pureWater™
BY GREENTECH

ALKALINE Ti

Owner's Manual

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WELCOME

Thank you for your purchase of the Alkaline Ti Water Ionizer.

The Alkaline Ti Water Ionizer is simple to install, easy to use, and the automatic cleaning feature makes the machine virtually maintenance free. This manual will guide you through the Installations, Controls, Uses and other features of your Alkaline Ti Water Ionizer. Read through it carefully to ensure you achieve optimum results.

We hope you enjoy the endless benefits of alkaline water provided by your Alkaline Ti Water Ionizer for many years to come.

RECORDS

Please record the name and phone number of your Dealer.

Name: _____

Phone #: _____

Please record the serial number of your pureWater Alkaline Ti.

Serial #: _____

GLOSSARY

The great and many benefits of alkaline water are simple to understand, but the technology and chemistry involved in producing alkaline water can be more difficult to comprehend. Below is a glossary of some frequently used technical terms associated with water ionization.

pH: The pH scale measures the level of acidity or alkalinity of a substance. The pH scale ranges from 0 to 14.

Alkaline: Having a pH value above 7.

Acidic: Having a pH value below 7.

Neutral: Having a pH value of 7.

Electrolysis: A process in which an electric current is used to ionize water. pureWater Water Ionizers use electrolysis to oxidize or reduce the water molecules from your tap with several titanium plates that act as cathodes and anodes. This process separates the alkaline water from its byproduct (acid water) and vice versa.

ORP (Oxidation Reduction Potential): The measure of the tendency of a substance to either gain or lose electrons. If the ORP is above zero, the water output is acidic. If the ORP is below zero, the water output is alkaline.

WARNINGS

Consult a doctor before use, especially if you have a weak liver, kidneys or are under treatment for any ailments.

Never use aluminum or copper containers to store your ionized water. A chemical reaction may occur.

Acidic water is for external purposes only. Do not ingest.

Never take medicine with alkaline water. Always use the neutral setting.

Never use hot water (over 40°C/104°F) with your Alkaline Water Ionizer. It will damage your machine.

Ensure the waste water hose drains properly at all times.

Avoid direct sunlight and high temperatures around your Alkaline Water Ionizer.

Always use the automatic cleaning feature to clean your Alkaline Water Ionizer. Never use volatile solvents such as alcohol to clean your machine.

Never run water through your Alkaline Water Ionizer when it is not powered as this may damage your machine.

Note your water quality. Use additional filters if necessary. Replace your filters regularly.

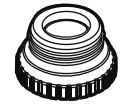
Unplug unit during extended times of idle.

Do not disassemble machine beyond what is shown in this manual.

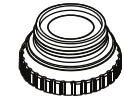
PARTS & ACCESSORIES

Adapter A x 1

Adapter B x 1

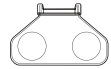


Adapter C x 1



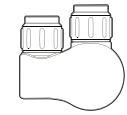
Adapter D x 1

Screws x 3



Adapter Key x 1

Rubber Tightener x 1

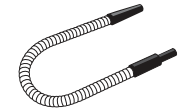


Connector x 1

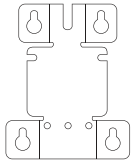
Diverter x 1

Clamps x 2

Inlet/Drain Hose x 2



Outlet Hose x 1



Wall Mount x 1

pH Test Kit x 1

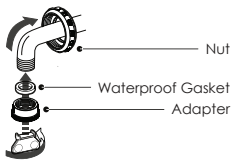
INSTALLATION

1. Determine the faucet's threading, choose appropriate adapter and install as shown.

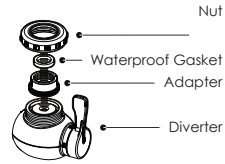
External Thread	
Internal Thread	

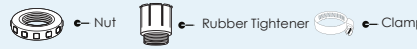
Note: These directions apply to both External and Internal Threads.

1. Tighten the adapter into place using the locking key with the gasket and nut above it.

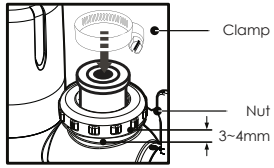


2. Attach diverter to the adapter and fasten the nut around it.

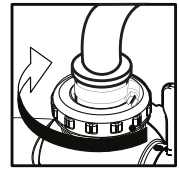


Threadless (13-24mm)	

1. Tighten the nut and reserve 3-4mm space between nut and thread of the diverter. Place the clamp around the tightener.



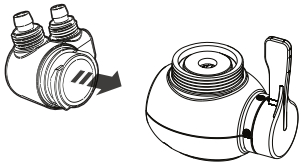
2. Push the diverter and tightener over the faucet and secure the clamp. Twist the nut in clockwise direction.



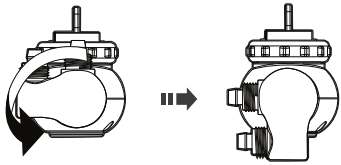
INSTALLATION CONT.

2. Install the Connector.

1. Push the connector into the diverter.

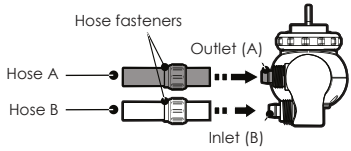


2. Twist into position in a counter-clockwise direction.

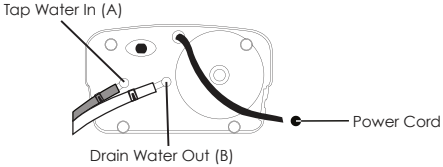


3. Install Hoses.

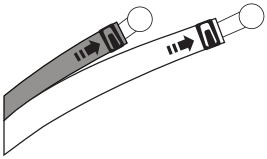
1. Cut the supplied hose in half. Connect and secure them over the inlet and outlet with the hose fasteners.



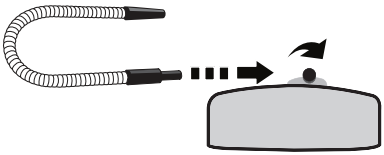
2. Place clamps over the hose ends leaving open space to fit over the water supplies. Connect Hose A to Tap Water In (A) and Hose B to Drain Water Out (B) on the base of your unit.



3. Slide and secure the hoses over the Tap Water In and Drain Water Out with the clamps.



4. Screw the Outlet Hose into position at the top of the unit.



4. Power

Once installation is complete, plug your unit in and refer to **OPERATIONS** (Page 10) of this manual to learn how to run your newly installed Alkaline Ti.

CONTROLS

LED Display

Filter Replacement Notification LED

Lights Up when your Filter's lifespan has been reached.

Reset

(Used with Filter Replacement and calibrating pH levels.

Electrolysis Cleaning Notification LED

Turns on while the electrolysis cleaning is in progress.

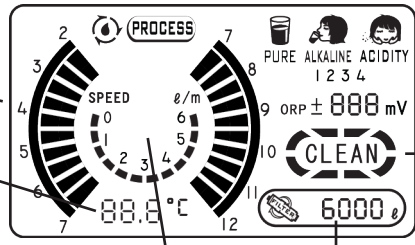
Electrolysis Cleaning

Press this button to clean the electrolysis plates.

Water Quality Settings

Choose your water quality setting using one of these 7 button selections.

DISPLAY



Processing Indicator

(Does not show at neutral water mode.)

pH Display

Setting Calibrations

1. pH Value Display
2. Cleaning Volume Display

(These are only shown when you are changing settings.)

Mode Indicator

Indicates alkaline, neutral, or acidic water.

ORP Display

Cleaning Mode

Automatically cleans after water supply is turned off.

Water Flow Rate

Filter Longevity Display

MODES & USES

Each level of Acidic, Neutral, and Alkaline water has a general use based on its pH level. Use our guide below to know what water mode you should use for a certain situation.

NOTE: Each level's pH can be adjusted to fit your needs. Refer to Customizing Settings (Page 11)

WARNING Consult a doctor before use, especially if you have a weak liver, kidneys or are under treatment for any ailments.

Water Quality Modes		Suggested Uses
Alkaline Mode		
4	Level 4: pH 9.0 - 11.0	Use Alkaline 4 water for cooking meals that require boiling water. Alkaline water boils faster and does not leach the flavor from foods as they cook.
3	Level 3: pH 8.5 - 10.5	Use Alkaline 3 for daily drinking of alkaline water.
2	Level 2: pH 8.0 - 10.0	Use Alkaline 2 for making hot beverages such as teas or coffee to remove bitterness and enhance flavor.
1	Level 1: pH 7.5 - 9.5	Use Alkaline 1 for beginner useage of daily alkaline drinking water.
Neutral Mode		
0	Standard: pH 7.0	Use Neutral when taking medicine or when alkaline/acidic water is not desired.
Acidic Mode		
1	Level 1: pH 4.5 - 6.5	Use Acidic 2 for disinfecting utensils and surfaces.
2	Level 2: pH 4.0 - 6.0	Use Acidic 1 on your skin as an astringent. Acidic 1 can also be used as a disinfectant on skin.

OPERATIONS

How it works

The water first travels from your tap through a USA Made NSF-Certified Carbon filter where impurities like chlorine are removed from your tap water.

After the impurities are filtered out, the water then travels through platinum coated Japanese made titanium plates where the water molecules are separated by an electric charge. This is a process called electrolysis.

Upon selecting the desired level of alkalinity on the front of the unit, the alkaline water is then dispersed from the outlet and the byproduct flows out of the drain tube.

How to Use

Once you have completed installation of your Alkaline Ti Water Ionizer and it is plugged into a power outlet you can begin to use your machine.

First, press the button of your desired (e.g. "Alkaline 1"). [When just beginning an alkaline drinking water regimen, it is recommended to use Alkaline 1 for the first week and then gradually progress to Alkaline 3].

After choosing your desired level of pH, turn the tap on to about ¾ maximum water flow. The display will light up. Let the water run on the selected level for about 5-7 seconds before filling your glass or container.

When finished, simply turn the tap off. The unit will revert back to the default Alkaline 3 setting.

CUSTOMIZING SETTINGS

Electrolysis Intensity

The water first travels from your tap through a USA Made NSF-Certified Carbon filter where The Electrolysis Intensity Setting is designed to help you calibrate each level of pH on your Alkaline Ti Water Ionizer. Water quality can affect the output level of pH from your machine. Use the pH test kit provided to ensure accurate pH output for each level. Use the Electrolysis Intensity Setting to adjust if necessary.

Note: The flow rate of water running through your machine can affect the pH level.
Slower Flow = Higher pH Level. When testing, use the same flow rate of water for each level.

Note: The conductivity of the water (measured in TDS) can affect the pH level.

Before setting Electrolysis Intensity, **turn off tap (unit power should still be on).**

Select the level you wish to adjust (i.e. "Alkaline 4, Alkaline 3, etc.) and hold the button for 5 seconds until the LED Display lights up.

Press the "RESET" and "CLEAN" buttons to adjust the electrolysis intensity.

Once the desired electrolysis intensity level is reached, press the same level button (i.e. "Alkaline 4, Alkaline 3, etc.) once more to set the electrolysis intensity.

Using your pH Test Kit

Remove the test liquid from the container and place 2 small drops inside. Select your desired setting of water and partially fill using a steady stream. Refer to your supplied pH card to check the accuracy of your setting.

Note: For better accuracy, allow 5-7 seconds of running water for your Ionizer to change its pH to the desired setting before testing the water.

Filter Longevity

Before setting Filter longevity, turn off tap (unit power should still be on).

Press the "NEUTRAL" button and hold for 5 seconds until the LED Display lights up. Press the "NEUTRAL" button once more to switch from Electrolysis Intensity setting to Filter Longevity setting.

The Filter Longevity icon is now shown on the LED Display.

Press the "RESET" and "CLEAN" buttons to adjust the filter longevity.

Press the "NEUTRAL" button again after completion of setting to resume normal operation.

CLEANING & REPLACEMENTS

Cleaning

To clean your Alkaline Water Ionizer, turn on the tap and press "CLEAN". The light will blink and music will play while your Alkaline Water Ionizer cleans itself. Once the cleaning process is complete, the music will stop and the light will no longer blink. Alkaline Water Ionizer will return to the default setting "Alkaline 3".

Replacing the Filter

In order to experience optimum performance and full functionality from your Alkaline Water Ionizer be sure to replace the used filter with another Alkaline Ionizer Filter.

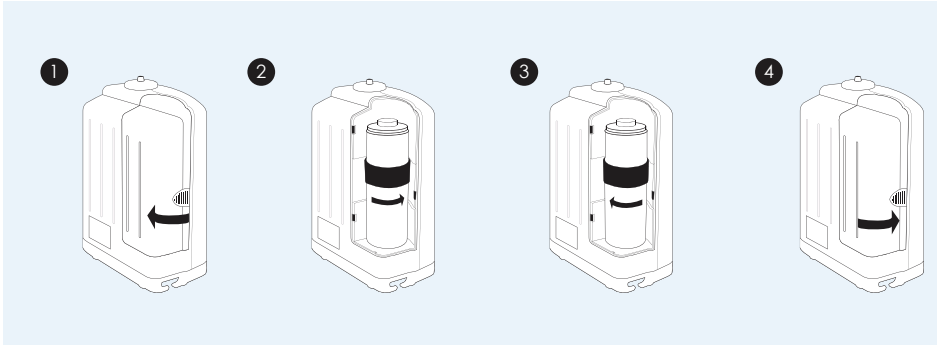
CAUTION **Note: Disconnect the power supply and turn off the tap before replacing the filter.**

CAUTION **Note: Only a designated filter should be used as a replacement.**

1. Open the back cover.
2. Unwind the filter counterclockwise and remove over a sink in case excess water drips out.
3. Set the new filter in the socket and turn clockwise to secure in place.

CAUTION **Note: Ensure the filter is properly threaded.**

4. Replace the cover.



5. Plug in Power Cord.
6. Press and hold the "RESET" button for 5 seconds.

Reset is complete when the Filter Longevity Display (Page 8) has reset and the "RESET" light is off.

TROUBLESHOOTING

LED backlight isn't working.

Check to make sure the unit is plugged in. Water pressure may be too low. Check to see if the filter is mounted correctly. Straighten any bent hoses. If problem persists, contact your retailer for repair.

Ionized water flow isn't smooth.

Perform cleaning. If this doesn't fix the problem your filter's lifespan may be expired. New filters can be purchased from your retailer. If the problem persists, a calcium buildup could be obstructing the hose. Contact your retailer for cleaning or repair.

Alkaline water is cloudy.

Alkaline water appears cloudy in general due to the air bubbles generated during electrolysis. The water is safe to drink and will clear as it rests.

There are dark brown particles in the water.

These particles are ferrous (iron containing) content and are harmless to your health. Perform cleaning to clear any particles out of the machine.

White substance in your Alkaline water container.

This is a calcium buildup caused by the calcium ions and carbonic acids in the air. It is harmless to ingest. Clean your container using vinegar on any affected surfaces.

Water is leaking from filter compartment.

Open the Filter Compartment and check to ensure the filter is installed properly and tightly secured in its socket. If leak persists contact your retailer for repair or replacement.

Water from the unit has an odor.

The life of your filter has expired. Replace filter.

SPECIFICATIONS

Dimensions	12.2" H x 8.66" W x 4.92" D
Weight	9.4 lb (4.26kg)
Voltage/Frequency	110V/60Hz
Electrolysis	5 Titanium-Platinum Plates and Ceramic Membrane Continuous Electrolysis (built-in ammeter) Ideal rate of water flow - 1/2 gallon/min (2L/min)
Power Consumption	320W MAX
Filter	NSF-Certified Carbon Filter 5.0 liters/min and up to 6,000L Lifespan. Residual salt and odor removal.
Maximum Temperature	104°F (40°C)
Output	.26 - .79 gallons/min (1-3L/min)
ORP	-850 mV (MAX)

LIMITED WARRANTY INFORMATION

Your pureWater Alkaline Water Ionizer 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 and members of his or her immediate household. The warranty is subject to the following provisions. Any damages or malfunctions caused by negligence, abuse, or use not in accordance with the Owner's Manual are not covered by this warranty. Likewise, any defects or damages caused by unauthorized service are not covered. GreenTech Environmental will, at its option, repair or replace a defective Water Ionizer that is covered by this warranty. As a matter of warranty policy, GreenTech Environmental will not refund the customer's purchase price. To obtain warranty service you must return the defective Water Ionizer along with proof of purchase to the pureWater Authorized Warranty Station. All transportation charges on parts, or units, submitted under this Warranty shall be borne by purchaser. Unless this Warranty is expressly renewed or extended by GreenTech Environmental, 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 Water Ionizer, including any warranty of merchantability or any warranty for Fitness For A Particular Purpose 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 GreenTech Environmental be liable for any consequential or incidental damages you may incur in connection with your purchase or use of the Water Ionizer. 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.

REGISTRATION

Please register your new pureWater product within 10 days of purchase by visiting:

www.GreenTechEnv.com/Warranty

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