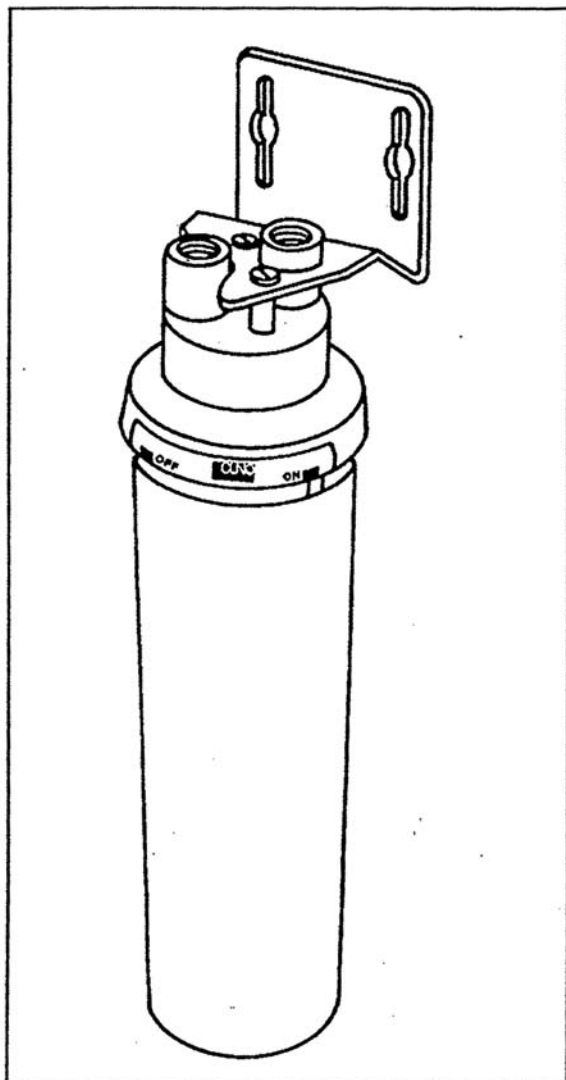


Installation and Operating Instructions

For 3M™ Water Filtration Products WATER SOFTENER SYSTEMS



Your new water softener system is designed to be installed on the cold water line. This new concept filter requires no additional valves in the line or the need to turn off existing valves when replacing the cartridge. The system features its own automatic shutoff, thereby eliminating the need for any external valves.

INSTALLATION PRECAUTIONS

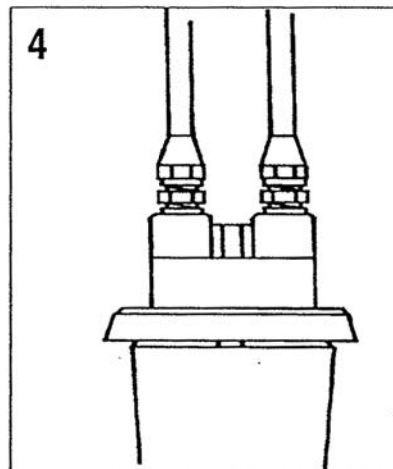
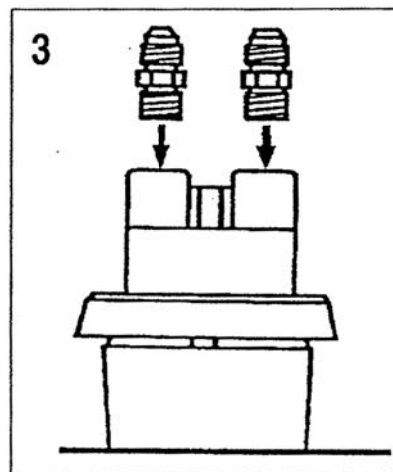
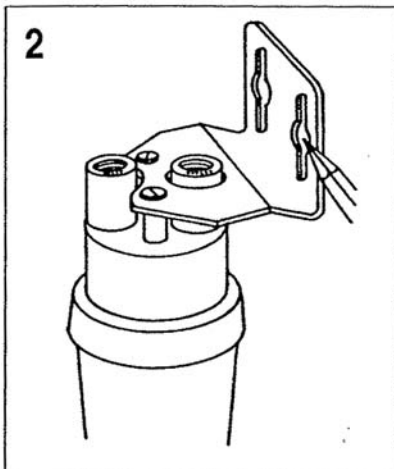
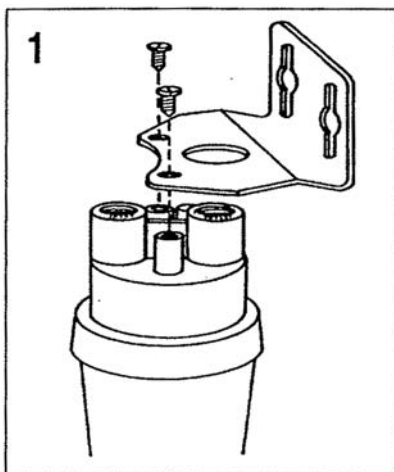
- ▼ The filter must be installed with the inlet and outlet as labeled. Make sure not to reverse connections.
- ▼ Do not install on hot water line. Maximum temperature allowed is 100°F (38°C).
- ▼ Do not install on line pressure above 125 psi (862 kPa).
- ▼ Do not use wicking or sealer for fitting connections into head of filter. Use Teflon® tape for connections.
- ▼ Do not use torch or other high temperature sources near filter or plastic cartridge.
- ▼ Do not install near electric wires or water pipes which will be in path of drill when selecting the position to mount the bracket.
- ▼ Do not install in direct sunlight.
- ▼ Protect from freezing. Drain filter when room temperature drops below 40° F (4.4°C).
- ▼ Allow minimum of 2" (5 cm) clear space under filter to facilitate cartridge change.
- ▼ Mount filter in such a position as to prevent it from being struck by other items, such as waste baskets, etc.
- ▼ Note: Activated carbon filters are not intended for use where the water is microbiologically unsafe or of unknown quality.
- ▼ Installation must comply with existing state or local plumbing codes.



Water Filtration Products

Installation Procedure

BEFORE STARTING, CLOSE SHUT-OFF VALVE ON COLD WATER LINE



BRACKET INSTALLED DOWN ONLY

STEP 1. Attach the mounting bracket to the filter head by: Removing the two screws from the filter head using them to secure the bracket to the head.

INSTALL CARTRIDGE....

STEP 2. Position filter bracket by holding it up against the wall/panel to which the unit will be mounted. Allow at least 2" (5 cm) of clearance below the cartridge to facilitate cartridge removal. Mark the mounting hole locations onto the mounting surface. Secure the filter with appropriate mounting hardware. The unit may be mounted either vertically or horizontally.

STEP 3. The inlet/outlet connections are 3/8" female taper pipe threads. Appropriate fittings/pipings/tubing tools vary by requirements of each installation. Be sure to always use Teflon® tape to seal tapered threads.

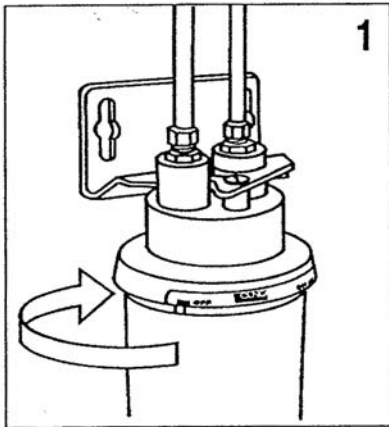
STEP 4. Pressurize system to check for leaks. If none are apparent, flush the new cartridge for 2.5 gallons to remove any trapped air or carbon fines. The filter is now ready for service.



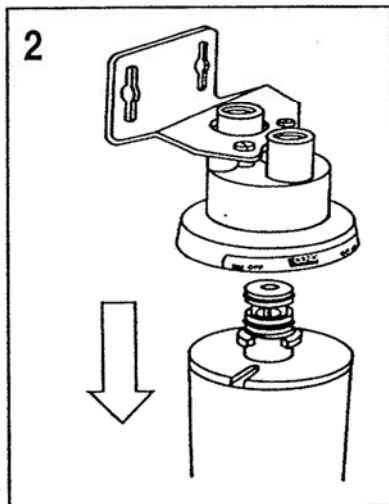
Water Filtration Products

Replacement Cartridge

Change Instructions

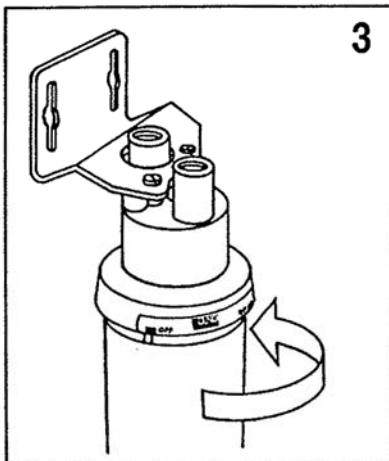


Replace cartridge when there is a decided decrease in water flow or when objectionable taste and/or odors return. It is recommended that the cartridge be CHANGED AT LEAST EVERY SIX MONTHS. ALWAYS HAVE SPARE CARTRIDGES ON HAND.



STEP 1. Turn cartridge slowly, approximately 90° counter-clockwise until it hits a stop and the slot on the cartridge lines up with the word "OFF" on the head. At this position the inlet and outlet ports have been closed and the filter internal pressure has been relieved.

STEP 2. Pull used cartridge straight out and discard.
NOTE: There is a small amount of residual water drainage after pressure is relieved and during cartridge removal.



STEP 3. Push new cartridge into head with slot on cartridge in line with the word "OFF" on head. Top surface of cartridge will become flush with bottom of head when fully engaged. Turn cartridge approximately 90° clockwise until it hits a stop. Flush the new cartridge for 2.5 gallons. Water may run cloudy due to air and carbon fines but will quickly clear.

LIMITED WARRANTY

Seller warrants its equipment against defects in workmanship and material (excluding disposable filter cartridge(s)) for a period of 1 year from date of shipment from the factory under normal use and service and otherwise when such equipment is used in accordance with instructions furnished by Seller and for purposes disclosed in writing at the time of purchase, if any. The disposable filter cartridge is warranted from defects in material and workmanship for a period of one (1) year from the date of purchase. Any unauthorized alteration or modification of the equipment by Buyer will void this warranty. Seller's liability under this warranty shall be limited to the replacement or repair, F.O.B. point of manufacture, of any defective equipment or part which, having been returned to the factory, transportation charges prepaid, has been inspected and determined by the Seller to be defective. THIS WARRANTY IS IN LIEU OF ANY OTHER WARRANTY, EITHER EXPRESSED OR IMPLIED, AS TO DESCRIPTION, QUALITY, MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE OR USE, OR ANY OTHER MATTER. Under no circumstances shall Seller be liable to Buyer or any third party for any loss of profits or other direct or indirect costs, expenses, losses or consequential damages arising out of or as a result of any defects in or failure of its products or any part or parts thereof or arising out of or as a result of parts or components incorporated in Seller's equipment but not supplied by the Seller.



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