Who we are

- SimPure® is a purification brand based in the United States, focusing on engineering filtration and advanced purification technology.
- SimPure® promotes the philosophy of a minimalist lifestyle, returning to nature with clean water and fresh air.
- SimPure® designs products to be both smart, easy to operate, and practical in appearance and functionality.

Contact Us

If you require technical assistance, please contact our friendly professional support engineers, who will be pleased to assist you.

4530 B STREET NW #A,
AUBURN WA 98001, USA

Customer Service: service@simpurelife.com
Toll-Free: 1-866-528-4572
Website: www.simpurelife.com

4530 B STREET NW #A,
AUBURN WA 98001, USA

Y7P-BW



SimPure® stay simple, stay pure

Water Filtration System

Model: Y7P-BW(Y7P Series)

Retain owner's manual for future reference

REGISTER AND EXTENDED ONE YEAR WARRANTY

Please register your items within 30 days of your purchase at

simpurelife.com/pages/warranty-registration

or scan the following QR code

Note: All SimPure® products come with a 1-year warranty from the date of purchase. Follow the steps above to register and enjoy an extra year of product warranty - that's double the peace of mind!

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Warning & Caution

SimPure® products are designed with safety in mind. However, personnel using these units must be familiar with any potential dangers. All safety information detailed in this handbook should be reviewed before installing and operating this water purification system.

This product is not a toy; please keep children away from the water purifier or use under adult supervision. Please keep packing materials out of children's reach.

The system has been designed for indoor use only. Install the system out of direct sunlight on a flat, level, dry, and secure surface in ambient room temperature.

Do not move the system without first isolating the power supply and draining the feed water tank.

This unit is for use with cold municipal tap water or potable well water that has been tested safe by a certified laboratory. Never use hot water or unknown/unsafe sources of water.

The installation of the system must comply with your local and state regulations. Please check before commencing installation.

In case of malfunction, isolate the water supply to the system. If any part of the system is damaged or missing, replace the item before use.

Warnings and Cautions are provided; Failing to observe the instructions could result in damage to the equipment, associated parts, surroundings, or personal injury.

Operating guidelines

The following table lists the operating parameters for this product. Operating this product outside these specifications may cause system performance issues and may even lead to personal injury and void any warranty.
Please contact SimPure® for further advice and support.

Operating Parameters	
Model	SimPure® Y7P-BW(Y7P Series)
Production rate (up to) Dependent on feed water type and temp.	8.8 fl.oz (260ml/min) 4.1Gallons/hr. (15.6L/hr.)
Filter Life Expectance Dependent on feed water type and temp.	528 Gallons (2,000L)
Feed Water Type	Municipal Potable/Tap water or Well water meeting government drinking water standards
Feedwater Temperature	41-100°F (5-38°C)
Rated Voltage	110V 60Hz AC
Rated Power	30W
Dimensions	17.3 x 15.7 x 7.4 Inche (440 x 400 x 188 mm)
Weight	14.8Ib (6.7kg)
Storage Reservoirs	1.3 Gal. (5L) Feed water Reservoir 0.4 Gal. (1.5L) Pure water Reservoir
Feed Water TDS* Level	< 500 ppm

* TDS = Total Dissolved Solids, which is the total weight of all solids dissolved in a given volume of water, expressed in units of mg per unit volume of water (mg/L), also referred to as parts-per-million (ppm). With a SimPure® TDS meter, you can easily compare the system outlet quality with your source water to help monitor the performance of the System.

Installation guide

System Contents

Your SimPure® Y7P-BW Countertop Water Purification System was carefully assembled, packaged, and shipped complete with all the parts you should require to get the System up and running.



Y7P-BW System



Drip tray



Filters (installed)



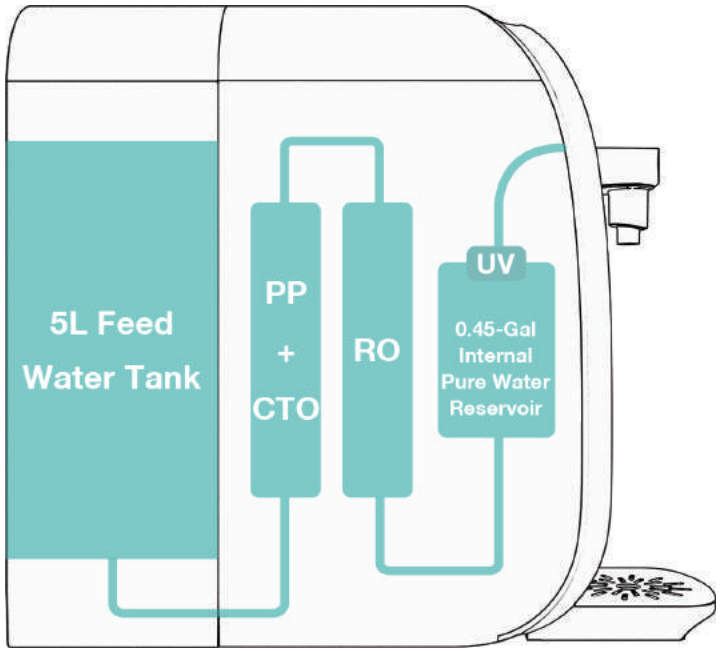
Feed Water Tank
1.3 Gallons (5 Liters)

Unsure about something? Is there a problem?
Please contact SimPure® through our website or toll-free number.

Customer Service: service@simpurelife.com
Toll-Free: 1-866-528-4572
Website: www.simpurelife.com

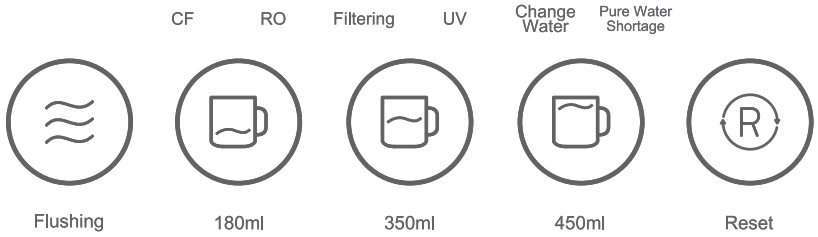
System Features

Compact design, no plumbing required, simply plug the Countertop Water Purification System into an electrical outlet and fill with potable (tap) water to be purified. Push the control button to dispense.



Note: SimPure Y7P Series Water Purifier is not an instant filtration system. When the water level of the internal pure water reservoir reaches the preset minimum water level, the system will automatically start filtering, sending pure water to the internal pure water reservoir. When the water level reaches the preset maximum water level, the system will stop filtering.

Control and Display Panel



CF / RO
Indicates when the user needs to replace the filters.

Filtering
Indicates System is filtering water.

UV (UV wavelength range: 260~280nm, UV dose: 35μJ/cm^2)
Indicates that the Ultraviolet light is working.

Change Water
Indicates the Feed Water Tank contents must be emptied and refilled.

Pure Water Shortage
Indicates that there is not enough pure water in the interal pure water reservoir, need to wait for the system to filter

Flushing
Indicates the System is flushing.

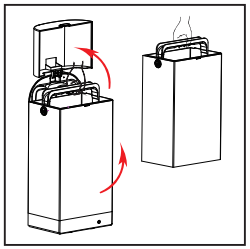
180ml / 350ml / 450ml Dispense
Indicates the System will dispense the selected amount of purified water.

Reset
Indicates when the filter cartridges are exhausted

Please refer to page 12 for full detailed descriptions of each function.

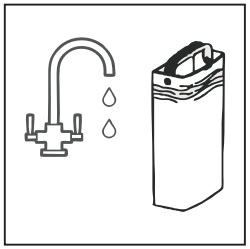
Connecting up the System

Step 1



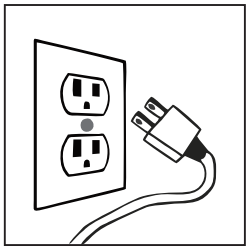
Unpacking- Choose a suitable countertop, flat, secure, and out of easy reach of small children. Place the drip tray under the outlet. Allow rear space for access. Open the feed water tank cover and lift out the water tank. The System is already pre-fitted with the filter cartridges for your convenience.

Step 2



Fill water tank- Fill with potable (tap) water, then carefully fit the Feed Water Tank into the base of the System, making sure the tank lid is installed correctly, or the System will not operate. When refilling the Tank, always EMPTY the remaining water before refilling. DO NOT exceed the MAX level.

Step 3



Turn the System on- Plug into an electrical outlet. All indicator lights will be on and flash twice. You will hear 2-beeps. Flushing, 180ml, 350ml, 450ml, and Reset indicators will all be lit for a short period when the system is turned on.

IMPORTANT:

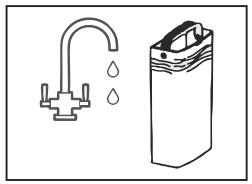
TO ENSURE GREAT TASTING FRESH WATER AND TO EXTEND THE FILTER CARTRIDGE LIFE ITS RECOMMENDED TO EMPTY AND REFILL THE FEED TANK WATER ON A REGULAR BASIS (ONCE A DAY).

Notes:
There is no power switch; unplug device should you need to turn it off.

Flushing System

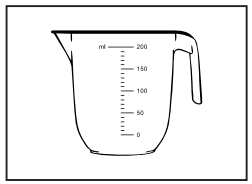
If you are commissioning the system for the first time or have just replaced the filter cartridges, please follow the below steps for 3-5 TIMES to ensure that the system gets adequately flushed before using.

Step 01



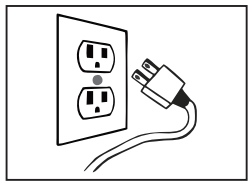
Always start the system flushing with a new tank of the potable (tap) water. Carefully fit the feed water tank back into the tank base and close the cover.

Step 02



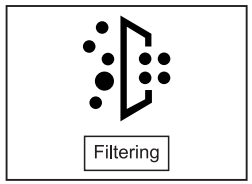
Place a large container on the drip tray and have another container ready to alternate.

Step 03



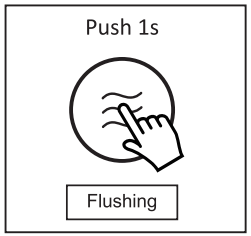
Plug it in, the system will automatically flush the membrane for 30 seconds, then the "filtering" indicator light will be on.
(Membrane flushing is the internal flushing. The flushed water will be returned to the feed water tank with no water out of the water spout.)

Step 04



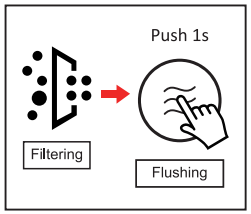
Filtering - the system will automatically start to filter and transfer the pure water to the internal pure water reservoir. Waiting until the filtering indicator light turns off (about 10 mins), which means that the internal pure water reservoir is full.

Step 05



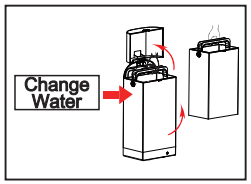
Empty the internal pure water reservoir to flush – Push the "Flushing" button: the pure water will start to flow from the outlet until the internal reservoir is empty.

Step 06



The system will continue to filter when the internal pure water reservoir is empty. Waiting until the "filtering" indicator light turns off again and pushing the "Flushing" button again to empty the internal pure water reservoir.

Step 07



Continue repeating the steps 4-6 until the "Change Water" indicator light starts flashing, empting the remaining water in the Feed Water Tank.

Step 08

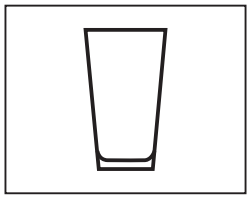
The above steps 1-7 are the one round of system flushing process. Please repeat these steps for 3-5 TIMES to complete the system flushing.

Note:
1. Every water supply is different. Depending on your feed water sourceand quality, you can adjust the flushing frequency.

2. New system may have air bubbles, particulates or slightly poor taste, this is normal, please follow these flush instructions to remedy the situation.

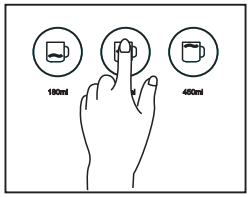
Dispensing Purified Water

Step 01

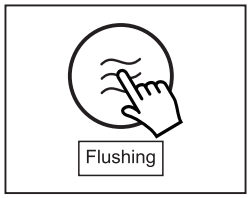


Place a glass or cup on the drip tray of the System under the dispense nozzle.

Step 02



Select your preferred water dispense volume; you will hear 1-beep; the selected volume indicator light will light. The System will dispense the corresponding amount (6 fl oz. (180ml), 12 fl oz. (350ml), or 15 fl oz. (450ml)) of purified water and then stop automatically, indicated by 1-beep and the indicator light turns off.



Dispense more water at once: Push the "Flushing" button; purified water will start to flow from the outlet until the 0.45-gallons internal internal pure water reservoir empties. To manually stop dispensing water, push any other button.

CONGRATULATIONS!

You have completed the installation!

IMPORTANT:

ALWAYS FULLY EMPTY THE Y7P FEED WATER TANK BEFORE REFILLING WITH FRESH POTABLE (TAP) WATER, DO NOT TRY TO REFILL THE TANK MOUNTED ON THE SYSTEM (ALWAYS REMOVE IT FIRST).

Operational Guide

Display Indicators

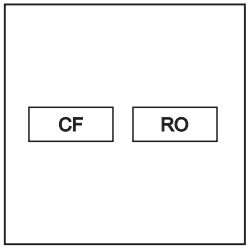
Your SimPure® Y7P-BW uses advanced features to monitor and operate your System.

Sleep Mode

If there's no operation within 5 minutes, the system will enter standby (sleep) mode, the brightness of the button ring in the display will decrease, and other indicators will go out.

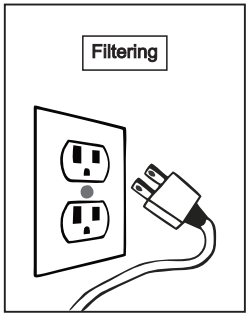
Push any button to exit the standby mode, the indicator light will display normally, and push the button again to activate the corresponding function.

CF / RO Indicator Light



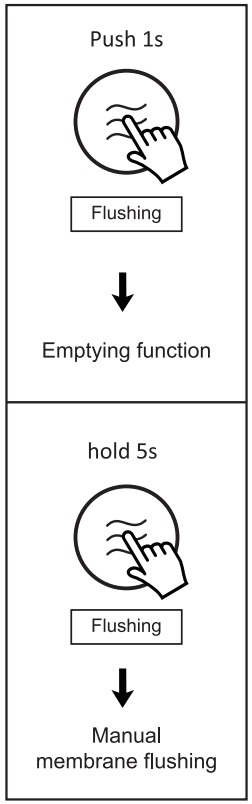
The two indicators lights remind the user when to replace the filters;
Steady - >90% exhausted – order new filter
Flashing - ≥100% exhausted, you will also hear 10-beeps. Replace filter(s)
CF = Composite Filter
RO = Reverse Osmosis Membrane

Filtering Indicator Light



Steady - This signifies that the System is filtering water
Safety Protection - If the internal purified water tank has not refilled after 30 minutes, the System will enter into protection mode, with all indicator lights on, and you will hear 10-beeps. The System will stop filtering water (purified water can still dispense). Reset the System by reconnecting the power.

Flushing Indicator Light & Button



Power on - The System will automatically flush the membrane for the first 30 seconds. While flushing, the indicator light will be on.

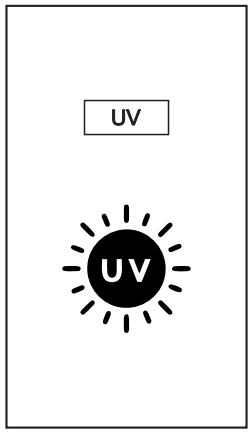
Emptying function - Push the Flushing button, the Flushing button will flash; purified water will start to flow from the outlet until the internal Tank empties. To manually stop dispensing water, push the button a second time, the blue light goes off.time. While flushing, the indicator light will be on.

Manual membrane flushing - Push and hold the Flushing button for 5-seconds, you will hear 1-beep, the Flushing button will be on, and the System will flush the membrane for 60 seconds and stop. To cancel the manual flush, push the button a second time. To manually stop dispensing water, push any other button, the blue light goes off.

Complete filtering - The System will automatically flush the membrane for 18 seconds after complete filtering. While flushing, the indicator light will be on.

Note: Membrane flushing is internal flushing, the water after flushing will return to the feed water tank for circulation, and this will not affect the quality of purified water after filtering. Also, no water will flow out of the water outlet during this process.

UV Indicator Light



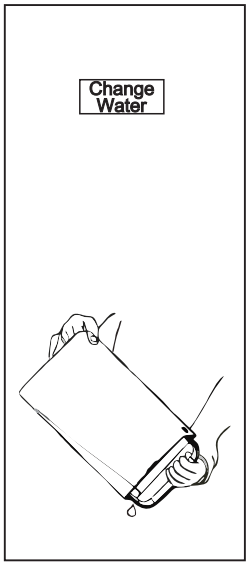
Steady- While purifying water, the UV light will operate, staying on a further 1-hour after the pure water tank is full.

Startup- When the System is reconnected to the power outlet, the UV will function for the first 3-hours and then shut off automatically.

Filtering- When the system is filtering the water, the UV light will always operate to help maintain microbial control of the purified water.

Standby- The UV light will operate for 15 minutes every 20 minutes to help maintain microbial control of the purified water.

Change Water Indicator Light

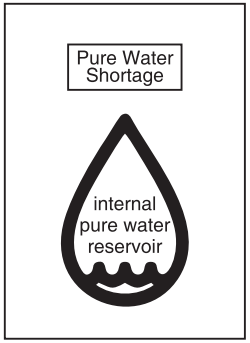


Flashing- Feed tank water lower than the Min. Level. You will hear 10-beeps, and the System starts up, releasing pressure for 10 seconds. Once complete, remove the Feed Tank, empty ALL the remaining concentrate water, and refill with fresh potable (tap) water (do not reuse the remaining water as it will be high in salts). Refit the Feed Water Tank to the System.

Steady- Feed Tank has been removed from the base. Light will go out when the Tank is returned into the System.

IMPORTANT- If you do not remove and empty the Feed Water Tank and instead add water directly to the Tank, the Change Water indicator light cannot be cleared. Lift the Feed Water Tank out of the System, empty the concentrate and refill with fresh potable (tap) water, then replace the Tank into the System to clear the Change Water indicator light.

Pure Water Shortage Indicator Light

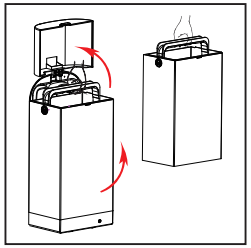


Flashing - Indicates that there is not enough pure water in the internal pure water reservoir, the System automatically starts filtering water refilling the internal reservoir. NO water can be dispensed while the light is flashing. Please kindly wait for about 10 mins until the "filtering" light is off.

Off - When filtered water is available in the internal reservoir, the "Pure Water Shortage" indicator light goes out, and when the "filtering" light is off, you can dispense water again.

Filter Replacement

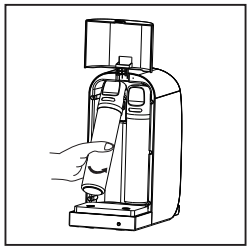
Step 01



Remove the power plug from the electrical socket to turn the System off.

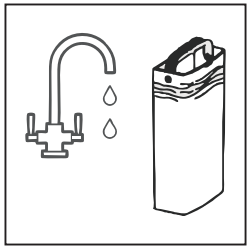
Open the Feed Water Tank cover.
Lift out the Tank, empty all remaining water, and place it in a safe place.
You should now be able to see the filter cartridges (located behind the Tank).

Step 02



Lift each filter cartridge from the bottom towards you and turn counterclockwise to remove.
Insert the new filter cartridge in the correct position, turn clockwise until you feel a click.
Note: You can safely dispose of the exhausted cartridges.

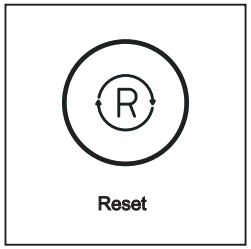
Step 03



Refill the Feed Water Tank and fit back into the System and close the cover.

Plug the System back into an electrical outlet.

Step 04



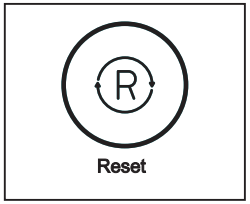
Now we need to Reset the filter change reminder.
To do this, hold the Reset button down for 3-seconds; you will hear 2-beeps.

Step 05



Push the Reset button again to select the filter cartridge you have just changed; the indicator light will be lit.

Step 06



Hold the Reset button down for at least 3-seconds to complete the reset process; you will hear 3-beeps, and the System will return to regular operation.

Note: If there is no operation within 10 seconds, during each stage of the filter reset process, the System will exit the setting state automatically.

Step 07

Follow the system flush instructions on page 9 to rinse the new filter cartridge.

Replacement Filter Part Number

Part No.	Description	Recommended Replacement Cycle
HEDPF3005_S9	CF Cartridge Filter	6 Months
HEDPF4005_S9	Reverse Osmosis Membrane	6 Months

Note: Due to the difference in feed water quality, the above is an estimate only. Please contact SimPure® for purchase options:

Customer Service: service@simpurelife.com
Toll-Free: 1-866-528-4572
Website: www.simpurelife.com

System Maintenance

When you plan to not use the system for a period of time (More than a week).

Before you shut it off, please drain the internal pure water tank and feed water tank. And placing the system out of direct sunlight on a dry, and secure surface in ambient room temperature.

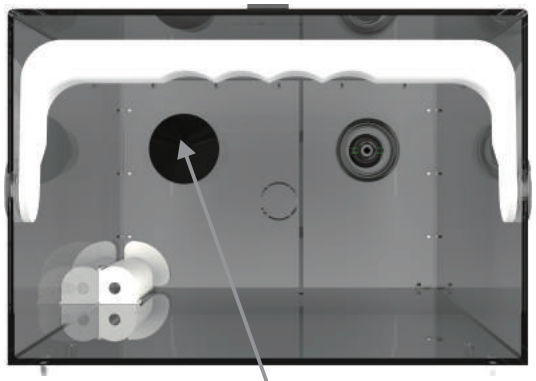
Before you use it again. To ensure the freshness of the drinking water, clean the feed water tank first, and than flush the system once. (Depending on the water quality of your water source, you can reduce the number of flushes appropriately.)

Feed Water Tank Cleaning

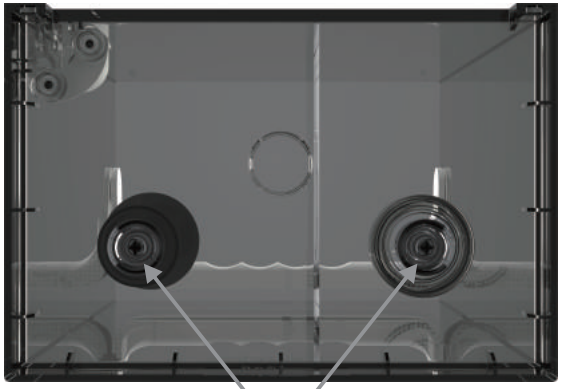
To maintain your System, it's recommended to clean the Feed Water Tank and components after every months of use; this helps to extend the service life of the filter elements. Check the Feed Water Tank strainer, diversion sleeve, and two check valves located on the bottom of the Tank are clean.



Feed Water Tank



Strainer Filte



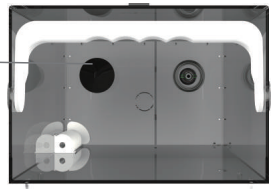
Underneath Feed Tank
Check valves

Check valves

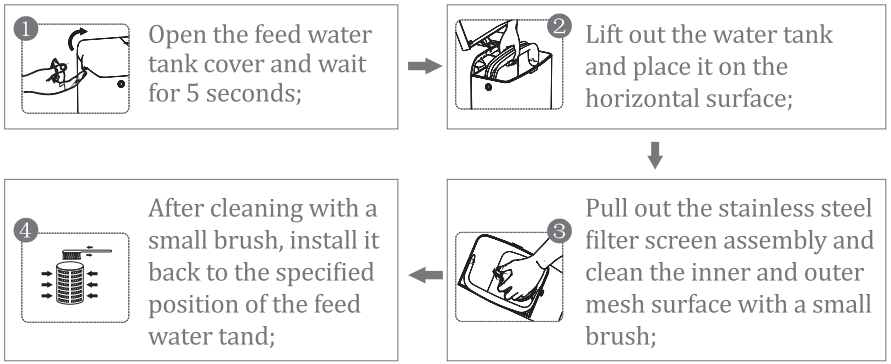
Tank Strainer and Sleeve Cleaning instructions

Cleaning of stainless steel filter screen components;
1）When the machine has been used for more than a month, in order to ensure the smooth flow of water and prolong the service life of the filter element, it is necessary to take out the stainless steel filter screen components regularly and clean the inside and outside with a small brush;

Stainless steel filter screen assembly;



2）Please take it out according to the following steps;



How to Maintain Your Water Purifier

Scale will develop over time and can clog the machine and disrupt product water flowrate. If you start to experience slow water flowrate or all the indicator lights keep flashing, it is time to maintain the water purifier.

1.Purpose:

To clean the scale in the RO machine system (such as pipes, valves, pumps, RO membranes, etc.)

2. Maintenance Frequency:

Good tap water quality(TDS<150ppm): every 6 months;
Fair tap water quality(150<TDS<250ppm): every 2 months;
Poor tap water quality(250<TDS<450ppm): every month;
Bad tap water quality(TDS>450ppm): every 2 weeks.

3. Maintenance Steps

Step1:

Make one of the following DIY solutions or use a commercial descaling solution.

(1) Citric acid solution: Add 5 liters of tap water to the feed water tank, then add 100 grams (about 10 tablespoons) of citric acid powder and stir well.



5L tap water + 100g (about 10 tablespoons) of citric acid powder

(2) White vinegar solution: Add 2.5 liters of tap water to the feed water tank, then add 2.5 liters of white vinegar, and stir well.



Add 2.5L tap water + 2.5L white vinegar

Step2:

Put the feed water tank with the prepared solution back on the machine and plug it in.

Step3:

Push and hold the Flushing button for 5s, you will hear 1-beep, the Flushing button will be on, and the System will flush the membrane for 60 seconds and stop. Repeat this flushing step five times.

Step4:

Unplug the power and let it stand for 2 hours.

Step5:

Remove the feed water tank, empty these solutions, and clean the feed water tank with tap water.

Step6:

Fill the feed water tank with tap water and put it back in the correct place, then plug in the power supply for waiting until the "filtering" indicator go off; press the "Flushing" button to dispense water to flushing the system, which removes the odor or taste of the descaling solution. If the sour taste remains, please repeat for a few more rounds until the water tastes good.

Note: If the scale is very serious or the problem is still not solved after maintenance, please repeat steps 1-6 one more time.

Troubleshooting Guide

	Problem	Possible Solution
1	The Water System will not turn on or respond when pressing the control panel	Plug the System into the electrical outlet and make sure the outlet switch is on (if applicable) You will hear 2-beeps when connecting to the power.
		Plug the System into a different electrical outlet to check the outlet is working.
		If the System does not turn on after following the instructions above, please contact SimPure® customer service for assistance.
2	The System does not make purified water	Check to see if the float in the Feed Water Tank is floating near the top of the water level.
		The Feed Water Tank is not installed correctly, check if it's located onto the System base precisely.
		Feed Water tank level too low, drain concentrate and refill the Tank with freshwater; check the Filtering indicator is lit.
	The System does not dispense water	The internal pure water reservoir (non-Feed Water Tank) is low, and the Pure Water Shortage indicator is lit. Wait 5-10 mins before dispensing water (Pure Water Shortage indicator light is off).
3	The System doesn't operate or respond to the control buttons, or lights don't illuminate.	System is locked or stuck. Unplug the unit from the electrical outlet for 3 minutes then reconnect.
		Hardware damage. Contact SimPure® customer service for advice.
4	Water taste is poor or has a strange smell	If the System is new or has not been used for a long time, please flush the System(Page9-10).
		Push and hold the Flushing button for 5s to flush the membrane, repeat it 3 times. And then push the Flushing button to empty the internal pure water tank and feed water tank.

Troubleshooting Guide

	Problem	Possible Solution
5	The System makes excessive noise during operation Note: The System does make noise when processing water; this is normal.	The Feed Tank water level is very low. Empty the Feed Water Tank and refill with fresh potable (tap) water.
		There's an air blockage in the water production system. Unplug the unit from the electrical outlet for 3 minutes then reconnect. Flush the System 1-3 times before using (Page 9).
		Water quality is poor; filters have been blocked early (before replacement schedule). Replace both filters.
6	All the lights flashing twice	Plug it in. All indicator lights will be on and flashing twice, this is a self-check program. No action required
7	All the lights keep flashing	If the system continues filtering water for more than 30 mins "Safety Protection" is activated, will beep 10x and all lights will flash. Reset the System by reconnecting the electrical power.(Page 12]
		The stainless steel filter of the feed water tank inlet is clogged. Please follow the page 18 to clean it.
		The filter elements are clogged by impurities. Push and hold the Flushing button for 5s, observe whether there is flushed water in the feed water tank drain out from the water outlet, if no or the water flow is low, please replace both filter elements.
		The filter elements are clogged by limescale. Please follow the page 19 to maintain it.
		If still not solve it after following the instructions above,please contact SimPure customer service for assistance.
8	Pure Water Shortage light keeps flashing when the feed water tank is full	SimPure Y7P Series is not an instant filtration system. It takes time to allow the filter system inside to process the water. Waiting for about 10 mins until the "Pure Water Shortage" light is off, and then when the "filtering" light is off, means the filtering operation is finished.

Warranty

SimPure® warrants to the customer that its residential countertop water purification systems will be free from defects in material and workmanship under normal use and service for a period of 1 year. We will replace or repair any part of the SimPure® purification systems that we find to be defective in operation due to faulty materials or workmanship within one year since the date of the original purchase. Used replaceable filter cartridges and membranes are excluded.

General Conditions

SimPure® obligation to the customer under these warranties shall be limited, at its option, to replacement or repair of items covered by these warranties. Prior to return or repair of covered items, the customer must obtain a return goods authorization number from SimPure® and, at SimPure® option, return the item with freight prepaid by the customer.

Damage to any part of this System because of misuse, misapplication, negligence, alteration, accident, installation, or operation contrary to our instructions, incompatibility with accessories not installed by SimPure®, or damage caused by freezing, flood, fire, or Acts of God are not covered by this warranty. In all such cases, regular charges will apply. This limited warranty does not include service to diagnose a claimed malfunction in this unit. This warranty is void if the claimer is not the original purchaser of the unit or if the unit is not operated with certified safe potable municipal or well water. We assume no warranty liability in connection with this System other than that specified herein. This warranty is in lieu of all other warranties, expressed or implied, including warranties of fitness for a particular purpose. SimPure® liability hereunder shall not exceed the cost of the product. Under no circumstances will SimPure® be liable for any incidental or consequential damages or for any other loss, damage or expense of any kind, including loss of use, arising in connection with the installation or use or inability to use the covered items. These warranties are governed by the laws of the state of Washington, USA, and may change at any time without notice.

Our Products & Services

Consumables



A full selection of consumable items to maintain your SimPure® countertop water purification system well into the future are available from SimPure® online or through your local Distributor.

Whole House Filtration System



SimPure® Whole House Pre-Filter (DC5P Series and Big blue series) help to purify the water coming into your home.
Lasts Longer To Give You The Best Value In Filtration.

Under Sink Water Filter System



SimPure® V7 Under Sink Water Filter System removes over 99% of contaminants while leaving in all essential minerals which are vital to your health. The fast and stable water supply provides pure water that tastes like spring water.

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