

Undercounter Water Filter System



APEX WATER FILTERS, INC.

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Inspect the System before Installation:

Please inspect the System and all the connection fittings carefully, and make sure there is no damage during the shipping. If you find a damaged or broken part, please DO NOT proceed with the installation, and contact us for a replacement, broken part or assistance via **1 (844) 338-5520**.

General Installation and Maintenance Requirements:

- Please make sure that the installation complies with State and local laws and regulations.
- Do not use with the water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after system.
- System must be installed indoor.
- It is recommended that installation of the water filter be done by a professional plumber.



Important !

It is recommended to change the 3 filters at least every 6-8 months. It is advised to change them on time to avoid any damages to the System. It is advised to use APEX replacement filters. Using 'non-APEX' and poor quality filters may clog the system.

Visit us on www.apexwaterfilters.com or call us at **1 (844) 338-5520**.

- A** Water supply adapter valve
- B** Cold water shut-off valve
- C** Drinking water faucet
- D** Garbage disposal
- E** Pre-filter sumps

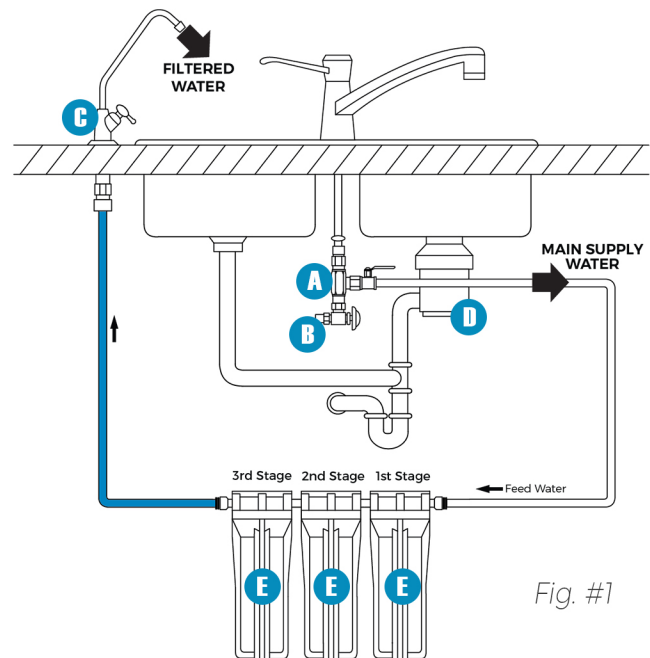


Fig. #1

INSTALLATION INSTRUCTIONS

Tapping into the cold water line

(Using the water supply adapter model FW 1)

NOTE: The drinking water system must be connected to the COLD water supply only.

- 1** Turn off the cold water supply to the sink faucet by locating the Round or oblong handle on the right side of the sink cabinet and Turning clockwise until the water supply is off.

NOTE: If the cold water shut-off valve fails to turn off the water, the house water supply can be turned off at the main water supply.

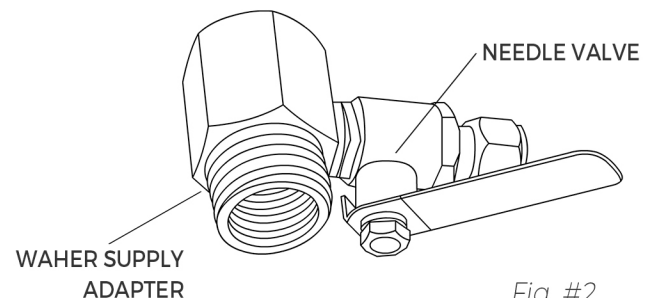


Fig. #2

- 2** The water supply adapter can be installed at the faucet Connection (A of Fig. #1) of the cold water line or at the shut-off Valve connection (B of Fig. #1).
- 3** Disconnect the threaded nut at the connection and thread the water supply adapter, with the flat washer in place, onto the connection and tighten. Connect the white tubing to the water supply adapter with the treaded nut and tighten.
- 4** Thread the needle valve into the adapter tightly and turn the handle clockwise all the way in. Turn on cold water supply to the sink faucet and check for leaks.

Drilling the hole for the faucet

NOTE: Safety glasses should be worn to protect your eyes while drilling the faucet hole.

- 1 For best results, a ½" carbide-tipped drill bit should be used to drill a hole into your sink for the auxiliary faucet.
- 2 Carefully select the faucet location making sure it will have a neat water fall pattern and that the faucet stud will be accessible from below once the hole is completed.
- 3 For Porcelain Sink: Before starting the drill motor, apply firm downward pressure on the bit until a crunching occurs. This will help keep the drill bit from moving.
- 4 For Stainless Steel Sink: Before using a ½" carbide drill bit, an indent should be made with a center punch to keep the drill bit from moving. A small pilot hole will also aid the ½" drill bit.
- 5 For best results, keep steady firm pressure during the start of the hole will cause excess wear on the bit and progress will be slow.
- 6 Once the hole is complete, clean the area of metal chips and roughness around the hole. Metal chips will stain Porcelain.

Mounting the faucet

Your unit comes complete with a long reach faucet.

NOTE: Air gap option installation instructions are available upon request.
The following instructions is for non-air gap option.

- 1 Slide chrome cover plate and rubber gasket onto stem of faucet and place faucet onto sink with the stem going through the hole.
- 2 Place metal washer and lock washer over threaded stem of faucet and tighten nut from under the counter surface to lock the faucet into place.
DO NOT OVER TIGHTEN.
- 3 Connect the blue tube to the faucet stem under the counter and tighten.

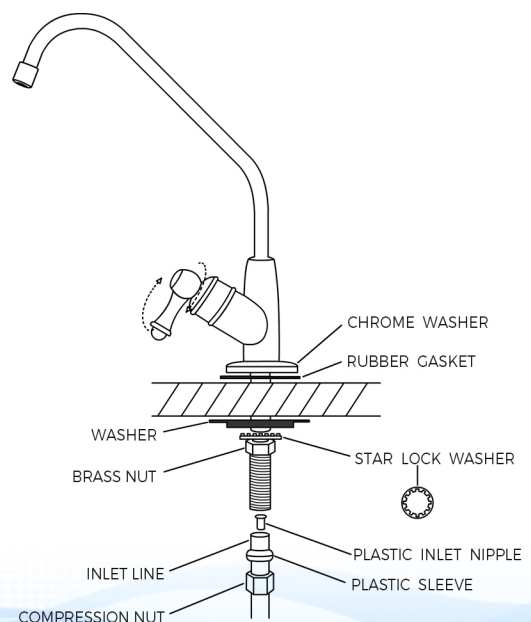


Fig. #3

Positioning the system

The head assembly will stand up in the sink cabinet or can be hung on screws provided.

CONNECTING THE SYSTEM

Use the color coded tubing to make the following connections:

- The **white** tubing connects the water supply adapter to the inlet side.
- The **blue** tubing connects the faucet to the outlet side.

START-UP PROCEDURE

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

If you have any difficulties with the installation, or require additional information on your unit, please consult with our factory technicians.

We thank you for purchasing our Undercounter Water Filter unit for your high quality processed drinking water. In order to maintain this high quality water, it is important that scheduled maintenance be followed.

RECOMMENDED SYSTEM MAINTENANCE

To properly maintain your APEX drinking water system, please use only genuine APEX water replacement filters at www.apexwaterfilters.com or call us at **1 (844) 338-5520**.

Filter Model	Filter Stage		
	Stage 1 [750 gallons or 6 months]	Stage 2 [750 gallons or 6 months]	Stage 3 [750 gallons or 6 months]
MR-2020	RF-1000	RF-1010	-
MR-2030	RF-1000	RF-1010	RF-1010
MR-2031	RF-1000	RF-1010	RF-1021
MR-2032	RF-1000	RF-1010	RF-1050
MR-2033	RF-1000	RF-1010	RF-1015

CHANGING THE FILTER CARTRIDGES

CAUTION

Any replacement filter not recommended by the factory can cause severe damage to the system and voids all warranties.

- 1 Shut off the feed water to the system by turning the saddle valve on the water supply adapter clockwise until it stops.
- 2 Open the faucet to relieve pressure.
- 3 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.
- 4 Remove the old filter and gaskets (if any) and insert the new filter.
- 5 Replace the sump onto the cap by turning it to the right (clockwise) until the O-ring makes firm contact, like an oil filter on a car. **DO NOT OVER-TIGHTEN.**
- 6 Turn on the feed water to the system by turning the saddle valve at the water supply adapter counter- clockwise.

TROUBLESHOOTING

Leaks

- 1 Filter sump: The O-ring in the sump may not be making firm contact, have dirt or hair on it or be stretched. Clean or replace O-ring and tighten sump to make firm contact with cap.
- 2 Fitting Connection: Compression - Check that the fitting is tightened with all parts in proper place (refer to Fig. #3).

CUSTOMER SATISFACTION IS OUR PRIMARY CONCERN,
PLEASE CALL IN THE EVENT THERE IS A SERVICE PROBLEM.

Notice: Your system has been thoroughly tested and inspected for production, and leaks at our factory. Therefore, it might have some water in it.

Warning: Do not use this system if feed water has biological contamination or of unknown source. For operating parameters, please contact our technical support department.

