

# Aqua-Pure

Spec # \_\_\_\_\_

Quantity \_\_\_\_\_

## Models:

**CBF100/CBF150/CBF200**

**CBF Series Residential Backwash  
Filtration Systems**

## Applications:

- Water Treatment

## At a Glance:

CBF Series Residential Backwash Filtration Systems feature a fully automatic and highly dependable control valve, which helps minimize energy and water waste. These systems are designed to accommodate a variety of media to help address your specific water improvement needs.



CBF Series

## Product Benefits:

- Premium water-efficient control valve manufactured from composite materials and designed to provide high flow rates over a wide range of applications. Provides long-lasting operation and is fully adjustable, allowing maximum flexibility for specific water conditions and usage patterns.
- Reliable design provides fully automatic operation and simple programming for ease of use.
- Washed quartz underbed provides extra filtration and enables proper cleaning of filter media.
- Unique bypass valve allows the use of untreated water for utility purposes such as watering lawns and gardens.

## Product Specifications:

Model No.	Media (Cu. Ft.)	Min. Space Required W x D x H	Flow Rate	
			Service	Backwash
CBF100	1.0	10" x 16" x 53" (25.4 cm x 40.6 cm x 134.6 cm)	5 gpm (19 lpm)	5.3 gpm (20.0 lpm)
CBF150	1.5	10" x 16" x 63" (25.4 cm x 40.6 cm x 160.0 cm)	7 gpm (26.5 lpm)	5.3 gpm (20.0 lpm)
CBF200	2.0	12" x 16" x 63" (30 cm x 40.6 cm x 160.0 cm)	9 gpm (34 lpm)	7.5 gpm (28.4 lpm)



Spec #

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Model Number

Part Number

## Media Selection:

Media	Application
Activated Carbon	Chlorine Taste & Odor, Organics, Dechlorination
Activated Carbon for Chloramine	Chloramine Taste & Odor, Organics, Dechlorination
Neutralizer Blend	pH adjustment when pH is approx. 6.0 - 6.5
Filter Sand	Precipitated Iron, Turbidity
Filter-Ag®	Turbidity Reduction (20 micron)
Birm®4	Iron (Water must be rich in dissolved oxygen)
Calcium Carbonate (Calcite)	pH adjustment
Magnesium Oxide	Increase pH
Multilayer	Turbidity, Sediment & Chlorine Taste and Odor Reduction
Greensand®	Precipitated iron, Manganese & low Hydrogen Sulfide

1. CBF series filters could be used to neutralize acid water. However, UN Series filters are better suited for this purpose.
2. When using Filter-Ag or Filter Sand for the reduction of turbidity, the suspended solids causing the turbidity must have a density less than the material being used as a filtering agent.
3. May require use of a solution tank and a change to the controller. Contact Technical Service for more information.
4. BIRM: Not for sale in CA

## IMPORTANT

⚠ **WARNING:** To reduce the risk associated with the ingestion of contaminants:

- Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

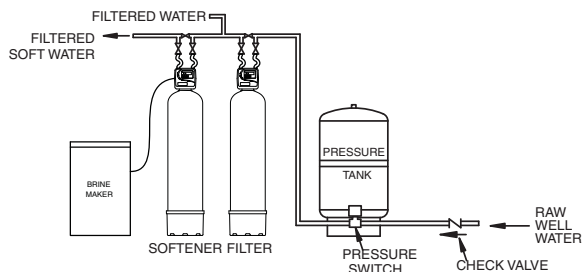
**CAUTION:** To reduce the risk associated with property damage due to water leakage:

- Read and follow Use Instructions before installation and use of this system.

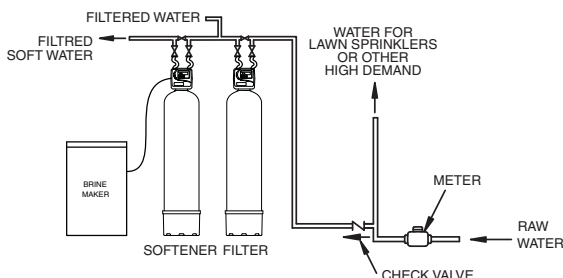
3M Purification Inc. recommends regularly scheduled maintenance and replacement of the filter media in order for the product to perform as advertised/sold. 3M Purification Inc. shall not be liable for system failures due to improper maintenance.

## Typical Installation:

### WELL INSTALLATION



### PUBLIC WATER SUPPLY INSTALLATION



**CAUTION:** These diagrams shown are for reference purposes only. Read installation and operation manual prior to installing the unit.

## Limited Warranty:

3M Purification Inc. warrants this Product to be free from defects in material and workmanship during normal use for the warranty period set forth below. The warranty period commences from the date of purchase. This warranty does not cover failures resulting from abuse, misuse, alteration or damage not caused by 3M Purification Inc. or failure to follow installation and use instructions. No warranty is given as to the service life of any filter cartridge, membrane, or media as it will vary with local water conditions and water consumption. **3M PURIFICATION INC. MAKES NO OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY IMPLIED WARRANTY OR CONDITION ARISING OUT OF A COURSE OF DEALING, CUSTOMER OR USAGE OF TRADE.** If the Product is found defective within the warranty period, your exclusive remedy and 3M Purification Inc.'s sole obligation shall be, at 3M Purification Inc.'s option, to replace or repair the Product or refund the purchase price of the Product. This warranty does not cover labor. **The remedy stated in this paragraph is Customer's sole remedy and 3M Purification Inc.'s exclusive obligation.**

**Warranty Period:** One (1) year on the entire product unit; Five (5) years on the mineral tank only (does not include internal component parts); Five (5) years on the control valve; and Five (5) years on salt storage container and components

For additional information, see the entire Limited Warranty located in the product Installation and Operating Instruction manual.

**Limitation of Liability:** 3M Purification Inc. will not be liable for any loss or damage arising from this 3M Purification Inc. product, whether direct, indirect, special, incidental, or consequential, regardless of the legal theory asserted, including warranty, contract, negligence or strict liability. Some states and countries do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

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