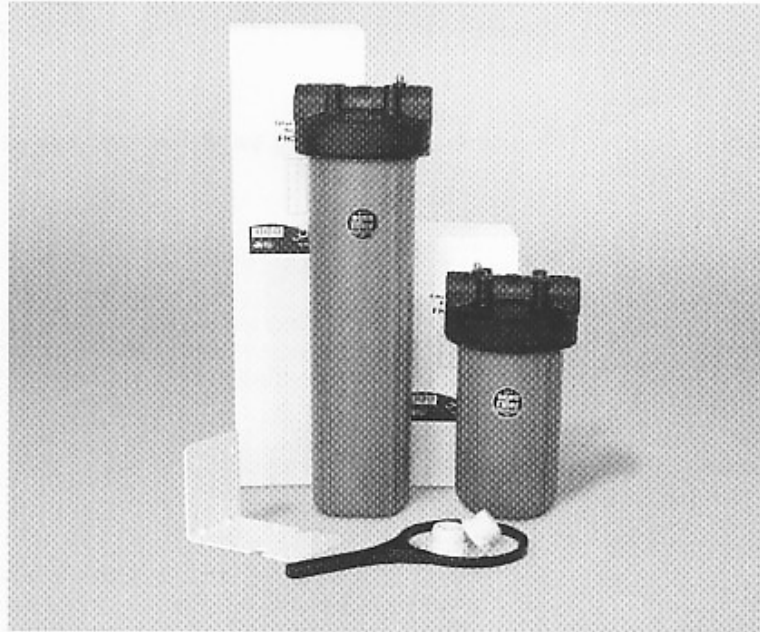




Sustainability, Environment, Solution

High flow rate filters



We all know how bad is the quality of water flowing to our homes through old, rusty water pipes.

The Big Blue filters, as they are commonly known, have improved flow capacity (up to 320 l/min) and they are widely used in residential and industrial settings.

Depending on installed cartridge they eliminate:

- **sand, rust, silt and metal particles** – sediment cartridges FCPS, FCPP, FCPE and FCCEL
- **bad taste and odor, chlorine, pesticides and other organic contaminants** – activated carbon cartridges FCCB, FCCBL, FCCBLX, FCCBHD
- **heavy metals, bacteria growth** – activated carbon with KDF, FCCBKDF
- **hardness** – ion exchange resin water softening cartridges FCCST
- **iron** – ion exchange resin FCCFE iron removing

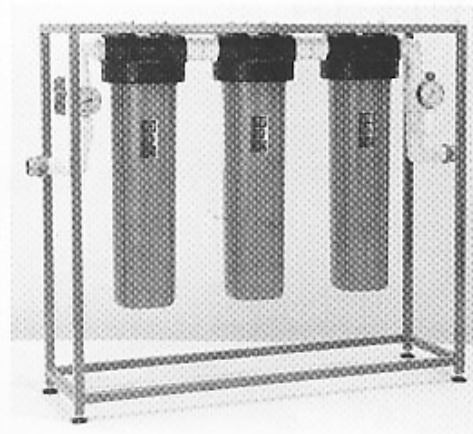
Advantages of Big Blue water filters:

- 10 year warranty on housings
- simple design guarantees years of maintenance free work
- the housing is made of highest quality polypropylene reinforced with fiberglass for extra strength and durability
- small pressure drop on exit
- easy and quick process of cartridge exchange
- built in pressure release switch
- easy customization into parallel or serial sets of filters.

Technical parameters for BB filters

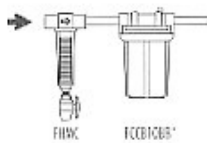
Model	Diameter in/out inches	Dimensions mm	Maximum flow rate* l/min.	Working Temperature °C
FH10BB1	1"	346 x 184	230	2 – 52
FH10BB54	1½"	346 x 185	240	2 – 52
FH10BB64	1½"	346 x 186	250	2 – 52
FH20BB1	1"	606 x 184	270	2 – 52
FH20BB54	1½"	606 x 185	300	2 – 52
FH20BB64	1½"	606 x 186	320	2 – 52

* Depends on the cartridge type

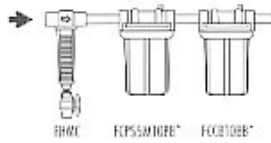


Triple set of Big Blue filters

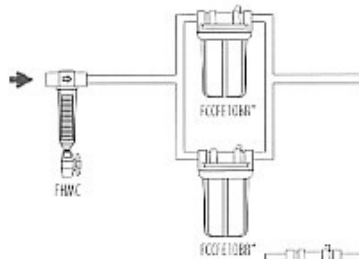




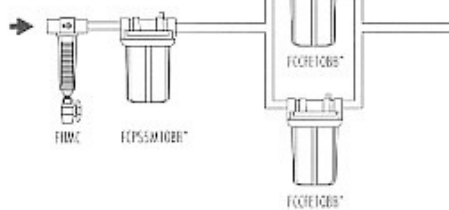
For use with water from old water installations, containing deposits of rust and silt, specifically during renovations and rebuilding, as well as water hammering. For chlorinated water from individual residential wells. The initial sediment filter (FHMC) prevents contamination of the Activated Carbon cartridge, which is used to eliminate dangerous organic contaminants.



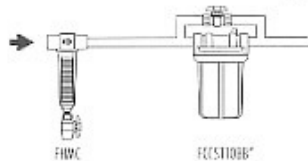
Same as in previous drawing. Additional sediment filter removes silt and deposits.



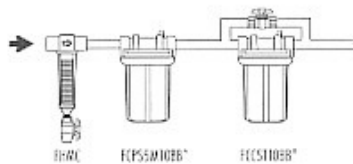
For water contaminated with large amounts of rust, containing dissolved and free iron. Initial mechanical filter (FHMC) is used to remove larger sediment particles to protect the two iron removing filters. The set of two parallel Ion Exchange filters improves the capacity and life of cartridges.



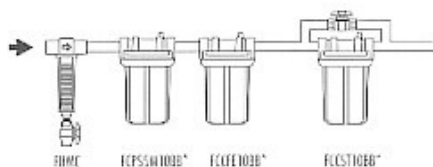
For water polluted with big amounts of rust, containing dissolved and free iron. Initial mechanical filter is used to remove larger sediment particles, to prevent the contamination of second mechanical filter as well as two iron removing filters. The set of two parallel Ion Exchange filters improves the capacity and life of cartridges.



For hard water. First in line sediment filter protects water softening filter. Use of the by-pass configuration with special ball valve allows to mix softened water with the "raw" water in order to get the proper water hardness index.



Same as previously, but for water containing large amounts of mechanical contaminants like sand, rust, silt.



Most advanced and complex set of filters for eliminating mechanical contaminants, like rust and sand, iron removing and water softening.

* or 20"

		Solution - Cartridge							
Problem - Reason		FCCBL	FCCST	FCCFE	FCCBKDF	FCCB	FCPS	FCPP	FCCBL
	Bad taste and odor					✓			✓
	Chlorine					✓			✓
	Cloudy water	✓				✓	✓		✓
	Rust, sand, silt					✓	✓		✓
	Hard water								✓
	Calcium & magnesium								✓
	Rusty spots on bodies					✓			✓
	Dissolved & free iron					✓			✓
	Heavy metals, pesticides, herbicides					✓			✓
	Bacteria, algae, cyst					✓			✓