

# 3M™ Water Filtration Products

SPEC# \_\_\_\_\_

QUANTITY \_\_\_\_\_

application: **POINT-OF-USE BACKWASH**



models:

## CFS101BWF & CFS201BWF

The 3M™ Water Filtration Products CFS101BWF and CFS201BWF automatic backwash systems allow for the reduction of bulk sediment at the point-of-use. Coarse filtration down to 20 micron captures particles that can cause abrasion of fittings, seals and o-rings. Coarse filtration can help extend the life of finer filtration downstream. Choices of other medias can address site specific water conditions.

### PRODUCT BENEFITS

- Control valve is designed for reliable service.
- Full flow bypass for ease of service and maintenance.
- Time clock initiation allows backwash cycle to take place during non-peak demand.
- Choice of medias for differing water quality conditions.
- Electrical operation is 110V/60Hz. 220V/50Hz available upon request.

### PRODUCT SPECIFICATIONS

Model Number	Part Number	Media Volume* Cu. Ft. (Lit.)	System Flow Rate	Peak Flow Rate	Backwash Flow Rate	Inlet/Outlet Pipe Size	Drain Line
CFS101BWF	56002-01	1 (28.3)	5 gpm (18.9 lpm)	8 gpm (30.3 lpm)	5 gpm (18.9 lpm)	1" NPT	5/8" OD x 1/2" ID
CFS201BWF	56002-03	2 (56.6)	7 gpm (26.5 lpm)	12 gpm (45.4 lpm)	7 gpm (26.5 lpm)		

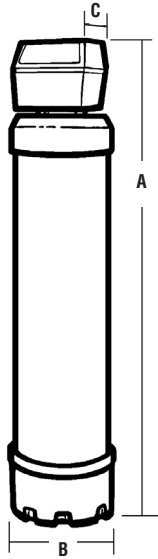
\* Media ordered separately in 0.5 cubic ft. increments (see back for details).



# CFS101BWF & CFS201BWF BACKWASH SYSTEMS

# 3M™ Water Filtration Products

SPEC# \_\_\_\_\_  
 QUANTITY \_\_\_\_\_  
 MODEL NUMBER \_\_\_\_\_  
 PART NUMBER \_\_\_\_\_



	CFS101BWF	CFS201BWF
A (Height)	50 in. (127 cm)	58 in. (147.32 cm)
B (Width)	10 in. (25.4 cm)	12 in. (30.5 cm)
C (Depth)	17 in. (43.2 cm)	18 in. (45.7 cm)

**⚠ 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.

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

## SPECIFICATIONS

### System:

- Maximum operating pressure of 125 psi (827 kPa) and operating temperature of 110°F (43.3°C).

### Control Valve:

- Composite thermoplastic construction.
- Connects to the media tank with 2 1/2" x 8 threaded connections.
- Time clock initiated.

### Media Tank:

- Wound fiberglass tank.

### Media Options

Model #	Part #	Description	Application	Cu. Ft. Provided
A Media	A-050P	Activated Carbon	Reduction of Chlorine Taste & Odor, Organics	0.5
ML Media	ML-050P	Multi-Layered Media	Coarse Sediment Reduction Down to 20 Micron	2
F Media	F-050P	Filter-Ag®	Reduces Turbidity and Improves Water Clarity	0.5
QFS Media	QFS-050P	Filter Sand	Coarse Sediment Reduction Down to 20 Micron	0.5

## IMPORTANT: INSTALLATION TIPS

These installation tips are for informational purposes only and are not intended to be used as actual installation instructions. **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.
- Installation and use **MUST** comply with all state and local plumbing codes.
- **Protect from freezing**, depressurize and drain system when temperatures are expected to drop below 33°F (0.6°C).
- **Do not install on hot water supply lines.** The maximum operating water temperature of this filter system is 110°F (43.3°C).
- **Do not install** if water pressure exceeds 125 psi (862 kPa). If your water pressure exceeds 80 psi (552 kPa), you must install a pressure limiting valve. Contact a plumbing professional if you are uncertain how to check your water pressure.
- **Do not install** where water hammer conditions may occur. If water hammer conditions exist you must install a water hammer arrester. Contact a plumbing professional if you are uncertain how to check for this condition.

## LIMITED WARRANTY

3M Purification Inc. warrants this Product will be free from defects in material and manufacture for five (5) years 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 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 fails to satisfy this Limited Warranty during the warranty period, 3M Purification Inc. will replace the Product or refund your Product purchase price. This warranty does not cover labor. **The remedy stated in this paragraph is Customer's sole remedy and 3M Purification Inc.'s exclusive obligation. For additional information, see the entire Limited Warranty located in the product Installation and Operating Instruction Manual.**

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