CBF1

Backwashable Sediment Filter

- **Do you have excessive sediment and dirt in water ?**
- **Are your cartridge filters plugging up too soon due to excessive dirt?**



Excessive dirt, silt, particulate matter, etc can be a major problem in domestic use. Turbid water is not only unpleasant to look at; it can be unsafe to drink. Drinking water regulations require the water to have turbidity less than 1 NTU, above which it is considered unsafe for drinking. Further, particulates causing turbidity can result in malfunction of pumps, pressure tanks, plumbing fixtures, etc. Further, washing machines and dishwashers cannot operate with dirty turbid water.

While cartridge filters are used to filter low to medium amounts of dirt, excessively high loads of dirt can plug them up in a short period of time, leading to increased costs of replacement and downtime.

Where excessive dirt conditions exist, **Rainfresh CBF1 automatic back-washable filters provide excellent turbidity reduction without the need to change filters**. These filters consist of a processed and graded rare natural mineral that has unique filtration properties. Typically, water gets filtered down to 5 micron nominal.

After a pre-set amount of time, the system automatically undergoes a backwash cycle wherein all the trapped dirt/sediment goes to drain and the system is ready for use again. **The CBF1 filter is virtually maintenance free as there are no filters to change !**



- **Reduces dirt & turbidity for whole house !**
- **No salt or chemicals required**
- **No filters to change**

CSA B483.1

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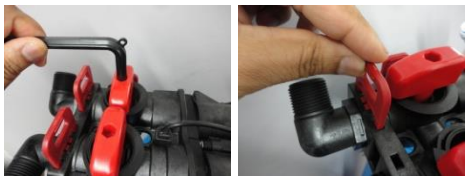
***Unique Electronic Controls* – For High Efficiency and Ease of Use**

- Bi-lingual control module (English & French)
- Fully programmable (cycle time, regeneration frequency etc.)



***Ease of installation* - Quick Connect Fittings**

- ¾" NPT elbow fittings, can be rotated to suit any installation angle
- Quick connect style reduces installation time and effort
- Reduces cost of extra plumbing fittings
- Unique built-in bypass valve included with turn tool for ease of use

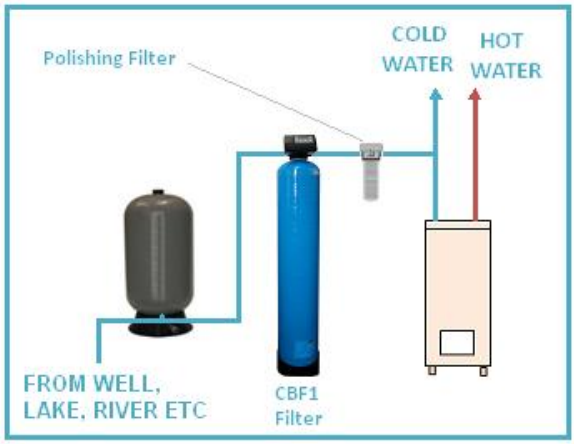


Typical Installation

The CBF1 unit is designed for installation after the pressure tank before the water pipe divides into hot and cold and before any other water conditioners such as iron filter or water softener, to prevent dirt from plugging them up.

A 5 micron or 1 micron cartridge filter may be installed after the CBF1 filter for final polishing.

CBF1 is equipped with by-pass valve, drain line connector, 15 ft of drain tubing and automatic electronic control valve. Call Rainfresh for custom sizes and options.



Specifications

MODEL	Media Volume Cu Ft	Max Flow Rate GPM (LPM)	Backwash Flow Rate GPM (LPM)	Total Installed Dimensions (H x W X D)
CBF1	1.0	7 (26)	8 (30)	54" x 10" x 13.5"

*** -** 1 US Gallon = 0.8327 Imperial gallon

Warranty

1 year system warranty. 5 year warranty on electronic valve & 10 years on mineral tank

About Rainfresh/Envirogard

For over 50 years, Envirogard has been leading the water treatment industry in Canada by providing high quality products and solutions at affordable prices. "Rainfresh" products are used by homeowners across Canada and in over 40 countries worldwide.

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