

Overview

Thank you for your purchase of a state of the art Water Treatment system.

Your new system is equipped with a high capacity Carbon Fiber filter with Lead, Cyst, Sediment and Chlorine reduction capability. The H2O-DWCFL100 water filtration unit provides clean, clear, great tasting water to your existing faucet and has a 4,000 gallon filtration capacity. System is certified to reduce Lead, Cyst, Sediment and Chlorine.

Simple under sink installation, only requiring standard household tools, allows changing of the filter with just a quarter turn.

System Maintenance

It is important to change filters at the recommended interval indicated in this manual. Many contaminants are not detectable by taste. In addition, other bad tastes and odors may become apparent over time if filters are not replaced.

When replacing any of the filter elements, pay special attention to any cleaning instructions. Should you have any further questions, please call our retail customer service at (888) 321-0500.

Operational Parameters

NOTICE

Installation must comply with state and local plumbing regulations.

Call customer service if you need assistance with technical details.

Operation	Maximum	Minimum
Operating Temperature:	100°F (37.8°C)	35° F (1.7°C)
Operating Pressure:	125 psi (862 kPa)	10 psi (69 kPa)
pH Parameters:	10	5
Flow Rate:	1.5 gpm	

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Installation Precautions

NOTICE

- System is intended to be installed on the cold water line ONLY. Do not use hot water supply
- Do not install if your water lines are susceptible to water hammer
- System to be used with municipal or well water sources properly treated and tested on regular basis in insure suitable and non-adverse water conditions, including bacteriological safe quality.
- Filter housing must be protected against freezing temperatures, frost, snow, sleet and ice. Exposure to these elements can damage the housing and lead to water damage.
- This product has a limited service life. We recommend that a record be kept regarding the date of install and any other performance maintenance. Because of the products' limited service life and to prevent costly repairs or possible water damage, we strongly recommend that the head be replaced every ten years.
- Turn off water supply to head and remove the cartridge if it must be left unattended for an extended period of time.
- After prolonged periods of non-use (such as vacation) it is recommended that the system be flushed thoroughly. Let water run 5 - 6 minutes before using
- The filter recommended for use with this system carries a limited service life. Changes in taste, odors, color and/or flow of the water being filtered indicates that the cartridge should be replaced.
- Make certain that installation complies with all state and local laws and regulations.
- If you have anything other than flexible hose under your sink, check to see if you need to purchase special fittings prior to starting install.

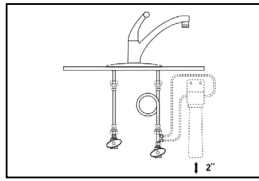
Contents of Under Counter System

Please make sure all of the items listed below are contained in the box. If any of the items are missing please contact Customer Service at (888) 321-0500 prior to installing.

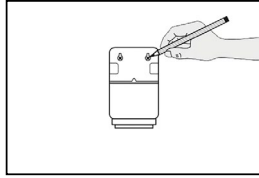
- System Head with Attachable Bracket
- Model H2O-F46 Lead Reduction Filter in separate box inside system box
- 3/8" Kitchen Faucet Adapter
- Mounting Screws
- 3/8" Plastic Tubing

System Module Mounting

Step 1 - Mount the system to one side of the cabinet allowing 2" of clearance below the filter for easy filter removal and replacement.



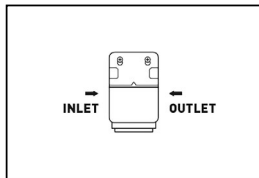
Step 2 - Using the mounting bracket, mark with a pencil the holes for the mounting screws on the wall surface.



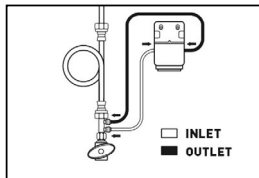
Step 3 - Using a 1/8" drill bit, drill pilot holes for the mounting screws. Insert mounting screws into the wall with a screwdriver leaving approximately 3/8" of each mounting screw exposed and hang system head on the mounting holes of the bracket.

Inlet and Outlet Tube Connection - Filtration System

Step 1 - Determine two different lengths of 3/8" tubing needed to connect the system head inlet and outlet to the kitchen faucet adapter (reference image for inlet and for outlet locations and directions on the right for cutting and installing the tubing). Be sure to allow enough tubing to prevent kinking in the line.



Step 2 - Wet one end of the 3/8" plastic tubing with water and push it into the inlet side of the system head approximately 5/8" until it stops. Connect the other end of the tubing to the inlet side of the kitchen faucet adapter. Refer to Quick-Connect instructions on the right for more detail.



Step 3 - Repeat same process with outlet side.

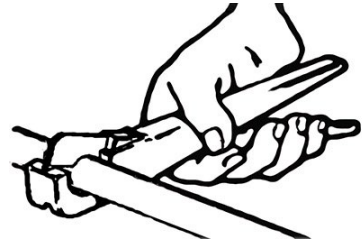
NOTICE

Reference image for inlet and outlet locations.

Using Quick-Connect Fittings

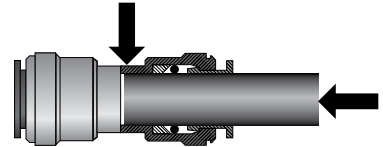
Cutting

Cut the tube square. It is essential that the outside diameter be free of score marks, and that burrs and sharp edges be removed before inserting into fitting.



Connecting

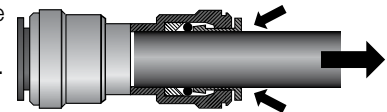
Make certain to push the tubing completely into the connector until it comes into contact with the internal tubing stop. The collet (gripper) has stainless steel teeth which hold the tube firmly in position while the O-ring provides a permanent leak proof seal.



Pull on the tube to check that it is secure. The system must be tested prior to leaving the site and/or before use.

Disconnecting

To disconnect, ensure the system is depressurized before removing the tube. Push in collet squarely against the face of the fitting. With the collet held in this position, the tube can be removed. The fitting can then be reused.



System Start Up

Step 1 - Turn on water supply at cold water angle stop. Turn cold water faucet handle to the open position to start the flow of water through the unit. Run 20 gallons of water through the unit in order to flush out the normal black carbon fines (it will "sputter" until the air is purged out) from the unit. A container with a known volume can be filled to determine how much water has flushed through the system. Initially, the water may appear cloudy which is due to tiny air bubbles and it will clear up shortly. Close the faucet when finished.

Step 2 - Check for leaks. If you have any leaks, shut off the water supply to your system, tighten any fittings then turn the supply back on.

NOTICE

Check frequently over the next 24 hours to ensure no leaks are present

Product Registration

To Register your product, please visit www.watts.com/pureh2o and select "Register Now". Registration is in accordance with our Privacy Policy and Terms of Use. See our Privacy Policy at - <http://www.watts.com/privacy.asp>

See Terms of Use at - <http://www.watts.com/terms.asp>

Filter Maintenance

Replacement Filter: H2O-F46 Lead Reduction Filter

(6-Months - H2O-F46, EDP#7400356)

Remove completely and buy replacement.

Step 1 - Turn off incoming water supply to the filtration unit.

Step 2 - Open the cold water faucet handle to relieve the water pressure.

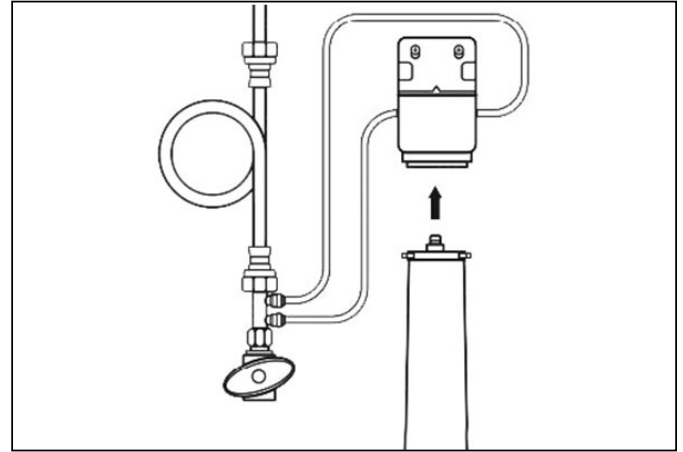
Step 3 - Remove the filter from the head by turning to the left, then pulling downwards. Discard the old filter.

Step 4 - Remove filter cartridge from filter cartridge box inside system box

Step 5 - To install new filter cartridge, with the filter label facing approximately 45 degrees to the left, push the filter into the filter head and twist it to the right until the filter locks in and the label on filter is facing the front.

Step 6 - Follow start-up procedure.

Filter Replacement



NOTICE

Mark the date the filter is installed on cartridge label

Troubleshooting

LEAKS BETWEEN THE SYSTEM HEAD ASSEMBLY AND THE FILTERS:

1. Turn off water supply to the filter and dispense water from kitchen faucet until water and airflow stops.
2. Remove cartridge and inspect O-rings to make sure they are in place and clean.
3. Install cartridge, turn on water supply and check for leaks.

LEAKS AROUND THE FITTINGS:

1. Turn off water supply to the filter to relieve pressure.
2. While pulling the 3/8" plastic tubing with one hand, press in on the collar around the inlet and/or outlet fitting. Check to make sure that the 3/8" plastic tubing is cut squarely and that it is not scratched or crimped. If the 3/8" plastic tubing is unevenly cut or scratched, cut off 1/2" to 5/8" and re-install tubing.
3. Turn on water supply and check for leaks.

LEAKS ON THE KITCHEN FAUCET ADAPTER CONNECTION:

1. Turn off water supply to the filter to relieve pressure.
2. Locate the kitchen faucet adapter.
 - If the 3/8" plastic tubing is leaking, follow the previous steps ("Leaks around the fittings").
 - If the thread between the kitchen faucet adapter and cold water line is leaking, tighten more securely. If leaking continues, apply plumbers tape to threads and tighten.
3. Turn on water supply and check for leaks.

If leaks persist, or if there are other leaks on system, turn off water supply. Contact Customer Service or Technical Support Team at (888) 321-0500.

