

Installation Instructions

Important

The Drinking Water Filter with MACguard will not make biologically unsafe water safe to drink since activated carbon will not kill bacteria. When applying the filter to non-chlorinated water supplies, additional treatment steps may be necessary to assure the water's bacterial makeup is compatible with activated carbon final treatment.

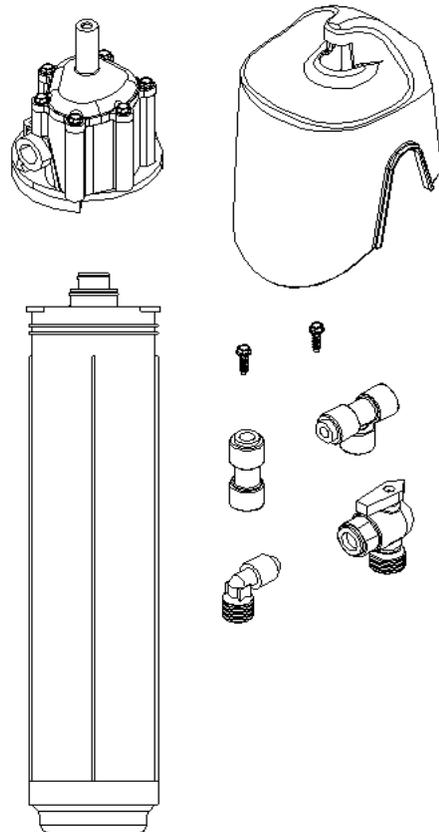
SAFETY / INSTALLATION GUIDELINES

NOTE: *Read all steps, guides and rules carefully before installing and using the Kinetico Drinking Water Filter with MACguard.*

PRE-INSTALLATION CHECKLIST

Before starting installation, check the contents of the box for the following components.

- MACguard head with bracket (1)
- Lead, VOC, and cyst reduction cartridge Product No. 9308 (1)
or Taste and Odor cartridge product No. 9306
- Decorative cover with PureMometer™ indicator window (1)
- Tubing hookup kit, consisting of:
 - 3/4" bracket mounting screws (2)
 - 1/4" tube x 1/4" tube connector (1)
 - 3/8" tube x 3/8" tube x 1/4" tube tee (1)
 - 1/4" NPT x 1/4" tube elbow (1)
 - 1/4" NPT x 1/4" tube elbow shutoff valve (1)
 - 1/4" O.D. tubing (not pictured)



INSTALLATION INSTRUCTIONS

Installation must comply with state and local codes and regulations.

Tools/Items Required

- Utility knife or tubing cutter
- Teflon tape™
- Pliers
- Drill
- Phillips-head screwdriver

Installation Procedure

NOTE: *It is recommended that before purchasing a water treatment unit, you have your water tested to determine your actual water treatment needs.*

The Kinetico Drinking Water Filter with MACguard must be mounted in a vertical position, and the total hookup distance should be limited to not more than 15 feet.

CAUTION

OVER TIGHTENING OF ANY THREADED FITTING COULD RESULT IN DAMAGE TO THE FITTING OR THE FILTER HEAD. THE USE OF LIQUID OR PASTE SEALANTS IS NOT RECOMMENDED.

1. Apply Teflon tape™ to the plastic elbow, and install it into the outlet on the right side of the filter head/bracket assembly (See Figure 1).



Figure 1. Elbow Installation

2. Apply Teflon tape™ to the male end of the shutoff valve provided and install it into the inlet on the left side of the filter head (See Figure 2). Hand tighten the valve until it is firmly in place.



Figure 2. Shutoff Valve Installation

3. Remove the plastic wrapping from the filter cartridge. Remove the small plastic cap from the top of the filter cartridge (See Figure 3). Install the cartridge into the filter head/bracket assembly by firmly inserting it and rotating it until the arrows on the cartridge top and filter head/bracket assembly are aligned (See Figure 4).



Figure 3. Filter Cartridge Cap Removal



Figure 4. Filter Head Assembly Alignment

4. Determine the desired location for the filter system. It should be easily accessible for cartridge replacement. Be sure to leave adequate clearance under the filter to facilitate cartridge changes and allow for easy viewing of the PureMometer filter life indicator.

NOTE: Do not install in direct sunlight.

The screws provided are for use with structurally sound wood surfaces. You may need other mounting hardware if you are mounting on other surfaces.

WARNING

DO NOT USE THE FITTINGS PROVIDED ON CHROME TUBING. IF YOUR PLUMBING TYPE REQUIRES DIFFERENT FITTINGS THAN THOSE PROVIDED, YOU MAY OBTAIN THEM AT A LOCAL HARDWARE STORE OR HOME IMPROVEMENT CENTER.

- Using the bracket mounting screws, mount the filter system in the location you have chosen (See Figure 5).
- Locate the cold water line you will tap into to supply water to the filter system. **DO NOT USE THE HOT WATER LINE.** Turn off the water to the cold water feed line. Plumb in a hookup with the ability to connect to ¼" tubing (See Figure 6). A tee fitting is provided to accommodate most installations.

Note: The installation must comply with state and local codes and regulations.



Figure 5. Filter Bracket Installation

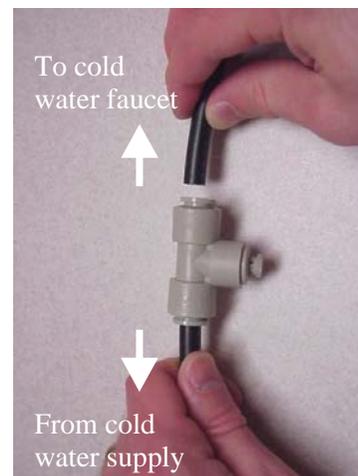


Figure 6. Water Supply Connections

- Insert one end of the ¼" tubing provided into the ¼" outlet on the fitting plumbed into the cold water line (See Figure 7). You may need to trim the length of the tubing to accommodate your installation. Insert the other end into the elbow/shutoff valve fitting on the inlet on the left side of the filter head/bracket assembly (See Figure 8).

Tip for easy installation

A bow-tie pattern is printed on the tubing to indicate when the tubing is fully inserted. Prepare tubing by cutting through center of bow-tie nearest the end of the tubing. When tubing is properly inserted, only half of the next bow-tie will appear. To remove, depress the lock ring collet and pull tubing out. **Do not use with metal tubing.**

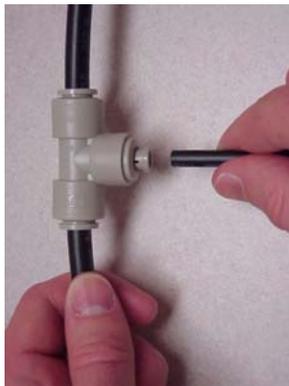
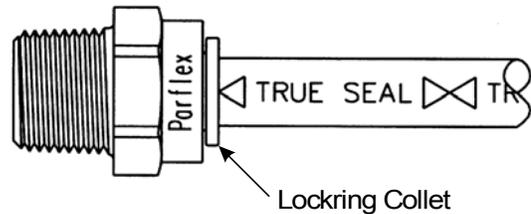


Figure 7. Cold Water Supply Connection to Tee Fitting



Figure 8. Cold Water Supply Connection to Shutoff Valve

8. Install a length of 1/4" tubing from the outlet elbow on the right side of the filter head/bracket assembly to the faucet (faucet not supplied with unit)(See Figure 9).

NOTE: A 1/4" tube x 1/4" tube union connector is included and may aid in this connection.



Figure 9.

Filter Head/Bracket Assembly Water Connection

9. Turn on the water to the cold water feed line. Open the shutoff valve on the system (See Figure 10).

10. Open the drinking water faucet to purge any air and carbon fines (particles) from the system. Carbon fines are present in all carbon cartridges and are a result of normal manufacturing.



Closed

Open

Figure 10. Shutoff Valve Operation



**Figure 11. Decorative Cover
Installation**

11. Close the drinking water faucet and check all connections for leaks.

12. Place decorative cover onto filter head/bracket assembly (See Figure 11).

Replacement filter cartridges are available from your local authorized Kinetico dealer, at www.kinetico.com or by calling 1-800-944-WATER (9283).