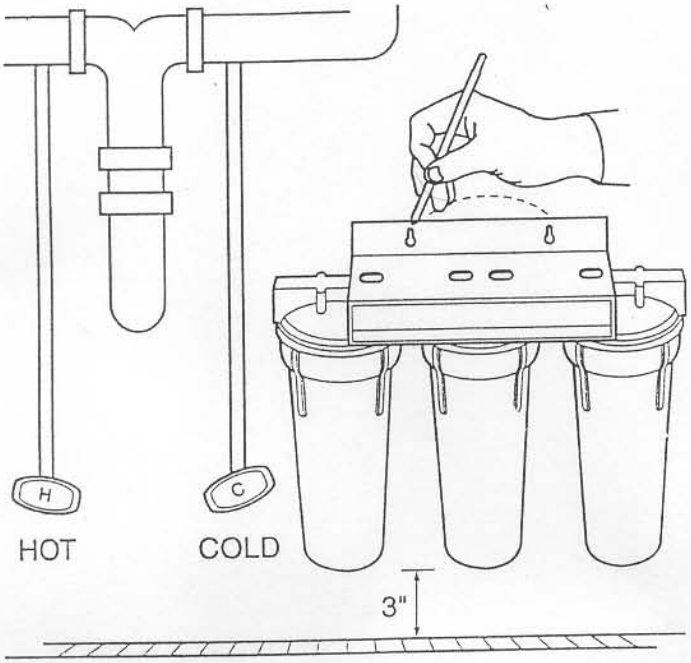
Installation Instructions

OMNIFILTER® Model OT5

Step 1

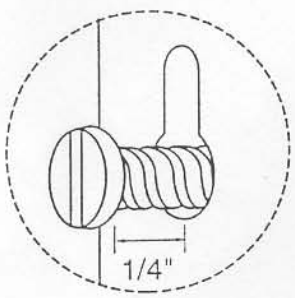
Choose a location



Position filter housing bracket on wall of cabinet nearest cold water line beneath sink. Leave at least 3" clearance between bottom of filter housing and floor. Mark bracket slots on wall.

Step 2

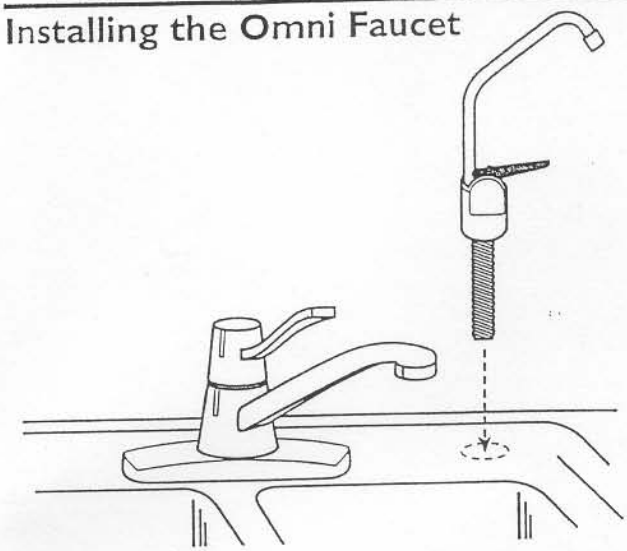
Install screws



Drill a 1/8" hole on each mark, then insert the screws. Leave each screw approximately 1/4" out from the wall for mounting the water filter later in the installation.

Step 3

Installing the Omni Faucet

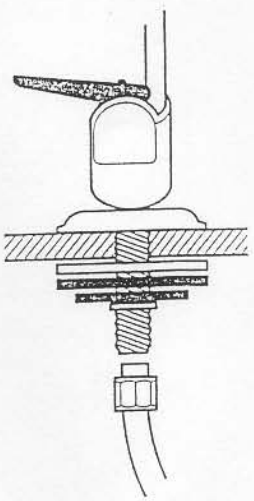


The faucet may be installed into the hole normally used for the sink sprayer. If you have a sink sprayer installed and plan to use it or do not have an existing hole, you will have to drill a hole for the faucet. The faucet will fit through a 7/16" hole or larger.

For drilling through a metal sink, first make a small indentation with a punch where you want to install the faucet. **(CAUTION: WEAR EYE PROTECTION WHEN DRILLING).** For drilling through porcelain, place a piece of masking tape over the location, then score with a punch before drilling.

Step 4

Insert faucet

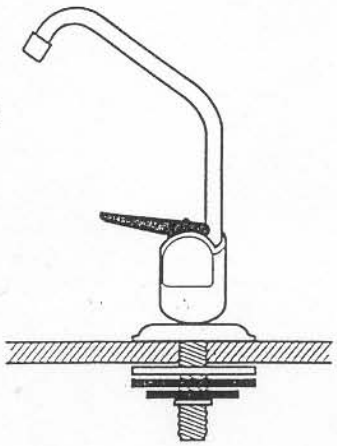


Remove the hardware from the faucet stem for later use. Slide the large chrome plated washer onto the stem, then the large rubber washer. Place the faucet stem through the hole in the sink.

Step 5

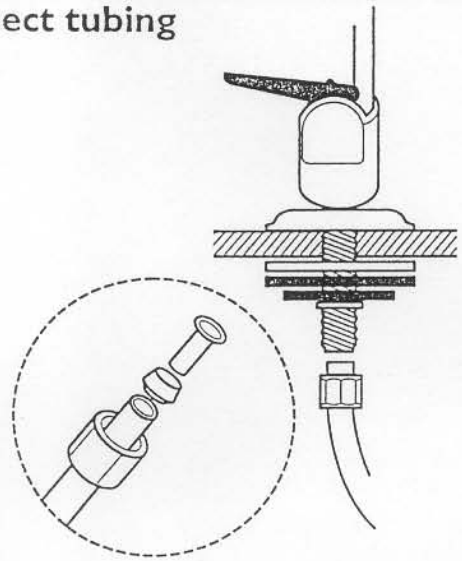
Secure faucet

Slide the small rubber washer, then the large metal washer and lock nut onto the faucet stem. Tighten the lock nut to secure the faucet in place.



Step 6

Connect tubing

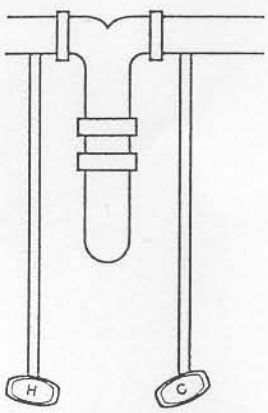


Slide the compression nut from the faucet over one end of the 1/4" plastic tube, then the white plastic compression sleeve as shown, then place a brass insert into the end of the tube. Push the tube all the way into the faucet stem, slide the compression nut forward and hand tighten the compression nut. Fully tighten with a wrench.

Step 7

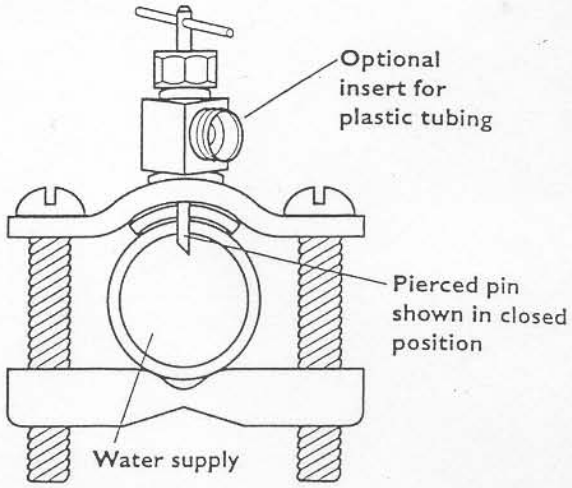
Turn water off

Locate the cold water shut off valve. Turn water off. Remove the saddle valve from the package. Make sure the piercing pin is completely retracted into the valve body.



Step 8

Position and bolt

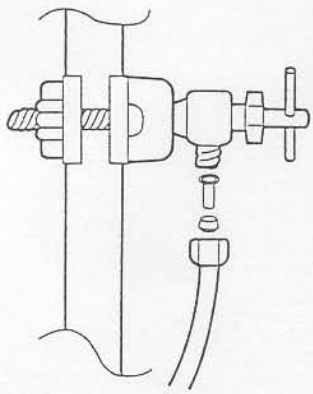


Choose a position on your cold water line. Assemble saddle valve straps on each side of your copper or PVC cold water pipe. Insert bolts into openings on each side and secure firmly with nuts.

Step 9

Connecting the supply tube

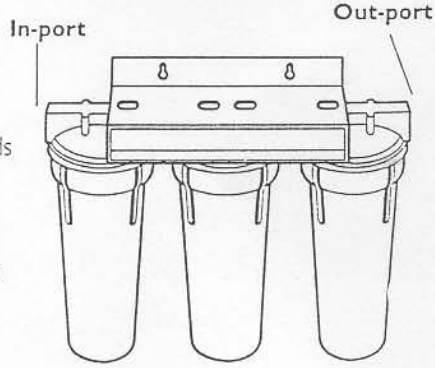
Take one end of the 1/4" plastic tubing and slide on the brass compression nut (open threaded end facing the end of the tubing). Slide on the white plastic compression sleeve and place the brass insert into the end of the tube. Push the tube into the saddle valve body, slide the compression nut forward and hand tighten the compression nut. Fully tighten with a wrench.



Step 10

Locate fittings

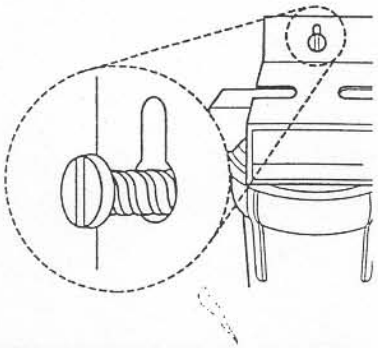
Locate the 3/8" to 1/4" threaded compression fittings. Insert the 3/8" ends into the "IN" and "OUT" ports of the water filter. Wrench tighten the fittings into the water filter until secure.



Step 11

Position unit

Position water filter onto the mounting screws in the wall. Secure the water filter to the wall by tightening the screws.



Step 12

Connect supply tube and faucet supply

Connect the supply tube from the saddle valve to the "IN" side of the water filter. Slide brass compression nut onto the plastic tubing. Then slide on the white compression sleeve and place the brass insert into the end of the tube. Push tube into the fitting and slide the compression nut forward. Hand tighten the compression nut. Fully tighten with a wrench.

Connect the faucet tube from the OMNI faucet to the "OUT" side of the water filter. Follow the same instructions as above.

Step 13

Open the valve

Turn saddle valve handle clockwise to pierce the water supply line. After piercing the water supply line, turn valve handle counter clockwise to open the valve.

Do not use before flushing. Proceed to Step 14.

FLUSHING THE OT5

Step 14

Preparing water filter for use

Depress round pressure relief button on top of each water filter to release excess air. If any leak occurs, close shut-off valve. Retighten leaking fitting to stop leak. Reopen shut-off valve and again depress pressure relief buttons. Once leakage is stopped, lift the handle of faucet for continuous flow.

Flush GAC1 cartridge individually until water runs clear, then put all cartridges in the water filter.

Allow water to run approximately 30 minutes to flush y fine particles of filter material out of the cartridges. If cloudy, the water will clear quickly. Shut off the faucet after 30 minutes.

NOTE: Excess air bubbles may be released from faucet for one week or so until filter has become thoroughly saturated. This completes the flushing procedure, the unit is now ready for use! It is normal to see cloudy water when the cartridge(s) are new. To reduce the cloudiness of the water after cartridge changes, allow the water to run for 5 to 7 seconds before each use. The cloudiness is caused by the air that is released from the carbon between uses.

This unit is designed for cold water use only.

Notices

- Install this unit on COLD WATER lines only. Do NOT install this unit on a hot water line.
- Do not use pipe dope.
- This unit is not designed to filter sulfur (rotten egg odor). Use of carbon filters to treat sulfur may intensify taste/odor problems.
- Do not install this unit where it will be exposed to direct sunlight, excessive heat or freezing temperatures.
- This unit is not intended to be used where water is microbiologically unsafe or with water of unknown quality without adequate disinfection before or after the unit.
- Do not install on water lines over 100 psi.
- Please comply with all state and local laws and regulations regarding the installation of water treatment devices.
- The contaminants or other substances removed or reduced by this water filter device are not necessarily in your water.
- Use of any cartridge other than OMNI will void your warranty.

It is recommended that, before purchasing a water filter unit, you have your water supply tested to determine your actual water treatment needs. Performance of water treatment units may vary based on local water conditions. Following the operation, maintenance and replacement requirements is essential for the products to perform as sold.

Parts List

	Qty	Part	Part No.
A	1	Saddlevalve Kit	11310
B	2	1/4" Compression Nuts	11115
C	2	1/4" Compression Sleeves	12310
D	3	1/4" Brass Inserts	12320
E	2	3/8" – 1/4" Compression Fittings	11156
F	3	Head Assembly	13110
G	3	Cartridge Tanks	13210
H	2	1/4" Plastic Tubing	15100
I	3	Tank O-Ring	19125
J	1	Faucet Kit	63510
k	1	Omni Wrench	13500
l	2	Bracket Screws	11920

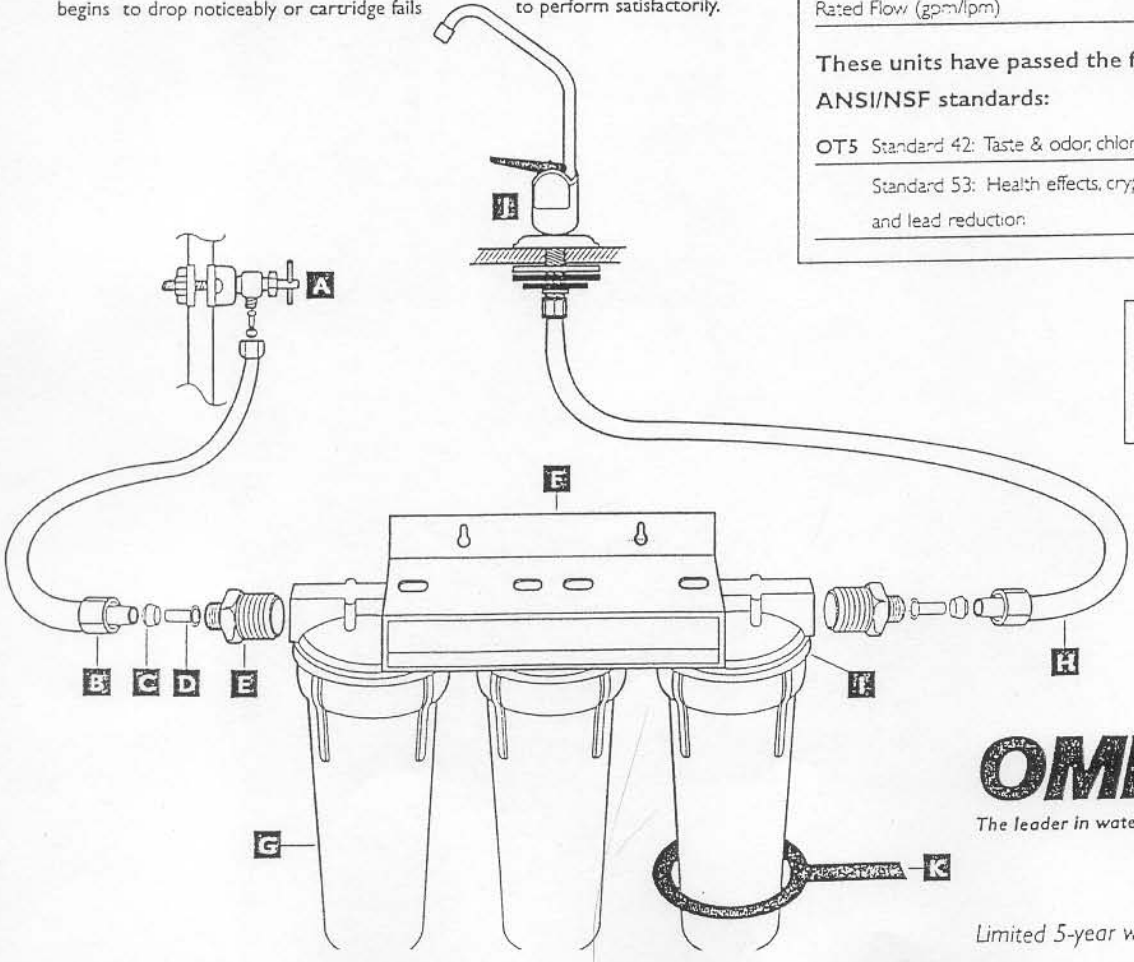
When to Change Cartridge

CB1 Normally, cartridge should be changed at a maximum of 1000 gallons or 6 month intervals.

GAC1 Normally, cartridge should be changed at a maximum of 1000 gallons or 6 month intervals.

CB3 Normally, cartridge should be changed at a maximum of 600 gallons or 4 month intervals.

Usage and quality of water in your incoming line determines when your cartridge should be changed. Replace sooner if water pressure at faucet begins to drop noticeably or cartridge fails to perform satisfactorily.



Operation/Maintenance Requirements

These units are intended for non-commercial use. They should be used only in ambient air temperatures of between 35°F and 100°F and water temperatures between 35°F and 100°F. Placement of these units in direct sunlight or use of electrical heating equipment on these units must be avoided. Replace filter cartridges when and as directed in the installation/operation instructions included with each cartridge.

Omni Replacement Cartridges

Filter Cartridge	Average Cartridge Life*	Flow Rate†	Micron	Reduces Rust & Sediment	Improves Taste Reduces Bad Odor & Chlorine	Reduces Lead	Reduces Cryptosporidium & Giardia Cysts
RS2	4 mos.	5 gal/m	5	■			
GAC1	6 mos.	.5 gal/m	50	■	■		
CB1	6 mos.	.5 gal/m	1	■	■		■
CB3	4 mos.	1 gal/m	0.5	■	■	■	■

Performance Data

Operating Pressure	25–100PSIG/1.9-7.04 kg/cm
Operating Temp	25°F–100°F/2°C–39°C
Rated Flow (gpm/lpm)	0.5/1.9

These units have passed the following ANSI/NSF standards:

OT5 Standard 42: Taste & odor, chlorine reduction class I

Standard 53: Health effects, cryptosporidium, giardia cyst reduction and lead reduction

Questions...call:

1-800-937-6664

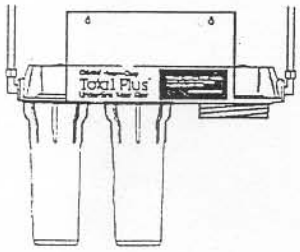
OMNIFILTER®

The leader in water filtration for over twenty-five years

Limited 5-year warranty

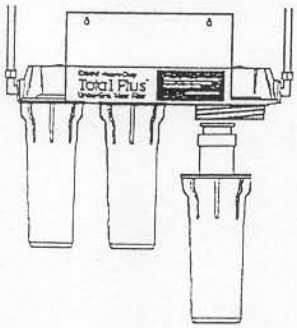
4/97 OT5

Flushing the OT5



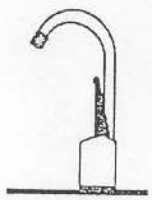
Place 2 of the cartridge tanks on the left side of the head assembly empty (without cartridges), be sure the O-rings are in place. Hand tighten both tanks.

DO NOT USE THE WRENCH TO TIGHTEN THE TANKS



Cartridge flushing

Place the BC1 (ceramic) cartridge into the remaining tank, be sure the outlet holes are on the top. Place the tank onto the head assembly and hand tighten, be sure the O-ring is in place.

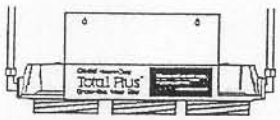


Open faucet

Open the faucet connected to the unit, if using the supplied faucet, lift the handle for continuous flow.

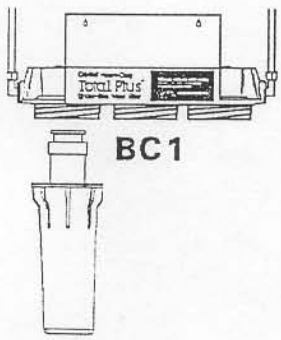
Slowly turn the water supply on, let the water run for 3 minutes, turn the water on and off several times at the faucet to help remove media fines. Turn the water supply valve off and open the faucet (to relieve pressure), remove the cartridge tank.

Repeat steps 18 thru 20 for both of the other cartridges one at a time.



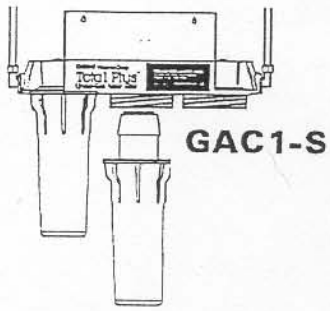
Remove tanks

When all of the cartridges have been flushed, turn the water supply off, open the faucet and remove all of the cartridge tanks.



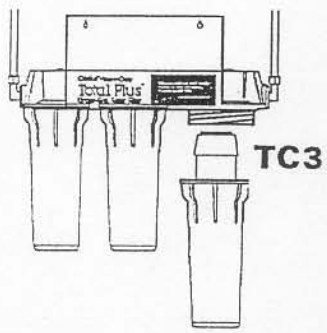
Install BC1

Put the BC1 (ceramic) cartridge into a cartridge tank (be sure the outlet holes are facing up, and the tank O-ring is in place. Place the tank on the left side of the head assembly. Hand tighten only.



Install GAC1-S

Place the GAC1-S (blue) cartridge into a cartridge tank, with the rubber gasket up, be sure the tank O-ring is in place. Place the tank on the center of the head assembly. Hand tighten only.



Install TC3

Place the TC3 (greenish blue) cartridge into the remaining cartridge tank, rubber seal up, be sure the O-ring is in place. Place the tank on the right side of the head assembly. Hand tighten only.

This completes the flushing procedure, the unit is now ready for use!

It is normal to see cloudy water when the cartridge(s) are new.

To reduce the cloudiness of the water after cartridge changes, allow the water to run for 5 to 7 seconds before each use. The cloudiness is caused by air that is released from the carbon between uses.