



echo[®]
Ultimate
MACHINE
USER MANUAL

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SAFETY PRECAUTIONS

Read the recommendations below before installing the Echo Ultimate. **DO NOT MAKE A REPAIR YOURSELF!** Attempting to do so will **VOID** your **WARRANTY!** Contact customer service if the machine breaks down.



If your machine becomes submerged in water, unplug the power cord from the wall before removing your machine from the water. Failure to do so may result in electric shock!



NEVER touch the power cord or plug with wet hands. This may result in electric shock! Make sure the power plug is firmly and properly inserted into the outlet. Failure to do so may result in electric shock or fire!



Protect your machine from freezing temperatures and direct sunlight.



DO NOT use your machine at voltages other than what is specified. **DO NOT** plug in your machine where it will exceed the rating of the outlet or electric wiring. Failure to do so can result in fire, injury, or damage to yourself, the wiring, or the machine!



DO NOT run hot water through your machine. **DO NOT** clean by pouring water over or spraying the machine.



Unplug your machine if you do not plan to use it for an extended period of time (approximately seven days). Turn the master power switch on the back of the unit. Filter replacement may be necessary.



Make sure to use your machine only with potable water. **DO NOT** attempt to repair or service the machine yourself!



If the Echo Ultimate Machine makes strange or unusual noises, or if burning smells are detected, unplug the power cord immediately and contact customer service.



Always protect your Machine by using a Surge Protector. If a Surge Protector is not used, your **WARRANTY** will be **VOIDED**.



DO NOT close, bend, pinch, press, or otherwise obstruct output ports or hoses.

PH REAGENT LIQUID PRECAUTIONS



It is combustible. DO NOT expose the pH measuring reagent to extreme heat, flames, or fire.



DO NOT drink the pH reagent liquid and avoid contact with the eyes and skin. If the liquid is ingested, induce vomiting immediately and call a doctor. If the liquid gets in the eyes, flush immediately and thoroughly with cool water. Call a doctor. If exposed to your skin, wash it immediately.



Make sure to keep the pH reagent liquid tightly closed and out of the reach of children.

SOME HELPFUL TIPS



DO NOT store alkaline water in stainless steel, bronze or aluminum containers. Glass or ceramic is best for storing your alkaline water, but you can also use a high-quality plastic container.

Always try and keep your stored water cool and away from direct sunlight.

Water is always best fresh out of the machine and ideal if consumed on a day-to-day basis.

Save the box and styrofoam your machine came in. This will help if your machine needs to be transported at a later date.

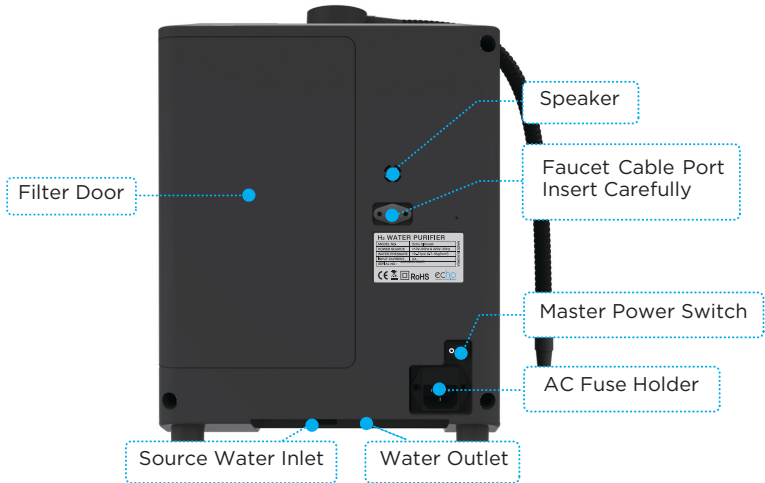
If you are using your machine downstream of a reverse osmosis system are running reverse osmosis water in your home, remineralization of the water will be needed if you want strong acid water.

NAMES AND FUNCTIONS

■ Front Side



■ Back Side

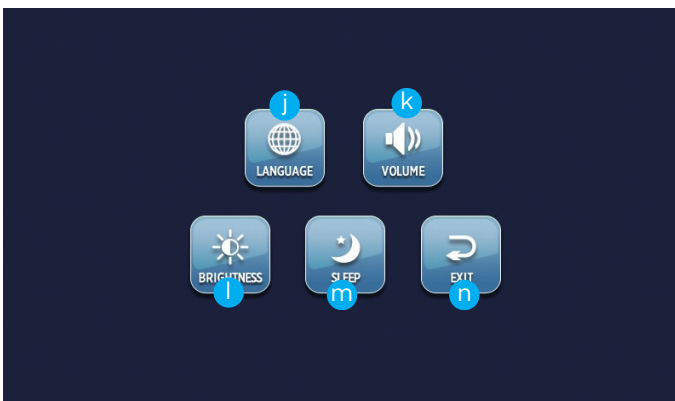


■ Indicators / Controls



- a** Selection indicator
- b** Filter check button
- c** Power button
- d** Setting button
- e** Alkaline water button
- f** Acidic water button
- g** Filter water button
- h** Hydrogen water button
- i** Flow indicator
- j** Filter life indicator

■ Setting Indicators / Controls



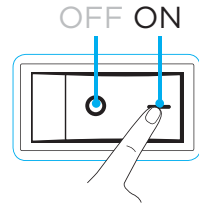
- j** Language selection button
- k** Volume selection button
- l** Brightness selection button
- m** Sleep selection button
- n** Exit button

HOW TO USE

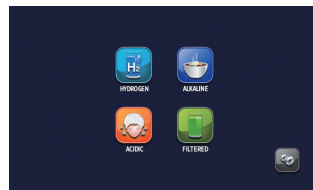
Initial Operation

1. Power up your hydrogen water machine.

- Turn power on with the master power switch on the back of the machine.
- When the machine is not used for a period of time, the machine will go into power saver mode automatically.
- Touch the screen to take machine out of “sleep mode.”



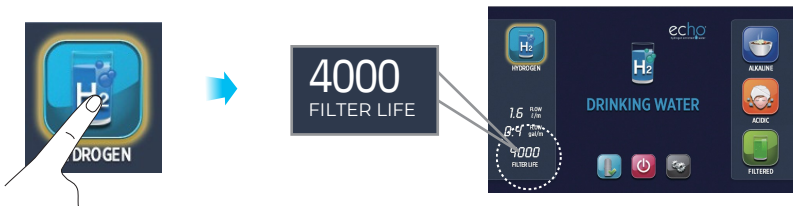
Start screen



Stand-by mode status

2. Start water flow through your machine.

Press the desired water type: Hydrogen (H) Water, Alkaline Water, or Acidic Water hypochlorous, or Filtered



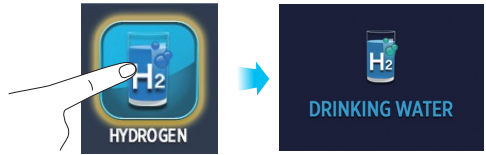
NOTE

The water may initially come out discolored (light to charcoal gray) due to carbon particles in the new filter. This is not harmful and is typical of all carbon filters. Allow the water to flow for two to three minutes in the “Filtered” mode and this will flush out all the carbon dust.

HYDROGEN WATER / FILTERED WATER

When Drinking Hydrogen Water

Press the “HYDROGEN” button to begin flow of hydrogen water. You will hear a voice confirmation that “Echo Hydrogen Water” has been selected, and the display panel will show a blue symbol. The Echo hydrogen water comes out of the top spout. Nothing comes out of the bottom spout.



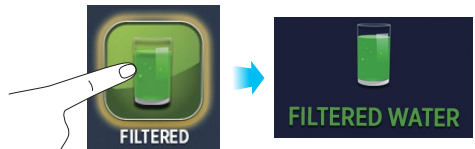
What would I use the hydrogen water for?



The pH of hydrogen water is neither raised nor lowered and would be the same as your source water. You can use it as both drinking water as well as taking medications. There are many studies showing benefits from molecular hydrogen (H₂)

When Drinking Filtered Water

Press the “**FILTERED**” button to begin flow of filtered water. In this mode, electrolysis is not working. You will hear a voice confirmation that “Filtered Water” has been selected, and the display panel will show a **green** symbol. The Echo filtered water comes out of the top spout. Nothing comes out of the bottom spout.



How to Shut Off the Water Flow From Your Machine

When finished using the machine, press the **red** power button. The water will stop, and the machine will drain water out of the water cell. After a short time, the display panel will go dark, indicating that the machine is in “sleep mode.”

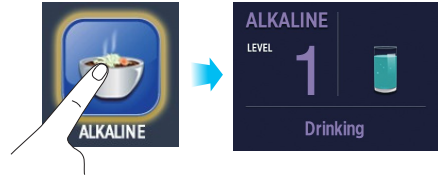


ALKALINE WATER (Has H2 Gas Dissolved)

When Drinking Alkaline Water

Higher than 10pH water is not recommended for drinking for long periods of time.

1. You will hear a voice confirmation that "Alkaline Water" has been selected, and the display panel will show a **blue** symbol and purple number corresponding to the level selected. Press the "ALKALINE" button to select the desired setting from levels 1 to 4.



2. Whenever you press alkaline water selection button repeatedly, it changes level of alkaline water.



NOTE

Your machine will always "remember" the last setting used. If the previous selection was Alkaline Level 2, when you select "Alkaline Water" again, it will automatically produce water at Alkaline Level 2. We do not recommend drinking alkaline water. However, some people choose to drink alkaline water. Follow the guideline below:

Some uses for the different levels of alkaline water

Alkaline water levels. Note: pH levels will always vary with different source water (tap water).

Level 1 Weak Alkaline Water



For those who drink alkaline water, this level is used for initial consumption period (4-7 days). Let your body adjust slowly to this increase in pH.

Level 2 Weak to Medium Alkaline Water



Those who drink alkaline water should move up to this level after the initial adjustment period. Adjust to this level for three to four days. Alkaline water drinkers often consume level 2 or 3.

Level 3 Medium to Strong Alkaline Water



If you choose to drink this level of alkaline water, you may start to detect a strong taste. You may notice calcium buildup on glasses. You can clean it with vinegar. This level can be used for cooking. However, we recommend cooking with filtered water.

Level 4 Strong Alkaline water



This level is used for deep cleaning things like kitchen counters and washing fresh vegetables.

Generally, most people find Level 4 to have a very strong taste. We recommend against drinking water at a 10 pH or higher on a regular basis.

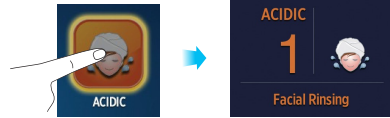
Alkaline Level 1 is 1 pH higher than your source water. Each level of alkaline will increase the pH of the water 1 pH higher than the last setting.

ACID WATER (HYPOCHLOROUS ACID)

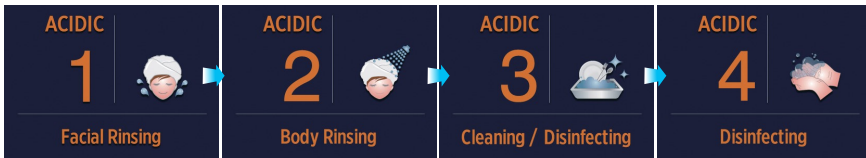
When Using Acidic Water

Acidic water has many uses, including washing the face, brushing the teeth, as a mouthwash, or washing the body. It is also recommended for cleaning surfaces or creating a natural household cleaner. Level 1 acidic water can irrigate plants and flowers. When using with plants, pay attention to the pH that is best for the plant.

1. Press the **"ACIDIC"** button to select the desired acid levels, from 1 to 4. You will hear a voice confirmation that "Acidic Water" has been selected, and the display panel will show an **orange** symbol and an orange number corresponding to the level selected.



2. Whenever you press the acidic water selection button repeatedly, it changes the level of acidic water. Acid water has hypochlorous acid, which can be an effective disinfectant. The level of disinfectant is dependent on the ppm of HOCL.



Acidic water is not drinking water. Be careful not to drink acidic water, confusing it with alkaline water or hydrogen water.

NOTE

Your machine will always "remember" the last setting used. If the previous selection was Acid Level 2, when you select Acid Water again, it will automatically produce water at Acid Level 2.

Some uses for the different levels of acidic water

Descriptions of acidic water levels. Note: pH levels will vary, based on your tap water.

Level 1 Weak Acidic Water.



Facial cleansing. Used for oral hygiene, mouth wash, irrigating flowers and plants, etc.

Level 2 Weak to Medium Acidic Water.



Used for skin care, as an astringent, and oral hygiene, gargling washing your hair, etc.

Level 3 Medium to Strong Acidic Water.



Used for cleaning in the kitchen.

Level 4 Strong Acidic Water.



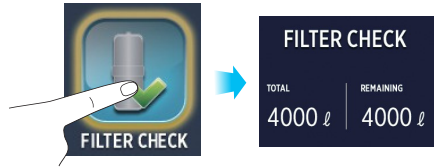
Used for sterilization purposed like washing produce, produce, meat, fish, and poultry.

The ppm of hypochlorous acid will differ based on the chlorides and chlorine in the source water.

FILTER CHECK

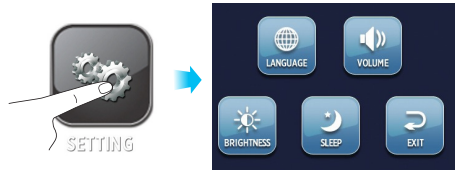
How to Check the Filter

Press the **"FILTER CHECK"** button and the display panel will show a digital filter life in liters.



HOW TO CHANGE SETTINGS

Press the "**SETTING**" button. When the **SETTING** screen appears on the display panel, press the desired button for the settings you want to change.



LANGUAGE SETTING

Press the "**LANGUAGE**" button. When the **LANGUAGE** screen appears on the display panel, press the appropriate button for the desired language.



※Language setting is only available in standby mode

VOLUME SETTING

Press the "**VOLUME**" button. When the **VOLUME** screen appears on the display panel, press the + button to increase the volume, or the - button to decrease the volume.



BRIGHTNESS SETTING

Press the "**BRIGHTNESS**" button. When the **BRIGHTNESS** screen appears on the display panel, press the appropriate button for the desired selection.



SLEEP SETTING

Press the "**SLEEP**" button. When the **SLEEP** screen appears on the display panel, press the appropriate button for the desired selection.

