

Tyent Water Ionizer

User's Manual

MMP Series Products

MMP-7070



MMP-7070 TURBO



MMP-9090 TURBO EXTREME



**MMP-9090TE
THE IONIZER OF 2012**

MMP-11 TURBO EXTREME



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To Our Valued Customers

Thank you for purchasing one of [Tyent MMP Series: MMP-7070, MMP-7070 TURBO, MMP-9090 TURBO EXTREME](#) and [MMP-11 TURBO EXTREME](#) Water Ionizer. In This User's Manual you will find some features may vary from one product to others. Please read thoroughly before using the product.

This product is not intended for commercial use; however it is only designed for domestic use. Please make sure to read all safety warnings and to understand the Use of the Manual before installing or using this product to ensure the safety usage. (Keep the manual handy for easy reference.)

- A. Tyent Australasia is not responsible for any accidents due to the improper use of this machine.
- B. Tyent Australasia is not responsible for any malfunctions due to the improper use of this machine.
- C. Tyent Australasia recommends keeping the warranty card (enclosed) in a safe place and to return to the manual when you have questions during the use or when troubleshooting this unit.

Intended Use

This device creates **functional “active” alkaline, ionized water**. The machine is designed to change the properties of regular oxidised tap water or **“dead water”** through the use of electrolysis into **alkaline ionized water “live water”**. These changes of normal tap water give the water new properties:

- Creation of negatively charged hydrogen ions (anti-oxidants)
- An increase or decrease in pH level
- Increase oxygen saturation only in alkaline ionised water up 100% more O₂
- Clean vegetables and fruits by removing toxins pesticides and other sprayed chemicals
- Wetter or smaller water molecule clusters “4 – 6 H₂O Clusters”.
- Release more nutrition from cooked food
- Alkaline acidic food such as red meat, pork etc... “used level 2 or 3 for cooking”
- Increases the efficiency of the body's absorption by six times of nutrients and oxygen.
- Increases the efficiency of the body to remove toxins from the colon and kidneys.
- Use only neutral water for medication!
- Purification through filtration and adding essential alkaline minerals into the water


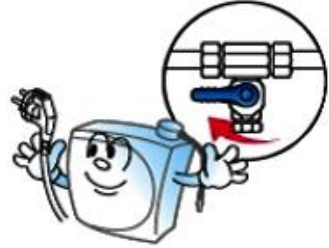






Precautions Before Drinking









Safe precautions are provided for educational and safety purpose. Following this guide line can prevent any internal or external physical harm and/or possible damage due to misuse. Please make sure you fully understand and become familiar with all the safety precautions and warnings associated with this unit. If you have any other question please email or call us directly.

1. It is recommended to consult your local health care physician or call us before drinking functional water **especially** if you are taking medications or you have sensitive or critical health condition. If you are a first-time drinker and your body is fragile, start to drink a small amount for the first week near a neutral pH level. Hydrating and slowly adjusting your body pH will give the body enough time to adjust to functional water during the detoxification period.
2. Drink only Neutral or pH 7 filter water with medication. Do not use functional alkaline ionised water with medications.
3. It is rarely to experience any negative effects from drinking functional water. If this happens than stop drinking immediately and consults with your health care physician or call us directly. Changes of pH in acidic body can move toxins outside your body more than the kidney or liver can handle.
4. It is important to understand how changes in pH and other characteristics of functional water could affect your condition. Check with health care provider or your doctor the impact of alkaline ionised water. Most of these reactions happen when your body is fragile, very weak or have high amount of toxic wastes “drugs, pesticides, metabolic wastes” inside the body.
5. If you have hypo gastric acidity “low gastric acidity”, kidney failure or potassium excretion, you should not drink functional water.
6. It is always recommended to check the pH levels of the functional water dispensed from this unit on a monthly basis to ensure proper function. You can use reagent drops and a pH colour chart.
7. When switching from one pH to another, let at least one glass of water to run before using the new pH, as the machine store this amount before it changes for the new pH .
8. As a general rule, and for those who do not exercise to the sweating point, it is recommended to drink 30 ml for every one kilo of body weight. If you exercise more than one hour per day, than it is recommended to drink 50 ml for every one kilo of body weight.
9. For strenuous exercise and if you take enough magnesium, than you can drink 9.5 to 9.8 pH of functional water. It is not recommended to drink functional water above 10 pH
10. Do not store functional water in plastic or aluminium bottles as they both leach toxic material that us inside your nervous system or body’s tissues. Use our recommended stainless steel bottles. Functional water will lose all its benefits 2 - 3 days.
11. Never run hot water through this unit.
12. Never drink acidic water.
13. It is recommended that you use municipal water as source water (raw water).
14. **DO NOT** use **well water** before calling **TYENT AUSTRALASIA** at **1300-665-636** as this could void the warranty.

Precautions and Warnings

Safety precautions are provided for the safe and proper use of this product and prevent unexpected danger or possible damage. Make sure you will be familiar with the safety precautions for the proper use of the product.







| | |
|---|---|
|  <p>In the case where raw water isn't used over a long period, lock the raw water Valve and pull the power cord out. Otherwise electric shock, fire or leaks may occur.</p> |  |
|  <p>Never poke or scratch the touch screen with a sharp thing. Otherwise, may cause electric shock or damage to the product. (Give a light touch to the touch screen)</p> |  |
|  <p>If alkali water is used over a long period of time, some problems may occur in the product, in such situations use acidic water. The same holds true for the opposite case.</p> |  |
|  <p>During the humid summer months, condensed water can flow out of the product, which is normal for the product. However, in case condensed water keeps flowing out of the product even in the cold weather, contact our service centre. Leaks may occur.</p> |  |

| | |
|--|--|
|  <p>Do not place a vessel filled with water, pharmaceuticals, food and small objects on this product. If introduced into the product, may cause electric shock or fire.</p> |  |
|  <p>In the event that abnormal noise, or burning smell or smoke is generated from the product, immediately unplug the power connector and contact our service centre. Otherwise, fire may occur.</p> |  |
|  <p>In the event that water flows from inside the product, or water present around the product, lock the raw water valve, pull out the line cord and contact service centre.</p> |  |
|  <p>Replace filters according to filter replacement cycles to ensure clean water. If a filter that has reached the end of its life cycle is still in use, purifying performance and product life can be degraded. (Replacement cycle: Primary life 6 months, secondary life 6 months) Even though the filter replacement indicator lamp isn't turned on, replace filters every 6 months to maintain the purifying performance of this product</p> |  |





Safety Precautions



Safety precautions are provided for the safe and proper use of this product and prevent unexpected danger or possible damage. Make sure you will be familiar with the safety precautions for the proper use of the product.

Cleaning











| | |
|---|---|
|  <p>Pull the power cord out and clean it. Do not spray water directly onto the power cord or do not clean it with benzene or thinners, which may cause electric shock, fire or damage to this product.</p> |  |
|  <p>Dry thoroughly dust or water on the area where the power cord and pin come into contact with each other.</p> |  |
|  <p>Do not spray water onto the main body or do not clean the main body with damp cloth. Otherwise, a short circuit or electric shock may occur. <i>On the case where the LCD gets contaminated clean with a damp cloth.</i></p> |  |

Other

| | |
|--|---|
|  <p>When moving this product to another place, don't drag the power cord which, may cause electric shock or fire.</p> |  |
|  <p>Do not disassemble or refurbish this product at your discretion. Otherwise electric shock or damage to the product may occur.</p> |  |

| | |
|--|--|
|  <p>Use purified or filtered water, not alkaline or acidic water as supply water to the fishbowl containing goldfish and tropical fish that may die due to a changed environment.</p> |  |
|--|--|

Installation

| | |
|--|---|
|  <p>Do not install this product near heat appliances. Never place a candlelight or cigarette on this product. Otherwise fire may occur.</p> |  |
|  <p>Do not install this product at a sloped location and do not apply excessive force or impact to this product, which may cause physical injuries and damage to the product.</p> |  |
|  <p>Do not connect raw water to the hot water supply line. Otherwise, a failure or accident may occur. (Be sure to connect raw water to the cold water supply line)</p> |  |
|  <p>Install this product around the sink and always allow water to be drained into the sink.</p> |  |
|  <p>Install the acidic water outlet hose below the height of the product. Make sure the end of the hose is installed in such a way that it is less than 20cm from the bottom of the product. Otherwise, product performance can be degraded, and residual water may remain unextracted.</p> |  |

Water Ionizer MMP Series Unit Specifications

| Specification | MMP-7070 | MMP7070 T | MMP9090 TX | MMP11 TX |
|---------------------------------------|--|-------------------|----------------------|--------------------|
| Model Name | MMP 7070 | MMP 7070 TURBO | MMP 9090 TURBO EX | MMP 11 TURBO EX |
| Purifying Mode | TM Filtration Mode | | | |
| Rated Voltage | 110-240 a.c. 50/60 Hz | | | |
| Power Consumption | 85 -185 W | 280 W | 375 W | 550 W |
| Operating Pressure Range | 0.1 – 05 MPa | | | |
| Extraction Construction | Flexible Tube | | | |
| Additional Function | Electronic Extraction Construction | | | |
| Product Size | 40.0 x 11.6 x 41.6 cm / 15.7 x 4.5 x 16.3 inches | | | |
| Product Weight | 5.6 kg / 12.3 lbs. | | | |
| Display Unit Configuration | 3 steps alkaline, water purification, 2 phase acidic water, under cleaning voice, filter replacement display, pH concentration level display | | | |
| FILTER MATERIAL | | | | |
| FILTER Configuration Replacement Type | Primary: ACF activated carbon fibre Secondary: ACF activated carbon, ceramic Revolving Cartridge | | | |
| Filter Life Display | LCD filter replacement display and voice announcement | | | |
| ELECTROLYTE CELL | | | | |
| Pole size | 5.5 x 13.1 cm / 2.2 x 5.2 inches / 0.5 T | | | |
| Number of Poles | 7 | 7 | 9 | 11 |

Product Features

This product features a combination of Taeyoung's highly advanced technology, elegant design and advanced electronic control unit, providing ease of operation and excellent performance.



■ Electrolytic antibacterial system

The energy generated when extracting targeted water allows for inhibiting microorganisms from multiplying, and automatic cleaning allows for maintaining optimal conditions.



■ Advanced water purifying filter system

The highperformance primary filter and functional secondary filter enable the optimal purifying condition complying with tap water.



■ Automatic Safety Diagnostic Function

After the installation of the product, a safety diagnostic procedure follows to give voice announcement if acceptable conditions may arise.

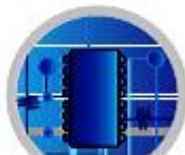
Safety Function

- In the event of suspension of water supply, a warning message is issued prior to stopping water outflow.
- This function prevents the electrolyte cell and power supply unit from being damaged due to overcurrent within the electrolyte cell.
- This function allows water outflow to stop automatically to prevent water from being wasted and to prevent water leaks arising from user's carelessness.
- This function allows you to set pH and ORP levels according to the amount of water inflow.
- This function allows you to distinguish from back light colors to prevent acidic water(yellow back light) from being taken.
- Auto Cleaning Function
- Voice Announcement Function



■ Automatic Extraction/Stop Function

5 minutes after the function is selected, water outflow is stopped to prevent overflow.



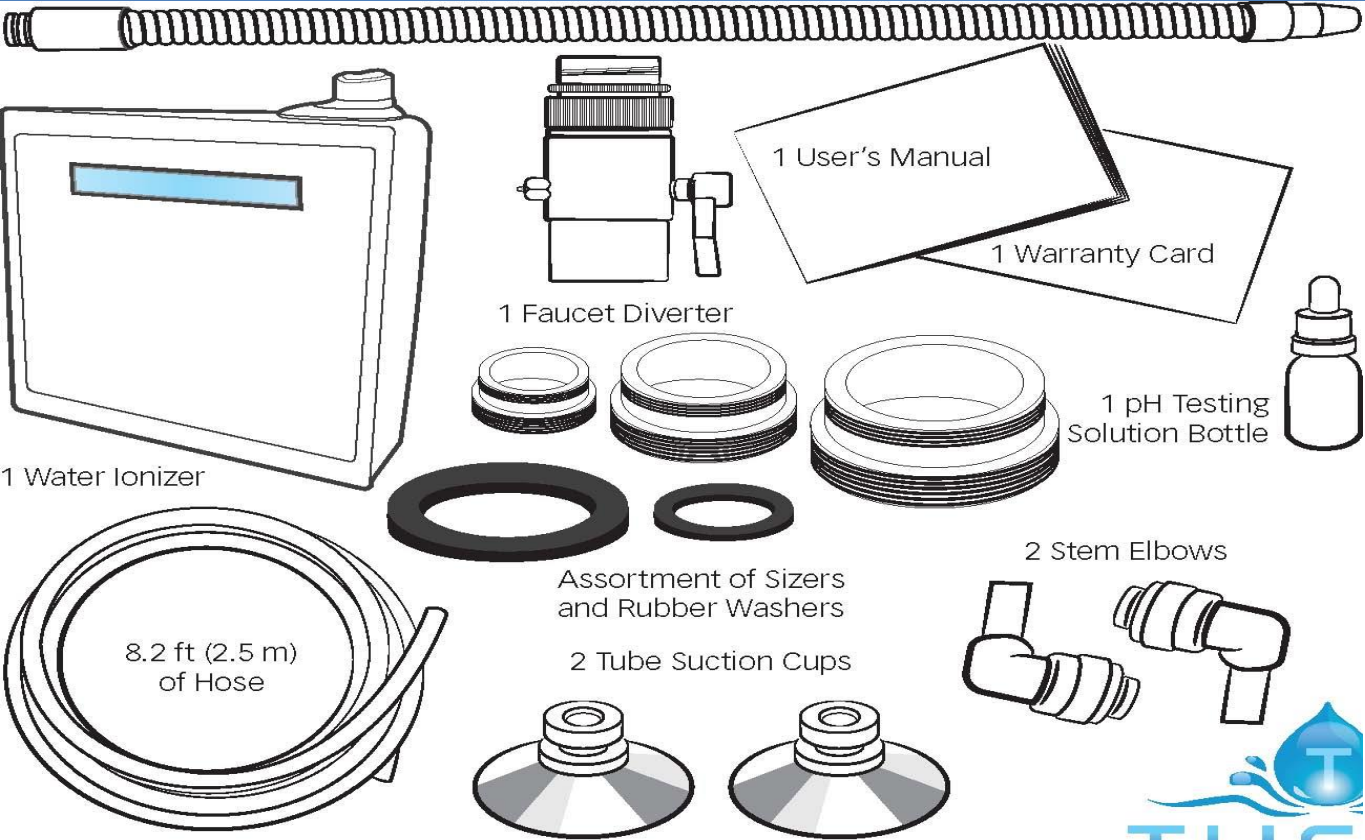
■ SMPS Type Power Supply

CFU monitors the power supplied to different types of parts, thereby ensuring this product is used in a stable manner.

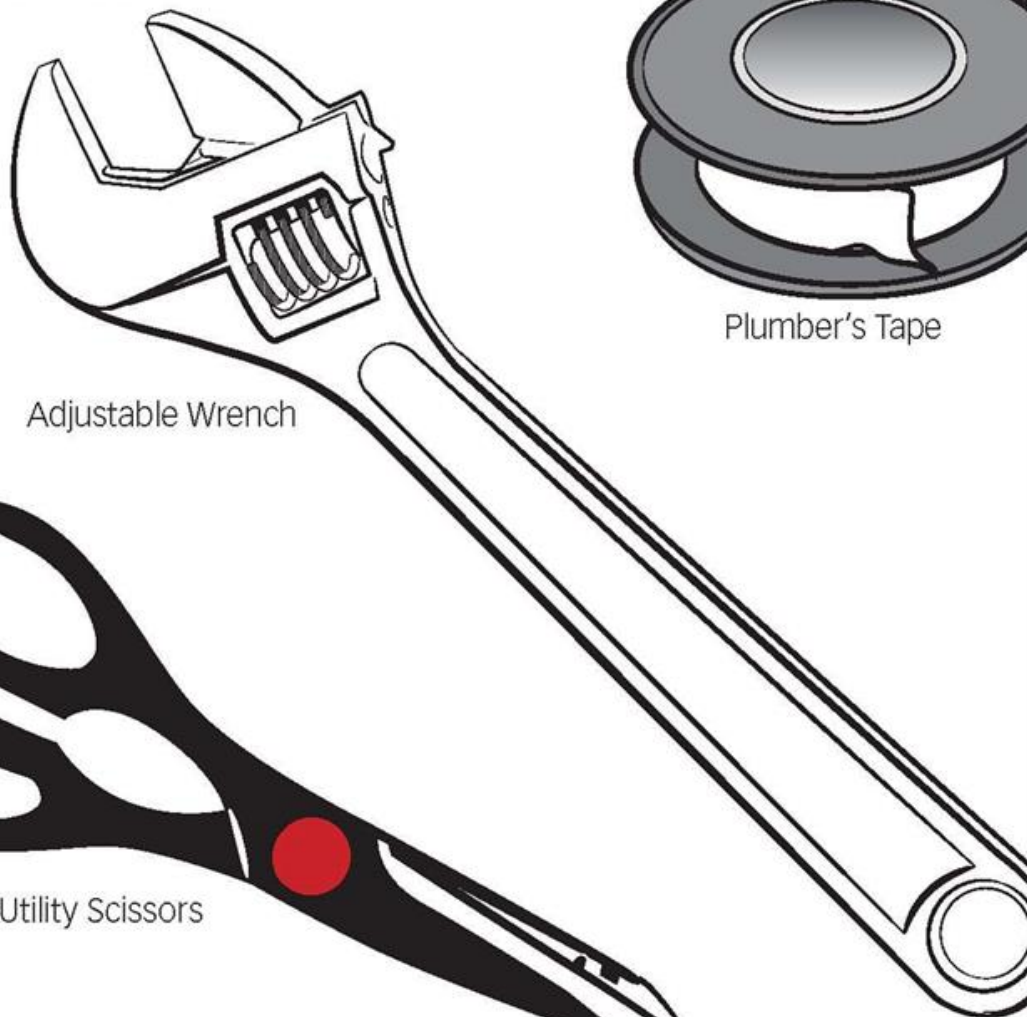
Product Features

1. **Fully automatic system embedded with central processing unit (CPU).** Every aspect of creating functional water is controlled by the CPU chip that automatically finds an optimal operating condition using flow rates and water quality.
2. **Automatic water outflow.** Simply pressing the touch button allows you to start and stop the flow of functional water.
3. **Voice announcement.** Voice announcement for different functions and safety warnings ensure safe and convenient use.
4. **Filter replacement cycle.** This unit features a filter life cycle display and voice announcements designed to let you know when it is time to change the filters. Every 6 months is best for optimal performance.
5. **Sensible and elegant design.** This unit uses a compact and elegant design to blend with the rest of the kitchen appliances.
6. **Touch LCD display colour back light.** The colour back light on the LCD display allows you to distinguish alkali water from acidic water.
7. **Advanced water purification system.** The advanced performance of the primary filter and functional secondary filter enable optimal purifying conditions for tap water.
8. **Automatic Stop Function.** Five minutes after a function is selected, water outflow will stop to prevent overflow or flooding.
9. **SMPS type power supply.** A CPU monitors the power that is supplied to different parts of the unit, thereby ensuring efficient performance.
10. **TURBO function.** *(only in the MMP-7070T & MMP-9090 TX models)* Generates strong acid and alkaline water with sterilizing, antibacterial cleaning power.
11. **Electrolytic antibacterial system.** The energy generated when extracting targeted water inhibits growth of microorganisms. Automatic cleaning helps maintain optimal conditions.
12. **Automatic Safety Diagnostic Function.** After the installation of the TYENT unit, a safety diagnostic procedure follows to check performance. Voice announcements note when unacceptable conditions arise.
13. **Safety Functions.** The outflow of functional water stops automatically when raw water is not supplied, preventing the electrolytic cell and power supply unit from being damaged due to current overflow, water from being wasted and accidental water leaks. This function also allows you to set pH and ORP levels according to the amount of water inflow, to distinguish pH from backlight

Package Contents



Tools you will Need



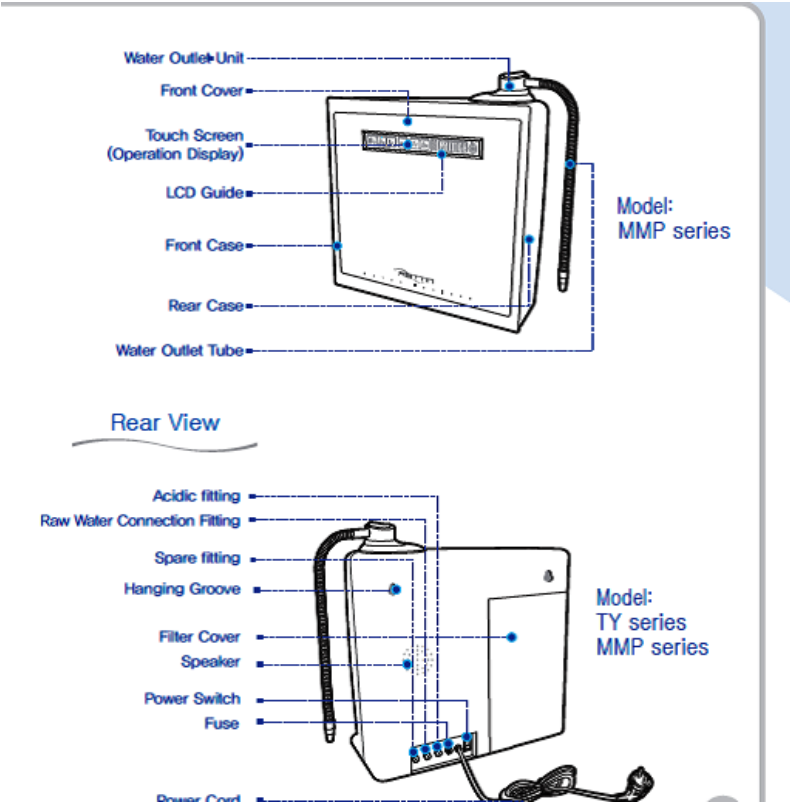
Adjustable Wrench

Plumber's Tape

Utility Scissors

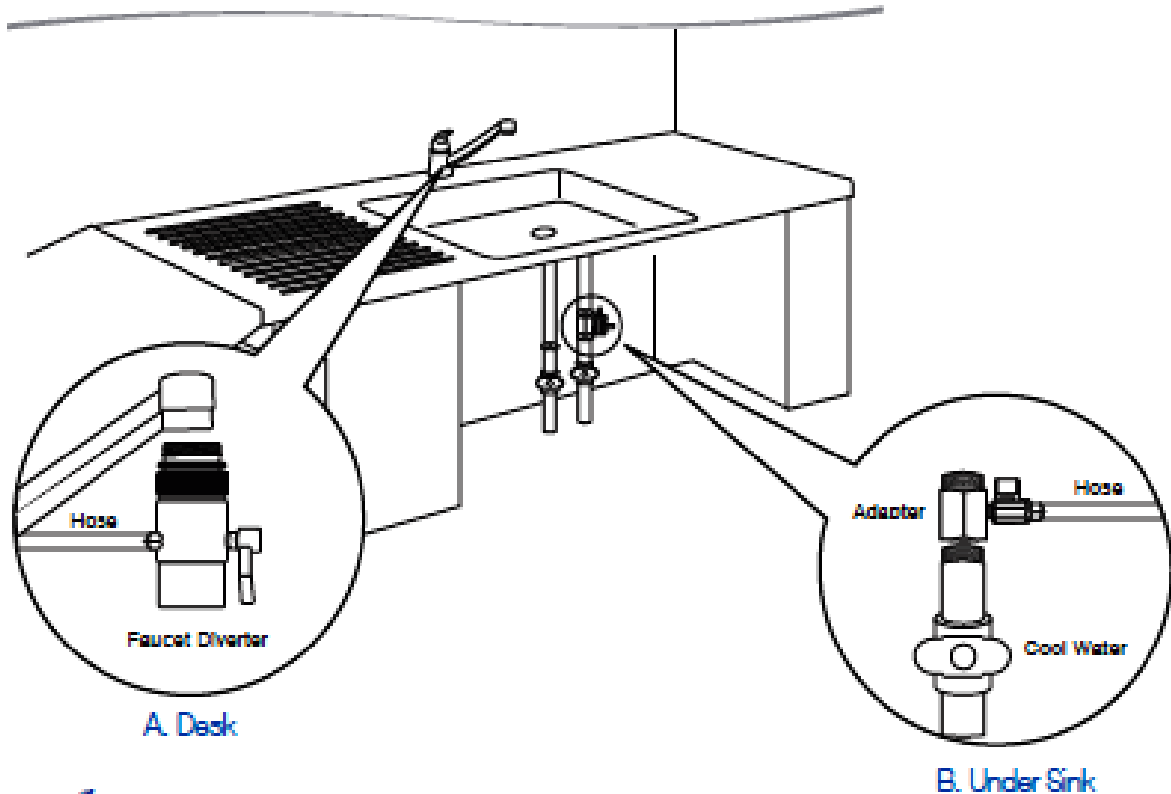
Unit Overview

Make sure you are familiar with the parts and features of this unit, and carefully read the user's manual and other important information.



How to Install the Unit

Installation of a tube in the wall-mounted faucet



- 1: Lock the main valve on the water pipe.
- 2: Separate the tap from the water pipe
- 3: Turn the adapter to allow it to be fitted in the water pipe.
- 4: Assemble the tap back into the adapter.
- 5: Connect the valve to the adapter before connecting the water inlet hose to the nipple.

Other Option comes with the included DVD in all Machines.

It is strongly recommended before installing the water ionizer machine, to first watch the DVD and follow the instructions as it is demonstrated. If you still have problem, then give us a call 1300 .

Contents



- ▶ Name: Water Outlet Tube
- ▶ QTY: 1



- ▶ Name: Faucet Diverter
- ▶ QTY: 1



- ▶ Name: Steam Elbow
- ▶ QTY: 2



- ▶ Name: Tube Fixing
- ▶ QTY: 2



- ▶ Name: pH Reagent Bottle
- ▶ QTY: 1



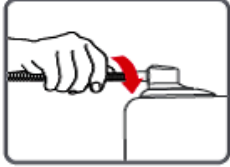
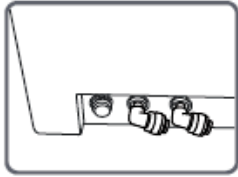
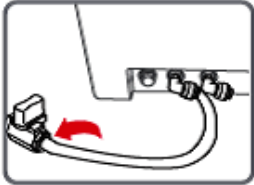
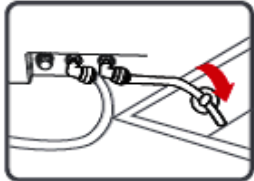


- ▶ Name: HOSE
- ▶ QTY: 2.5m

The Others

- ▶ User Manual 1EA

To make the best functionality, there may be some changes without notices.

Water Hose Installation

| | |
|---|---|
|  | <p>1: Place the product on the planned installation location, and turn the alkali water outlet tube clockwise to the water outlet unit positioned on the top of the product to allow for assembling.</p> |
| <p>2: Put each steam elbow to be fitted in the raw water inlet fitting and acidic outlet fitting on the rear of the product.</p> |  |
|  | <p>3: Measure the distance between the location where the product is installed and the adapter installed in the water tap and then cut a sufficient length of hose to allow it to be connected to the raw water inlet on the rear of the product.</p> |
| <p>4: Cut a 50 to 70cm length of drain hose and connect it to the drain on the rear of the product. Make sure the drain hose is positioned lower than the product.</p> |  |
|  | <p>5: Allow the product to be plugged in (If power is applied the melody 'ding dong dang' comes in)</p> |
| <p>6: If "Alkaline or Acidic water function" is selected, auto cleaning is performed for 15 seconds, and the selected functional water comes out of the water outlet.</p> |  |

Attention


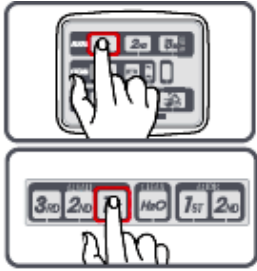
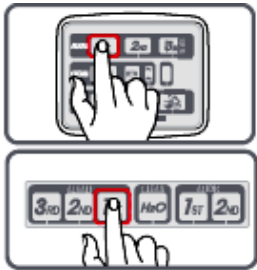

- ❖ In the use of power failure during operation, the product will not work
- ❖ Remove the power cord from wall socket and shut off the raw water valve

In the event of suspension of water supply

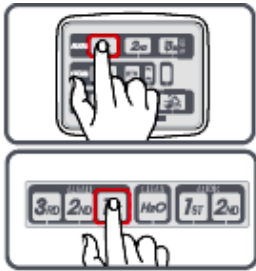
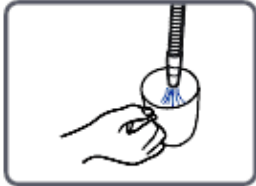
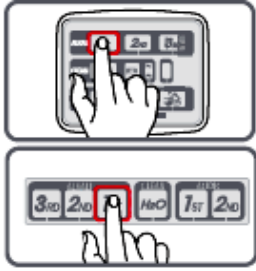
- ❖ The product cannot be used
- ❖ In the case where water supply is cut off during use, shut off the raw water valve.
- ❖ When water supply is resumed, open the tap prior to opening the raw water valve in order to allow air and foreign matter in the pipe to be discharged to the outside

If air and foreign matter get into the main body, filter life may be shortened.

Initial stage of installation

| | |
|--|---|
|  | <p>1: When the product is installed and power is applied to it, a melody comes in and the product gets ready for use in water - purifying mode. Backlight starts to blink</p> |
|  | <p>2: When the targeted icon is selected in water - purifying mode, auto cleaning is performed once for about 15 seconds at the time of initial water outflow and then water is extracted from the selected icon.</p> |
|  | <p>3: When you touch the icon you selected again, water supply is stopped.</p> <p> A voice announcement saying "Under Cleaning" that is issued while the product is in use does not indicate the product operates improperly or fails. In such cases, you can use this product after auto cleaning is done for 15 seconds.</p> |

Directions for Selecting Functions

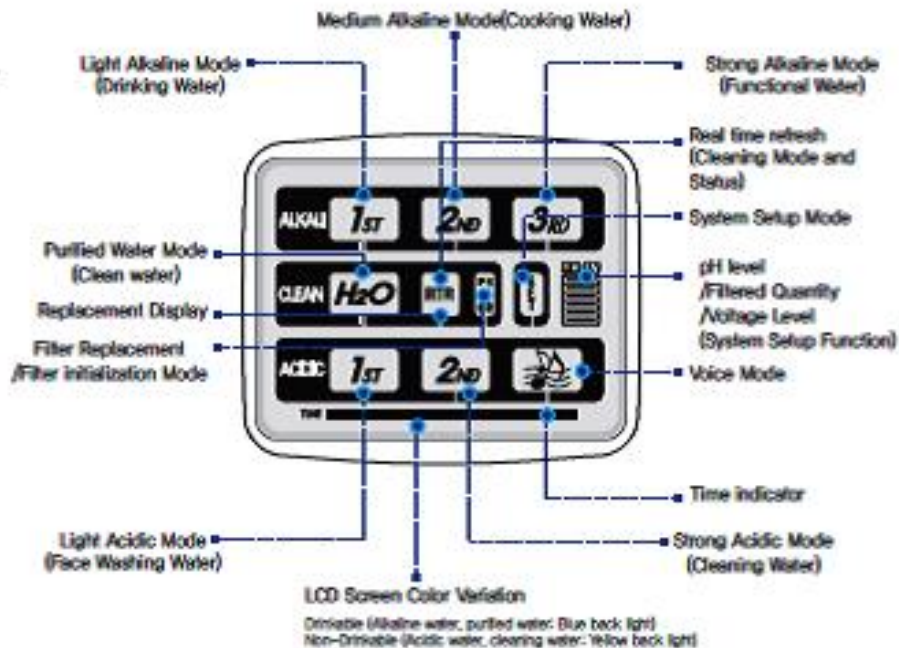
| | |
|---|---|
|  | <p>1: Drinking Water Mode Selection Light Alkaline Water</p> |
|  | <p>2: Water Outflow The selected icon flickers during water outflow. If the selected icon isn't pressed once more, the product automatically stops after a 5 minute period of water flow.</p> |
|  | <p>3: Water Outflow Stop Select the flickering drinking water icon</p> |

*If you select a function make sure to use your fingers in lightly touching the icons on the LCD

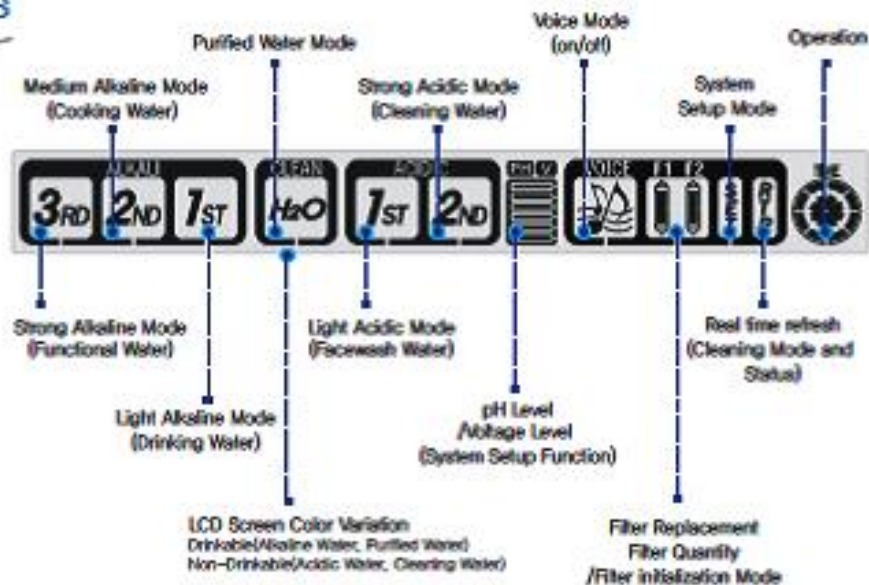
LCD Display and Touch Pad Overview

Make /sure to be familiar with designations for different product parts and carefully read about operating guide and other information.

TY series

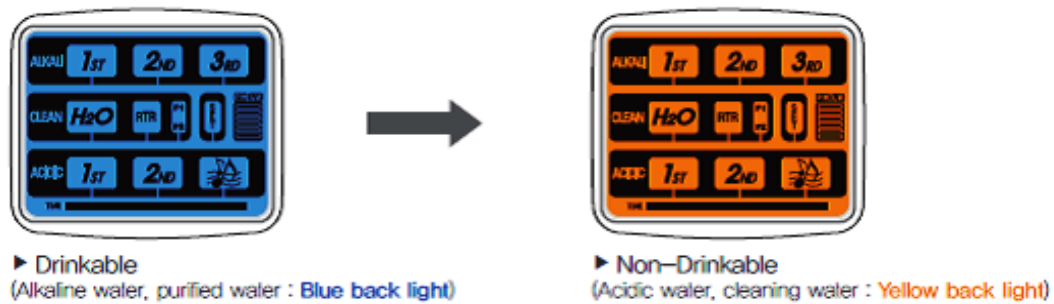


MMP series

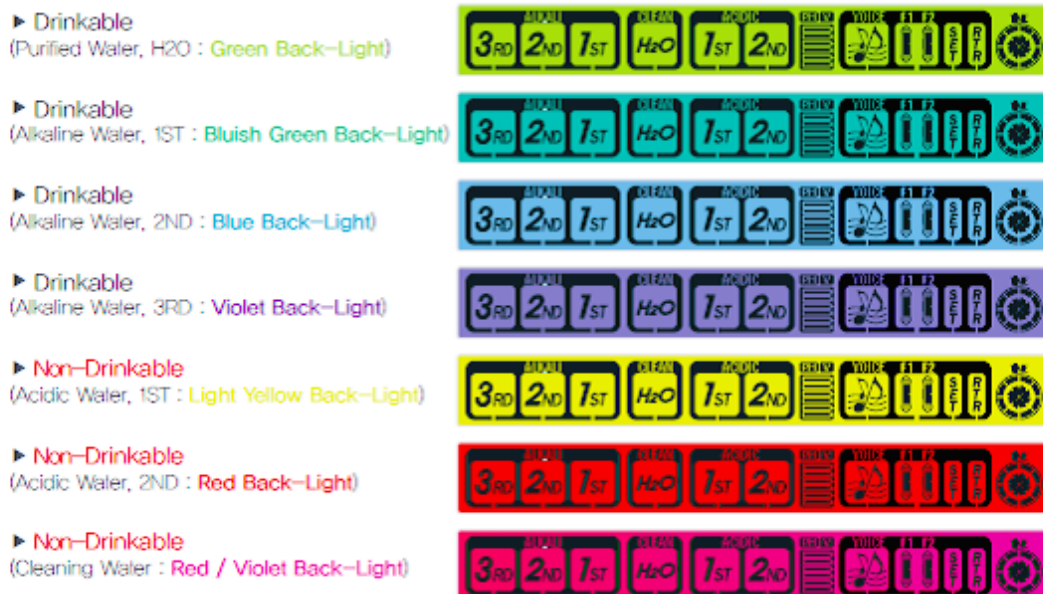


Notices

TY Series: If the Alkaline water (drinking water, cooking water and functional water) and purified water icons are selected, the blue black light is turned on. On the other hand, if the acidic water (face washing water and cleaning water) is selected, the yellow back light is turned on. The yellow back lights notify you to avoid drinking acidic water.



MMP Series: When Alkaline Water (1st, 2nd, 3rd). Purified Water (H₂O) and Acidic water (1st, 2nd) Icons are selected, back -light is turned on the same as standard colorimetine paper.



Directions for Product Use

1ST

Light Alkaline Water

Drinking water (suitable during the initial stage of drinking)
Suitable for those who are a first-time drinker of alkaline water

- Suitable for cooking

2ND

Medium Alkaline Water

Cooking water (suitable during the middle stage of drinking)
When you want to soak out tea with cold water, you can make soft tea in about a half hour.

- Suitable for cooking
- Suitable for floriculture
- Prevents fruit browning

3RD

Strong Alkaline Water

Functional water (suitable during the last stage of drinking)
When washing vegetables, or using it for boiled food, the color of vegetables and boiled food becomes clearer.

- When getting ready for cooking
- During cooking
- When making tea with cold water
- Prevents fruit browning

Cleansing Reaction

! Alkaline water is strong enough to push body wastes out. It actively serves to pass your urine, evacuate your bowels and makes you perspire, which is normal reaction to recovery. As such, you are recommended to keep drinking alkaline water.

H₂O

Purified Water

Purified water (Drinking water)
Suitable for use in daily drinking; especially suitable for use in blending pharmaceuticals and powdered milk.

1ST

Light Acidic Water

Face-washing water (Non-drinkable)
Suitable for skin care by using as face-washing water

- Anti-bacteria effect after face washing, bathing, and shaving

2ND

Strong Acidic Water

Cleaning water (Non-drinkable)
Suitable for post-dish washing rinsing due to anti-bacteria effect

- Suitable for use in cleaning chamber pots
- Suitable for use in cleaning bath rooms
- Suitable for use in cleaning dish towels



Voice Announcement

Main product features and motions are notified by the voice announcement. Pressing the voice icon allows you to operate/release the voice announcement function.



System Set-up Function

Ionizer supply voltage adjustment and filter life initialize.

Volume Control

1: Change the mode to the system setting mode by pressing the setting icon on the LCD for three seconds.

-Back Light: (TY Series: Amber, MMP Series: White)

-Voice Message: "it is the system setting mode"

2: When the voice icon (Volume Control) is pressed for 1.5 seconds, a melody sounds and the voice icon blinks.

-LCD indication: Level indication (indicates the present set volume)

3: When the voice icon blinks, press the F1 or F2 icon to control the stage. (F1: ascend, F2: Descend)

-Voice Announcement: Whenever F1 or F2 is pressed. "Voice function works" is announced with a changed voice volume.

-LCD indication: it indicates the changed volume or voice

4: When the voice is changed to a proper volume, complete the stage control by pressing the blinking voice icon or return to water out mode by pressing icon for three seconds.

-Back Light: (TY Series: Blue, MMP Series: Green)

Voice Message: "Setting is completed".

Power Mode Set-Up

1: Press the setting icon on the LCD for three seconds to change to the setting mode.

-Back Light: (TY Series: Amber, MMP Series: White)

-Voice Message: "it is the system setting mode"

2: Power level by function can be controlled by pressing the power level icon to which power changes for 1.5 seconds.

-Voice Guide: Drinking water (Alkali 1st stage)/ Cooking Water (alkali 2nd stage)/ Functioning Water (Alkali 3rd stage)/ Face Washing Water (Acid 1st stage)/ Washing Water (Acid 2nd stage)

-LCD indication: Level indication (Indicate the present set stage). Changing icon (Blink)

3: Press the F1 or F2 icon to adjust the stage when the icon to be changed blinks. (F1: ascend, F2: Descend)



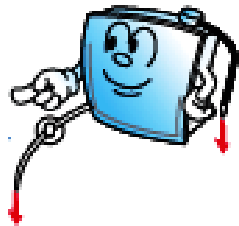
4: After changing it to its proper level, complete the stage control by pressing the blinking icon or return to the water out mode by pressing the setting icon for three seconds.

-Back Light: (TY Series: Blue, MMP Series: Green)

Voice Message: "Setting is completed".


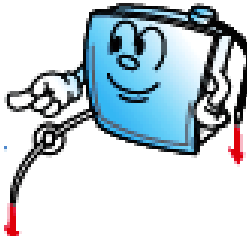
Cleaning Icon (TY Series, MMP - 5030, 5050)




Allows for cleaning the inside of the product in auto/manual mode.

| | | |
|---|--|---|
|  <p>[Model : TY series]</p>  <p>[Model : MMP-5030,5050]</p> | <ul style="list-style-type: none"> ❖ Auto cleaning Functions (15 Seconds) <ul style="list-style-type: none"> -Performed during water outflow after more than 12 hrs. of non-operation. -Performed after 30 litre or larger water outflow - Performed during water outflow after power is turned on again. <p>Cleaning is notified by the fact that the cleaning icon and back light flicker before auto cleaning is performed.</p> <ul style="list-style-type: none"> ❖ Manual Cleaning Function (15 Seconds) <ul style="list-style-type: none"> - Select this icon when the user deems necessary to perform cleaning. - RTR (Real Time Refresh) Cleaning refers to the technology whereby cleanliness is maintained in a real time manner. |  |
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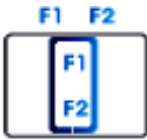


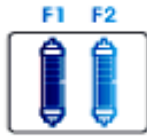
Cleaning Icon (MMP - 5031, 5051)

Allows for cleaning the inside of the product in auto/manual mode.

| | | |
|--|--|---|
|  <p>[Model : MMP-5031,5051]</p> | <ul style="list-style-type: none"> ❖ Auto cleaning Functions (15 Seconds) <ul style="list-style-type: none"> -Performed during water outflow after more than 12 hrs. of non-operation. -Performed after 30 litre or larger water outflow - Performed during water outflow after power is turned on again. <p>Cleaning is notified by the fact that the cleaning icon and back light flicker before auto cleaning is performed.</p> <ul style="list-style-type: none"> ❖ Manual Cleaning Function (15 Seconds) <ul style="list-style-type: none"> - Select this icon when the user deems necessary to perform cleaning. - RTR (Real Time Refresh) Cleaning refers to the technology whereby cleanliness is maintained in a real time manner. ❖ 2 Way Auto cleaning Functions (15 Seconds) <ul style="list-style-type: none"> Performed during water outflow after more than |  |
|--|--|---|

| | | |
|--|--|---|
|  <p>[Model : MMP-5031,5051]</p> | <p>12 hrs. of non-operation.</p> <ul style="list-style-type: none"> -Performed after 30 litre or larger water outflow - Performed during water outflow after power is turned on again. <p>Cleaning is notified by the fact that the cleaning icon and back light flicker before auto cleaning is performed.</p> <ul style="list-style-type: none"> ❖ 2 Way Auto cleaning Functions on RTR (Patent Application No 05-116759) (Utility Model registration No 0409340) <p> Pressing the cleaning icon during the cleaning process allows you to stop cleaning for a while.</p> <p>Do not attempt to drink water discharged during the cleaning process.</p> |  |
|--|--|---|

F1: 1st Filter, F2: 2nd Filter

| | |
|---|--|
|  <p>[Model : TY series]</p> | <ul style="list-style-type: none"> ❖ Filter Replacement Cycle Alarm Function <p>- The scale inside the filter icon shows the consumption level of the filter.</p> <div style="display: flex; justify-content: space-around; align-items: center;">   </div> |
|  <p>[Model : MMP series]</p> | <p>- 1st Alarm: Flashing of F1 or F2 on the filter means that the filters should be replaced.</p> <p>-2nd Alarm: Is a voice message saying “Please Exchange Filters” is issued; contact our service centre for fast filter replacement.</p> <p>Note: Filter life can vary significantly due to the change of the season, water quality, water pressure, and amounts of water used. If the flow rate shows a rapid reduction or when water tastes abnormal, replace filters.</p> <p>Recommended Filter Replacement Cycle</p> <p>F1 (1st Filter): 3600L</p> <p>F2 (2nd Filter): 3600L</p> |



Attention

When a delay of filter replacement occurs, alkaline water and acidic water may not be extracted.

Status Display Icon



-Alkaline pH Level Display: Indicates pH Levels

- Voltage Level Display (System Setting Function): Indicates Property Levels for different types of mode.

Time Indicator



It will show the remaining time for the projected end time while waters being extroverted.

Water Outflow Display Icon



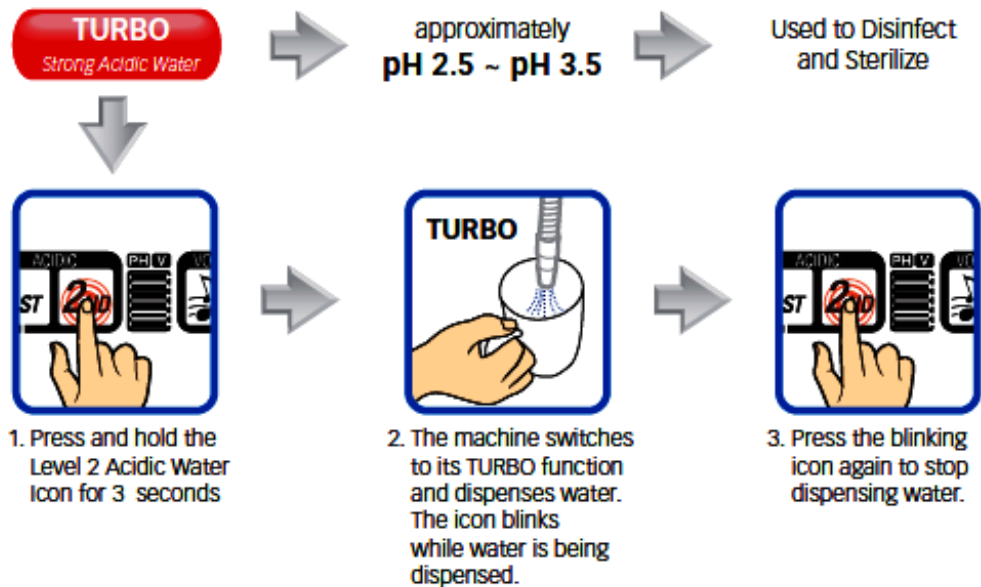
It will show the status while water being produced.



It will show the remaining time for the projected end time while water being produced.

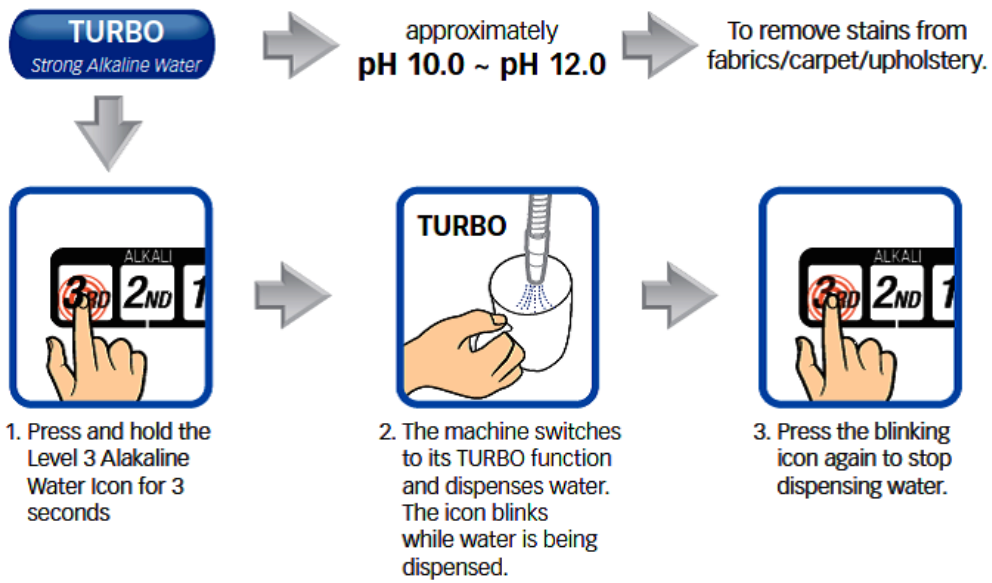
Turbo Function

The TURBO Function, only in the **MMP-7070 Turbo** and **MMP-9090 Turbo Extreme** models, allows you to create strong alkaline and acidic water. These types of water are **ONLY** to be used for cleaning, sanitizing and disinfecting purposes. **NEVER DRINK THESE TYPES OF WATER.**



While operating in the TURBO function the machine automatically stops dispensing water after dispensing for 5 continuous minutes.

Note: In areas of the country where source waters have above hardness values than normal, it may be necessary to slow the flow of the water through the machine in Turbo Acidic Mode to achieve lower acidic pH levels. This will allow the unit to perform a much higher degree of separation between alkaline and acidic materials.

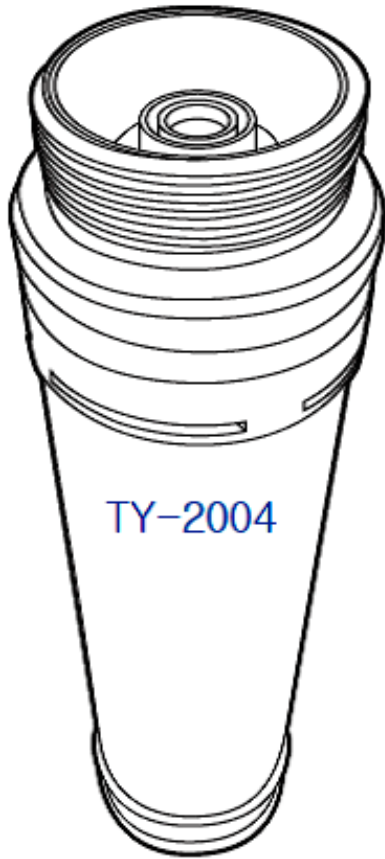


Caution



The waters produced in **TURBO** mode are not intended for drinking.
DO NOT DRINK these types of waters.
DO NOT Use the **TURBO** function in a manner other than directed.

Filter Configuration



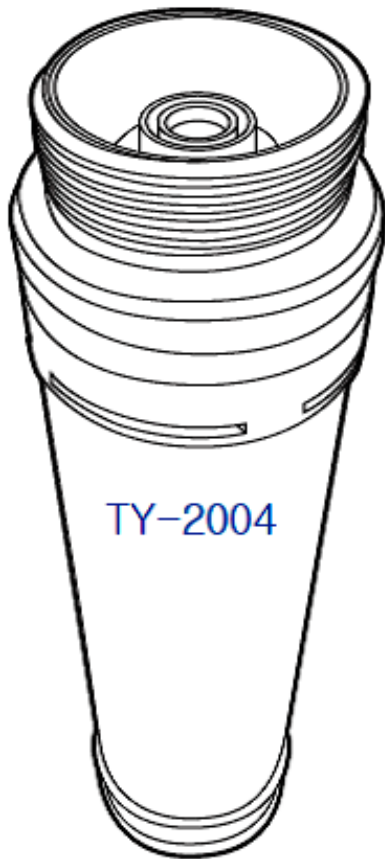
Recommended Filter Replacement cycle: 3,600L

This product is composed of a high-performance purifying filter and an advanced control device. It delivers reliability due to stringent system control and manufacturing.

ACF Activated Carbon Fibre

Removes various smells from water and make water tasty.

Info: Life of filter can vary greatly due to usage, water pressure, water quality and seasons. Filter has to be replaced sooner than scheduled time when water quantity reduces greatly or water taste changes for worse.



2nd: TM - Ceramic Filter

Recommended Filter Replacement cycle: 3,600L

ACF Activated Carbon Fibre

Removes various smells from water and make water tasty.


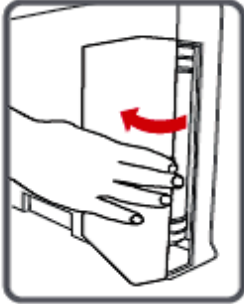
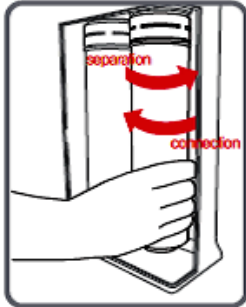
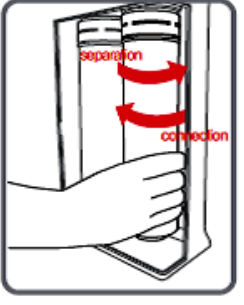

TM Ceramic

This filter rich in inorganic minerals provides excellent heat conductivity, and facilitates dissolution of nutrients thereby speeding up metabolism.

Info: Life of filter can vary greatly due to usage, water pressure, water quality and seasons. Filter has to be replaced sooner than scheduled time when water quantity reduces greatly or water taste changes for worse.

Filter Replacement

Replace filters according to the filter replacement cycle notified by the voice announcement. Delay in filter replacement can cause the product to function improperly.

| | |
|--|--|
| <p>1: Unplug the power cord to ensure safety.</p> |  |
|  | <p>2: Open the filter cover.</p> |
| <p>3: Turn the target filter counter clockwise for separation.</p> <p>4: Turn the new filter clockwise for connection.</p> |  |
|  | <p>5: Close the filter cover</p> <p> When reconnecting the filter cover, take care of the product units and cord.</p> <p>Otherwise, the product may be damaged or operate improperly.</p> |

6: Plug in the power cord.



7: Initialize the filter you intend to replace in the System Setup Mode

Setting Filter Reset Mode

1. Replace the target filter.
2. Press System setup icon for 3 seconds.
A voice saying "System setup mode" is issued.
3. After replacing the filter, press the icons F1 and F2 continuously twice.
A voice saying "1st filter/initializing was performed." is issued.(Quantity Filtered Reset)
A voice saying "2nd filter/initializing was performed." is issued.(Quantity Filtered Reset)
※ Unless the quantity filtered is reset, the corresponding filter replacement message keeps repeating.
4. Press the System setup icon for 3 seconds.
A voice saying "Setup is complete." is issued.
5. The water outflow selection mode is available for operation.

8: The functional water you selected comes out of the water outlet.

pH Level Control

1. Applicable during the initial stage of installation or when adjusting pH levels during use
2. Press System setup icon for 3 seconds.
A voice saying "System setup mode" is issued.
3. Increase: Press the drinking water icon(light alkaline water)
– This function allows you to adjust voltages to upper levels.
Decrease: Press the face-washing water icon(light acidic water)
– This function allows you to adjust voltages to lower levels.
※ After setting the mode, allow voltages to be automatically adjusted according to water pressure.
※ Factory-preset in a two-phase manner.
※ The V-scale allows for identifying adjusted levels.
4. Press System setup icon for 3 seconds.
A voice saying "Setup is complete." is issued
5. The water outflow selection mode is normally available.

Recommendations for Using this Unit

Make sure to be well familiar with storage and special usage to enjoy better effects in your daily life.

Directions for Alkaline Water Application

Drink Alkaline water 2 to 3 cups per day as drinkable water. If there are no symptoms, you are recommended to drink alkaline water at higher pH levels.

Note: There can be some first time drinkers of alkaline water who feels nauseated with a smell of disinfectant or soil which are the unique properties of alkaline water. But you can drink alkaline water in it.

Directions for Alkaline Water Storage

- As a storage vessel of alkaline water, use glass, plastic containers, and chinaware all of which have excellent resistance to corrosion.
- Keep alkaline water in a sealed container within the refrigerator. This alkaline water is available for use to three days. Take it within one day.

Special Alkaline Water Usage

- When cooking rice : Before getting rice ready to cook, wash rice with acidic water and soak it in alkaline water for 30 to 60 minutes. When the rice is completely cooked, it becomes cooked ion rice that has a good polish just as cooked glutinous rice. It tastes good and allows for maintaining its freshness and allows a long storage time.
- Coffee, Red tea etc.: Removes the bitterness of coffee and the astringency of red tea while giving fragrance to both coffee and red tea.
- To remove the smell of fat and make them tastier, soak fresh meat and astringent vegetables in alkaline water for 20 to 30 minutes.
- To maintain freshness, wash vegetables and fruit with alkaline water for a long storage period.
- Alkaline water is good for hangovers when taking it before going to sleep or when the stomach is empty in the morning.
- An ice cocktail in Alkaline water makes your taste softer and smoother.

Special Acidic Water Usage

- Burns and Staunching: Acidic water delivers excellent styptic characteristics and outstanding recovery after disinfection. As such, if cut wounds or burns are soaked directly in acidic water or if a poultice is applied, good results will be obtained.
- Gargling and Respiratory Diseases: In the case of a sore throat or heavy cough, gargle with acidic water. Teeth ridge irritations can be alleviated by performing massaging with acidic water.
- Disinfection Effect: Soak tableware, kitchen board, dish cloth etc. in strong acidic water for about 20 to 30 minutes.

Cleaning your Tyent Unit

Your Tyent MMP Series Water Ionizer has 2 modes of cleaning: **Manual** and **Automatic**.

1. **Manual** cleaning function lasts 15 seconds and can be manually set to clean the unit whenever desired. Simply touch RTR icon. (Real Time Refresh). **NOTE:** Should you wish to discontinue cleaning during the process, simply touch the RTR icon again.
2. **Auto-cleaning** function lasts 15 seconds and is performed during water outflow after more than 12 hours of non-operation, after 30 litres (7.9 gallons) of water outflow or each time the power is turned off and on. The unit will blink between purple and red as an indication of the Cleaning Cycle Mode. Press Alkaline 1, 2 or 3 to start cleaning. After 15 seconds, the water mode selected will be dispensed. A distinct melody will be heard during this process. To stop flow of water, simply push the same button again.

How to Change the Fuse

1. Unplug the power cord.
2. Locate the fuse cap on the lower back of the unit and turn it counter-clockwise to remove it.
3. Pull out the blown fuse and insert a new fuse.
4. Replace the fuse cap.

Important Information



Please request from a qualified service repair person to replace the fuse with a manufactured fuse. The consumer accepts all responsibility for any units failures and malfunctions if a non-manufacturer specific parts are used

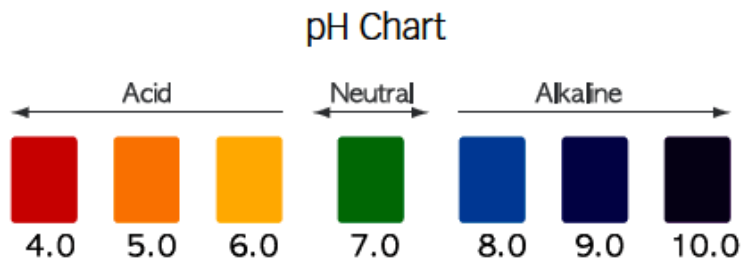
Troubleshooting

Things to be confirmed before requesting after-sales service

Before requesting after-sales service, be sure to check the following:

| Symtoms | Checkpoints | Measures to be Taken |
|--|--|--|
| Water tastes abnormal | Check the product for the period of use. | Operate the product so that it should be drained of stagnant water for one minute. |
| | Check the filter for replacement time intervals. | Request that the filter should be replaced. |
| No water outflow Amount of water generated different from specified | Check if the valve on the raw water supply line is closed. | Open the valve. |
| | Check if the hose is bent or folded. | Stretch out the hose. |
| | Check if flow rates are low (lit /min or slower) | Contact our A/S center to install a water pump. |
| | Check if water supply is cut off or if the water supply line is frozen. | Wait until water comes out of the water supply pipe. |
| Incorrect pH levels (pH samples are provided on a fee-for-service basis) | Check the purifying filter for being clogged. | Request that the filter should be replaced. |
| | Check water for solidity. | Depending on regions and water quality, pH levels may vary. |
| | Check flow rates for higher levels. | Reduce the amount of raw water. |
| The filter replacement icon remains turned on even after the filter has been replaced. | Check if the amount of water drained is small. | Set the system. (Request for after-sales service). |
| | Check if the filter flow rate is initialized. | - Initialize the filter flow rate in the System Setting Mode. - Request for after-sales service. |
| The product automatically stops while it is producing reduction water. | Check if the continuous operating time exceeds 5 minutes. | Water production is automatically stopped in 10 minutes in order to prevent water outflow due to user's carelessness. |
| Leaks from the filter or product | Check the filter for proper mounting. | Immediately deplug the power cord and request for after-sales service. |
| | Check for the inside of the product with the exception of the filter for any leaks | |
| Hazy substance settles down on the bottom of the bottle filled with reduction water | Check if calcium ions and carbonic acids bond together in water, forming deposits. | Depending on raw water quality, calcium minerals in raw water are extracted. There is no problem in drinking the calcium minerals in water. However, it is recommended that the customer should request for after-sales service to protect the product units in the case where such calcium minerals are generated in a continuous manner. |
| Only purified water is extracted | Check if the flow rate is low (1kg/af or slower) | Contact our A/S center to install a pressurized pump. |
| | Check if the flow rate is high (5kg/af or faster) | Contact our A/S center to install a pressure-reducing valve. |
| The product doesn't operate in Cleaning Mode | Check if the amount of working water exceeds 30ℓ . | The product returns to the normal condition after performing auto cleaning for 15 seconds. |
| | Check if the operating time exceeds 12 hours. | |
| | Check if the Cleaning icon is pressed. | |

- The consumer accepts any and all responsibility and/or liability if replacement filters and/or parts are not manufacturer specific.
- This product is subject to changes that enhance its performance without prior notification.



How to Measure: Place 10-15 ml of test water in a container and add 2-3 drops of reagent. Then, mix well and check color of the water with the pH chart above. (Color is dependent on water quality and reagent)

MADE IN KOREA



Water For Life

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