



DR. MERCOLA[®]

Fluoride Removal Full Spectrum
Under-Counter Water Filter

User Manual

CONTENTS

1. WATER FILTRATION SYSTEM	3
2. FEATURES	4
3. SPECIFICATIONS	5
4. PARTS	6
5. USAGE GUIDELINES AND PRECAUTIONS	7
6. INSTALLATION GUIDELINES	9
7. OPERATING INSTRUCTIONS	14
A. CLEANING THE FAUCET	14
8. EASY REPLACEMENT FILTER SYSTEM	15
9. REPLACING THE FILTER	16
A. INSTALLING AND REPLACING BATTERY	16
B. RESETTING LED FILTER LIFE INDICATOR	17
10. TROUBLESHOOTING	18
11. WARRANTY	19

WATER FILTRATION SYSTEM

Dr. Mercola's Fluoride Removal Full Spectrum Under-Counter Water Filter provides broad based contaminant removal. Independently tested against 172 contaminants, with a reduction up to 99.9% including fluoride! Includes a .01 micron hollow membrane filter which targets microbial contaminants such as bacteria, viruses, cysts and fungi.

1 Sediment Shield

2 .5 Micron Carbon Block

Reduces a wide range of contaminants up to 99.9% including:

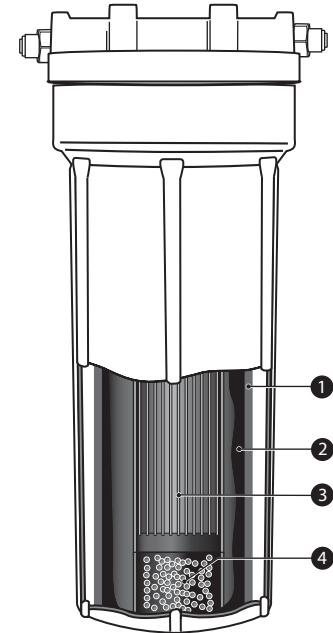
- Heavy Metals such as arsenic and chromium
- Pesticides and herbicides
- Pharmaceuticals
- Fluoride and Chlorine

3 .01 Micron Filtration

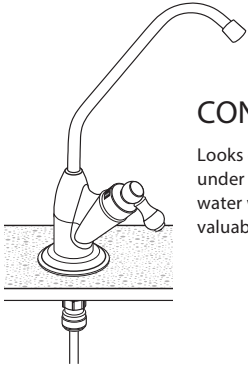
Reduces virtually all micro-organisms such as viruses, bacteria and fungi.

4 Filter Media:

- Fluoride removal
- Wide range filtration while preserving essential minerals.

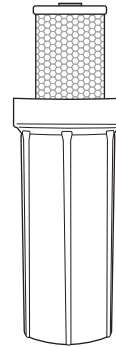


FEATURES



CONVENIENT UNDER SINK DESIGN

Looks great alongside any kitchen sink. The under sink design allows you to enjoy filtered water without a bulky filter system taking up valuable real estate on your counter top.

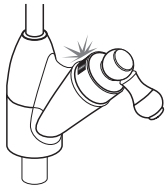


EASY REPLACEMENT FILTER SYSTEM

Comes with the filter pre-installed.

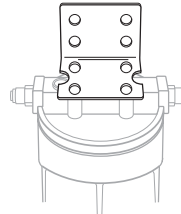
Once the filter needs to be replaced, re-installation is easy.

Use Full Spectrum Under-Counter Water Filter replacement filters only.



LED FILTER LIFE INDICATOR

The Full Spectrum Water Filter has a built in LED filter life indicator function reminding you to replace the filter after 250 gallons.



OPTIONAL WALL MOUNT BRACKET

The option to mount the water filter housing allows for more space under the sink.

SPECIFICATIONS

Model	Fluoride Removal Full Spectrum Under-Counter Water Filter
Weight	Unit: 4.35 lb (1.97 kg) Unit with Box: 5.75 lb (2.6 kg)
Dimensions (W x D x H)	Faucet: 2.25" x 6" x 13.25" (58 mm x 153 mm x 337 mm) Housing: 4.5" x 4.5" x 11.5" (115 mm x 115 mm x 293 mm) Box: 14.75" x 12.5" x 5.5" (375 mm x 318 mm x 140 mm)
Installation Type	Under-counter direct connection to cold water
Nominal Water Pressure	14 psi (9,842.95 kgf/m ²)
Optimal Water Pressure	20 - 60 psi (14,061 - 42,184.09 kgf/m ²)
Temperature Operating Range	33°F - 95°F (1°C - 35°C)
Flow Rate	0.4 - 0.66 GPM (1.5 - 2.5 LPM) 2 LPM with typical water pressure (35 psi to 60 psi)
Filter Life and Method	250 gal (946 L) Change when LED filter life indicator flashes red
Pressure	Up to 90 psi (63,276.3 kgf/m ²)
Retains Essential Minerals	Calcium, Magnesium, Potassium

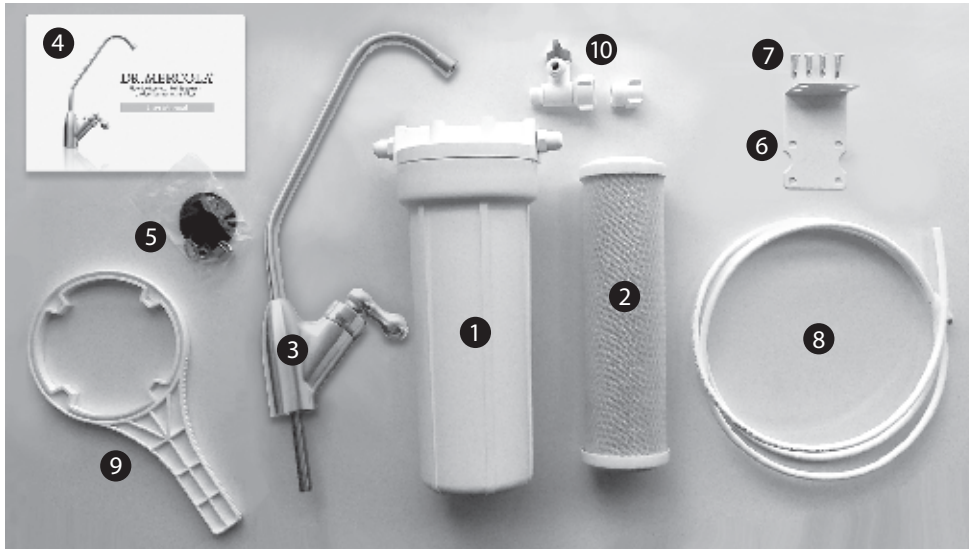
POTABLE WATER ONLY

The Full Spectrum Water Filter is intended for use with treated (potable) water supply only.



PARTS

The following parts are shipped with your new Full Spectrum Under-Counter Water Filter.



- ① Water Filter Housing
- ② Full Spectrum Filter (already inside housing)
- ③ Faucet
- ④ User Manual
- ⑤ Installation Hardware
- ⑥ Wall Mount Bracket
- ⑦ Wall Mount Screws (4)
- ⑧ 3.8 ft/1.2 m White Inlet Hoses (2)
- ⑨ Housing Wrench
- ⑩ Angle Stop Adapter (T-Valve) with 1/2" x 3/8" Adapter

USAGE GUIDELINES AND PRECAUTIONS

WELCOME

We are interested in your safety while using Dr. Mercola's Full Spectrum Under-Counter Water Filter. We have included these general safeguards; please take the time to carefully read them. They provide important information regarding safe use and general maintenance of the appliance. Nonobservance of these safeguards may compromise the safety of the appliance, result in injury, and/or void the warranty.

IMPORTANT SAFEGUARDS

READ AND SAVE THESE INSTRUCTIONS

1. Keep this Owner's Manual safe for future reference.
2. To avoid accidental injury, close supervision is necessary when appliance is used by or near children.
3. Do not operate appliance with any visible damage to the appliance itself, after appliance malfunctions, or after the appliance has been dropped or damaged in any way.
4. The use of attachments not recommended or sold by Natural Health Partners, LLC may cause a fire, electrical shock, or injury.
5. The Full Spectrum Under-Counter Water Filter is designed for household use only. Do not use outdoors.
6. Only connect to a treated water supply (potable water).
7. For optimum filtration, connect to a water supply with normal household water pressure.
8. Do NOT use with hot water. Connect to a cold water supply only and install in an environment ranging between 33°F and 95°F only.
9. Protect the appliance and water lines from freezing temperatures.
10. Do not attempt to clean the expired filter as this may cause water to be re-contaminated during continued use.
11. Only install as directed in the manual. A licensed plumber is recommended when plumbing to a cold water line using an Angle Stop Adapter or T-Valve.
12. Do not expose to force or shock. Do not place objects on top of the unit as to obstruct the unit in any way.
13. Do not close, bend, pinch, press or otherwise obstruct the inlet or output ports or hoses.
14. Do not interfere with filter during operation.
15. To clean the exterior, wipe surfaces regularly with a soft cloth or sponge using only warm, soapy water. Do not use harsh cleaners, bleach or benzene-based solvents, as it may result in scratches to the finish.
16. If you plan on not using your Full Spectrum Under-Counter Water Filter for an extended period of time (more than 3 weeks), remove the filter, let it drain, and then store it in a plastic bag in your refrigerator.
17. Do not place on or near a hot gas or electric burner, or in a heated oven.

IMPORTANT SAFEGUARDS

18. Never move the appliance when it is operating.
19. Follow the cleaning instructions in this manual.
20. STORE OUT OF THE REACH OF CHILDREN.
21. Do not use the Full Spectrum Under-Counter Water Filter for anything other than the intended use.
22. After unpacking the appliance, check unit to be sure that it has been received undamaged and that no parts are missing.
If you are in any doubt, contact Mercola Customer Service at (877) 985-2696.
23. Before installing, check the plumbing system and under sink area to ensure hardware is safely installed. It is the customer's responsibility to have the appliance installed properly. If lacking the appropriate tools for installation, we recommend using a licensed plumber.
24. Do not use other hardware (screws, brackets, adapters, etc.) other than the ones provided with the unit for mounting to ensure proper installation.
25. Household installation must be carried out in accordance with manufacturer's instructions. Mercola is not responsible for any damage or injuries to persons, animals or objects caused by incorrect use or installation including but not limited to water damage due to leakage.
26. To uninstall the appliance, we recommend using a licensed plumber.

INSTALLATION GUIDELINES

STEP 1 – FAUCET LOCATION

- 1 Use an existing soap dispenser hole or drill a 1/2" hole in the sink or countertop where you plan on installing your faucet.

STEP 2 – INSTALL THE FAUCET (ABOVE THE COUNTER)

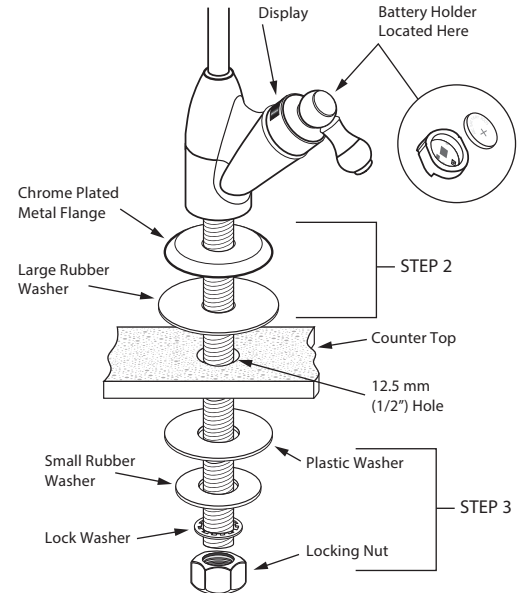
See Diagram to the right, Step 2

- 1 Slide the chrome plated metal flange and the large Rubber Washer onto the threaded mounting shaft of the faucet.
- 2 Insert the threaded mounting shaft of the faucet through the 1/2" hole at the sink. (Faucet now resting in the 1/2" hole.)

STEP 3 – SECURE FAUCET TO SINK (UNDER THE COUNTER)

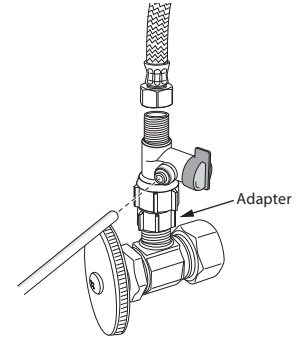
See Diagram to the right, Step 3

- 1 From under the counter, install the plastic washer, then the small rubber washer onto the threaded mounting shaft.
- 2 Thread the lock washer onto the threaded mounting shaft.
- 3 Thread the locking nut onto the threaded mounting shaft and tighten to secure the faucet to the sink.



STEP 4 – INSTALL THE ANGLE STOP ADAPTER (T-VALVE) TO COLD WATER LINE

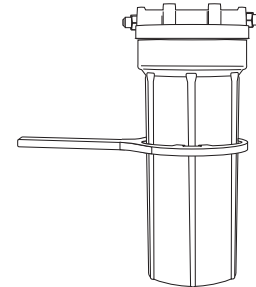
- 1 When installing the Angle Stop Adapter (T-Valve) to the cold water line, you may need to use the 1/2" x 3/8" Adapter and Teflon tape.
- 2 Turn off cold water, install T-Valve. Make sure T-Valve is turned to "Off" position. Leave cold water off until installation is complete.



STEP 5 – INSTALLING THE FILTER

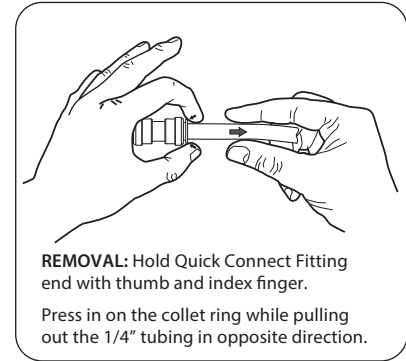
Skip this step if your filter is already installed

- 1 Using the Housing Wrench loosen the housing canister and remove the lid.
- 2 After removing the plastic wrapper from the replacement filter, install the Full Spectrum Water Filter replacement filter into the inside of the housing canister. Ensure the top of the replacement filter is facing towards the housing canister lid by following the direction of the sticker on the replacement filter that says "This End MUST Face Lid". Remove this sticker prior to installing. Replace the lid.
- 3 Tighten the housing canister by using the Housing Wrench. (It is very important to ensure the lid is properly closed, but NOT over-tightened, to prevent leaking and water damage.)



STEP 6 – INSTALL TUBING FROM ANGLE STOP ADAPTER (T-VALVE) TO FULL SPECTRUM WATER FILTER HOUSING

- 1 Screw in Quick Connect Inlet Fittings into both sides of the Full Spectrum Water Filter housing lid.
- 2 Using a sharp knife and the 1/4" tubing provided, carefully cut a length of tubing to the proper length to connect the Angle Stop Adapter to the Full Spectrum Water Filter canister.
- 3 Insert one end of the tubing into the Quick Connect Fitting on the Angle Stop Adapter and the other end into the Quick Connect Fitting labeled "IN" on the Full Spectrum Under-Counter Water Filter housing lid.

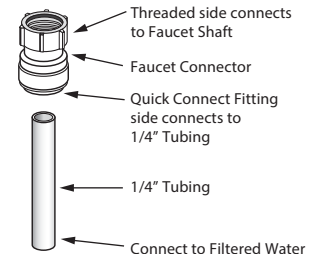


STEP 7 – INSTALL TUBING FROM FULL SPECTRUM WATER FILTER HOUSING TO THE FAUCET

See Diagram to the right

- 1 Using the 1/4" tubing provided, cut the length of tubing needed to connect the Full Spectrum Water Filter faucet.
- 2 Insert one end of the tubing into the Quick Connect Fitting on the Full Spectrum Water Filter Housing lid labeled "OUT".
- 3 Thread the Faucet Connector, included in the installation hardware bag, onto the Faucet Shaft. Hand tighten it.
- 4 Grasp the end of the 1/4" tubing from the Full Spectrum Water Filter Housing and insert tubing into the Quick Connect Fitting of the Faucet Connector. Press firmly to ensure proper connection. To test, give it a gentle tug.

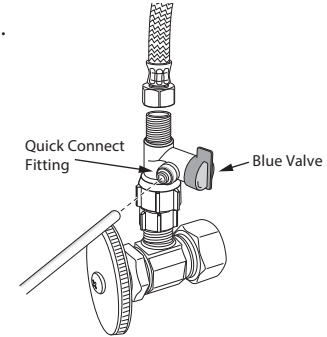
NOTE: The tubing must be connected to the cold water line and NOT the hot water line.



STEP 8 – FLUSHING THE FULL SPECTRUM WATER FILTER

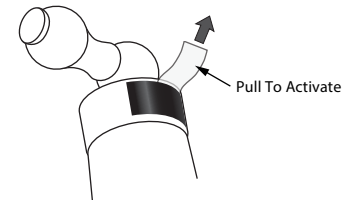
Water may be cloudy from carbon dust when a new replacement filter is installed or when existing filter has not been used for an extended period of time (3 weeks). This is normal and harmless. Be sure to sufficiently flush your new filter before filtering water to drink by doing the following:

- 1 Turn the source of water on. Then open the blue valve on the Angle Stop Adapter (T-Valve).
- 2 Turn on the Full Spectrum Water Filter Faucet and allow water to run for 1-2 minutes to flush the filter or until the water runs clear.
- 3 During this time, check all connections for leaks.



STEP 9 – ACTIVATING THE BATTERY

- 1 The Full Spectrum Water Filter faucet comes with the battery pre-installed.
- 2 To activate the battery, simply pull the plastic tab on the faucet handle.
- 3 The battery is now activated and the LED will flash BLUE-YELLOW-YELLOW-BLUE.

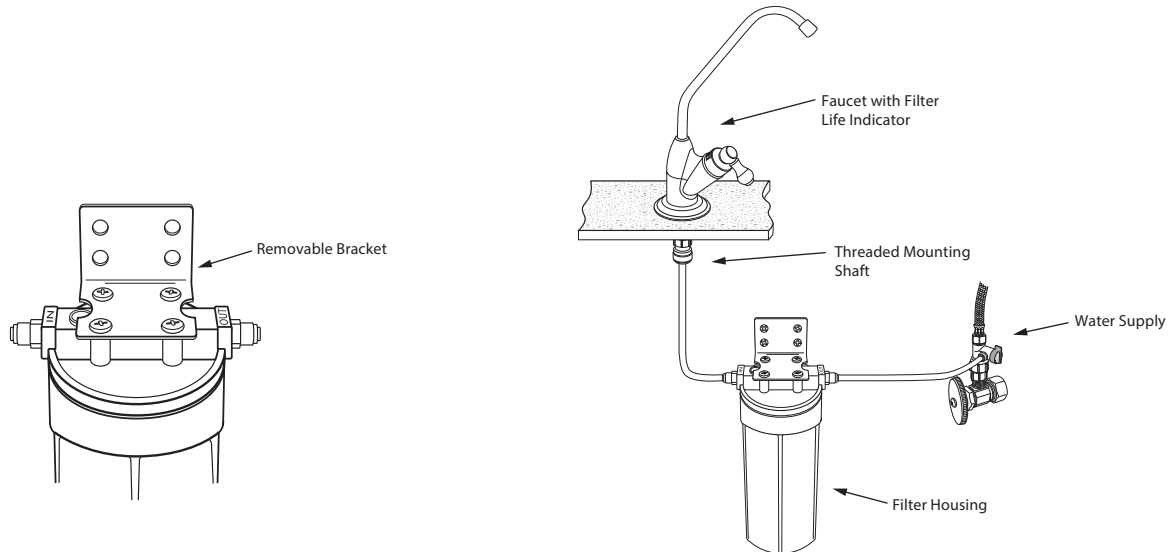


WALL MOUNT BRACKET INSTALLATION

Mounting the housing canister is optional. It can help save space, but will make changing the existing filter with the replacement filter more difficult.

Using the included mounting bracket and screws, the housing canister can be hung on the cabinet wall. If the Full Spectrum Water Filter unit is not being mounted, it can stand on the cabinet floor on the canister's lid for more stability.

CAUTION! If mounting the filter, only mount onto a side wall of the cabinet. After ensuring there are no water lines running behind the side wall of the cabinet, the wall mount bracket can be installed. DO NOT mount to the back wall of the cabinet as screws could puncture water lines.



OPERATING INSTRUCTIONS

- ① Hold a glass, water bottle or container under the Full Spectrum Water Filter faucet and turn the handle to start the flow of water. LED indicator flashes blue during operation.
- ② Turn the handle on the faucet back to the resting position to stop the flow of water.

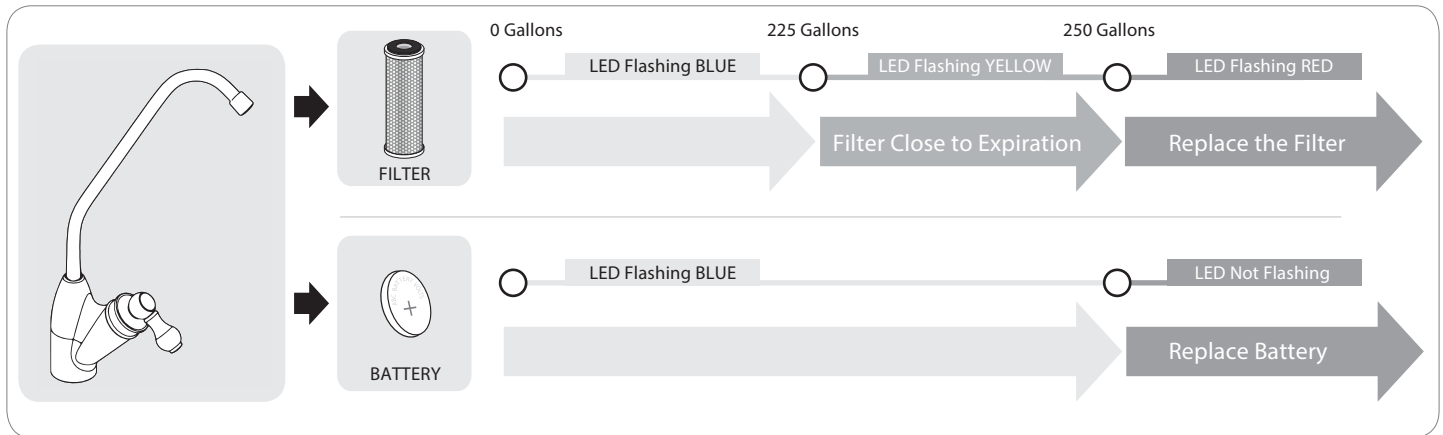
CLEANING THE FAUCET

It is important to use warm soapy water and a soft sponge or cloth for routine maintenance and care. If used with hard water, it is necessary to clean and dry faucet immediately after every use. Avoid cleaning with chemicals, solvents, or harsh detergents, as this may result in scratches to the finish.

EASY REPLACEMENT FILTER SYSTEM

LED FILTER LIFE INDICATOR

When it is time to change the water filter, use Full Spectrum Under-Counter Water Filter replacement filters only. Do not try to clean or reuse expired filters. This will cause filtered water to become re-contaminated with harmful bacteria. To place an order for Full Spectrum Water Filter replacement filters, please visit www.shop.mercola.com or contact Mercola Customer Service at (877) 985-2696.



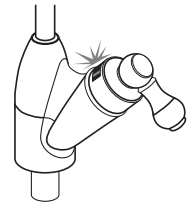
IMPORTANT:

- It is a good idea to change the battery when you replace the filter.
- LED flashing BLUE: Normal operation.
- LED flashing YELLOW: 25 gallons left until filter expires.
- LED flashing RED: Change the filter.
- LED not flashing: Change the battery.

For detailed instructions on replacing the battery see page 16.

IMPORTANT:

When replacing the battery alone, never press the Filter Life Reset Button. The faucet has an internal memory and will remember the life of the existing filter. Once the battery is installed, the LED will flash BLUE-YELLOW-YELLOW-BLUE to signal successful installation.



REPLACING THE FILTER

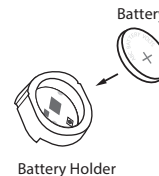
- 1 To replace the filter, use the Housing Wrench to twist open the filter's housing canister. Slide the wrench up onto the housing canister. Then hold the housing lid with one hand while turning the wrench clockwise, or towards you, with the other to open.
- 2 If the housing canister is mounted, range of motion may be limited.
- 3 Remove expired filter and install the new filter in its place. Position correctly by following the direction of the sticker on the replacement filter that says "This End MUST Face Lid". Remove this sticker prior to installing. Replace the housing lid and tighten with your hands first, then use the filter wrench to properly close. DO NOT over tighten, but ensure it is properly closed to prevent leaking and water damage.
- 4 If the 1/4" tubing was removed, reinstall by inserting the end of the tubing firmly into the Quick Connect Fitting. Give it a tug to ensure proper installation.

INSTALLING AND REPLACING BATTERY

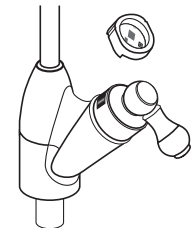
NOTE: When replacing the battery alone, never press the Filter Life Reset Button. The faucet has an internal memory and will remember the life of the existing filter.

- 1 Remove battery holder by grasping the black rubber located on the faucet handle with your fingers and pull out.
- 2 Remove old battery and dispose of properly.
- 3 Install a new battery ensuring that the positive side (+) is facing out. The LED will flash BLUE-YELLOW-YELLOW-BLUE to signal successful installation.
- 4 Reinsert the battery holder into the faucet with the positive side (+) of the battery facing out.
- 5 To test, turn the faucet on. LED should flash BLUE.

Replacement Battery Size:
CR2032



Reinsert Battery Holder



RESETTING LED FILTER LIFE INDICATOR

To reset the LED after replacing the filter, remove the battery holder from the faucet and press and hold the reset button labeled "SW1" for three seconds. The light will flash RED-BLUE-RED.

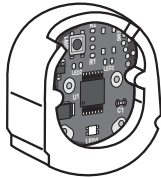
If the light does not flash when the Filter Life Indicator is reset, the battery may have died, or been improperly installed.

To replace the battery see Installing and Replacing Battery on page 16.

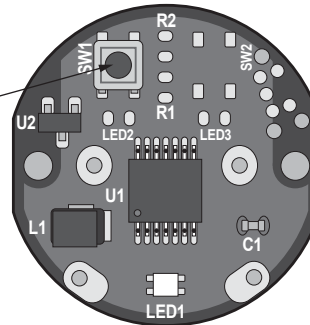
When the battery is replaced, the LED will flash BLUE-YELLOW-YELLOW-BLUE to signal successful installation.

When the faucet is running, the LED will flash blue.

NOTE: When replacing the filter, we recommend also replacing the battery at the same time; however, this is not always necessary.



Reset button for Filter
Life Indicator
(size of a pinhead)
Code SW1



Press and hold the filter reset button labeled SW1 for three seconds until it flashes RED-BLUE-RED

TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	SOLUTION
Black colored dust in the water	A new filter may release some carbon dust into the water after installation.	Flush the filter as directed on page 12. This will clear loose granulated carbon from the filter.
	If the filter has been sitting unused for multiple days at a time, the filter may release some carbon dust into the water when it is first used again.	Flush the filter as directed on page 12. This will clear loose granulated carbon from the filter.
Slow water flow	A hose may be bent.	Check that all hoses are straight without kinks or bends.
	Filter is blocked.	Replace filter.
	Filter has reached its capacity.	Replace filter.
Unusual taste, smell of chlorine or other unpleasant odor	If not used for some time, water inside the unit may develop an unpleasant odor.	Ensure inlet valve is open and flush for 5 minutes.
	Filter has reached its capacity and filtration is compromised.	Replace filter.
Water leak	Housing may not be tightly closed.	Use Housing Wrench to properly tighten the filter's housing closed. DO NOT over-tighten, but ensure it is properly closed to prevent leaking and water damage.
	Tubes or fittings not properly connected.	Check all connections.
LED Indicator is not working	Battery has died.	Change the battery.
No water flow	Source water or Angle Stop Adapter (T-Valve) is shut off.	After installation or after replacing your filter, turn source water back on and open the blue valve on the Angle Stop Adapter.
White substance suspended in filtered water	Tiny bubbles can appear to make the water cloudy.	Allow the water to sit a few minutes and check again.
Difficulty opening the battery holder	Secured tightly during manufacturing.	Use tweezers to pull back the black rubber on the faucet handle to help get a better grip and pull out.
After boiling or thawing frozen water, white sediment is observed.	Hard water caused by high mineral content in the water.	If no change in taste, likely cause is minerals affected by changing temperatures. Dr. Mercola's Full Spectrum Water Filters do not remove trace minerals in the water.

WARRANTY

ONE-YEAR LIMITED WARRANTY

Your Fluoride Removal Full Spectrum Under-Counter Water Filter is warranted to be free from all defects in material and workmanship in normal household use for a period of 1 year from date of purchase. The warranty is granted only to the original purchaser. The warranty is subject to the following provisions. This warranty does not cover normal wear and tear. Any damages or malfunctions caused by negligence, abuse, improper use, improper installation, or use not in accordance with the Owner's Manual are not covered by this warranty. This warranty does not cover damage due to leakage or water damage. If the unit is dropped, damaged, or immersed in liquids, these are not covered by this warranty. Likewise, any defects or damages caused by unauthorized service are not covered. Using this unit for commercial purposes voids this warranty. Natural Health Partners, LLC will, at its option, repair or replace the part which proves to be defective free of charge (excluding shipping if applicable) that is covered by this warranty. As a matter of warranty policy, Natural Health Partners, LLC will not refund the customer's purchase price. To obtain warranty service you must return the defective Full Spectrum Under-Counter Water Filter along with proof of purchase to Natural Health Partners, LLC. All delivery charges on parts, or units, submitted under this warranty shall be borne by purchaser. Unless this Warranty is expressly renewed or extended by Natural Health Partners, LLC, any repaired or replaced part of unit shall be warranted to the original purchaser only for the length of the unexpired portion of the original warranty.

FURTHER LIMITATIONS AND EXCLUSIONS ARE AS FOLLOWS:

Any warranty that may be implied in connection with your purchase or use of the Full Spectrum Under-Counter Water Filter, including any warranty of merchantability is limited to the duration of this warranty. Some states do not allow limitations on how long an implied warranty lasts, so the above limitations may not apply to you. Your relief for the breach of this warranty is limited to the relief expressly provided above. In no event shall Natural Health Partners, LLC be liable for any consequential or incidental damages you may incur in connection with your purchase or use of the Full Spectrum Under-Counter Water Filter. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

DR. MERCOLA®

Fluoride Removal Full Spectrum
Under-Counter Water Filter

Filter Unit Made in USA
Filter Cartridge Made in South Korea

DISTRIBUTED BY: NHP, 125 SW 3rd Place
Cape Coral, FL 33991 USA (877) 985-2696
20308-v102