

# CWR'S

**Ultra Metalgon Water Filter with  
Ceramic+ Pure Metalgon Filter**



**UNDERCOUNTER MODEL**

***Operating  
Instructions***

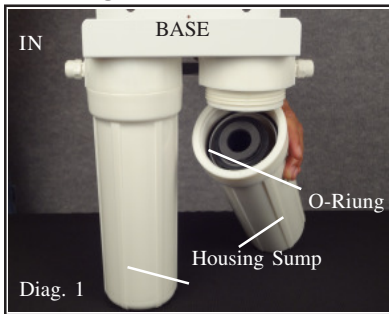
**SAVE THESE INSTRUCTIONS**

## INSTALLATION INSTRUCTIONS

*Thank you for purchasing the Crown Double Ultra Metalgon Water Filter with Ceramic and Pure Metalgon Filter. The Filter is designed to be positioned under the sink and to be used with **COLD** water only. Plumber Installation Recommended.*

**NOTE: TURN OFF WATER SUPPLY BEFORE INSTALLATION**

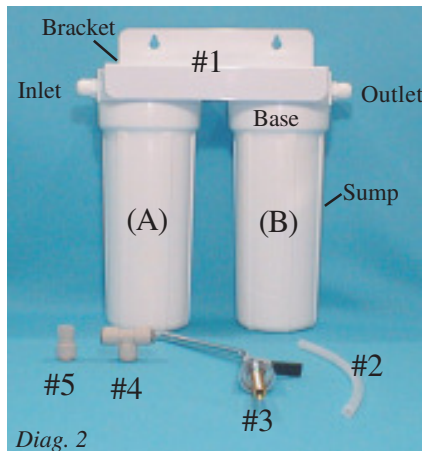
1. Take the unit and filters out of the box. Open housing (A) (Diag 2) carefully by unscrewing the housing sump clockwise from the base. Place the ceramic filter into the housing. Apply a very small amount of vaseline to coat the O-ring. Make sure the O-Ring is seated properly into the groove of the housing sump. (Diag 1). **Do not open housing B.**



**Note: A crown wrench is supplied and should be used to open and tighten housings.**

**\*\*If your water pressure is greater than 80PSI please have your Plumber add a pressure regulator.**

2. Measure the distance between the housing(1) and cold water line and cut a sufficient length of tubing (2). This will connect the housing to the water supply. **Refer to Diag 2.**



a.) Ceramic Filter    b.) Pure Metalgon Filter

## Limited One Year Warranty

The Manufacturer warrants this product, to original purchase, for one year from purchase date to be free of defects in material and workmanship.

Should a defect be discovered within one year of date of purchase, the Manufacturer agrees to repair or replace the defective part at no charge other than handling and return freight charges. The customer service department at CWR, must be contacted prior to any action in the event it is possible to correct the defect without returning the unit. All authorized product returns must be returned with all shipping charges prepaid, accompanied by proof of purchase and letter explaining unit problem to CWR.

This warranty does not apply to any unit that has been tampered with, nor to damages incurred through negligence in use, faulty packing, or mishandling in transit by any common carrier. Your remedy does not include cost of inconvenience or damage due to product failure. The Manufacturer liabilities for damages to you for any costs whatsoever arising out of this statement of limited warranty shall be limited to the amount paid for this product at the time of original purchase. The Manufacturer shall not be liable for any direct, indirect, consequential or incidental damages arising out of the use or inability to use this product.

The Manufacturer does not authorize any person or representative to assume or grant any other warranty obligation with the sale of this product.

The Manufacturer Limited Warranty is valid only if you retain proof of purchase from CWR, Environmental or an Authorized Retail Dealer for this product. If you purchase this product from any other source, your purchase is "AS IS," which means The Manufacturer grants you no warranty, and that you, not the Manufacturer assumes the entire risk of the quality and performance of this product, including the entire cost of any necessary servicing or repairs of any defects. This warranty gives you specific legal rights; you may also have other rights, which vary state to state.

**To facilitate warranty service request please: Keep dated sales receipt**

**For Service call:  
1-800-444-3563  
x4005**

**For Replacment Filters:  
800-444-3563 or [www.cwrenviro.com](http://www.cwrenviro.com)**

## Reduction Results

| <b>Combined Performance Data</b>   |                          |
|--|--------------------------|
| <b>Contaminants</b>  | <b>Reduction Results</b> |
| CYSTS (Parasites)  | >99.99%                  |
| TURBIDITY  | >99%                     |
| LEAD @ 150 ppb   | >99%, 1000 gallons*      |
| CHLORINE @ 2ppm  | >99%, 1000 gallons       |
| CHLORAMINE   | >99%, 700 gallons*       |
| THMs & HAAs  | >98%                     |
| VOCs   | ~95%, 400 gallons        |
| PARTICULATES @ 0.5 MICRONS TRACE   | >99.99%                  |
| PHARMACEUTICALS  | CLASS I                  |
| FLUORIDE @ 0.8 PPB   | >85%**                   |
| ALUMINUM, ARSENIC III +V, CADMIUM, CHROMIUM III, IRON, MANGANESE, NICKEL | >80%                     |
| MERCURY, CHROMIUM VI   | ~50%                     |

\*This filter has been independently tested at Pace Laboratories to NSF/ANSI standards 42 and 53 for reduction of chloramines and lead.

\*\*The filter has been independently tested at the Water Quality Association Laboratory for the reduction of fluoride in municipal drinking water.

## INSTRUCTIONS CONTINUED

3. Cut another length of tubing that will connect the housing to the faucet under the sink. Insert collars into each end of all tubing. This will prevent the tubing from collapsing.

4. The 3/8" tee (4) is installed into the cold water line or you can use a shut off valve with a 3/8" push fit or compression fitting. Connect one end of the tubing into the tee and push in as far as it will go. Insert other end of the tubing into the push fit opening on the "IN" side of the housing as far as possible.

5. Install the faucet (3) into available opening on sink. Install faucet connector (5) onto end of the threaded pipe of the faucet. Push one end of tubing into the pushfit faucet connector and other end of tubing into the pushfit opening on the "OUT" side of the housing.

6. The unit is already mounted to a bracket. Use the two screw openings on the back of the bracket to mount to the cabinet wall. Also, it is recommended that a strip of wood be placed on the cabinet before mounting. **Note: Leave at least 6" of clearance below bottom of housing and floor of cabinet.**

7. The unit is now ready to flush the ceramic filter (A). Turn the cold water line on. Water will now fill the housings. Lift the faucet lever up and allow water to flow and flush the ceramic filter for **15 minutes**. You may see particles and air bubbles when first turning on the water.

8. Open housing (B) using the same procedure, and place the Pure Metalgon filter into housing (B) and close housing and tighten. Turn cold water valve on and allow water to fill the unit. Lift the faucet lever up to flush the filter for 15 minutes. After **15 minutes**, shut the water off. Let the unit with both filters installed sit for **2-3 hours** and then flush the filter again for **15 minutes**. Turn the water off and let sit **over night**.

9. In the morning, **your filter is now ready to use.** **\*\*If you have any questions, please call 800-444-3563**

## GUIDELINES FOR FILTER REPLACEMENT

**The following are guidelines on when to change your filters. All filters have a variable life-span which is dependent upon:**

1. Levels of chemicals and heavy metals in source water.
2. Number of people using the filtered water
3. Amount of sediment and dirt in the water.
4. Sudden high dosing of the water with chlorine or chloramine
5. Size and number of filters in your unit.

1-2 people: 9-12 months  
3-4 people: 6-9 months  
4+ people 6 months or less

**Absolutely- do not use your filters beyond 1 year.**

**FACT:** Even if water is flowing through the ceramic filter after cleaning, the filter will NOT last beyond one (1) year. The reason is that the Metalgon Filter and carbon block inside the Ceramic are adsorbing chemicals and heavy metals and become saturated. If you do not change the filter at the recommended time, the trapped chemicals will leach off the filter and increase the contaminant level of your drinking water.

**FACT:** Most contaminants such as parasites, bacteria, and lead do not cause an off taste. On the other hand, if the filtered water does have an off taste that usually indicates that the carbon block is saturated and needs to be changed.

*We want all of our customers to be fully protected from toxic substances in your water. Please change your filters on schedule.*

### **Conditions that require immediate filter replacement.**

1. Cleaning ceramic filter no longer restores flow rate.
2. Following a "Boil Alert" from local water supplier.
3. Running HOT water through the unit
4. If there is a breach in the ceramic or any noticeable cracks in the ceramic.

## HOW TO CLEAN YOUR CWR WATER FILTER

Due to filtration of particulate contaminants (dirt) from the water during use, the flow of water from the filter may reduce over a period of time. To restore the water flow to its normal level simply remove, clean and replace the filter cartridge as follows:

1) Open the white housing sump on the filtration unit by placing a bucket under the unit. Unscrew the white housing sump (**A**) clockwise using housing wrench. The sump will be full of water. Discard the water and remove ceramic filter.

2) Use a non-detergent, abrasive pad, (Scotch Brite) and **lightly** brush the ceramic filter under cold water until clean. **NEVER USE SOAP OR ANY CLEANING AGENTS.** Do not rub the filter too hard as it will cause excessive wearing of the ceramic and may cause it to crack.

3) Clean the inside of the base and sump with a 50/50 solution of water and peroxide using a vegetable scrub brush. **DO NOT USE THIS BRUSH FOR ANY FOOD PROCESSING.** Clean threads of housing with a cotton swab ( Q-Tip).

4) Reinstall ceramic filter into the sump and screw in the housing sump counter clockwise into the base. **MAKE SURE "O" RING IS SEATED PROPERLY** or the filter will leak. (Vaseline can be used to secure O-Ring in housing sump)

5) **NOTE: The Pure Metalgon filter can not be cleaned!**

6) If flow rate is not restored, contact CWR for further instructions.

**Even if the water is flowing through the filter after cleaning, the filter will not last beyond one year.**

**If you are not sure which replacement filters you need, contact CWR.**

**800-444-3563**