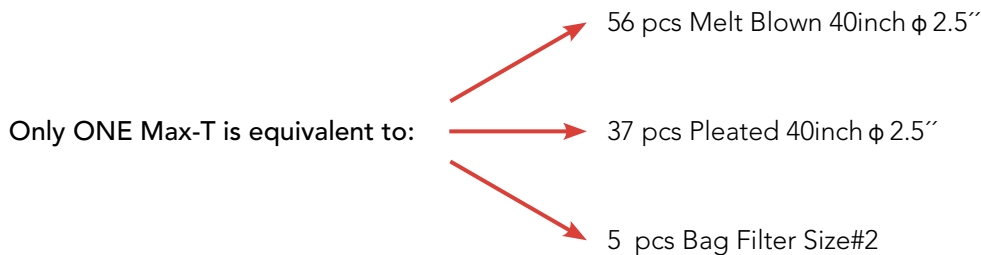
Pre RO Desalination
Oil & Gas
Power Generation Condensate System
Petrochemicals
Food & Beverage
Pharmaceutical
Automotive



Features & Advantages:

- 6.75inch outer diameter provides superior flow rate up to 113m³/hr
- Pentair Aqualine replacement
- Inner PP core for high mechanical strength
- Multiple pleated layers construction
- Wide range chemical compatibility
- Labor-saving & quick change design & smaller foot space

Benefits:



Technical Data:

Materials

Filter Media:	Polypropylene
Outer Netting:	Polypropylene
End caps:	Polypropylene
Gasket:	EPDM / Viton / Silicone / Buna-N

Size

Length:	60inch / 40inch
Outside Diameter:	6.75inch

Filtration Area:

13.8 m² @60inch, 9.2 m² @40inch



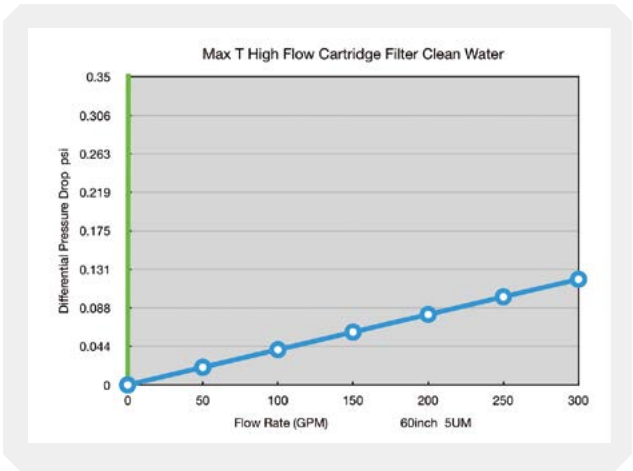
Technical Data: _____

Flow Rate

	Max. Flow Rate	Recommended Flow Rate
60inch	113m³/hr	57m³/hr
40inch	75m³/hr	40m³/hr

Operation Conditions

Max. Temperature: ~70°C
Recommended Differential Pressure for change-out: 1.8-2.1bar



Ordering Information: _____

BF-HFT	-60	-PP	-N5	-S
Model	Length	Pleated Material	Micron Rating	O-ring
High Flow Max-T	60=60inch 40=40inch	PP=polypropylene	N1=1um	S=Silicone E=EPDM V=Viton B=Buna N
			N3=3um	
			N5=5um	
			N10=10um	
			N20=20um	
			N50=50um	
			A1=1um Absolute	
			A3=3um Absolute	
			A5=5um Absolute	
			A10=10um Absolute	
			A20=20um Absolute	

Housing Option: _____



FRP Housing

Pleated Bag - High Flow Filter



Pleated Bag - High Flow Filter

Applications:

Pre RO Desalination
Petrochemicals
Food & Beverage
Pharmaceutical
Automotive



Features & Advantages:

- High dirt-holding capacity
- Pleat construction makes high efficiency
- Greater surface area compared with traditional bag filter
- Broad chemical compatibility
- Lower maintenance costs due to a longer lifetime
- Fits into all standard filter bag baskets and housings

Technical Data:

Materials

Media: Polypropylene / Glass Fiber
End Caps: Polypropylene
Inner Core: Polypropylene
Outer Cage: Polypropylene

Operation Conditions

Max. Temperature: ~70°C
Recommended Differential Pressure for change-out: 1.8-2.1bar

Size

Diameter: 6''(152mm)
Length: 285mm (equivalent traditional bag size#1)
649mm (equivalent traditional bag size#2)



Ordering Information:

BF-HFPB	-2	-PP	-5	-S
Model	Length	Pleated Material	Micron Rating	O-ring
High Flow Pleated Bag	2=Size 2 1=Size 1	PP=polypropylene GF=Glass Fiber	1=1um	S=Silicone E=EPDM V=Viton B=Buna N
			3=3um	
			5=5um	
			10=10um	
			20=20um	
			50=50um	
			100=100um	

Ultra-H Radial Pleated High Flow Cartridge Filter



Ultra-H Radial Pleated High Flow Cartridge Filter

Applications:

Municipal Water

General Industrial

Oil & Gas

Chemical & Petrochemicals

Food & Beverage

Features & Benefits:

- Special radial pleated design
- Superior filtration area up to 18 m²
- Ultra high flow rate up to 113m³/hr (500GPM)
- High dirt holding capacity for long life and lower cost
- Broad chemical compatibility for different applications
- Convenient handle for easy change-out
- Smaller footprint

Specifications:

Materials

Filter Media: Polypropylene

Inter Core/End Caps/Outer Sleeve: Polypropylene

Filtration Area: 18 m² @60inch, 12 m² @40inch

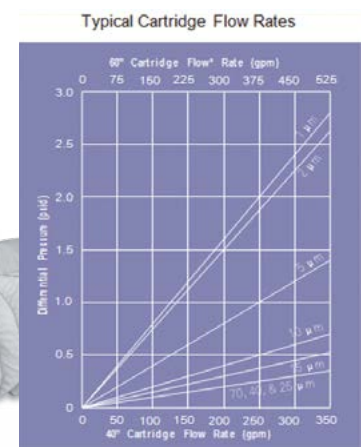
Operation Conditions:

Max. operation temperature: ~70°C

Recommended differential pressure
for change-out: 1.8-2.1bar

Max. flow rate: 113m³/hr @60inch, 80m³/hr@40inch

Recommended flow rate: 65m³/h @ 60inch, 38m³/h @ 40inch



Ordering Information:

BF-HFH	-60	-PP	-N5	-S
Model	Length	Pleated Material	Micron Rating	O-ring
High Flow Ultra-H	60=60inch 40=40inch 20=20inch 10=10inch	PP=polypropylene	N1=1um	S=Silicone E=EPDM V=Viton B=Buna N
			N3=3um	
			N5=5um	
			N10=10um	
			N20=20um	
			N50=50um	
			A1=1um Absolute	
			A3=3um Absolute	
			A5=5um Absolute	
			A10=10um Absolute	
			A20=20um Absolute	

Housing Options:

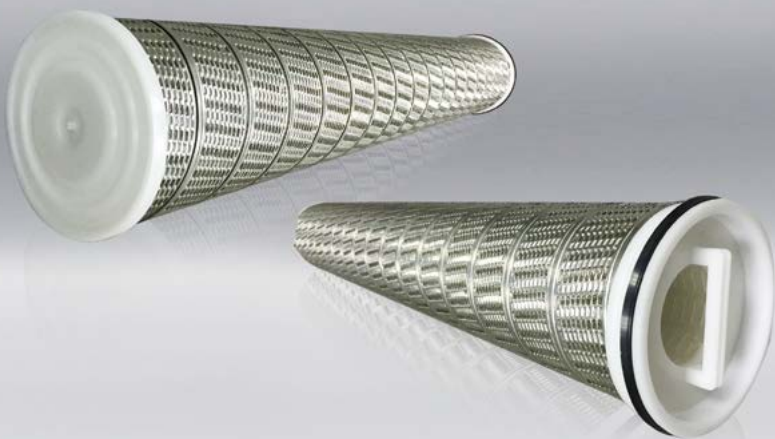
Option 1: Industrial Stainless Steel Housing



Option 2: Sanitary Stainless Steel Housing



Max-Iron High Flow Cartridge Filter



Max-Iron High Flow Cartridge Filter



Applications:

Oil & Gas

Petrochemicals

Other high temperature and high pressure applications

Products Features:

- Easy installation and quick change-out
- Multiple pleated layers construction, filtration direction in-out
- Fewer element in need, costs saving
- Outer metal cage makes high pressure application possible
- High performance depth media for high dirt holding

Specifications:

Material & Operation Conditions:

Type	Filter Media	End Caps	Outer Cage	Max. Temperature	Max. Pressure Drop	Recommended Differential Pressure for Change-out
High Pressure Application	Polypropylene	Polypropylene injected glass fiber	SS316L or SS304	80°C	4.5Bar@21°C	2.1 Bar
High Temperature Application	Glass Fiber	Nylon		130°C	4.5Bar@21°C	2.1 Bar

Size:

Length: 60/40/20inch

Outside Diameter: 6inch(152mm)

Filtration Area:

8 m² @60inch, 5.3 m² @40inch



Flow Rate

	Max. Flow Rate	Recommended Flow Rate
60inch	113m ³ /hr	50m ³ /hr
40inch	75m ³ /hr	33m ³ /hr
20inch	38m ³ /hr	17m ³ /hr

Ordering Information:

BF-HFI	-60	-PP	-NY	-N5	-316	-S
Model	Length	Pleated Material	End Caps	Micron Rating	Outer Cage	O-ring
High Flow Max-Iron	60=60inch 40=40inch 20=20inch	PP=polypropylene GF=Glass Fiber	PP=polypropylene NY=Nylon	N1=1um	316=SS316L 304=SS304	S=Silicone E=EPDM V=Viton B=Buna N
				N3=3um		
				N5=5um		
				N10=10um		
				N20=20um		
				N50=50um		
				A1=1um Absolute		
				A3=3um Absolute		
				A5=5um Absolute		
				A10=10um Absolute		
				A20=20um Absolute		

Housing options:

Option 1	Option 2
	
*Housing details please contact with BF sales.	

Max-K High Flow Cartridge Filter



Max-K High Flow Cartridge Filter

Applications:

Pre RO Desalination
Oil & Gas
Power Generation Condensate System
Petrochemicals
Food & Beverage
Pharmaceutical



Features & Benefits:

- High flow rate up to 70m³/hr
- Ultra lower differential pressure, saving O&M costs
- Built in handle makes change-out fast, easy and safe
- Inner core for high mechanical strength, outer sleeve to protect the pleated media
- Wide range chemical compatibility

Technical Data:

Materials

Filter Media: Polypropylene
Outer Netting: Polypropylene
Gasket: EPDM / Silicone / Buna-N / Viton

Size

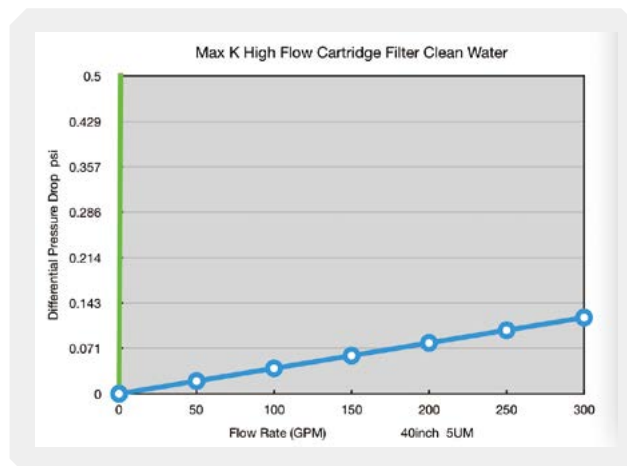
Length: 40inch
Outside Diameter: 6inch(152mm)

Filtration Area:

5.6 m²

Operation Conditions:

Max. Temperature: ~70°C
Recommended Differential Pressure for change-out: 0.8-1.2bar
Max. Flow Rate: 70m³/hr@40inch
Recommended Flow Rate: 40m³/hr@40inch



Max-Q High Flow Cartridge Filter



Max-Q High Flow Cartridge Filter

Applications:

Food & Beverage
Industrial Water
Sea Water
Others

Features & Benefits:

- Easy installation and quick change-out
- Pleated polypropylene media and Melt Blown media all available
- High flow rate compared with traditional $\phi 2.5''$ elements

Specifications:

Material & Operation Conditions

	Filter Media	End Caps	Outer Netting	Max. Temperature	Recommended Differential Pressure for Change-out
Media option 1	Pleated Polypropylene	Polypropylene	Polypropylene	~70°C	1.8-2.1bar
Media option 2	Melt Blown		None		0.8 Bar

Size

Length: 40inch & 23inch
Outside Diameter: 148mm
O-ring Diameter: 94mm

Flow Rate

Media	Length	Max. Flow Rate	Recommended Flow Rate
Pleated Polypropylene	40inch	54 m3/h	28 m3/h
	23inch	28 m3/h	16 m3/h
Melt Blown	40inch	50m3/h	28m3/h
	23inch	25m3/h	14m3/h

Ordering Information:

BF-HFQ	-40	-PP	-5	-S
Model	Length	Filtration Media	Micron Rating	O-ring
High Flow Max-Q	40=40inch 23=23inch	PP=pleated polypropylene MB=melt blown	1=1um	S=Silicone E=EPDM V=Viton B=Buna N
			3=3um	
			5=5um	
			10=10um	
			20=20um	
			50=50um	

Max-Z High Flow Cartridge Filter



Max-Z High Flow Cartridge Filter

Applications:

Pre RO Desalination
Oil & Gas
Power Generation Condensate System
Petrochemicals
Food & Beverage
Pharmaceutical
Automotive



Features & Advantages:

- Multiple pleated layers construction
- High filtration area up to 7.9 m²
- High flow rate up to 113m³/hr(500GPM)
- Nominal & Absolute options
- Easy installation and quick change-out
- Costs saving

Technical Data:

Materials

Filter Media: Polypropylene / Glass Fiber
Outer cage & End caps: Polypropylene
Gasket: EPDM / Silicone / Buna-N / Viton

Size

Length: 60inch / 40inch
Outside Diameter: 6inch(152mm)

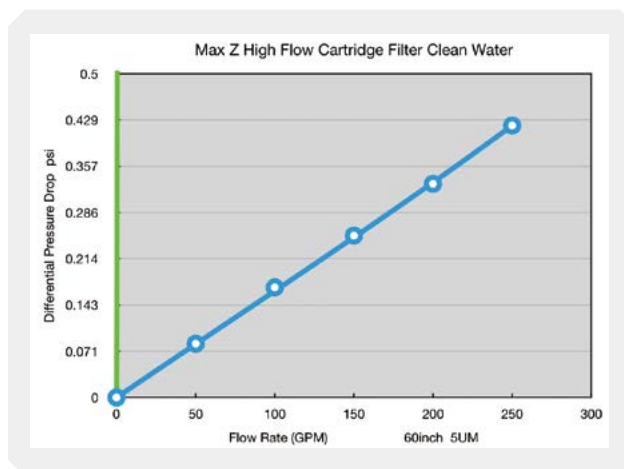
Filtration Area: 7.9 m² @60inch, 5.3 m² @40inch

Flow Rate

	Max. Flow Rate	Recommended Flow Rate
60inch	113m ³ /hr	50m ³ /hr
40inch	75m ³ /hr	33m ³ /hr
20inch	38m ³ /hr	17m ³ /hr

Operation Conditions

Max. Temperature: ~70°C
Recommended Differential Pressure for change-out: 1.8-2.1bar



Max-Flow FRP Housing



Max-Flow FRP Housing

Features & Benefits:

- Suitable for high flow cartridge filters
- Easy installation, quick change-out without dismantling pipeline
- Ultra high strength of corrosion resistance, perfect option for sea water
- Modular design, smaller footprint, compact and movable
- Beautifully matched with FRP membrane vessels
- Matched with Max-A (Pall Ultipleat equivalent) or Max-T (Pentair Aqualine equivalent)

Specifications:

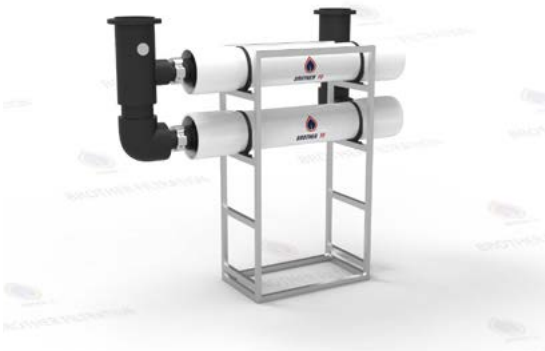
		Length:	60inch / 40inch / 20inch
		Inlet/Outlet Dimension	3inch
		Connection options	Side Port / End Port
		Connection with pipeline	by couplings
		Materials	
Design pressure		Shell	FRP
		Side Port:	Nylon
		End Caps:	ABS
Accessories:			
		1: O-ring	6: Guiding Fame
		2: Locking kit segments	7: Saddle
		3: End Cap(Handle Side)	8: Strape
		4: End Cap(Inset Side)	9: Couplings
		5: Thrust Ring	10: Short Tube
		1-8 Free accessories, 9-10 Additional options	

Ordering Information: _____

BF-FRP-	60-	S-	A
Model	Length	Connection	Cartridge matched
Max-Flow FRP Housing	60=60inch	S=Side Port E=End Port	A=Max-A T=Max-T
	40=40inch		
	20=20inch		

SKID Design: _____

Easy
Operation



Eco-
nomic



High Flow Cartridge Filter Housing



High Flow Cartridge Filter Housing



Applications:

Pre RO

Desalination

Food & Beverage

Pulp & Paper

Oil & Gas

Petrochemicals



Products Features:

- Vertical and horizontal designs offered
- Designs for 1-20 filters per housing
- Accepts 20inch, 40inch and 60inch High Flow Cartridges
- Special design for easy elements changeout



High Flow Sanitary Housing



High Flow Sanitary Housing



Applications:

Ultrapure Water
Food & Beverage
Wine & Beer
Fine Chemicals
Pharmaceuticals

Products Features:

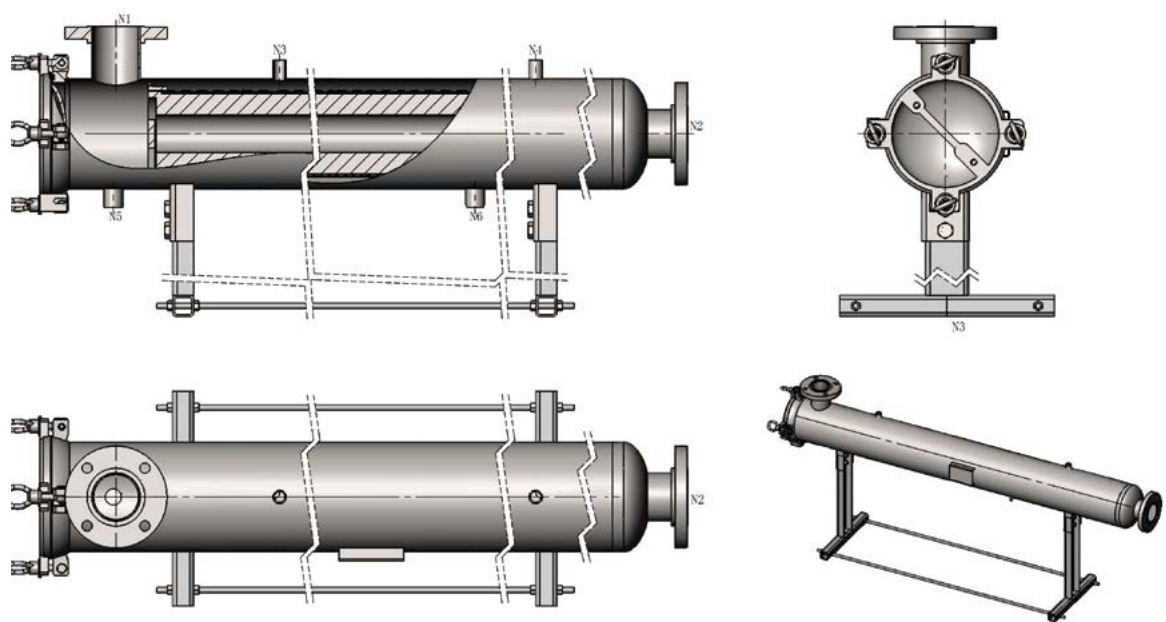
- Special design for easy elements changeout
- Vertical and horizontal designs offered
- Accepts 20inch, 40inch and 60inch
High Flow Cartridges Designed specifically for the food/beverage and pharmaceutical industry

Specifications:

Material	SS316L
Closure:	Swing Bolt
Design Pressure	10bar (150psi)
Surface Treatment	Internal & External Polished 0.4um RA



High Flow Sanitary Housing



Ordering Information:

BFSHHF-1-	H-	60-	316-	A-
Model- Number of cartridges	Orientation	Length	Material	Cartridge Type Options
1	H=Horizontal	60=60inch 40=40inch	316=SS316L 304=SS304L	A=Max-A H=Ultra-H

Pleated Depth Media Cartridge Filter



Pleated Depth Media Cartridge Filter (Polypropylene & Glass Fiber)

Applications:

Food & Beverage

Process Water

Oil & Gas

Desalination

Pharmaceutical

Chemicals



Characteristics:

- Nominal rating
- Filtration efficiency 90%
- High dirt-holding due to pleated structure
- Broad application range

Specifications:

	Pleated Polypropylene (Nominal)	Pleated Glass Fiber (Nominal)
Model		
Material	Filter Media: PP Outer cage: PP Inner core: PP End Caps: PP	Filter Media: GF Outer cage: PP Inner core: PP End Caps: PP
Length	40inch / 30inch / 20inch / 10inch / 5inch	
Diameter	Outer ϕ : 2.75inch (70mm) Inner ϕ : 1.1inch (28mm)	
Filtration Area	0.54 m ² /10inch	
Recommended Differential Pressure for change-out	2.1-2.4bar	
Max. Differential Pressure	3.4bar	
Max. Operation Temperature	~ 70°C	

Oilfield Pleated Cartridge Filter



Oilfield Pleated Cartridge Filter



Applications:

Well completion fluids
Work over fluids
Injection water
Produced water
Process water
Gravel pack fluids
diesel
Amine

Features & Benefits:

- Designed for oilfield fluids
- One piece rigid outer cage and economic outer netting are available
- Broad chemical compatibility
- High flow rate, low pressure drop, excellent contaminant loading capacity
- Standard to fits different brands
- Beta 5000 (Efficiency 99.98%)

Specifications:

Material

Filtration Media:

Glass Fiber / Polypropylene

Inner core:

Polypropylene

Outer cage or outer netting:

Polypropylene

End Caps:

ABS

Dimension

Length:

40inch / 30inch

Outer diameter:

2.5inch

Inner diameter:

1.1inch

Connection:

222/Flat

Filtration Area:

12 m² /40inch

Operation Conditions:

Max. Working Temperature:

~70°C

Recommended Flow Rate:

10m³/40inch

Recommended differential pressure for change-out:

2.1-2.4bar



Melt Blown Cartridge Filter



Melt Blown Cartridge Filter

Applications:



General water treatment
Food & Beverage
Sea water desalination
Chemicals
Others

Features:

- 100% polypropylene
- Broad chemical compatibility
- Economic options for general water treatment
- Perfect fitting with all other brands
- Nominal & Absolute are available

Specifications:

Material: Polypropylene
Optional Inner Core & End Caps: Polypropylene

Dimension

Length: 5 / 10 / 20 / 30 / 40 / 50 / 60 / 70 inch
5 / 10 / 20 (Big Blue)
Outer diameter: 2.5inch & 4.5inch (Big Blue)
Inner diameter: 29.5mm±0.5mm

Operation Conditions

Max. Temperature: ~70°C
Recommended differential pressure for change-out: 1.8-2.1bar



Ordering Information:

BF-MB	-40	-25	-NO	-N5	-DN	-N
Model	Length	Outer diameter	Inner Core	Micron Rating	End Caps	O-ring
Melt Blown Cartridge Filter	5=5inch	25=2.5inch 45=4.5inch	NO=None PP=Polypropylene	N1=1um Nominal N5=5um Nominal N10=10um Nominal N20=20um Nominal N50=50um Nominal N100=100um Nominal A1=1um Absolute A5=5um Absolute A10=10um Absolute A20=20um Absolute	DN=DOE without gasket	N=None S=Silicone E=EPDM V=Viton B=Buna N
	10=10inch					
	20=20inch					
	30=30inch	25=2.5inch			DW=DOE with gasket	
	40=40inch					
	50=50inch					
	60=60inch					
	70=70inch				2T=222Flat 2N=222Fin 6T=226Flat 6N=226Fin	

String Wound Filter



String Wound Filter

Applications:

General water treatment

Food & Beverage

Petrochemical process

Chemicals

Plating Solutions



Features:

- Material available in polypropylene, cotton and glass fiber
- Broad chemical compatibility to meet a wide range of applications
- True depth filtration, high dirt holding capacity, great efficiency
- No odor, no foaming and no media migration
- Fits most standard housings

Specifications:

Length: 5/10/20/30/40/50inch, special 60-70inch available

Diameter: outer ϕ 2.5", inner ϕ 1.1"

Micron Rating: 1-100 um (nominal)

Material Options & Operation Conditions:

		Model 1	Model 2	Model 3
Material Options:	Filter Media	Polypropylene	Cotton	Glass Fiber
	Inner Core	Polypropylene	SS304 / SS316L	SS304 / SS316L
Max. Temperature:		70°C	120~130°C	370°C
Recommended Differential Pressure for change-out		1.5~1.6bar		

Bag Filter



Bag Filter

Bag filters offer economical filtration for a wide array of applications. Highly controlled manufacturing procedures ensure consistent quality and no contamination. The unique bag designs provide added strength and avoid risk of bypass. Our filter bags fit all industry-standard bag housings.



Applications:

Automotive

General Industrial

Paints, Inks, Coatings

Water

Features:

- Higher dirt-holding capacity
- Greater efficiency
- Longer lifetime
- Economic option
- Special handle easy installation and removal

Specifications:

Material

Media: Polypropylene / Polyester
Neck: Polypropylene / Stainless steel

Dimension: Bag Size#1, #2, #3, #4, #5

Micron range: 1um-200um

Max. Temperature: ~ 80°C (polypropylene)
~120°C (polyester)

Flow rate for standard size#2: 18m³/h @5um
20m³/h @10um
30m³/h @50um

Ordering Information:

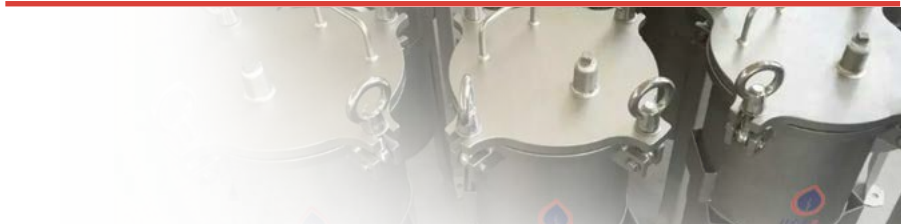


BF-BF	-2	-PP	-5	-P
Model	Bag Size	Media	Micron Rating	Handle Material
Bag Filter	1=Size#1	PP=polypropylene PE=polyester	1=1um	PP=polypropylene ST=stainless steel
	2=Size#2		5=5um	
	3=Size#3		10=10um	
	4=Size#4		20=20um	
	5=Size#5		50=50um	
			... 200=200um	



BF-BFH	-1	-2	-SB	-316	-F	-S	
Model	Quantity of Bags	Bag Size	Open Type	Material	Connection	Surface Treatment	
BF Single Bag Housing	1	1=Bag Size#1	SB=Swing Bolt C=Clamp	316=SS316L 304=SS304	F=Flange T=Thread	S=Sandblasting P=Polish	
		2=Bag Size#2			T=Thread		
		3=Bag Size#3					
		4=Bag Size#4					
BF Multi Bag Housing	2	2=Bag Size#2	SA=Swing Arm		F=Flange		
	3						
	4						
	5						
	7						
	8						
	9						
	10						
	14						
	...						
24							

* Standard design pressure 150psi (10bar), any other doubts please contact with Brother sales.

Element Options:

	
Option 1: Pleated Bag High Flow Filter	Option 2: Traditional Bags
	
<ul style="list-style-type: none">* Better efficiency* Higher Flow Rate* Longer lifetime* Lower change-out frequency	Standard Bag Filter

Cartridge Filter Housing



Specifications & Ordering Information:

BF-CFH	-7	-30	-SB	-316	-F	-S
Model	Quantity of Cartridges	Length	Open Type	Material	Connection	Surface Treatment
BF Cartridge Filter Housing	1	10=10inch 20=20inch 30=30inch 40=40inch	C=Clamp	316=SS316L 304=SS304 CS=Carbon Steel	T=Thread F=Flange	S=Sandblasting P=Polish
	3		SB=Swing Bolt C=Clamp			
	5					
	7					
	12	30=30inch 40=40inch	SA=Swing Arm SB=Swing Bolt		F=Flange	
	15					
	20					
	...		SA=Swing Arm			
	30					
	...					
	160					

* Standard design pressure 150psi (10bar)

* Drawings available

* Any other doubts please contact with Brother sales.

Sanitary Housing



Single / Multi Cartridge Sanitary Liquid Housing



Applications:

Ultrapure Water

Food & Beverage

Wine & Beer

Fine Chemicals

Pharmaceuticals

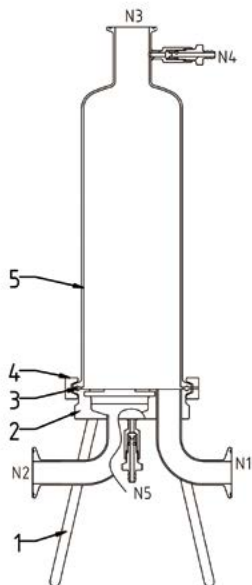
Features:

- Single/multi cartridge sanitary liquid housing
- Designed specifically for the food/beverage and pharmaceutical industry
- Clamp/swing bolt closure
- Available with 226/222/DOE style cartridge connectors
- Gauge port, vent, drains are standard
- Optional sanitary gauges

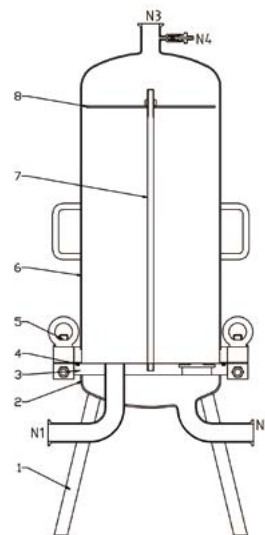
Specifications:

Materials of Construction		Maximum Operating Conditions	
Closure & Body	SS316L / SS304	Pressure	10bar(150psi)
Clamp	SS304	Temperature	~90°C
Legs	SS304		
Closure	Clamp / Swing Bolt	Surface	
		Internal	Polished 0.4um RA
Inlet/Outlet	Tri-clamp / Flange	External	Polished 0.6um RA

Sanitary Housing



single cartridge sanitary liquid housing



multi cartridge sanitary liquid housing

Ordering Information:

BFSH - 7	- 40	- C	- 2TC	- 6	- S	- 316
Model- Number of Cartridges	Length	Closure	Inlet/Outlet Style & Size	Cartridge Connectors	Gasket	Housing Material
1	5=5"	C=Clamp	1TC=1"Tri-clamp	6=226 2=222 D=DOE	S=Silicone E=EPDM V=Viton O=Others	316=SS316L 304=SS304
	10=10"					
	20=20"					
	30=30"					
	40=40"					
3	30=30" 40=40"	C=Clamp S=Swing Bolt	15TC=1.5"Tri-clamp			
5			2TC=2"Tri-clamp 3TC=3"Tri-clamp 4TC=4"Tri-clamp			
7						
11						
20						

* Other length & cartridge numbers are available.
* Inlet/Outlet Flange style is available.
* Custom gauge, vent, drains.

Vent Filter Housing



Vent Filter Housing

Vent filter housing is designed primarily for tank venting applications.

The single common inlet/outlet connection is suited for direct mounting on to most sealed storage vessels.



Features & Benefits:

- SS316L construction for maximum corrosion resistance
- Wide range of options for connection size and style
- Full housing customization service available
- Optional 222/226 cartridges

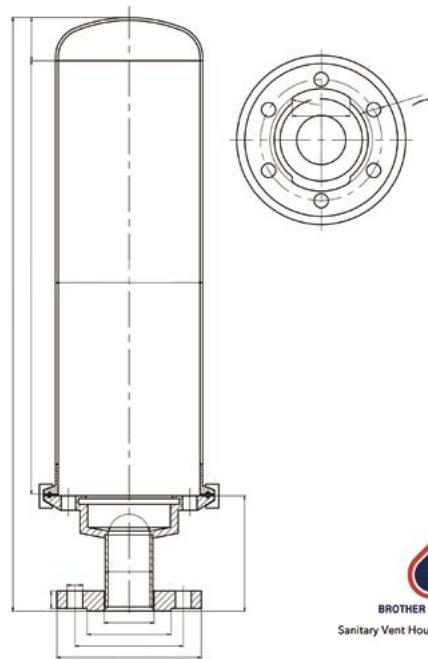
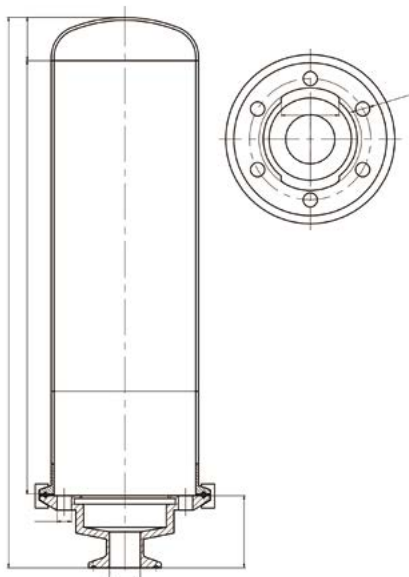
Technical Data:

Length:	10 / 20/ 5 inch
Connections style:	Tri-clamp / Flange
Connections size:	1" as standard
Material:	SS316L / SS304
Surface treatment:	Inner 0.4RA, Outer 0.6RA

Maximum Operation Conditions:

Temperature range:	-10°C ~ 150°C
Design pressure:	6bar as standard

Vent Filter Housing



UV Disinfection Systems



Features & Benefits

- Corrosion-resistant polished stainless steel SS304L construction
- Simple installation, operation and maintenance
- No tools needed for regular maintenance
- Available with standard or advanced controls



Specifications:

Model	Flow Rate (m ³ /h)	Bulb x Quantity	Inlet/Outlet	Design Pressure	Timer
BF-UV15	0.5-1	15w x 1	1/2" Thread	4bar	None
BF-UV30	1-2	30w x 1	3/4" Thread	4bar	None
BF-UV40	2-3	40w x 1	1" Thread	4bar	None
BF-UV80	4-5	80w x 1	1-1/4" Thread	4bar	None
BF-UV80-T	4-5	80w x 1	1-1/4" Thread	6bar	with Timer
BF-UV120	6-8	120w x 1	1-1/2" Thread	6bar	with Timer
BF-UV160	8-10	80w x 2	2" Flange	6bar	with Timer
BF-UV240	12-15	80w x 3	2-1/2" Flange	6bar	with Timer
BF-UV320	16-25	80w x 4	3" Flange	6bar	with Timer
BF-UV360	18-30	120w x 3	3" Flange	6bar	with Timer
BF-UV400	20-35	80w x 5	3" Flange	6bar	with Timer
BF-UV480	24-40	80w x 6	4" Flange	6bar	with Timer
BF-UV480-4	24-40	120w x 4	4" Flange	6bar	with Timer
BF-UV600	30-50	120w x 5	5" Flange	6bar	with Timer
BF-UV720	36-60	120w x 6	5" Flange	6bar	with Timer
BF-UV840	42-70	120w x 7	5" Flange	6bar	with Timer
BF-UV900	45-75	150w x 6	5" Flange	6bar	with Timer
BF-UV1050	55-90	150w x 7	5" Flange	6bar	with Timer
BF-UV1200	60-100	150w x 8	5" Flange	6bar	with Timer

BF-UV1280	65-105	320w x 4	5" Flange	6bar	with Timer
BF-UV1350	70-115	150w x 9	6" Flange	6bar	with Timer
BF-UV1500	75-125	150w x 10	6" Flange	6bar	with Timer
BF-UV1600	80-135	320w x 5	6" Flange	6bar	with Timer
BF-UV1650	85-140	150w x 11	6" Flange	6bar	with Timer
BF-UV1800	90-150	150w x 12	6" Flange	6bar	with Timer
BF-UV1920	100-160	320w x 6	6" Flange	6bar	with Timer
BF-UV2240	115-190	320w x 7	8" Flange	6bar	with Timer
BF-UV2560	130-220	320w x 8	8" Flange	6bar	with Timer
BF-UV2880	145-240	320w x 9	8" Flange	6bar	with Timer
BF-UV3200	160-270	320w x 10	8" Flange	6bar	with Timer
BF-UV3520	180-300	320w x 11	10" Flange	6bar	with Timer
BF-UV3840	200-320	320w x 12	10" Flange	6bar	with Timer

Plastic Filter Housing



Plastic Filter Housing



Applications:

Home Drinking Water
Whole-House Filtration
Point of Entry Filtration
RO Pretreatment
Commercial Applications

Products Features:

- 5" & 10" & 20" lengths available in opaque and clear bowls
- Optional pressure release button
- Accepts up to 4-1/2" diameter cartridges
- Wide chemical compatibility using Polypropylene and ABS construction
- Easy installation by threads

Operation Conditions:

Max. Temperature	~70°C
Recommended Temperature	≤45°C
Max. Working Pressure	~8bar
Recommended Working Pressure	≤6bar

Specification:

Color			Blue	White	Clear
Material	Head		Polypropylene	Polypropylene	Polypropylene
	Bowl		Polypropylene	Polypropylene	ABS
Threads Connections	Material		Plastic or Copper		
	Size	Normal	1/2", 3/4"		
		Big-Blue	3/4", 1", 1-1/2"		
Lengths			5", 10", 20"		

Ordering Information:

BFPH-	-10	-N	-B	-P	
Model	Length	Diameter	Color	Threads Options	Connection Size
BF Plastic Housing	5=5inch 10=10inch 20=20inch	N=Normal B=Big Blue	B=Blue W=White C=Clear	P=Plastic C=Copper	* Confirming against formal order.

Brother Filtration, ONE-STOP PURCHASE!!!

As professional High Flow cartridge filter manufacturer, Brother Filtration is very success by providing High Flow solutions for our clients . Our High Flow cartridge filters and housings are widely accepted for water/ liquid treatment in different applications. NOW, in order to meet clients' requirements, we start **ONE-STOP PURCHASE** service. Hope this service can help our clients saving time and costs, easier for full container operations.



Pressure gauge & Diaphragm pressure gauge



Bimetallic thermometer




FRP tank



 Flowmeter



 Distributor



 Valve



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