



*Wellness*TM



Marc III

Installation Manual

Distributed By:
Wellness Enterprises, LLC
P.O. Box 358294
Gainesville, FL 32635

Thank you for purchasing The Wellness™ Marc III. The instructions, guidelines, and safeguards detailed in this manual will help ensure that your Wellness™ Home System operates effectively. Please read the manual carefully before installing and using your system. Retain this manual for reference and warranty purposes.

For optimum health, drink plenty of fresh, great-tasting water every day!

Benefits and Features of the Wellness™ Marc III

- ◆ Provides pure, energized water for the entire home
- ◆ Reduces harmful contaminants from the kitchen, shower, bath, and ice-making system – leaves your dishes and clothes wonderfully clean
- ◆ Retains beneficial forms of minerals such as magnesium and calcium while reducing the negative effect these minerals may have, such as scaling in water lines and on heating elements.
- ◆ Optimizes digestion and waste elimination
- ◆ Moisturizes the skin and hair when bathing in it
- ◆ Softens the water without chemicals
- ◆ Assists in the reduction of skin ailments such as psoriasis, eczema, and acne
- ◆ Improves dental hygiene by reducing plaque-forming bacteria
- ◆ Promotes the development of a lush and healthy landscape (grass, plants, and flowers)
- ◆ Cost savings – reduced use of soaps and detergents
- ◆ Eliminates the need for and the expense of chemicals, cartridges, and replacement parts
- ◆ Automatically backwashes and regenerates itself

U.S. Patent 5,628,900 and patents pending

Disclaimer: *This product is not intended to diagnose, treat, cure, or prevent any disease. The material presented here is informational, and is not intended as simply a solicitation to sell devices.*

SPECIFICATIONS

| | |
|-----------------------|---|
| Filtering Media | Volcanic sand, activated carbon, ceramic media, magnets, magnetite, oxidative minerals, and pH stabilizing minerals |
| Flow Rate | 15 gallons per minute @ 50 psi inlet |
| Water Pressure | 100 psi |
| Operating Temperature | Not to exceed 110°F or below freezing (35°F) |
| Dimensions | 8" diameter x 33" high (smaller than a golf bag) |
| Weight | 100 lbs. |
| Construction | Polished stainless steel |
| Controller Valve | FLECK 5600 110V Programmable |

** Engineered for use with potable water only

Before You Start (must read) :

- ◆ Unit must be installed to meet the current National Electric Code, as well as any applicable local plumbing, electrical, heating and air conditioning codes.
- ◆ This unit is not normally recommended for well applications. If your water source is a well, please contact Wellness Support at (800) 428-9419 **before installation**. You should have your water tested by a certified water laboratory.
- ◆ Wellness Enterprises will not be held liable for damages, including any and all water damage caused by this product. It is recommended that the homeowner consider the use of an electronic water shut off system (such as WaterCop – <http://www.watercop.com>) if significant damage may result in the event of an unexpected leak in this device or any other plumbing device

De-Crating Procedure

IMPORTANT NOTE

The Wellness™ Marc III is packaged to eliminate damage in shipping. In particular, a PVC coupling has been installed underneath the unit between the legs to protect a drainage valve located at the bottom of unit. The drain valve is used to empty the **Marc III** (if you move) or for winterization (when installed at a summer house in a freezing climate, this will ensure that your piping or filter will not rupture during hard freeze. This only is needed when leaving that particular residence for an extended period of time).

To access this valve and insure that it is closed prior to operation:

1. Take unit completely off the crate by removing the three bolts from the legs and lifting the filter completely off the base.
2. Find the valve located at the base of the filter.
3. Open the valve all the way and then close it tightly to ensure valve is sealed.
4. Keep the valve in the “CLOSED” position.
5. It is common for plumbers to install a cap on the outlet of the valve as a safety measure to protect against undesired opening of the drain valve.

NOTE: If valve is not sealed properly water will flow out of the bottom of the Marc III. This can be remedied by installing a cap on the outlet of the drain valve.

IMPORTANT NOTE

A drain line is not included with assembly.

1. Make sure a hose is installed properly to the white drain port (Wellness recommends using a polyethylene hose or garden hose, and using a clamp to secure the hose in place).
2. White drain port may need to be tightened before the drain line is installed (Wellness recommends using Teflon tape to improve the seal).

NOTE: POWER OUTAGES

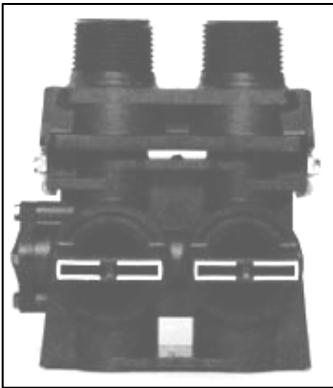
During a power outage, your filter will remain operative and the internal settings will remain the same.

The clock will delay according to the amount of time the power is out.

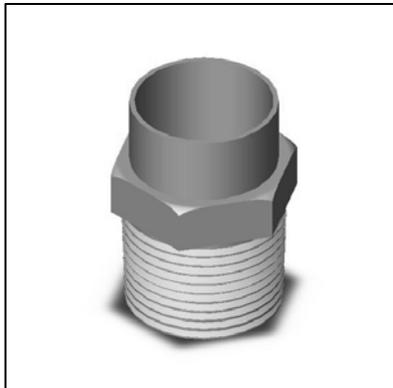
Therefore, Wellness recommends that you periodically check time settings and perform a manual backwash to insure the filter head is working properly.

If you are located in an area that experiences frequent power outages, you may wish to purchase a small UPS from your local electronics store to maintain power to the clock during brief outages.

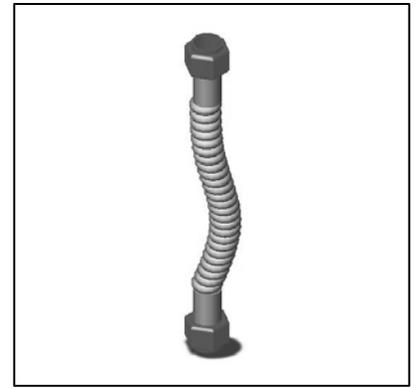
Parts and Components (Please refer to diagram on Page 6.)



Bypass Kit (1)



*3/4" Copper Connector (2)
Hose to Water Main*



Flexible water hose (2)

General Installation Checklist

****POTABLE WATER ONLY****

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 100 psi. If your water pressure is close to 100 psi, **you must** have a plumber install a pressure regulator on your master line before the Marc III.

ELECTRICAL FACILITIES

An uninterrupted alternating current 110V(AC), 60 Hz, 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.

EXISTING PLUMBING

The condition of the existing plumbing should be free from lead, lime, and iron buildup. Piping that is heavily built up with lead, lime, and/or iron should be replaced. All new plumbing should be performed in accordance with local plumbing codes.

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. Wellness Enterprises, LLC, **IS NOT** responsible for any and all damage done to any property or dwelling or any expense caused by a leak in the Marc III or any products supplied by Wellness Enterprises, LLC. If this product is being installed in an area where a leak may cause damage (i.e. a basement or a garage installation) the customer is advised to install an automatic leak detector and shut off valve (available from www.watercop.com and other sources).

Bolting the filter to the surface is optional. For outdoor installations, a concrete foundation is suggested. Covering the top of the unit (controller) from direct exposure to the elements is also encouraged.

⊗ CAUTION ⊗

Failure to install the filter in accordance with the above guidelines and local building codes may result in injury or product failure and will void your warrantee. Wellness Enterprises, LLC is not responsible for any injury or consequential damages resulting from improper installation.

***CAUTION** – Water that is microbiologically unsafe, contains unusually high-suspended solids, or has extremely high concentrations of chemicals or other elements, cannot be used with your Wellness Filter. Well water tests must be submitted to Wellness Enterprises, LLC for evaluation prior to installation. This warning is also in effect should initial water quality change or deteriorate.

Installation Procedures

Due to large variances in local plumbing codes across the country, State and Local plumbing code compliance is the responsibility of the buyer. 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. The plumbing components included in this package are complimentary and designed for ease of installation only in areas where the components meet local codes.

- ◆ Read Installation Manual before proceeding with installation.
- ◆ Decide where the filter will be located and evaluate the system and installation requirements (water supply, drain, electric supply, foundation, etc.) necessary for proper installation and operation of the unit.
- ◆ Confirm presence of all parts and components (see Page 4).

- Turn off main water supply and install filter to water source in accordance with the following example and with building codes.

***NOTE:** You or your plumber may substitute plumbing components for the supplied component as long as they meet local building codes and the materials do not leach any undesirable byproducts into the water.

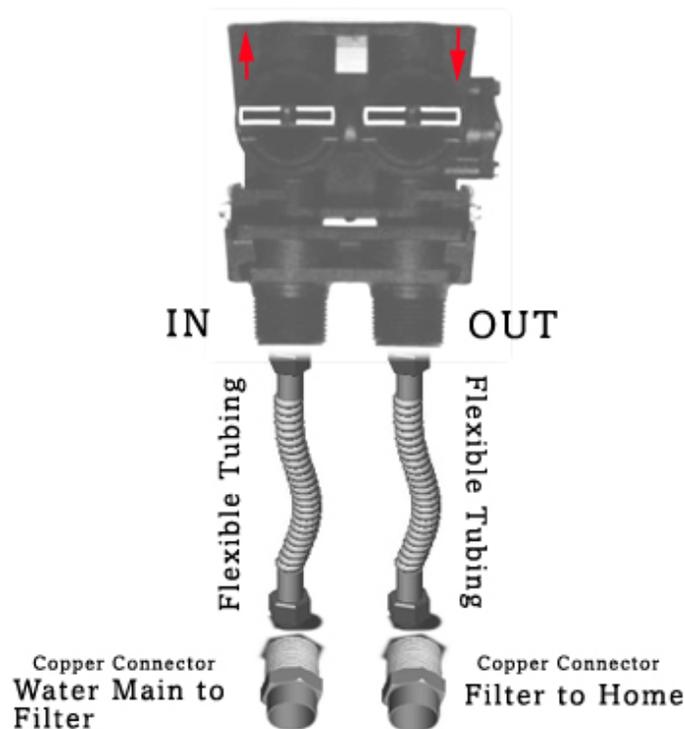
IMPORTANT NOTE

- Make sure that the **water source** connection to the bypass manifold is connected where the arrow faces **into** the filter.
- Make sure that the **water outlet** connection to the bypass is connected where the arrow faces **away** from the filter.

***NOTE:** A drain tube from the backwash drain outlet is required, but is not included.

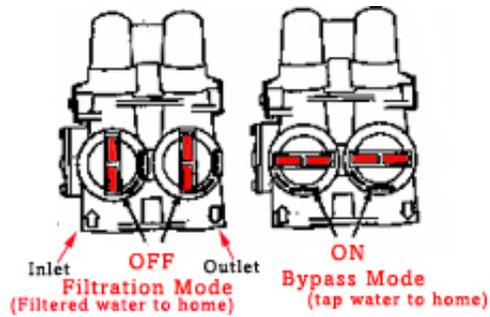
Ensure that either a hose is installed properly to the white drain port (Wellness recommends using a polyethylene hose or garden hose, and using a clamp to secure the hose in place) or that the drain line is hard plumbed to a suitable drain.

The white drain port may need to be tightened before the drain line is installed (Wellness recommends using Teflon tape to improve the seal)



FILLING THE FILTER WITH WATER

- ◆ To fill the filter with water, slowly open the Inlet Bypass Valve (left side with arrow away from Marc III)
- ◆ Next, slowly open the Outlet Bypass Valve (right side of manifold with arrow away from Marc III)
- ◆ Slowly open the water main.
- ◆ Slowly open a nearby cold water tap and let the water run until all air is purged from the unit.
- ◆ Close the cold water tap.
- ◆ Check for leaks



SET VALVE MASTER PROGRAMMING

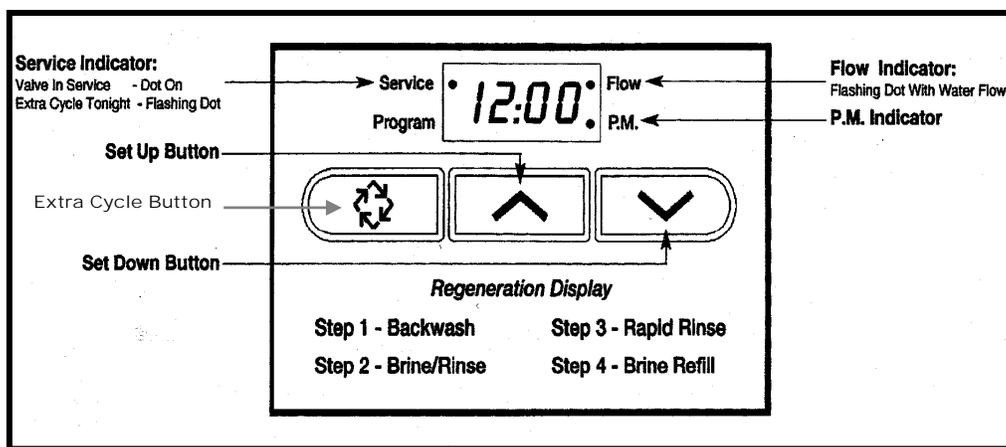
- ◆ Plug the valve into an approved power source. Once the valve is powered, it will drive to the service position.

NOTICE:

During a power outage, your filter will remain operative and the programmed settings will be saved. However, the regeneration function will be paused until the power is reset and the time displayed on the controller will be lost. Frequent or extended power outages will prevent the Marc III from regenerating and may compromise performance.

Therefore, Wellness recommends that you periodically check time settings and implement a manual regeneration whenever you have to reset the time on the controller. It is recommended that you **manually implement a regeneration cycle once every three months** to verify the controller is working properly and flushing water out the drain line during the regeneration cycle (**simply press and hold the extra cycle button for five seconds – located to the bottom left of clock under the word “Program” on the controller**).

If you are located in an area that experiences frequent power outages, you may wish to purchase a small UPS from your local electronics store to maintain power to the clock during brief outages.



NOTE: Push either the “SET UP” or “SET DOWN” set button once to adjust the display by one (1) digit. Push and hold either button to adjust the display by several digits. Push the “EXTRA CYCLE” button to set the program item and to move to the next program item.

1. **Set the Time or Day display to 12:01 p.m.** Please note that this time setting is mandatory for entering Master Programming Mode. If set differently, full programming cannot occur.
2. **Push and hold both of the “SET UP” and “SET DOWN” buttons for five (5) seconds** to enter Programming Mode.
3. **Set display format to U.S. format [U - - 1]** for 12-hour Timekeeping Display format and Cycle (Regeneration) Timing Display in minutes. **Push the “EXTRA CYCLE” button** to set the format and move to next program item.
4. **Set Regeneration (Backwash) type to “Time Clock Delayed” [7 - - 1].** Regeneration (Backwash) will occur at a preset time that will be set in the next program item. **Push the “EXTRA CYCLE” button.**
5. **Set Regeneration (Backwash) to occur when water usage can be interrupted for up to 30 minutes, such as during the middle of the night, e.g., 3:00 a.m. [3:00] (P.M. indicator ‘dot’ NOT on).** **Push the “EXTRA CYCLE” button.**
6. **Set the number of days between Regeneration (Backwash).** A setting of once every seven (7) days is suggested for normal household use of municipally-treated water [A - - 7]. (Fewer days between backwashings may be necessary for water containing high amounts of contaminants). **Push the “EXTRA CYCLE” button.**
7. **Set the Duration Time of Regeneration (Backwash Cycle 1).** A setting of 15 minutes is suggested if the filter is being backwashed once every seven (7) days as set in Item #6 above [1 - - 15]. Less time is required if backwash occurs more frequently, while more time is required if backwash is set to occur less frequently. **Push the “EXTRA CYCLE” button.**
8. Since **Regeneration Cycle 2** is not used, **set for – 0 – minutes [2 - - 0]. Push the “EXTRA CYCLE” button.**
9. **Set the Duration Time for Regeneration Cycle 3 (Rapid Rinse).** A setting of 5 minutes is suggested for this Rapid Rinse Cycle, e.g. [3 - - 15]. **Push the “EXTRA CYCLE” button.**
10. Since **Regeneration Cycle 4** is not used, **set for – 0 – minutes [4 - - 0]. Push the “EXTRA CYCLE” button.**

11. Regeneration Cycle 5 is preprogrammed at “OFF”. *Push the “EXTRA CYCLE” button* to advance to the next item.
12. Valve Type is preprogrammed for this valve [0 - - 1]. *Push the “EXTRA CYCLE” button* to advance to the next item.
13. *Set Line Frequency for 60Hz [LF 60]*. This is the standard frequency in the United States. Use of the filter in other countries may require a frequency setting of 50Hz. If you are installing this unit outside the U.S., please check with a local electrician before setting. *Push the “EXTRA CYCLE” button*.
14. Master Programming Mode is exited, and normal operation is in effect (the service indication light is “ON”).
15. *Set the Time of Day to the correct time, using the “SET UP” or “SET DOWN” buttons* to adjust the time (please note the P.M. indicator).
16. *Start a Regeneration immediately. Press and hold the “EXTRA CYCLE” button for approximately five (5) seconds* to initiate Backwash and Rapid Rinse functions to settle and activate the media material. A stream of black-tinged water may appear in the initial backwash. This is the fine powder of activated carbon which will disappear as the Backwash and Rapid Rinse progress.

Because the filter is new, a full Backwash and Rapid Rinse are *not* necessarily required. However, we suggest a cycle time of at least five (5) minutes for each function at this time. To fast-cycle through Backwash and Rapid Rinse, push the “EXTRA CYCLE” button once after five (5) minutes has expired for each cycle to advance to the next cycle.

CONGRATULATIONS! Your filter is now ready for use.

NOTES REGARDING THE OPERATION OF THE VALVE

In normal Service operation, the Time-of-Day display will be visible at all times. The controller will operate normally until the number of days since the last Regeneration or Backwash reaches the number of days programmed in STEP 6 above. Once this occurs, a Regeneration Cycle will then be initiated at the preset Regeneration time programmed in STEP 5 above.

While in normal Service operation, performing STEP 15 above can change the current time of day or an immediate Regeneration (Backwash) can be initiated by performing STEP 16.

To change any programming settings, begin with STEP 1 above.

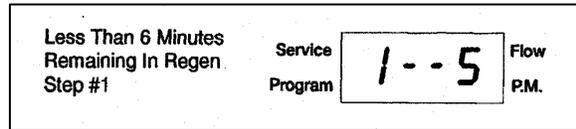
**** If you lose power to your controller, all programming is saved but the time of day must be reset.**

CONTROL OPERATION DURING REGENERATION

During backwashing, the controller will display a special *Regeneration Display*. In this display the control will show the current Regeneration step number the valve is advancing to, or has reached, and the time remaining in that step. The step number displayed will flash until the valve has completed driving to this Regeneration stop

position. Once all regeneration steps have been completed, the valve will return to Service and resume normal operation.

For example:



Pushing the “EXTRA CYCLE” button during a Regeneration Cycle will immediately advance the valve to the next cycle step position and resume normal step timing.

CONTROLLER OPERATION DURING A POWER FAILURE

During a power failure all control displays and programming will be stored for use upon power re-application. *The control will retain these values for years, if necessary, without loss.* The control will be fully inoperative and any calls for regeneration will be delayed. Upon power re-application, the control will resume normal operation from the point where it was interrupted. *An indication that a power outage has occurred will be an inaccurate time-of-day display.* Reset the Time Display to the current time by pushing the “SET UP” and “SET DOWN” buttons as appropriate.

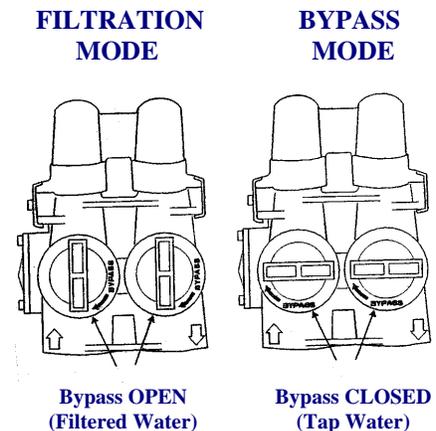
**** If the power was out for more than 1 day, manually initiate a backwash by pressing the extra cycle button for 5 seconds.**

Check The Following Before You Call For Service

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. Test your tap water supply by bypassing the filter as follows:
- Close all faucets in Home
- Turn the levers on the Bypass to their “BYPASS” Mode position (East-West) as shown in the picture at far right.
- Compare and evaluate the water pressure.



If the water pressure is the same, the problem is related to the water supply. Contact your system supplier or installer.

To open the Bypass for filtered water, repeat the above steps, turning the Bypass valves to their “Filtration Mode” position (North-South) as shown in the picture above, left side.

If the water pressure improves, or your problems are related to taste or appearance, bypass the filter as described above and promptly contact your distributor or call

**Customer Service at (800) 428-9419 or
email support@wellnessfilter.com**

**** ONE YEAR LIMITED WARRANTY ****

Wellness Enterprises, LLC warrants The Wellness™ Marc III for one (1) year from the date of purchase against all defects in materials and workmanship when installed and used in compliance with this Installation Manual.

To allow Wellness to record your ownership of this product, start your warranty coverage cycle, and send you any applicable product reports or announcements please complete and return the Warranty Information Card below. You should also make a copy for your records. The Warranty Card must be returned within 30 days of purchase in order to validate warranty.

Wellness will replace or repair any part which, in our opinion, is defective, if the filter, furnishings, and fixtures have not been subjected to tampering, alteration, or improper use after delivery and have not been repaired by anyone except Wellness or an authorized representative. Wellness' obligation does not include the cost of un-installation/re-installation and shipping and transportation. Wellness is not responsible for damage in transit, and claims for such damage should be presented to the carrier by the customer.

Wellness makes no warranties, expressed or implied, including, without limitation, any warranties of fitness or merchantability except as expressly set forth above. Wellness shall not be liable for any anticipated or lost profits, incidental damages, consequential damages, costs, time charges, or other losses incurred in connection with the purchase, installation, repair, or operation of the filter, and we do not authorize anyone to assume for Wellness any liability in connection with the filter or any part thereof.

This warranty shall NOT apply to:

1. Failures resulting from use of water not suited to drinking.
2. Failures due to normal wear, accident, misuse, abuse, or negligence.
3. Damage due to failure to follow operating instructions and maintenance requirements.
4. Products that are altered, modified, or serviced in a manner not authorized by Wellness in writing.
5. Failure of goods due to use other than what was originally intended.
6. Damage due to failure to follow published laws, regulations, and codes.

LIMIT OF LIABILITY: Wellness Enterprises, LLC, **IS NOT** responsible for any and all damage done to any property or dwelling or any expense caused by a leak in the Marc III or any products supplied by Wellness Enterprises, LLC. If this product is being installed in an area where a leak may cause damage (i.e. a basement or a garage installation) the customer is advised to install an automatic leak detector and shut off valve (available from www.watercop.com and other sources).

For servicing under this warranty, contact the Customer Service Department at **(800) 428-9419** and explain the problem in detail. Repair or replacement of the filter by Wellness requires the submission of this Warranty and may require the return of the filter to Wellness at your cost.