

USER MANUAL

WATER PURIFIER
TWP-N2041UUFTH(W)

TOSHIBA



DIRECTORY

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The packaging material used is recyclable; we recommend that you separate plastic, paper and cardboard and give them to recycling companies. Guidelines, waste from electrical and electronic devices should be collected separately. If you need to dispose of this appliance in the future, do NOT throw it away with the rest of your domestic garbage.





1. Safety Instruction

1-1 Safety Instructions

All instructions described should be carefully read and followed.

- These instructions are precautions to prevent the risks of serious injury or death of the user, and any damages to property.

MARKINGS







 WARNING	WARNING indicates high possibility of serious injury (*1) or death of the user.
 CAUTION	CAUTION indicates high possibility of injury (*2) or property loss (*3).

(*1) Serious injury – injury which requires hospitalization, lengthy treatment, or blindness, hot and cold skin burn, electric shock, broken bones or poisoning.

(*2) Injury – injury, skin burn or electric shock which does not require hospitalization or lengthy treatment.








(*3) Property loss – extended loss of houses, furniture, domestic animals or pets.

SYMBOLS

















 PROHIBITED!	 PROHIBITED! Indicates prohibited actions. Detailed instructions would be indicated on the inside of the circle or around the symbol in figures or in writing.
 IMPORTANT	 IMPORTANT Indicates mandatory actions. Detailed instructions would be indicated on the inside of the circle or around the symbol in figures or in writing.
 CAUTION	 CAUTION Recommends to take precautions. Detailed instructions would be indicated on the inside of the triangle or around the symbol in figures or in writing.



* To use

WARNING




 Instruction	Prior to use, the water purifier must be properly assembled and installed in accordance with this manual. It may damage to the water purifier and cause danger.
 Away from flammable materials	Do not use the water purifier near a material with high volatility which is easily ignited or exploded. It will cause explosion or fire. 
 Instruction	Place the water purifier on a solid level surface. It may cause the water purifier to fall and tumble down or make noise.
 No modification	Do not disassemble, remodel, modify and repair the water purifier. This may cause fire, electric shock or fault, and cause injuries. If repair is required, please contact with the vendor of the water purifier.
	Please do not put anything on the water purifier. If something overflow, it may result fire, electric shock.
 Care for cleaning	To clean the water purifier, use the soft cloth moisten by the neutral detergent diluted with water. Do not use the insecticide, Thinner, Benzene, chlorine or acid lotion. It may cause crack, electric shock, fire, or deleterious gas.

CAUTION

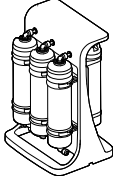




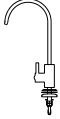



	<p>Do not connect to water which is not tap water. This product is the water purifier exclusive for tap water. Otherwise, it may damage health or cause trouble.</p>
 Prohibit	<p>Do not freeze. It may cause leakage or other malfunctions. Membrane filters will be damaged below 0°C.</p>
 Prohibit	<p>Do not use outdoors. Keep the water purifier at dry place and away from direct sunlight. It may cause fire or malfunction. Also the body of the water purifier may change color, deform and breeds moss and fungus.</p> 
 Space between wall	<p>Need to put space between the back of the water purifier and the wall is more than 20 cm. Not only the back space but also both side of the water purifier is more than 20 cm. To allow the airflow. It may damage the water purifier.</p>
 Application environment	<p>Indoor use only. This appliance is intended to be used in household and similar applications such as staff kitchen areas in shops, offices and other working environments; farm houses and by clients in hotels, motels and other residential type environments; bed and breakfast type environments; catering and similar non-retail applications.</p>
 Application range	<p>The water purifier's usage temperature range is between 4°C~38°C. Do not use the water purifier out of usage temp range. It may damage to the water purifier.</p>
 Away from fire	<p>Do not place the water purifier close to fire. It may damage to the water purifier and cause fire.</p> 
 Prohibit	<p>Do not put anything on the water purifier, also do not lean, shake and push the water purifier. It may damage to the water purifier and cause injury.</p>
 No water spraying	<p>Do not install the water purifier in where the water jet washer is used. It may cause electric shock or fire due to an insulation deterioration.</p>
	<p>Do not install water inlet pipe and drain pipe beside gas range and other sources of fire. Stay away from the fire source above 30cm. It will machine damage.</p>
	<p>Do not reseal the filter except to replace expired filters or to stop using them for long periods. It may cause Adhesion of germs or water leakage.</p>
	<p>Do not connect hot water pipe of water heater to the water inlet. Reverse osmosis membrane filter will be damaged above 38°C.</p>
	<p>The water once take out should be used as soon as possible. It is easy to breeding miscellaneous bacteria. When stored water for a longtime. Since there no residual chlorine in water, be stored only 2 to 3 days in the refrigerator safely.</p>
	<p>When water leakage close the inlet water valve as soon as possible. Leakage can cause other damage. Please contact teh local service center.</p>

	Replace the filter regularly. Please see page 11 for filter replacement cycle.
	When not using for a long time close the inlet water valve and release the water from the water purifier. It may cause water leakage.

 **CAUTION**

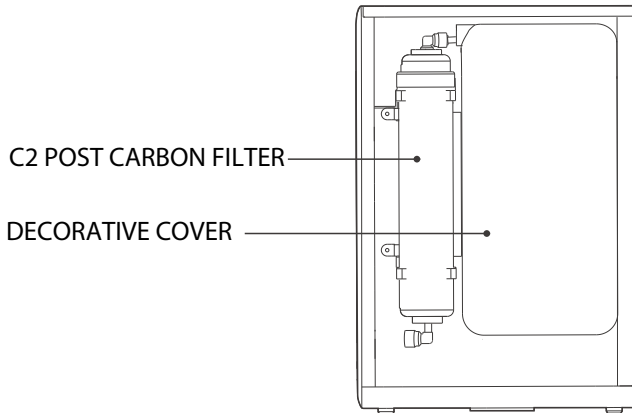
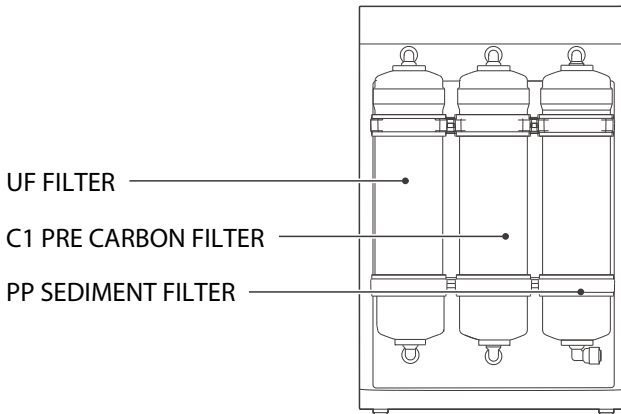
 Certified technician	Service should be performed only by a certified technician. It may damage to the purifier.
 Prohibit	Do not close the water purifiers ventilation openings by put into enclosure nor in the built-in structure. The water purifier ventilation openings must be clear from obstruction. It may damage to the purifier and cause fire.
 Indoor	Do not use the water purifier other than indoor. Also it may cause the water purifiers color change, deformation, breeds moss and contaminated.

1-2 Packing List

Packing box	Direct drinking water purifier (1 set)			1/4" PE pipe (white) (2m) + 1/4" PE pipe (blue) (2m)	
	Materials bag	Instruction Manual(1 copy)	Easy to use guide(1 copy)	Warranty card (1 copy)	Faucet assembly (1PC)
					
		Inlet ball valve(1PC)	Locking clip (8PC)	Quick connector(1PC)	
					

2. Your Direct Drinking Water Purifier

2-1 Part Name of Water Purifier



NOTE: Please use the product in a place with temperature of 4-38°C and relative humidity less than 90%.

2-2.Model and Major Parameters

Model	TWP-N2041UUFTH(W)	Stage 3	UF FILTER
Applicable water	Tap water	Stage 4	C2 POST CARBON FILTER
Applicable water pressure	0.1-0.4MPa	Product size	210 x 262x 382 mm
Applicable environment	4-38°C humidity ≤90%	Packing size	346 x 265 x 475 mm
Stage 1	PP SEDIMENT FILTER	Net weight	3.1 kg
Stage 2	C1 PRE CARBON FILTER	Gross weight	4.3 kg

2-3 Product Features

1. Four-stage high-precision filtration.
- 2.The product does not require power supply.

2-4 Product Functions

- **High-precision filtration, pure water quality**

Through high-precision ten stage filtration system, it filters granules, iron rust, colloids, bacteria, residential chlorine and impurities in water.

- **Satisfy demand of drinking water and kitchen water**

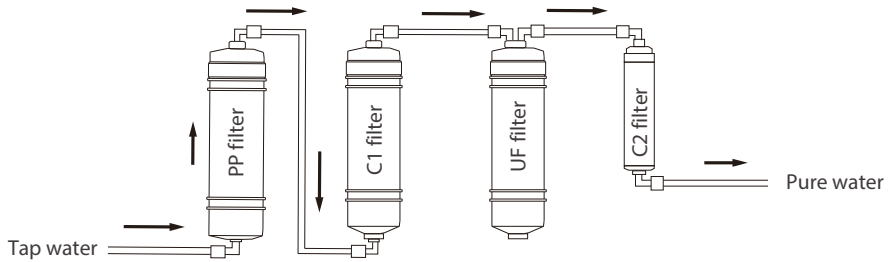
It can make water in 24 hours continuously according to needs. Ample water satisfies demand of drinking water and kitchen water.

- **Keep fresh pure water**





It is connected to tap water directly, can make water continuously and keep dissolved oxygen in water, ensuring fresh pure water for drinking and kitchen use.

2-5 Working Principle

Flowchart of water generation



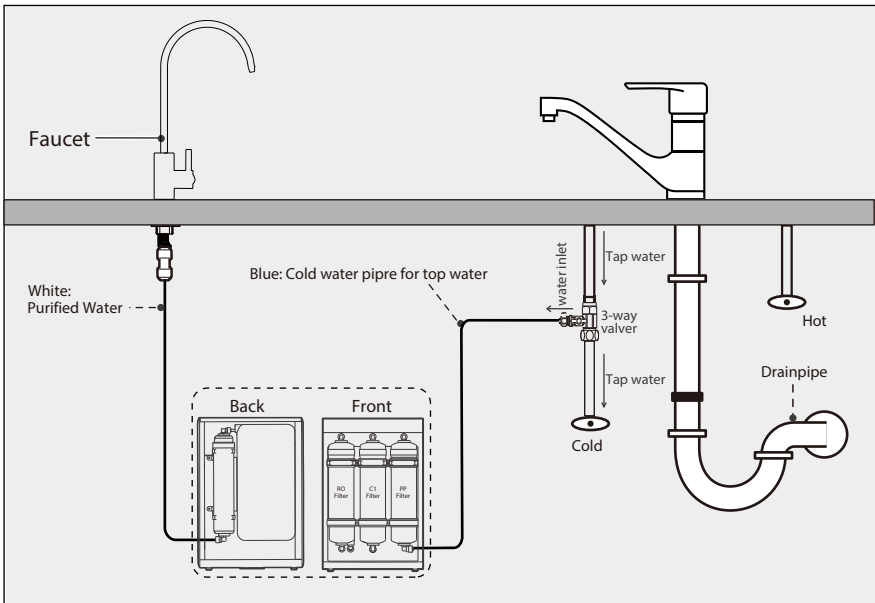
● Filter Function Introduction

Stage	Name	Illustration	Functions
Stage 1	PP SEDIMENT FILTER		Carry out coarse filtration of the original water, and filter out mud, sand, impurity, iron rust and suspension, etc.
Stage 2	C1 PRE CARBON FILTER		Absorb unusual colors and odors. Remove residual chlorine and organic substances in water.
Stage 3	UF FILTER		Filtration accuracy is nearest to 0.1-0.01 μ m, Intercept the bacteria (total escherichia coli) and colloid in water.
Stage 4	C2 POST CARBON FILTER		Further absorb micro-molecules organic substances in water. Make water taste better.

3. Use Guide and Maintenance

3-1 Use Guide

1. Firstly make sure the machine is well installed by the qualified personnel.
2. This product is only recommended for indoor use, especially when the temperature around the product is lower than zero degrees Celsius, the product is likely to crack and leak.
3. Make sure water source is open.
4. Installation of water Purifier:



3-2 Installation Tips

Hot to Use The Quick-Connect Fittings

To connect:

1. There is an existing mark (Figure 1) at the end of the tubing that you can use to confirm whether the tubing is fully inserted into the fitting. Push the tubing into the fitting until you reach the mark on the tubing.
2. If the tubing is not fully inserted, it will cause leakage. When the tubing is fully inserted, put the blue lock clip on the fitting. It will lock the tubing in place and prevent it from falling off.
3. If the tubing is too long, cut it to a suitable length using a sharp utility knife or pair of scissors. Cut the tubing squarely and cleanly (Figure2). Make sure the tubing is fully inserted.

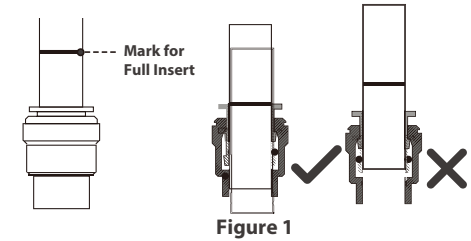


Figure 1

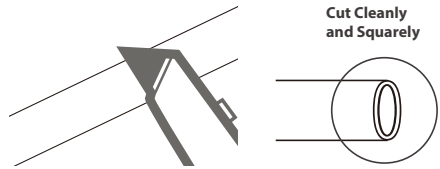


Figure 2

To disconnect:

1. Remove the blue lock clip from the fitting.
2. Use your thumb and index finger to press down on the lock sleeve. Use your other hand to pull out the tubing from the fitting (Figure 3).

NOTE: Please do not pull out the tubing directly, or else it will damage the fitting and cause leakage.

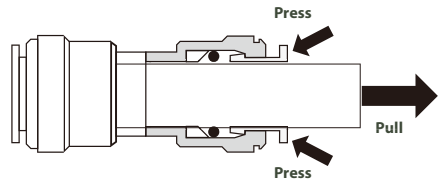


Figure 3

How to Drill a Hole into Your Sink or Countertop (Optional)

NOTE:

- Please confirm if there is an existing hole available to install the faucet. If not, please drill a hole in accordance with the following steps.
 - If the countertop is thicker than 2.95 inches, the faucet cannot be installed. It's highly recommended to watch the video "How to Drill Faucet Holes" for a better understanding of the process. There is also a sticker for your reference when you drill the hole. Remember to wear safety glasses to protect your eyes while drilling the faucet hole.
1. Choose a diamond core bit for granite, and a carbide drill bit for stainless steel. Do not use a hammer drill on natural stone, glass, or ceramic.
 2. Glue the sticker to your sink or countertop, and drill a hole referring to the size shown on the sticker (1").
 3. Make an indent with a center punch on a stainless-steel sink before drilling to help guide the bit.
 4. Be careful when drilling on a porcelain sink, as it can be easily chipped. Apply downward pressure firmly to the bit until breaking through the surface.
 5. Starting at the lowest speed, hold the drill straight with firm pressure to prevent the bit from walking on the counter.
 6. Once breaking through the surface, swirl the drill a little to apply pressure in a circle evenly.

3-3 Installation Steps

NOTE:

- Before installation, remove the machine from the box and choose an easy-to-access area under the sink to place it. An adequate flat area is necessary to allow the system to rest securely. Do not lay it on its side, on its back, or upside down.
- The machine must be connected to the COLD water supply ONLY.
- Do not install the system where it will be exposed to direct sunlight or harmful chemicals, nor in any place where it may be damaged.
- Do not install the system near any heat source.
- Do not install the system outdoors.

Step 1: Install the Feed Water Adapter

1. Shut off the water supply. Turn on the kitchen faucet to release the water pressure;
NOTE: Make sure the water has stopped before proceeding to the next step. Get a towel or bucket to catch any excess water.
2. Disconnect the cold water pipe from the cold water supply valve.
3. Connect the white 1/4" inlet water tubing to the feed water adapter and tightened the nut.
NOTE: For convenient connecting, it's recommended to immerse one end of the inlet tube in warm water for a while, then connect it to the feed water adapter.
4. Twist the feed water adapter onto the cold water supply valve (with its washer) and tighten it with an adjustable wrench (Figure 4).
5. Twist the cold water pipe (with its washer) onto the feed water adapter and tighten with an adjustable wrench.

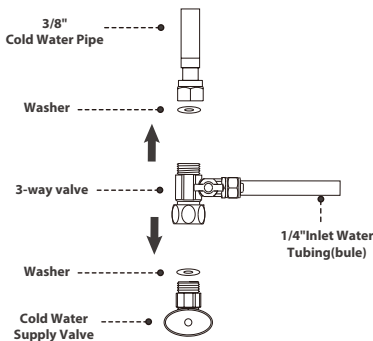


Figure 4

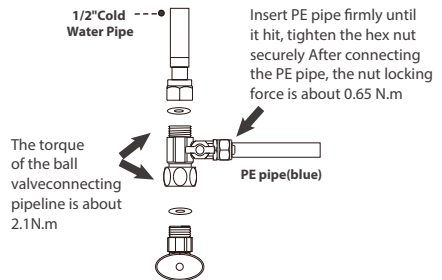


Figure 5

Step 2: INSTALL FAUCET

1. The faucet is included with your accessories.
Locate and organize the installation parts, see Figure 6 for more details on assembly.
2. Referring to Figure 6, You will need to install the part in the order shown, Stainless Steel Washer. Thin Black Washer. Slide both onto the base of the faucet screw rod. The thin rubber washer should be sandwiched in between the faucet top and stainless steel washer.
3. Remove the red protective cap from the end of the faucet screw rod.
4. Now install the faucet through the mounting hole.
5. Under the cabinet install the following components in this order: Reference Figure 6: Thick Black Rubber Washer; Metal Serrated Washer. Nut. In the order shown above, slide onto the base of the faucet screw rod.
6. Hand tighten the nut to threaded rod of the faucet until the faucet cannot move freely. Check the faucet to make sure the stainless steel washer and thin black washer is centered under the faucet. Once aligned, tighten the nut with an adjustable wrench.
7. The faucet Base Connector is included with your accessories. Install this connector to the base of the faucet. Push connector onto faucet base until the connector bottoms out, see Figure 6.
8. You will attach the "BLUE" PE tube to the base of the faucet quick connect connector.
9. After you have inserted the blue PE tube into the connector, insert the blue PE Tube Lock Clips into the quick connector end. See Figure 7 for order of installation.

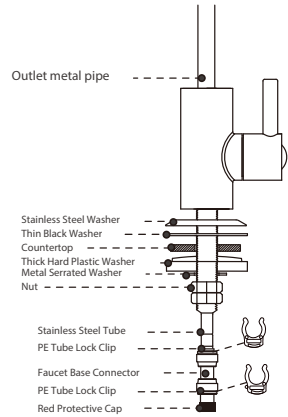


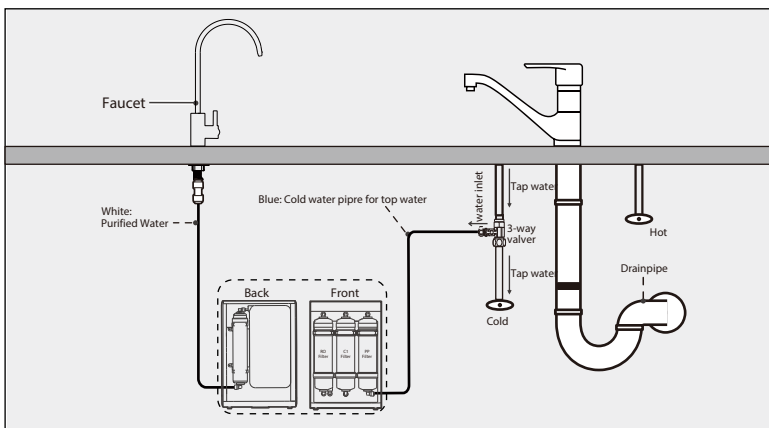
Figure 6



Figure 7

Step 3: CHECK THE INSTALLATION OF WATERWAYS

Connect the ball valve to the inlet end as shown in the figure, connect the faucet to the outlet end.



Step 4: FLUSHING ALL FILTERS IN SYSTEM

1. After the machine is installed according to the instructions, turn on the faucet first and then turn on the inlet three-way ball valve. Observe whether there is any water leakage from the machine before leaving. Since the filter element contains high-quality activated carbon, a small amount of black water is normal when the machine starts.
2. For a brand new machine or filter element, please rinse for 5 minutes every half an hour and repeat the process 5 times before drinking
NOTE: It is very important to check for water leaks every day for the first two weeks after installation to ensure the normal operation of the system.

3-4 Filter Replacement Cycle

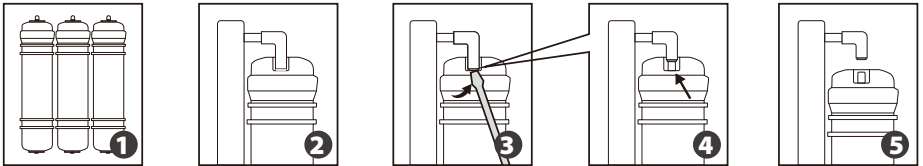
PP SEDIMENT FILTER	C1 PRE CARBON FILTER	UF FILTER	C2 POST CARBON FILTER
3-6 months	6-12 months	6-12 months	6-12 months

Attention

The data above are for references only. It is based on 10L per daily drinking water.

The specific cycle for replacement of filters varies with local water quality and water amount consumed.

3-5 Maintenance



1. Rotate the filter element to rotate the easy-to-remove parts with notches as shown in Figure 2.
2. Use a screwdriver to pry open the quick-release clamp and remove the quick-release plug Figure 3.
3. The gray piece indicated by the arrow is the quick-release clamp Figure 4.
4. Repeat the above steps to remove the quick-connect fittings at both ends of the filter cartridge.
5. After removing the quick-release connector, pull the filter element outward with force to remove it Figure 5.
6. When installing the filter element, it is important to note that the text on the filter element cannot be reversed.
7. The newly replaced filter cartridge may produce black water because it contains high-quality activated carbon. Please follow the instructions and rinse it before use. It is recommended to rinse for 10-20 minutes.
8. Replace the filters in time to keep pure water quality.
9. Move the product carefully and slightly, never place the product in a direct sunshine.
10. Never put the product in a place where water may freeze to prevent the filters from damage due to freezing.
11. Never remove the parts on the machine to avoid leakage or damage.

12. By using a cloth dipped in water, clean the water purifier with soft detergent rather than strong volatile solvent such as gasoline.
13. In case of long-term no use, close the feed ball valve and cut off the water source. Open the faucet to drain out the water in pressure filter when reuse.
14. In the cases where the water purifier is used for the first time or reused after long time idle, drain out the first two filter of water through the gooseneck faucet at first.
15. Drain out 500mL water everyday at the first time to clear the water in pipe.
16. Please replace the filters in time as requested. It can ensure better filtration effect.

3-6 Troubleshooting

Operation of your appliance can lead to errors and malfunctions. The following tables contain possible causes and notes for resolving an error message or malfunction. It is recommended to read the tables carefully below in order to save your time and money that may cost for calling to the service center.

Problem	Possible reason	Solution
Machine fails to run	<ul style="list-style-type: none"> • Feed ball valve closed 	Open the feed ball valve
Too much drop in amount of water generated or no water out	<ul style="list-style-type: none"> • Fiter not replaced in time, beyond the use time 	Contact the local service agency to replace the filter
No water out from gooseneck faucet	<ul style="list-style-type: none"> • Post active carbon filter jammed • Pre-treatment filters jammed 	Contact the local service agency to replace the the filter
Poor quality of water out	<ul style="list-style-type: none"> • Post active carbon filter not repaced in time, beyond the use time • Fine carbon powder contained in water 	<p>Inform the local service agency to replace the the filter timely</p> <p>Wash post active carbon powder away or replace post active carbonfilter</p>

#DetailsMatter

<https://www.toshiba-lifestyle.com/th>