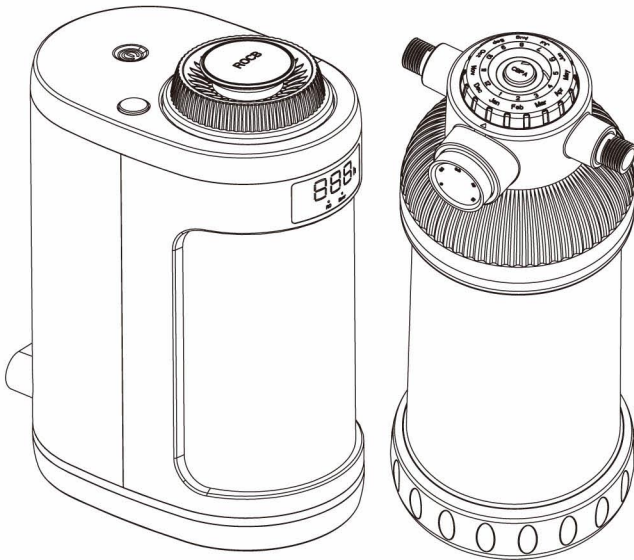


HYDRAPURE



INSTRUCTION MANUAL

Triton X12 Water Purifier

Item No.: **361X12**

Product precautions

- ▶ A control valve switch must be installed at the inlet of the Triton X machine where tap water enters, in order to cut off the water source for later maintenance or avoid long-term use, in order to prevent damage to the internal parts of the machine caused by excessive water pressure
- ▶ The water source requirements are applicable to municipal tap water. If the tap water quality in the user area is poor, and there are problems such as turbidity and sediment, in order to protect and use the pure water machine more safely, a pre precision filter needs to be installed at the inlet of the pure water machine to preliminarily filter out large particulate matter, which can effectively extend the service life of the Triton X machine and strengthen the protection of the pure water machine.
- ▶ The water pressure is used between 14.5psi and 58psi. If the water pressure is too high, a pressure reducing valve needs to be installed to ensure the safety of the Triton X machine; If the water pressure is too low, it is necessary to install a booster pump to increase the pressure to ensure that the Triton X function works properly.
- ▶ Please do not approach strong acidic or alkaline substances to avoid corrosion to the Triton X machine.
- ▶ If the water quality is poor, it is recommended to do maintenance and replace the filter element every 3-6 months to take safer care of your and your family's drinking water health.
- ▶ After installation, first flush the water purifier for about 30 minutes. At this time, black gray water and foam will flow out. This is the protective liquid and activated carbon powder in the filter element. It is normal. Clear purified water can be seen in a few minutes.
- ▶ The output flow rate of a pure water machine is related to temperature, water pressure, water quality, and the degree of clogging of the filter element. When the temperature drops, the water pressure decreases, and the water quality is poor or the filter element is severely clogged, the water volume will decrease.
- ▶ If you want to stop using this machine for a long time, please first disconnect the power and turn off the water inlet control valve switch. When continuing to use, be sure to turn on the water purifier faucet, drain the original water from the water purifier, and rinse for another 10 minutes before normal use.

Technical Parameter

Product Name : Triton X water purifier	Water Source : Municipal tap water
Product Number: 361X12	Water Inlet Pressure: 14.5-58psi
Rated Total Net Water Volume:1056 Gallons	Filter Accuracy: 0.0001µm
Purified Water Flow Rate : 83-1gpm	Applicable Temperature: 41-100°F
Product Specifications: Host 12.2x7.87x16.69 in; extension ϕ 6.14 x 15.18 inch	
Effluent Quality: Compliant with Annex 4C of the Ministry of Health's Health Law Supervision and Development [2001] No. 161 document, "Hygiene, Safety and Functional Evaluation Specification for Drinking Water Quality Processors - Reverse Osmosis Treatment Device"	

Important Note :

- Applicable to municipal tap water to ensure the normal use of machines and filters
- In cases where the source water quality is poor, please install a pre filter at the front end of the product to provide preliminary pre-treatment and extend the service life of the machine filter element.
- Please keep the sewage pipe unobstructed and do not block or install valves, otherwise it will cause the water quality of the product to not meet the standard and damage the machine.

Note: Due to product improvement and innovation, the above parameters may change. Please refer to the product label, where TDS value refers to the total dissolved solids in water.

Function Introduction

1. After 3 seconds of powering on the machine, the buzzer will sound once and all lights will light up; After 3 seconds, the machine will enter the shutdown state. Press the "Power On" button to turn it on, and at the same time, the flushing function will turn on automatically. Rinse for 30 seconds (the RO indicator light is always white), and then the machine will enter the water making state. Press the "Power On" button to forcibly shut down.
2. When the RO indicator light is always white, long press the power button for 5 seconds to rinse for 10 minutes.
3. After turning on the machine, wait for 48 hours and the machine will automatically flush for 30 seconds.
4. When the water pressure reaches the rated breaking pressure of the high-pressure switch, the circuit is disconnected, the inlet solenoid valve and booster pump are powered off, and the wastewater solenoid valve is opened. After flushing the RO membrane for 3 seconds, the wastewater valve is powered off and closed; When the water pressure drops to the high pressure switch circuit and it closes again, the inlet solenoid valve and booster pump continue to be energized.
5. Accumulate 30 minutes of water production, and the combination flushing solenoid valve will automatically flush for 30 seconds. After continuous water production for 60 minutes, the error light turns red and flashes, and the alarm beeps. The machine show "E2". Every half an hour, the alarm sounds three times. The pump and inlet solenoid valve stop working, and press the "Power" button to restart and start normally.
6. The service life of the RO filter cartridge is prompted for replacement based on the pump start time. The RO light displays the usage status of the filter cartridge, and the digital display time indicates the water production time. The service life of the RO filter element has expired. If the water production is not stopped, the machine will work normally.
7. Energy saving mode: In standby mode, there is no water production, no flushing, no abnormal alarm, no button operation. After 60 seconds, only the power button will light up, and other lights will turn off. Press any key to wake up and restore normal display status.
8. Leakage protection: When the leakage plate comes into contact with water, the fault light will remain red (water making and flushing are not allowed) and the buzzing will continue. The machine show "E1"

9. Electronic faucet (Optional): When the machine is powered on, both "raw water (TAP)" and "Triton X (RO)" do not light up; In standby mode, the ROCB indicator light and long strip light are always on. The service life of the RO filter element depends on the pump start time from 0 h to 106 h, and the light strip is always on with a white light; From 106 hours to 212 hours, the light bar will always light red; Water production (using pure water) status, the "Pure Water (RO)" light is on; Only Triton X TDS is displayed, and the TDS indicator light (WiFi light) is synchronized with the digital display light on or off.

Replacement time of main components of pure water machine

Users can determine the replacement time based on the local water quality. We recommend the replacement cycle for the filter element of the pure water machine:

CBPA: First level PP+AC composite filter Replacement Time: 8-12 months

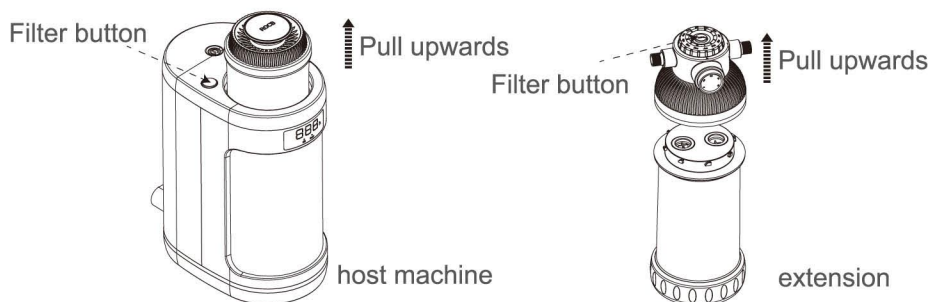
High Flux 1200G: Second Stage Ro Reverse Osmosis Membrane Post Activated Carbon Composite Filter Replacement Time: 12-24 months

In general, if the following situations occur, consider replacing the filter element

1. When the taste of the effluent water decreases and the TDS of pure water increases;
2. The effluent flow rate has significantly decreased;
3. The surface of the filter element is covered with pollutants, and the color of the filter element is severely discolored;

Steps and methods for replacing filter cartridges

1. Close the inlet ball valve on the three-way valve, open the clean water faucet to drain the remaining water inside the machine;
2. Unplug the power connection cable of the LCD indicator screen;
3. RO membrane replacement: Press and hold the filter element button, then directly pull it out and replace it with a new filter element.
CBPA replacement: Press and hold the filter button and lift it up to replace the new filter.
4. Plug in the power connection cable of the LCD indicator screen, open the water inlet ball valve and faucet. After a few seconds, the water will come out; The filter cartridge can be left to self discharge for 10 minutes. Firstly, the activated carbon filter ensures over current function while extending its service life. Secondly, there maybe a small amount of activated carbon powder washed out, causing dark colored water to flow away. ROCB filter element, press the "switch" button for 5 seconds on the machine and rinse for 10 minutes. Plug in the power connection cable of the LCD indicator screen, open the water inlet ball valve and faucet. After a few seconds, the water will come out; The filter cartridge can be left to self discharge for 10 minutes. Firstly, the activated carbon filter ensures over current function while extending its service life. Secondly, there maybe a small amount of activated carbon powder washed out, causing dark colored water to flow away. ROCB filter element, press the "Power" button for 5 seconds on the machine and rinse for 10 minutes.
5. Observe if the host is leaking water. After 10 minutes, turn off the clean water faucet and complete the installation.



Installation Method

- ★ Before installation, please carefully check whether the required tools and accessories are fully equipped; Do not connect electricity or water before installation

Step 1:

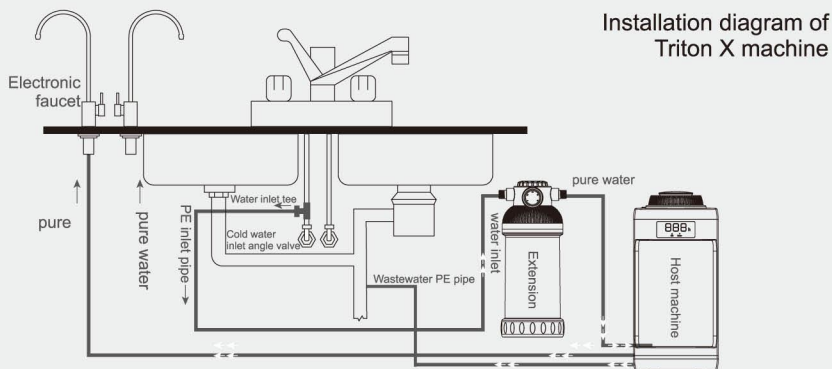
Before installation, make a reasonable layout for the position of the tap water valve and the size of the cabinet space to achieve a clean and practical installation of the entire machine.

Matters Needing Attention

1. Nowadays, most household water basins use cold and hot water pipes for water supply, and when installing the pure water machine, cold water pipes (municipal tap water) are selected for water supply.
2. The whole machine is placed normally.

It is generally recommended to install Triton X machines in the kitchen. Depending on the user's kitchen structure, the machines can be placed in cabinets or against walls, as long as the pipelines are unobstructed.

When installing, close the inlet valve, remove the hose connecting the original faucet and water pipe, connect the tap water to the inlet of the unit, connect the outlet of the unit to the clean faucet and the inlet of the Triton water machine, and connect the discharge outlet of the pure water machine to the wastewater pipeline. During the installation process, wrap the outer teeth of each interface clockwise with thread seal tape and tighten it to ensure that the Triton water machine does not experience water seepage



Step 2: Installation of faucet

1. Generally, the left and right corners of the sink are chosen, and the installation should be based on the user's usual usage habits of the sink (washing vegetables, washing fruits). Choose the sink corner that the user commonly uses.

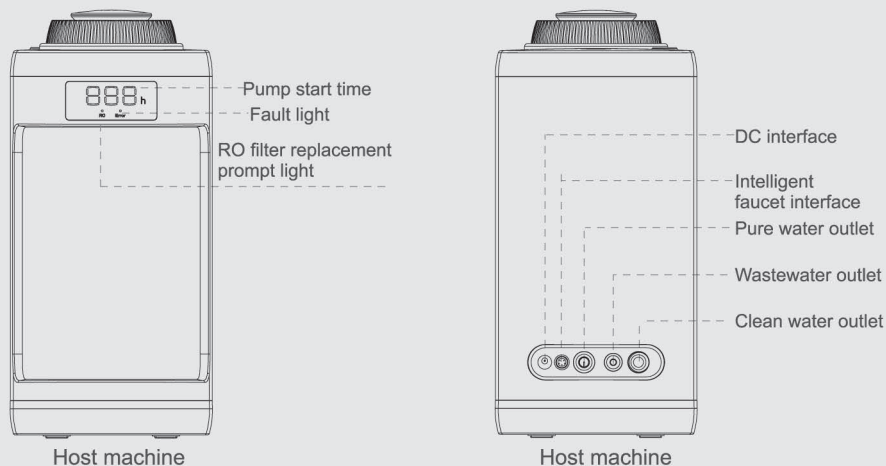
Step 3: Installation of intelligent electronic faucet hose

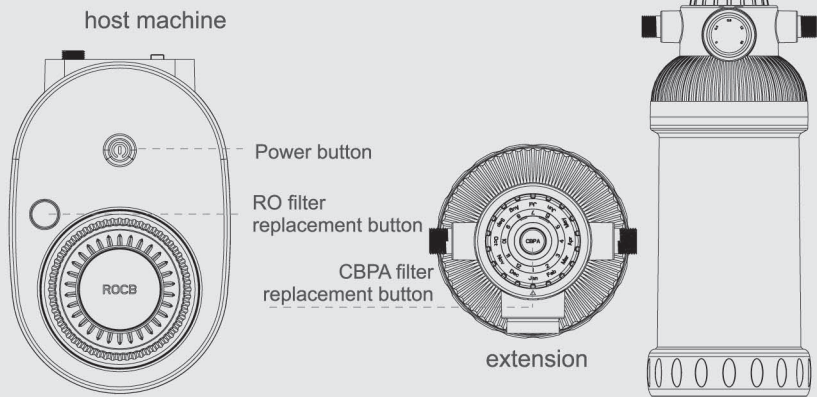
1. Take out three parts of the PE pipe, three parts of the quick connect straight, and the faucet.
2. Insert one end of the three-way PE pipe firmly into the three-way quick connect.
3. Insert the power cord of the smart electronic faucet into the device interface.

Step 4: Check the installation results of the entire machine

1. After connecting the hoses of the entire machine and confirming that they are correct, open the ball valve to supply water and connect the power supply to allow the entire machine to work. Conduct a final inspection of the entire machine before installation.
2. During testing, the ratio of pure water to wastewater output can be visually observed, with a normal ratio of 2:1.

Note: The entire machine will automatically flush for one minute when it starts working.





Power button:

1. Press the button to turn on or off the device;
2. When the RO indicator light is always white, long press the power button for 5 seconds to rinse for 10 minutes
3. When the RO indicator light is yellow or red, long press the power button for 6 seconds to reset.

Limited Product Warranty

The Triton X series water filtration system offers a 30-day money-back guarantee, a 3-year manufacturer warranty, and lifetime technical support for all our products from the date of receipt. During the warranty period, we will replace or repair any parts identified as defective, provided the product has not been tampered with, altered, neglected, or misused after delivery. Any costs for repair or replacement due to these excluded circumstances will be the responsibility customer

Conditions for Validity of this Limited Product Warranty

This warranty is only valid if:

1. The feed water pressure is between 14.5 psi and 58 psi.
2. The feed water temperature ranges from 41°F to 100°F.
3. The pH of the feed water is between 6.5 and 8.5.
4. Turbidity is below 1.0 NTU.
5. The feed water is municipal tap water, if using well water, it must have undergone pre-filtration.
6. Total Dissolved Solids (TDS) are below 750 ppm,
7. Maximum hardness is under 7 grains per gallon.

Please note that any information or advice regarding our products is provided for your convenience. Water quality can vary seasonally, and your water usage may change over time. The manufacturer is not liable for determining the necessary equipment to meet your needs, nor do we authorize others to make such determinations on our behalf. It is your responsibility to verify and test the suitability of any product information for your specific application.

Conditions that Void this Limited Product Warranty

This warranty will be void if:

1. The product is purchased from unauthorized sellers or sources other than our official website or authorized dealers, as we cannot confirm the product's authenticity.
2. There is improper storage, installation, maintenance, handling, use or alterations, including failure to follow the instructions provided in the Manual and this warranty.
3. The product is used in a manner not intended for a reverse osmosis system, including unreasonable or unintended use.
4. Non-Hydropure replacement parts, filters, membranes, or accessories are used.
5. Damage occurs that is not related to manufacturing defects while the product is in the original purchaser's possession.
6. The product is installed with visible manufacturing defects known at the time of installation.
7. Damage arises from freezing, flooding, fire, or acts of God.

Limited Product Warranty Cont

Our sole obligation under this warranty is to repair or replace non-conforming products or parts, or at our discretion, to refund the purchase price upon the return of the product. This obligation does not cover transportation costs, and we are not responsible for damage during transit; any such claims must be directed to the carrier by the customer. The warranties described here are the only warranties provided by us regarding the product. We make no other warranties, express or implied, including any warranties of fitness or merchantability, except as explicitly stated.

Note: Some states may not allow limitations on the duration of implied warranties. If you decide to return the system, you may do so; otherwise, the above limitations will apply to you.

Return & Repair

If you are unsatisfied with your product, we accept returns within the designated return period. To initiate a warranty claim, please email us at service@drinkhydropure.com with your name, order number, phone number, a description of the product, and details about the defect. We are here to help!

