

# Wellness Filter®

## Whole Home Model IV Installation Manual



### SPECIFICATIONS

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<b>Filtering Media</b>	Volcanic sand, activated carbon, ceramic media, magnets and magnetite stone, oxidative stone, and pH stabilizing stone
<b>Flow Rate</b>	38 - 45 gallons per minute @ 50 psi inlet
<b>Water Pressure</b>	20 – 125 psi
<b>Dimensions</b>	13” diameter x 49” high (13” X 13” footprint)
<b>Shipping Weight</b>	~ 150 lbs.
<b>Construction</b>	All-weather polished stainless steel

# General Installation Checklist

## WATER PRESSURE

A minimum of 20 pounds of water pressure per square inch (psi) is required for the filter to operate effectively. Water pressure should not exceed 120 psi.

## ELECTRICAL FACILITIES

An uninterrupted alternating current 110 Volt (AC) supply is required. Please make sure the existing voltage supply is compatible with the unit before installation, and that a power source is within reach of the unit's power cord. **Never attempt to perform electrical work yourself – always utilize a professional electrician.**

## PLUMBING REQUIREMENTS

Condition of existing plumbing should be free from lime and iron buildup. Piping that is heavily built up with lime and/or iron should be replaced. All new plumbing should be done in accordance with local plumbing codes. **Always utilize a professional plumber.** The input and outlet fittings on the Model IV are 1.5" in diameter and the backwash drain line is 1" in diameter. **Prior to beginning the installation procedure, be sure your plumber obtains the necessary fittings to connect the filter to the existing plumbing. Your plumber will also need a sufficient length of 1" line to route the backwash drain water from the filter to the nearest drain.**

**ENSURE YOUR PLUMBER INSTALLS UNIONS AND SHUT OFF VALVES (OR A BYPASS VALVE MANIFOLD) TO FACILITATE DISCONNECTION AND REMOVAL IN THE UNLIKELY EVENT THE UNIT MUST BE SERVICED.**

## WATER TEMPERATURE

This unit is rated to operate within a temperature range of 34° – 110° F and should not be subjected to freezing conditions.

## LOCATION OF FILTER UNIT

The filter unit may be installed either indoors or outdoors on a level, stable surface. You will need a minimum of 13" X 13" of floor space. Bolting the filter to the surface is optional. For outdoor installations, a concrete foundation is recommended however a heavy-duty cement patio tile that is 18" square or larger can be utilized when the soil is stable. For outdoor installations, covering the top of the unit (the controller valve) from direct exposure to the elements is required to prevent from voiding the manufacturer's warrantee.

## ⊗ CAUTION ⊗

***Failure to install the filter in accordance with the above guidelines and local building codes may result in injury or product failure. ALWAYS UTILIZE THE SERVICE OF A LICENSED PROFESSIONAL. Wellness Enterprises, LLC cannot be held liable for product, property, or personal injury due to improper installation.***

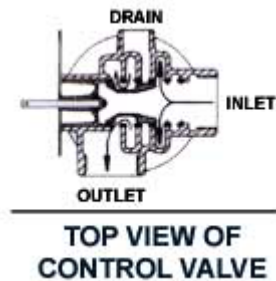
## Installation Procedures

Install your filter according to local building codes. Such codes may require the use of copper tubing and the services of a licensed plumber, or may restrict the types of pipe adhesive than can be used to join the plastic components. Have your plumber follow the following steps:

- ◆ Thoroughly read Installation Manual before proceeding with installation.
- ◆ Decide where the filter will be located and evaluate the system and installation requirements (pressure valves, electric supply, foundation, etc.) necessary for proper installation and operation of the unit.
- ◆ Turn off main water supply and install filter to water source in accordance with the following example and with building codes.

### INTERCEPT THE WATER MAIN

1. Verify that the water pressure does not exceed 125 psi.
2. Determine the main water source line and locate a safe area to install the unit.
3. Ensure the main water supply is secured and the valve is closed.
4. Cut the water main close to the area where the Wellness Filter Model IV will be located and allow the excess water from the building to drain.
5. Assemble the proper unions and joints to connect the 1.5" INLET fitting on the controller to the water supply line. Always follow local plumbing codes.
6. Assemble the proper unions and joints to connect the 1.5" OUTLET fitting on the controller to the buildings water line.
7. Assemble the proper unions and joints to connect the 1" backwash DRAIN fitting on the controller to a 1" line that terminates in an appropriate drain.



After allowing sufficient time for the joints to set move on to the next step.

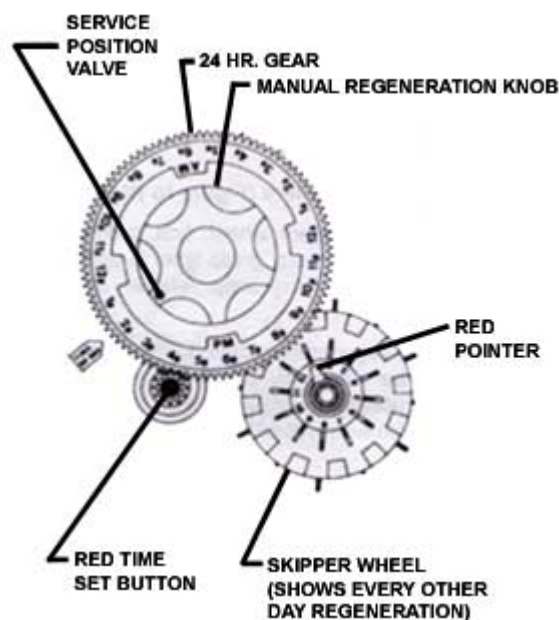
## FILLING THE FILTER WITH WATER

1. To fill the Wellness Filter Model IV™ with water, secure all water valves within the building.
2. Slowly open the water main cut off valve.
3. Slowly open a cold-water tap and let the water run until all air is purged from the unit. Water may splash violently during the purging of air out of the system and the filter.
4. Allow water to run for approximately 10 minutes. It is not uncommon for the water to be a dark color for the initial few minutes as residual carbon dust and sand dust particles are flushed out of the filter. These particles are harmless. The water should flow clear within a few minutes.
5. Close the cold water tap.

## MASTER PROGRAMMING OF CONTROL VALVE

### Set Days On Which the Model IV Is To Regenerate and Backwash:

- ◆ Rotate the skipper wheel until the number “1” is at the red pointer. Set the days that regeneration is to occur by sliding tabs on the skipper wheel outward to expose the trip fingers. Each tab is one day. Finger at the red pointer is tonight. Moving clockwise from the red pointer, extend or retract fingers to obtain the desired regeneration schedule. For standard applications, two days per week is generally sufficient.

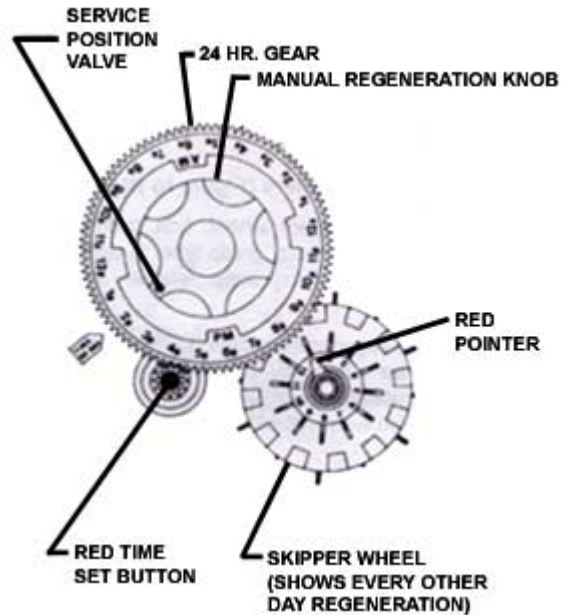


### How To Set The Time of Day:

1. Press and hold the red button in to disengage the drive gear.
2. Turn the large gear until the actual time of day is at the time of day pointer – be sure to select the appropriate AM or PM hour.
3. Release the red button to again engage the drive gear.

## How To Manually Regenerate Your Model IV At Any Time:

1. Turn the manual regeneration knob slightly clockwise.
2. This slight clockwise movement will engage the program wheel and start the regeneration program.
3. The black center knob will make one revolution in the following three hours and stop in the position shown in the drawing. The regeneration cycle time is not related to the amount of time it takes for the black center knob to make one revolution.
4. Once rinse water stops flowing from the backwash DRAIN line, the regeneration cycle is completed.



## How To Adjust Time to begin Regeneration Cycle:

1. **Disconnect the power source.**
2. Locate the three screws behind the manual regeneration knob by pushing the red button in and rotating the 24-hour dial until each screw appears in the cutout portion of the manual regeneration knob.
3. Loosen each screw slightly to release the pressure on the time plate from the 24-hour gear.
4. Locate the regeneration timer pointer on the inside of the 24-hour dial in the cut out.
5. Turn the time plate so the desired regeneration time aligns next to the raised arrow.
6. Push the red button in and rotate the 24-hour dial. Tighten each of the three screws.
7. Push the red button in and locate the pointer one more time to ensure the desired regeneration time is correct.
8. Reset the time of day.
9. Plug the valve into an approved power source. Once the valve is powered, it will drive to the service position.



## ⊗ CAUTION ⊗

If the equipment has not been used for a long time, be sure to perform the backwash process according to “How To Manually Regenerate Your Model IV At Any Time” before purifying and activating water in accordance with the instruction manual.

**\*Important Note: Do not touch any areas other than those specifically mentioned above.**

### IF TROUBLE OCCURS

A significant drop in water pressure and/or water from the faucet that tastes or appears unusual may be a sign that the valve or filter is malfunctioning.

For problems related to water pressure:

- ◆ First determine whether or not the problem is due to the valve or the filter. You can generally do this by testing the pressure prior to the filter or at a neighboring location.

If the water pressure is the same before and after the filter, the problem is related to the water supply and not the filter.

If the water pressure is significantly higher before the filter than after, or your problems are related to taste or appearance promptly contact your distributor or call Wellness Filter® Customer Service at:

**1-888-667-8081** or for International Customers **1-352-335-1338**