Installation Manual

EF3000VRBMC/EF3000VRBC

3000 Gallon Vandal-Resistant Filtration Kit with Filter Status Monitor
3000 Gallon Vandal-Resistant Filtration Kit

IMPORTANT NOTE – To avoid danger of an electric shock hazard, disconnect power to your unit before installing the filter.

IMPORTANT

THIS IS INTENDED FOR AN INDOOR APPLICATION ONLY.
THIS IS FOR USE ON COLD WATER ONLY.
ALL SERVICE TO BE PERFORMED BY AN AUTHORIZED SERVICE PERSON.

TOOLS REQUIRED

BUT NOT PROVIDED:

- **SAFETY GLASSES**
- **GLOVES**
- **LEVEL**
- **PENCIL**
- **MOUNTING SCREWS, ANCHORS, FASTENERS**

INSTALLATION STEPS

1. Before starting your installation, verify that you have the following included pieces.
    a. 1 Pinned Torx Bit
    b. 2 AA Batteries
    c. 1 Pinned Torx Screw
    d. 3.5 Feet of Poly Tubing
2. Find a location to mount your new filter box near the water dispenser to which it is being connected. For accurate monitoring, the filter box should be mounted vertically as shown (Fig. 2, page 2). **NOTE:** All installations must be compliant with ADA regulations.
3. **Shut off the water and electricity to the water dispenser.**
4. Lift the cover at the bottom and slide upwards toward the top.



Fig. 1

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5. Take the filter box and place on the wall in the desired location. Be sure that the box is positioned vertically on the wall as shown. For the EF3000VRBMC the arrow on the water monitor valve should always be pointing UP (Fig. 4). Make sure the filter box is level, take a pencil and mark around the inside opening and the mounting locations. If the water will not be coming thru the wall into the back of the filter box, knock-outs have been provided to allow the water lines to run thru the sides or bottom. **NOTE:** If running the water lines thru the knockouts, use the appropriate protection (not provided) to keep the lines from getting cut.



Fig. 2

BOTTOM OF ENCLOSURE MUST BE LEVEL



Fig. 3

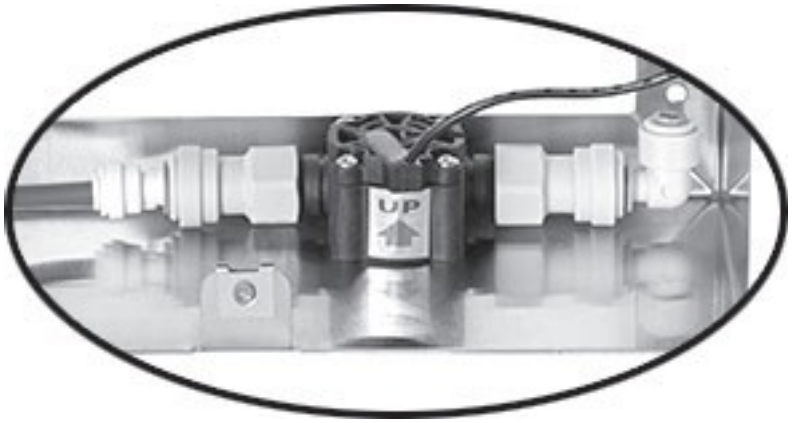


Fig. 4

6. Cut a hole in the wall anywhere inside the marked location to allow room for the water lines to come into the back of the box. Alternately the box can be mounted inside a wall by marking the outside of the box and cutting a hole slightly larger than the enclosure. This will, if desired, reduce the projection from the wall surface
7. Remove any protective covering from the outside of the filter box.

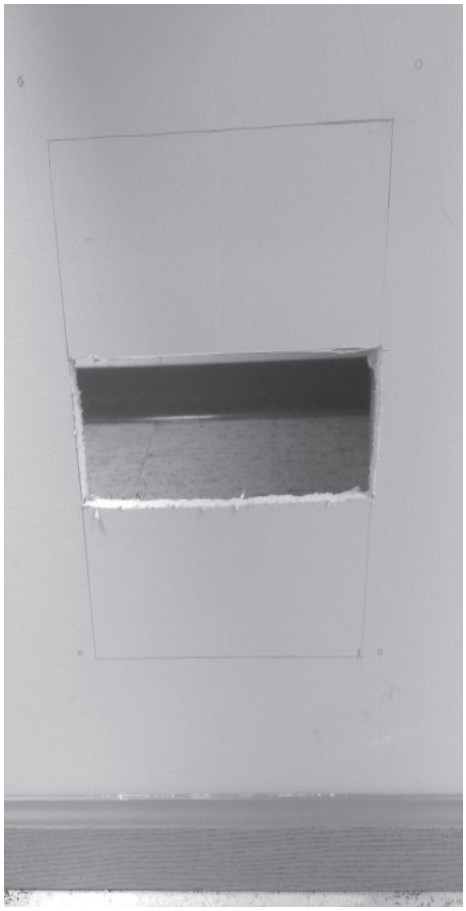


Fig. 5

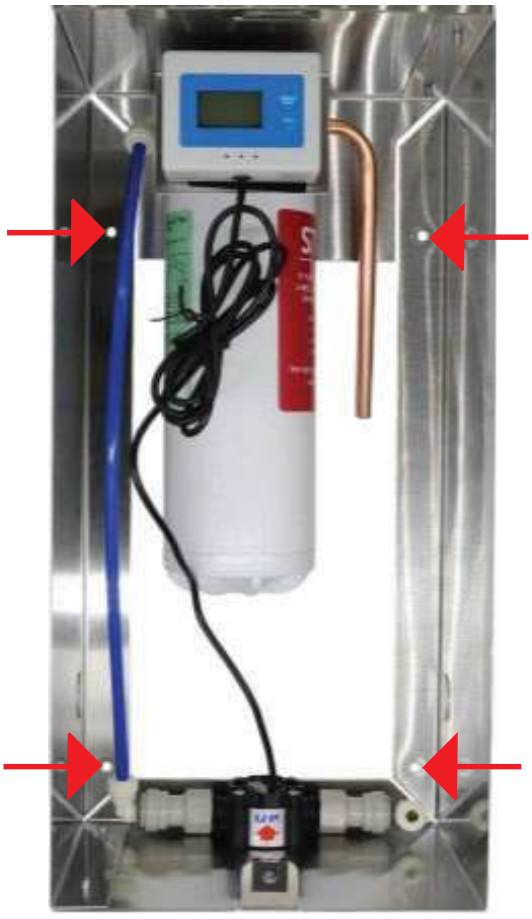


Fig. 6

8. Using the appropriate fasteners (Not Supplied), mount the box to the wall.

9. Disconnect the water inlet from the water dispenser or water supply and connect to the inlet copper tube on the filter head.

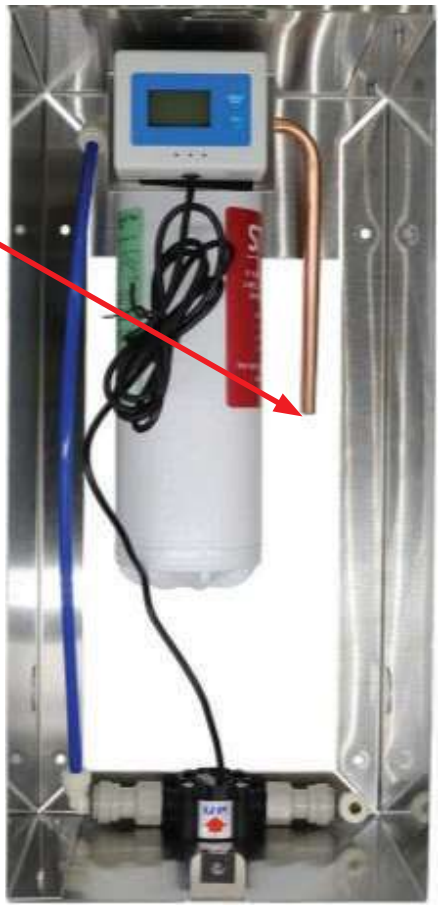


Fig. 7

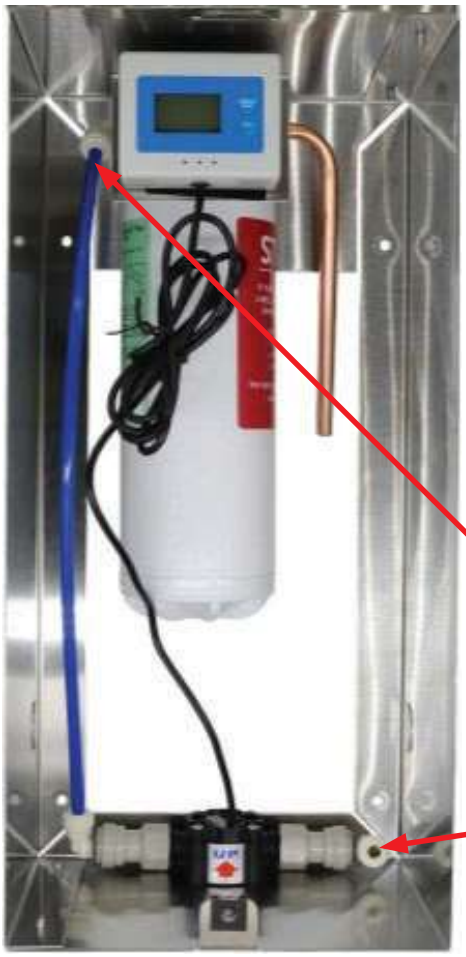


Fig. 8

10. For the EF3000VRBC connect the poly tubing from the inlet of the water dispenser or faucet to the outlet fitting on the filter housing.

10. For the EF3000VRBMC connect the poly tubing from inlet of the water dispenser or faucet to the outlet fitting on the flow meter.

11. Remove the red cap from the filter and install on the filter head turning clockwise.

12. For the EF3000VRBMC remove the filter monitor from the back of the box and insert the supplied batteries. Once installed, the monitor will light up. The monitor can now be put back on the back of the box. Make sure it is positioned so that it can be viewed thru the window in the front cover once it is installed.



Fig. 9

13. Turn on water supply and run water through the product to purge air and fine carbon particles from filter the before use. Visit elkay.com/filtration for additional details.
14. Carefully inspect all water connections for leaks. Repair as needed.

15. After peeling the protective covering from the front cover, hook the tab on the top into the slot on the top of the box. Slide the cover down and install the supplied screw. Once done keep the bit as it will be needed for replacing the filter.



Fig. 10

OPERATING INSTRUCTIONS FOR THE FILTER MONITOR

1. The filter monitor backlight automatically turns on when there is water flowing through it. The blue backlight will turn off after approximately 10 seconds but will display the remaining capacity the entire time water is flowing. To conserve battery life, the display will automatically turn off in 10 seconds when there is no water flowing. The power of the two batteries will last for approximately one year.
2. The flow meter will generate an audible alert and the digits on the LCD will blink red when the remaining capacity reaches zero.
3. To reset, press the reset button for four seconds. The “RESET” on the LCD will blink twice and the remaining capacity will reset to the originally programmed value.
4. When the battery power is low the monitor generates an audible alert and the empty battery symbol on the upper right corner will blink. The alert status will be released when the batteries are replaced. **NOTE:** data from the last status will be memorized when powered off.
5. Programming Filter Monitor Capacity

   Press “PROG” button, until “PROG” blinks on the LCD screen. Then press “RESET” to program the filter gallon capacity. Scroll to select each number within the gallon capacity. Once the first number is chosen, press the “PROG” button to save the number and go to the next digit. Repeat the above process to program up to five digits from right to left.

   * If there is no input for one minute during the programming period, programming will be terminated and system will default to its original status.

NOTICE

To receive maximum benefit from your ELKAY WaterSentry® filters, note the installation dates and filter model number below.

ELKAY Part No. 51300C - Lead Reduction Filter

Change every 3,000 gallons, or once a year -- whichever occurs first.

-- KEEP THIS SHEET IN A HANDY LOCATION --

DATE INSTALLED	MODEL (TYPE OF FILTER)	SERVICE PERSON	DATE INSTALLED	MODEL (TYPE OF FILTER)	SERVICE PERSON

FOR REPLACEMENT FILTER, PLEASE CALL 1-800-260-6640
Elkay Manufacturing Company | 1333 Butterfield Road, Suite 200 | Downers Grove, IL 60515
elkay.com

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