



# ANCHOR<sup>®</sup>

## WATER FILTERS

### UNDER COUNTER WATER FILTER SYSTEM

### User Manual



Model# AF-4003

## Your box contains:



Filter Assembly



Faucet Box



Feed Water Adapter\*



Elbow Connector



Red & blue tubing



Wrench



User Manual

\* Feed Water Adapter design can vary depending on availability.

## Know your filter

Stage 3 Stage 2 Stage 1



Filter Cartridges



Water Inlet/outlet with 1/4" Female NPT Thread

Mounting Bracket



Filter Housings

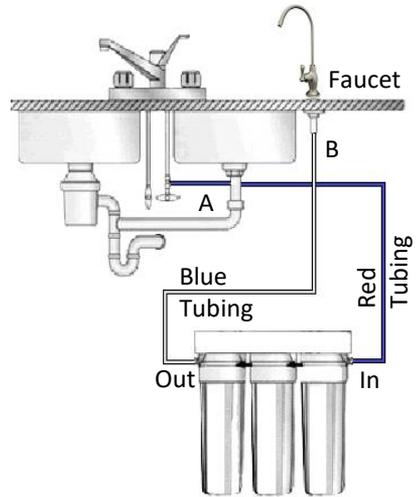
## Specifications

ATTRIBUTE	VALUE
Temperature Range	40°F - 100°F
Service Flow	1.5 gpm
Rated Capacity	1500 gallons
Operating Pressure	40 psi - 90 psi
Dimensions	15 3/8"L x 14"H x 5 3/4"W

*Made with highest quality NSF approved components*

## Tools & Materials Required for Installation

- Drill with 1/2" Drill Bit (type as required) if faucet needs to be mounted
- Adjustable Open-End Wrenches
- Phillips and Flat Blade Screwdrivers
- Feed water supply valve and adapter



## Installing your filter

### IMPORTANT

- Install or store where it will not be exposed to temperatures below freezing or exposed to any type of weather. Water freezing in the system will damage it.
- Recommended installation is under the sink. However, the unit can be installed in a remote location, up to 20 feet away from the sink. Additional installation materials may be required.
- Be sure there is room underneath the sink to make the needed connections.
- If installed under sink, leave enough tubing in place during installation to be able to move unit to floor for ease at servicing and making filter cartridge changes.
- Do not install on HOT WATER. Temperature of water supply to filter system must be between minimum of 40°F and maximum of 90°F.
- The assembly can stand up in sink cabinet or can be hung on screws.
- Use PTFE (Teflon) tape for the fittings and do not overtighten.

## Color Code For Tubing

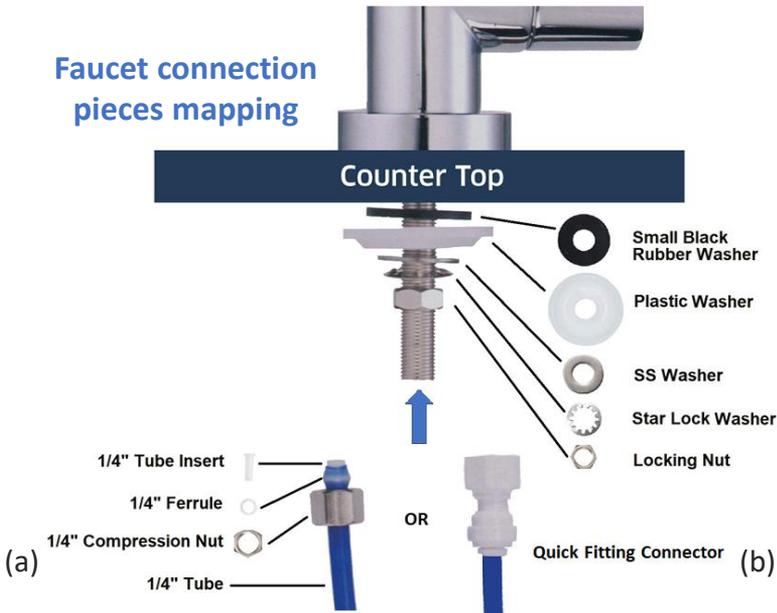
Use the color-coded tubing to make connections as follows:

- A. Red** tubing connects water supply adapter to **inlet** side of the assembly
- B. Blue** tubing connects the faucet to the **outlet** side of assembly

# Installation

## 1. Faucet Installation

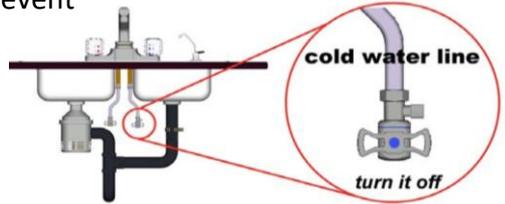
- 1) While selecting location for faucet, make sure faucet base sits flat against the surface at the selected location so the gasket will seal, and the faucet stud is accessible from below.
- 2) Slide Escutcheon chrome plate and large rubber gasket onto stem of faucet and place faucet onto sink with stem going through the hole.
- 3) Place small rubber gasket, plastic washer, metal ss washer and star lock washer over threaded stem of faucet and tighten locking nut from under the counter surface to lock faucet into place.
- 4) Depending on tube connectors included, follow instructions below:
  - Insert compression nut, plastic ferrule & tube insert into the **blue tubing** (see image (a) below). Now insert this end to faucet stem hole from under the counter and tighten with compression nut.
  - OR -
  - Insert the **blue tubing** to the quick connector (see image (b) below) and screw it on the faucet stem.
- 5) Other end of **blue tubing** from the faucet connects OUT of filter assembly. See image on page 6.



## 2. Feed-Water Supply Installation

**CAUTION: The water supply to the unit MUST be from the COLD-WATER LINE. HOT WATER will severely damage the system.**

- 1) Locate the cold water (angle) shut off valve (see picture below) underneath the sink and turn it off. Open the cold-water faucet to release the pressure. On single-handle kitchen faucets, the hot water may have to be turned off to prevent any hot water cross over. If water continues to come out of faucet with angled valve turned off, the house main must be turned off.



- 2) Locate the feed-water adapter in the installation kit.



Fits Both 1/2"  
NPT and 3/8"  
Compression  
Cold Water  
Supply



Figure 2

**Please see the following for flex line and solid-copper riser installation.**

- Note:** You may need to use Teflon tape on feed adapter to prevent leaks
- a. Flex Line:** Loosen nut and separate the cold-water riser tube from faucet shank. Gently bend riser tube so that feed adapter fits into faucet shank. Reinstall riser tube onto feed connector and tighten.
  - b. Solid-Copper Riser Tube:** Follow same procedure as for flex tubing above, except cut a piece of the riser tube so the feed adapter can fit between faucet and riser tube.
- 3) Once the feed water adapter has been installed, connect the **red/orange tubing** to the feed valve as in Figure 2.

## Connection to the Filter Assembly

Your filter assembly comes pre-installed with filter cartridges. You only need to attach the **quick fitting elbow connectors** to inlet and outlet of the filter assembly and attach feed water and faucet tubes to them. Once connected, the system will be ready for use.

Remove the color-coded lock pins before inserting the tubes and replace after you are done.



### OUT - Blue Tube

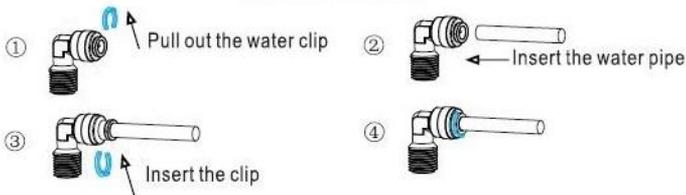
- Blue tubing connects faucet to the outlet side of assembly



### IN - Red Tube

- Red tubing connects feed water supply valve to inlet side of assembly

#### INSTALLING TUBING



## Startup Procedure

1. Check to see all connections are made.
2. Check that all sumps are secure using the housing wrench provided.
3. Slowly turn on water by turning the needle valve counterclockwise.
4. Handle of the faucet should be perpendicular to the spigot (closed).
5. Check for leaks.

**WARNING:** Before using filter system for the first time, the system must be purged for several minutes to flush out black carbon fines. Initially, the water may contain tiny air bubbles and taste slightly sweet this is normal and harmless, and will clear up after flushing.

## Replacing Filter Cartridge

This filter system contains replaceable components called filter cartridges critical to efficiency of the system. Replacement of these cartridges should be with one of identical specifications to assure same efficiency and contaminant reduction performance.

### STEPS:

1. Shut off the feed water to the system by turning the knob on water supply adapter clockwise until it stops.
2. Press down on faucet handle to relieve pressure.
3. Allow 2-3 minutes for pressure in the system to drop.
4. Remove the filter sumps with the housing wrench by turning the sump to the left (counterclockwise). If the O- ring in the sump is stretched or worn, it should be replaced to maintain a proper seal.
5. Remove the old filter and insert the new ones.
6. Replace the housing onto the cap by turning it to the right (clockwise) until the O-ring makes firm contact. DO NOT OVER-TIGHTEN.
7. Turn on feed water to the system by turning the water supply adapter knob counterclockwise.
8. Remember to flush the carbon fines.

## Cartridge Information:

Stage	Cartridge Model # & Name	Web URL	Recommended Maintenance Duration
Stage 1	Sediment AF-1001	<a href="https://www.anchorfilters.com/products/af-1001-sediment-filter-cartridge">https://www.anchorfilters.com/products/af-1001-sediment-filter-cartridge</a>	Depends on water condition and should be replaced at 3-6 months interval
Stage 2 & 3	Carbon Block AF-1000	<a href="https://www.anchorfilters.com/products/anchor-af-1000-carbon-block-replacement-filter">https://www.anchorfilters.com/products/anchor-af-1000-carbon-block-replacement-filter</a>	Depends on water condition and should be replaced at 6 months interval

## Register Your Product

Give yourself complete peace of mind and register product online to receive timely reminders for filter replacements & for quick support.

Register here:

<https://www.anchorfilters.com/product-registration>

OR



Scan to Register  
Product

## Technical Support

At Anchor USA, we are always here to help you. With 24-hour access to our company contact web page, you can drop a message or email us directly anytime, and one of our representatives will respond to your query in less than 24-hrs.

Web: <https://www.anchorfilters.com/contact-us>

Email: [support@anchorfilters.com](mailto:support@anchorfilters.com)



### IMPORTANT!

Run only cold water through the unit.



### WARNING!

Do not use this filter for water that is microbiologically unsafe or of unknown quality.

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