



# Faucet Mount Water Filter

## Installation and Operation Guide

### Parts Included

- Faucet Mount Filter
- Multi-Stage Cartridge
- Faucet Adapters
- Filter Change Reminder Label

### Tools/Materials Required

- None

Model: CQE-FM-00500



7 8 5 0 8 4 0 0 5 0 0 1



Model: CQE-FM-00501



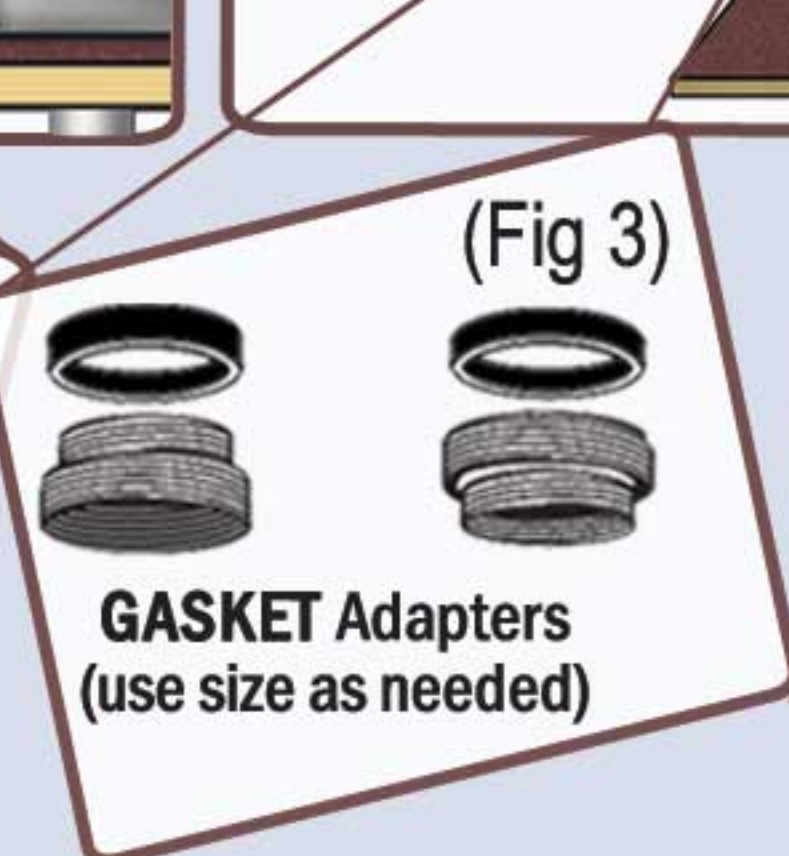
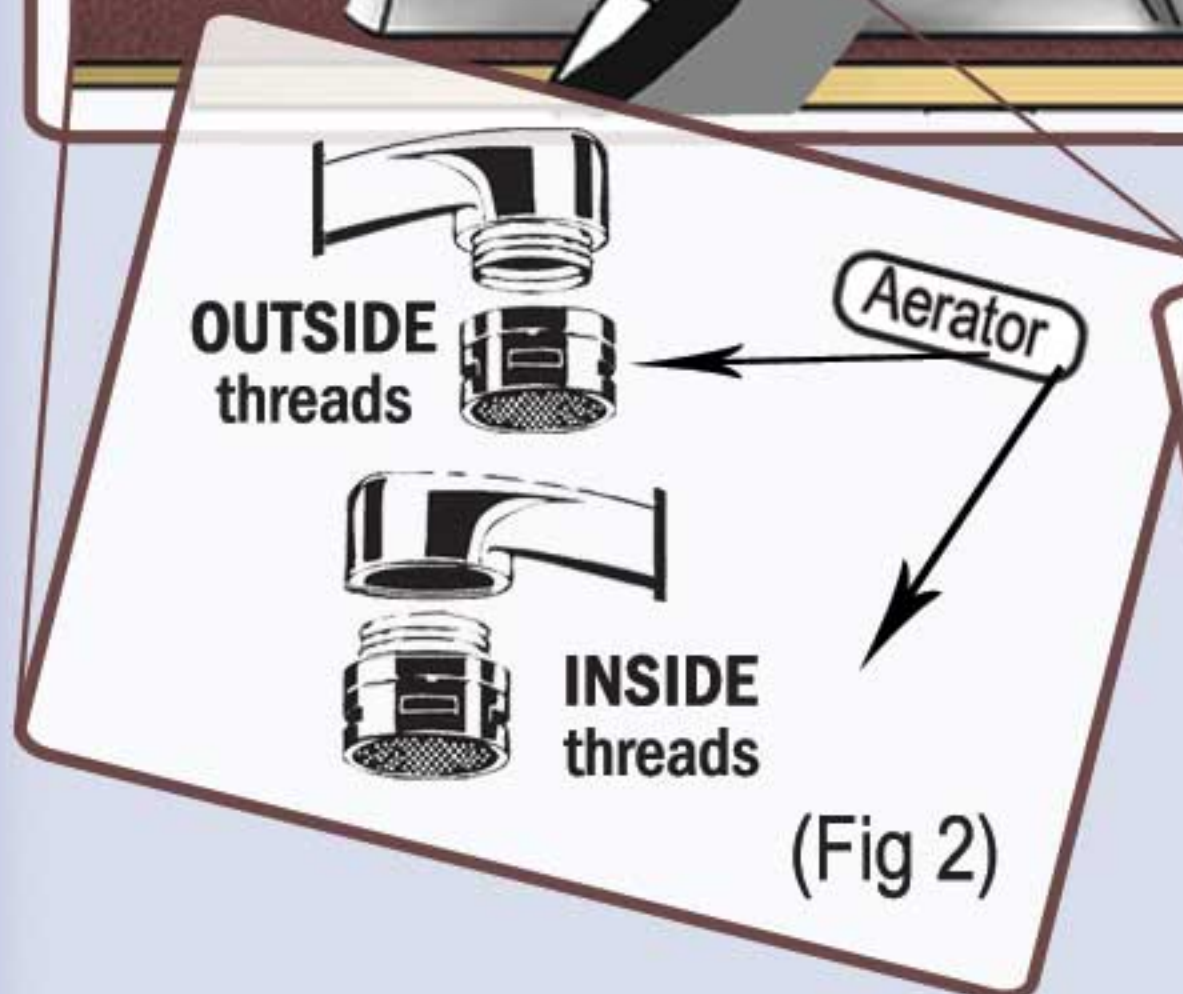
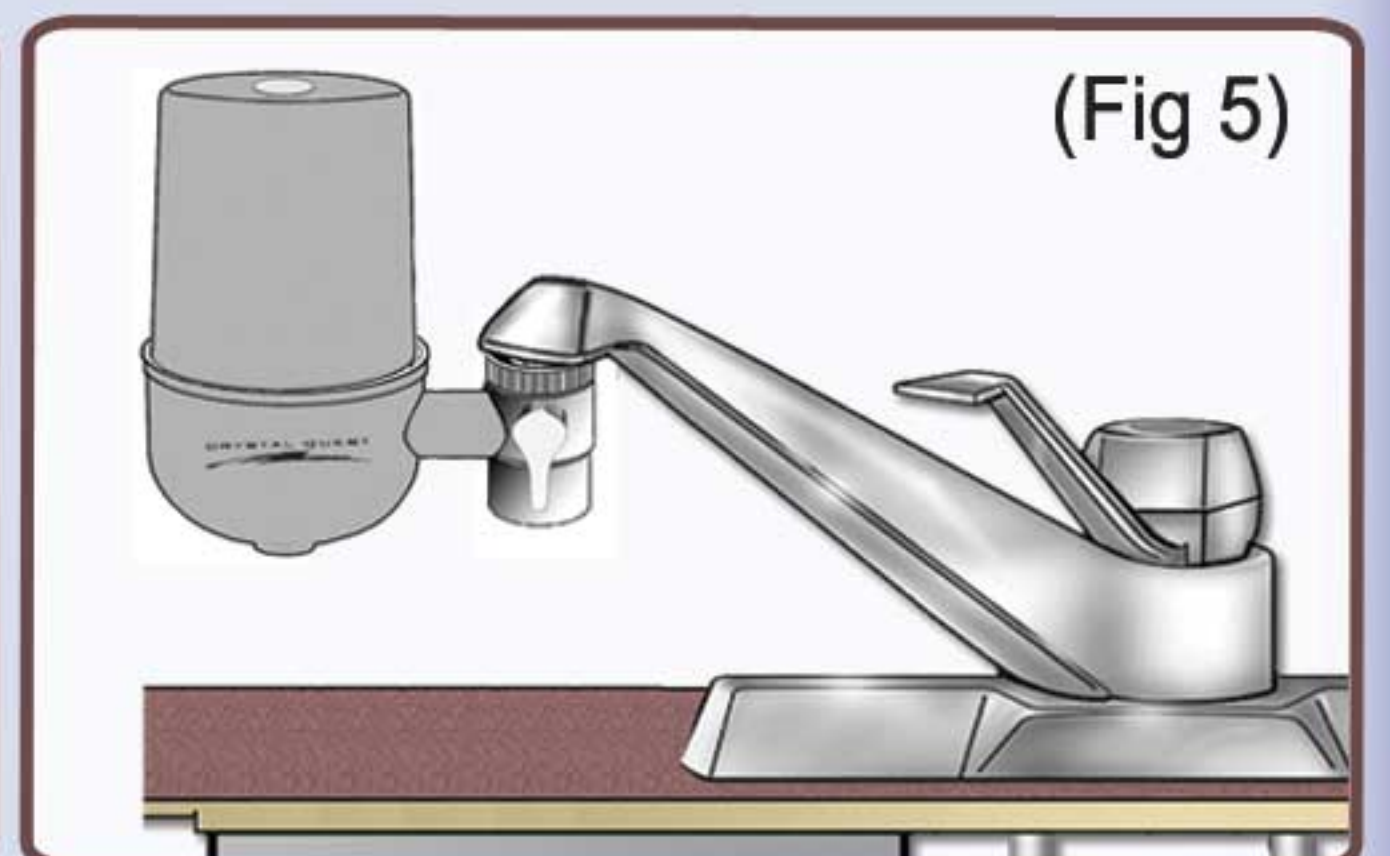
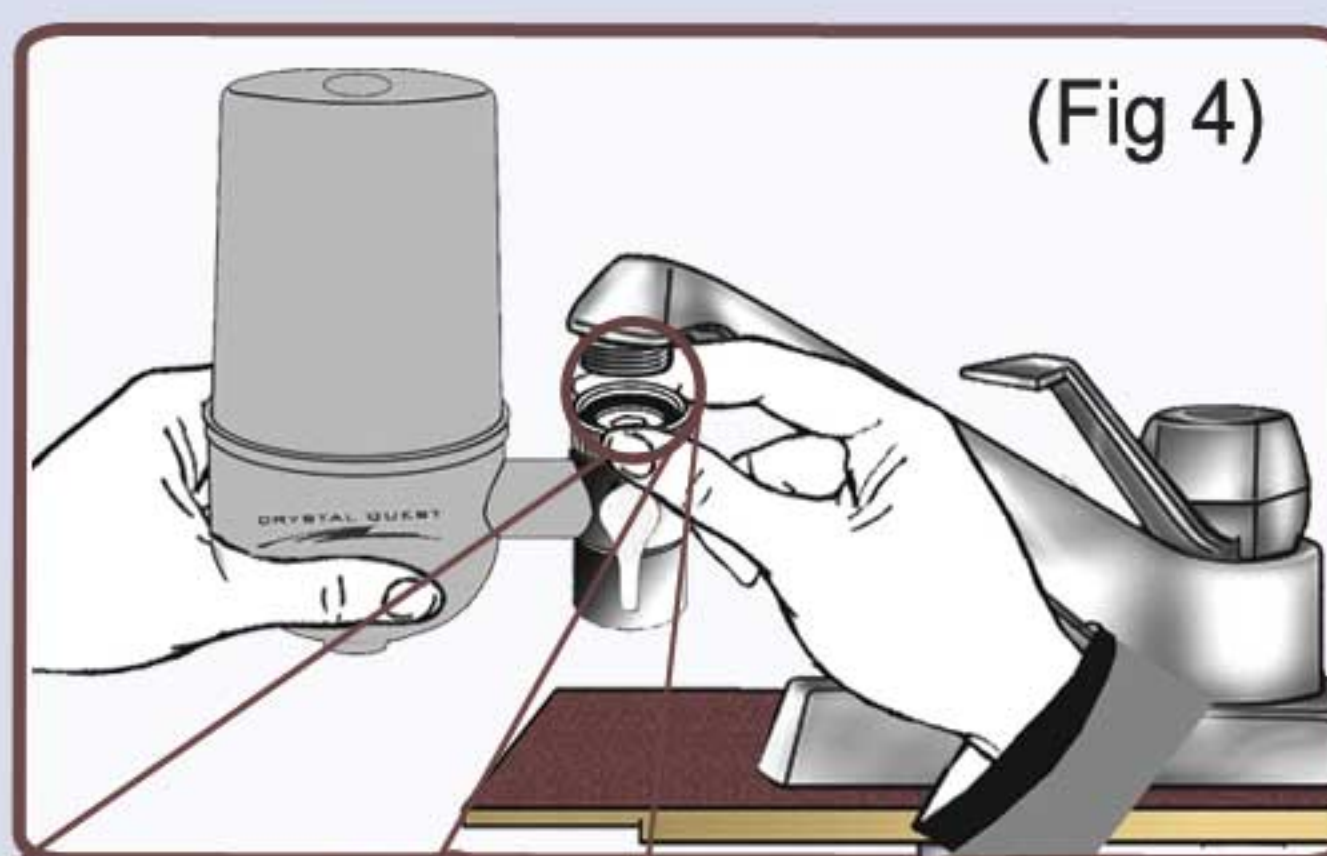
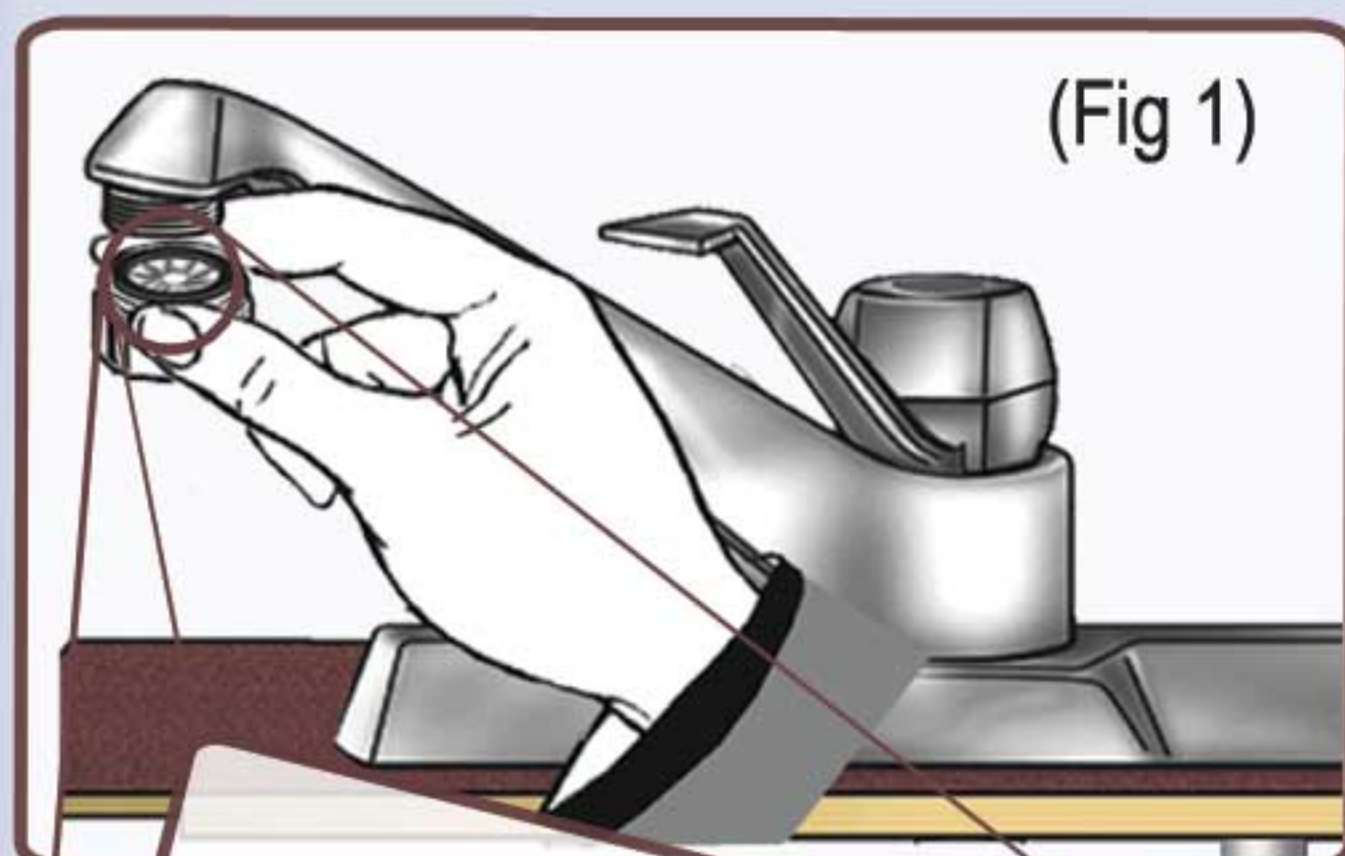
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### OPERATING SPECIFICATIONS

Pressure Range: 30-60 psi (2.1-4.1 bar)  
 Temperature Range: 40-100°F (4.4-37.7°C)  
 Optimum Service Flow: 0.30 gpm at 60 psi  
 (1.1 lpm at 4.1 bar)

### INSTALLATION INSTRUCTIONS

1. Remove the aerator from faucet on which filter will be installed (Fig 1).
2. Determine the type of threads on your faucet and the need for an adapter. For faucets with outside threads, no adapter is needed. For faucets with inside threads, an adapter is needed (Fig 2). Use appropriate size from parts included.
3. Select the proper adapter (if needed) and washers. Screw into faucet and tighten manually (Fig 3).
4. Attach the diverter to the faucet and turn until tight (Fig 4). To ensure snug fit, grasp the diverter and the body and turn them together clockwise. Then, holding the diverter still, turn the body clockwise until the unit is aligned to the left of your faucet (Fig 5). Repeat the procedure until the unit is firmly attached to faucet. Do not overtighten.
5. Run water 5 minutes to flush the filter cartridge. Then before each use, run water for 1-2 seconds to flush.



ISO 9001:2008  
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Review Installation and Operation Guide online at [www.crystalquest.com](http://www.crystalquest.com) for the most up-to-date version.

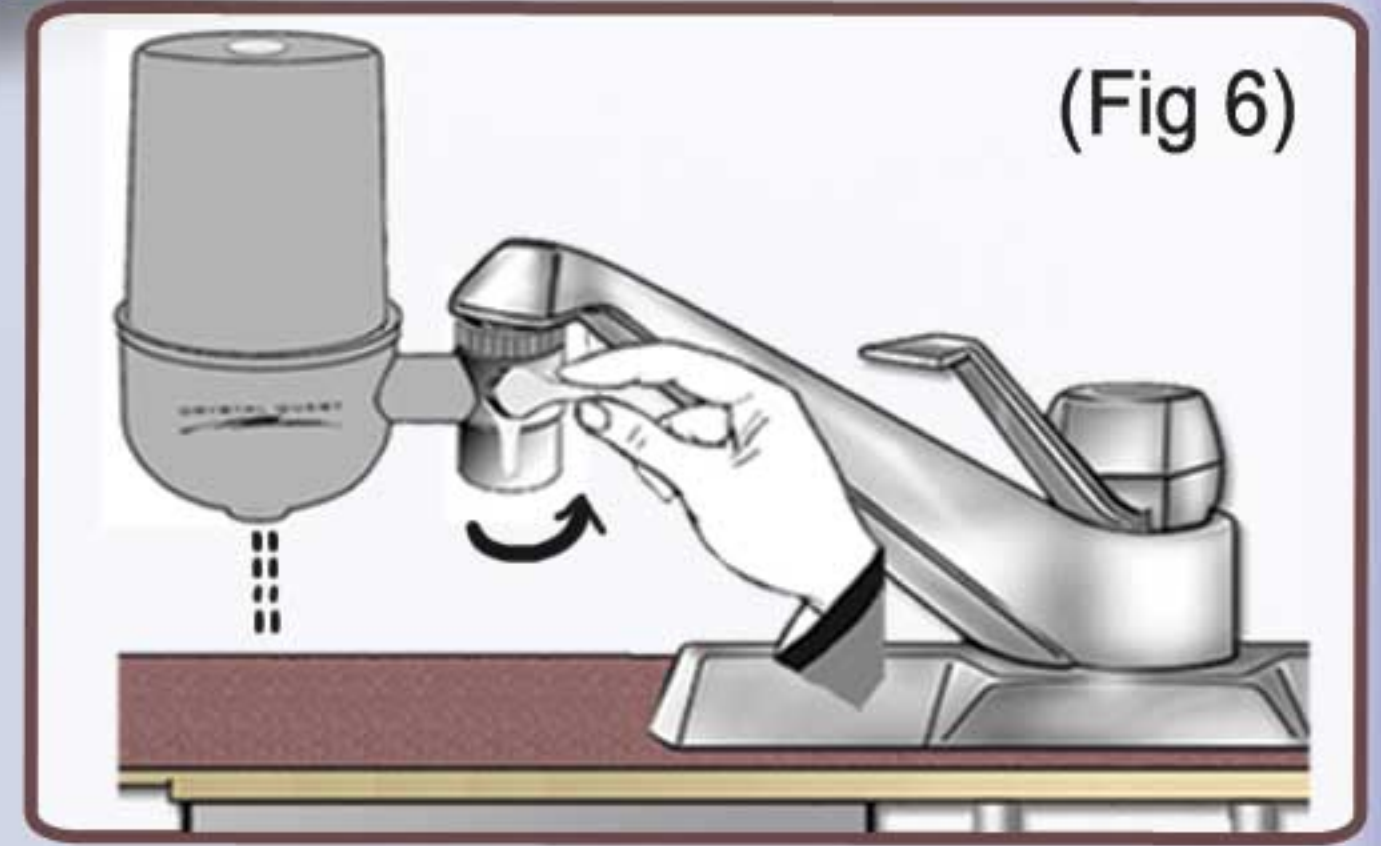




## IMPORTANT INFORMATION

- DO NOT** run **HOT WATER** through unit. For **COLD WATER USE ONLY**. Turn on cold water faucet (about one third of the way open). To receive filtered water, turn diverter valve handle on (Fig 6).
- DO NOT** run water through at maximum flow. Slow flow will extend the contact time between the filtration media and water, which results in better filtration. Keep flow below .30 GPM for filtration to be effective.\*
- DO NOT** use where water is microbiologically unsafe.
- DO NOT** cross-thread. If cross-threaded, do not put unit into service.
- Make sure that installation of this system complies with all state and local laws and regulations.
- Contaminate or other substances removed or reduced by this system are not necessarily in your water.
- If system is not used for an extended period of time, allow water to run for 5 minutes prior to use to re-flush the system.
- If you need to connect a portable dishwasher to your faucet, unscrew the aerator from the filter and attach according to the manufacturer's recommendations.
- A Reminder Decal is provided for your use to record the installation and filter replacement dates. Peel off sticker and affix to the corner of a dry mirror or any glass surface.
- One-micron filtration will trap all invisible and undetected sediment, rust, and microorganisms. It is recommended that you replace the pre-filter pad to avoid clogging. In certain geographical areas the pre-filter pad may need to be replaced more often.
- For more information refer to other labels and/or Installation and Operation Guide.

\*A lower flow will yield optimum filtration results.



(Fig 6)

## REPLACEMENT CARTRIDGE

(Capacity: 2,000 gallons)\* (6-12 months filtration)\*

Your Faucet Mount Water Filter system contains a cartridge that must be replaced at regular intervals to maintain proper performance.

- The filter cartridge has a limited service life. Use only factory approved cartridges.
- Changes in taste, odor, and flow of the water being filtered indicate that cartridge should be replaced. Failure to change the cartridge routinely will result in reduced performance and void the warranty.
- Flush each new filter cartridge 5-10 minutes to remove all media fines. Media fines are not harmful but should be flushed out before using the filtered water.
- Cartridge may need to be rotated quarterly to backwash and dechannelize the system (Fig 7, #4).

## CARTRIDGE REPLACEMENT

- Disconnect filter housing unit by unscrewing diverter valve (Fig 7, #7) from faucet.
- Separate the filter housing by turning upper filter housing (Fig 7, #1) counterclockwise to open.
- Remove cartridge (#4) from lower filter housing along with the hard white disk and soft clear inner disk (Fig 7, #5).
- Take cartridge out of wrapping, replace old cartridge with new one, and install cartridge with micron pad (Fig 7, #3) showing at the top. Reassemble filter housing unit following installation instructions.
- Run water through unit for 5-10 minutes prior to first use and 2-3 seconds before each use thereafter.

\*Cartridge life varies with water condition and consumption.



CQE-RC-04046



## CARE AND OPTIMUM USE

The replacement cartridge can be used inversely to extend lifetime. Flip the cartridge to the opposite side of the housing unit to allow water to flow in opposite direction. This backwashes the filter and prevents channeling.

- Follow Steps 1-3 for replacing cartridge. (Removal of disks (Fig 7, #5) may take some prying.)
- Move micron pad (Fig 7, #3) to the other end of cartridge. (This end becomes the top end of the cartridge.)
- Insert disks into the bottom end of the cartridge.
- Place cartridge into lower portion of housing unit and push firmly to secure.
- Reattach upper filter housing (Fig 7, #1) and tighten clockwise.
- Run water for 3-5 minutes.
- Wash the filter housing unit monthly with mild detergent and rinse with hot water. If hard water buildup is present on the diverter valve, soak valve in vinegar 5 to 15 minutes.

## TROUBLESHOOTING

- Water flow has drastically reduced.** The unit may be clogged. Change micron pre-filter pad or replace the cartridge.
- Water leak between the base and sump of the housing unit.**
  - The unit may be clogged
  - The filter cartridge is not installed properly
  - The O-ring on the top housing needs to be replaced
  - Water pressure is too high. Reduce flow.
- Water leaks around faucet and diverter area.** Make sure the diverter is tight. Use the correct adapter or diverter O-ring included with the filter housing unit. If necessary, replace the diverter.

## LIMITED WARRANTY

**CRYSTAL QUEST® warrants your CRYSTAL QUEST® Faucet Mount Water Filter for one year from the date of purchase against all defects in materials and workmanship when used in compliance with the manual. CRYSTAL QUEST® disclaims all implied warranties including, without limitation, warranties of merchantability and fitness for a particular purpose. If for any reason the product proves to be defective within one year from the date of purchase (90 days for filter cartridge), please call for assistance. This warranty gives you specific legal rights and you may have other legal rights which vary from state to state. CRYSTAL QUEST® assumes no responsibility for incidental or consequential damages, for damages arising out of misuse of the product, or the use of any unauthorized attachment. Some states do not allow the exclusion or limitation of implied warranties or incidental or consequential damages; therefore, the above limitations or exclusions may not apply to you. Should service be required during or after the warranty period or should you have any questions regarding how to use your CRYSTAL QUEST® Faucet Mount Water Filter, contact our Technical Support Department at [service@crystalquest.com](mailto:service@crystalquest.com), Monday through Friday, 9 A.M. to 5 P.M. Eastern Time.**

For replacement cartridges, contact your Crystal Quest® Dealer or visit us online at: <http://www.crystalquest.com>

Model and design are subject to change without notice.

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