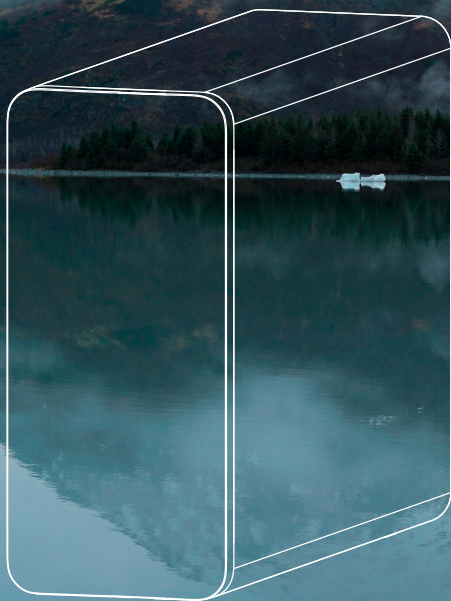


BLUESPRING

User Manual



PLEASE READ

INSTRUCTION MANUAL



Always follow the instruction manual when using and installing the machine.

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Packing List

To ensure a smooth installation and proper use of the product, please carefully check the following items:

Item	H2O BlueSpring
Water Purifier	1 unit
Tap	1 set
Power Adapter	1 piece
Water inlet valve	Three-way ball valve
PE Pipe	1/4 inch pipe (1 roll) + 3/8 inch pipe (1 roll)
Pressure reduction valve	1 piece
Accessory pack	1 pack
User manual	1 copy

Introduction

Thank you for choosing the BlueSpring, the under-sink reverse osmosis purifier water filter system from H2O.

Please pay attention to this user manual before starting to use the machine, as incorrect use will invalidate the warranty, and may have an impact on health.

The H2O Australia team

Servicing

We recommend a service every year to ensure an extended life span of the machine.

To book a service, click here: <https://h2ostores.com/pages/support> or email support@h2ostores.com



WaterMark Certification Number: [WM-032387]
Model : H2O BlueSpring



Caution:

Do not use with water that is microbiologically unsafe or of unknown quality without adequate treatment before or after the system. Systems certified for cyst reduction may be used on disinfected water that may contain filterable cysts.

Product specifications

Product name	H2O BlueSpring
Rated power	115W
Pure water flow rate	2.6L/min
Waste water flow rate	2.6L/min
Product dimensions	405x150x348mm
Power frequency	50Hz
Rated voltage	220V
Inlet water type	Municipal tap water
Inlet water pressure	0.1-0.4MPa (up to 1 MPa when used with a pressure reduction valve.)
Environmental temperature	4°C - 40°C
Inlet water temperature	5°C - 38°C

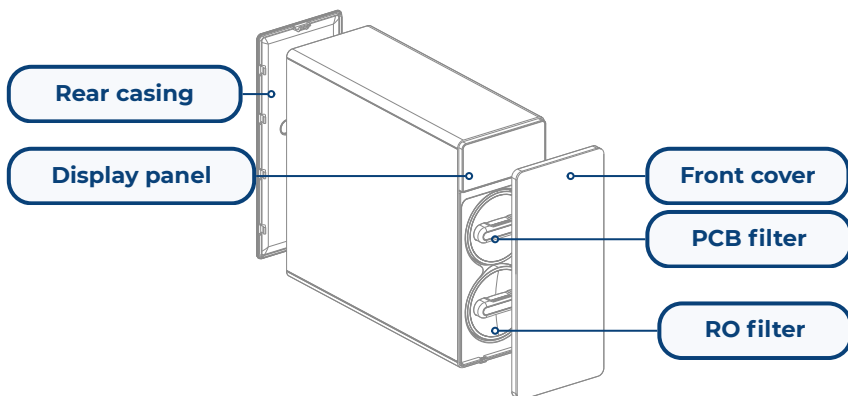


Important

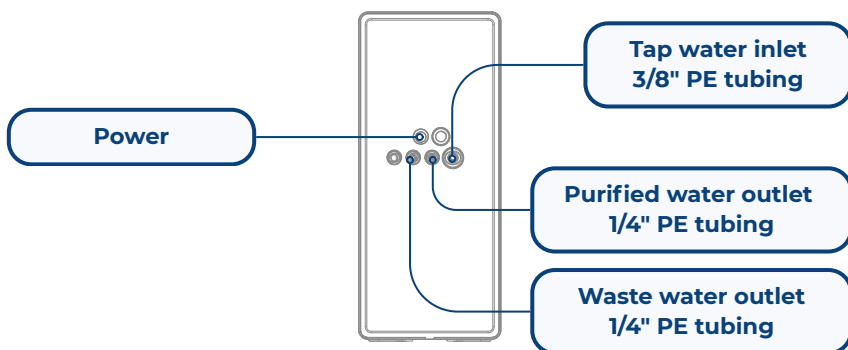
Please ensure the environment meets the requirements outlined above prior to installation.

Product schematic diagram

Front view



Back view



Control panel guide



PCB

RO

PROC



Rinse and drain (cleaning)

Manual - Press the rinse and drain button to start or stop the process.

Automatic - The system automatically self-cleans after 24 hours of inactivity.



Reset (replacing filters)

1. This will reset the status of the new filter. Press and hold the Reset button for 3 seconds.
2. Press the Reset button to select the PCB or RO filter that needs to be reset. Then press and hold the Reset button again to confirm.
3. Repeat the process if both filters need to be replaced.

PROC

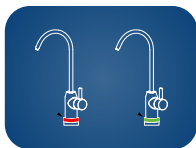
Processing water indicator

Blinks when the system is purifying water.

PCB RO

Filter indicator

The indicator light stays on when the filter is near the end of its life. It blinks when the filter has expired. A warning beep will also sound to alert you.



Filter indicator on tap

Green light: cartridge is working normally.

Red light: replacement required.

Caution:

To ensure proper operation of this appliance, it is essential to follow the instructions.

Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after using the system. Systems certified for cyst reduction may be used with disinfected water that may contain filterable cysts.

This system is not classified as a bacteriostatic or microbiological treatment device. Using the system may increase the bacterial content of the water unless additional disinfection is provided.

Filter information



PCB

6-12
months

**PP Cotton
Carbon Rod
Composite Filter**

Removes impurities such as silt, rust, sand, and suspended solids. Also removes residual chlorine and absorbs unpleasant tastes and odors.



PCB +AM

6-12
months

**PP Cotton
Carbon Rod
Alkaline Mineral
Composite Filter**

Removes residual chlorine and absorbs unpleasant tastes and odors. Reintroduces beneficial minerals (calcium, magnesium, potassium, sodium, zinc) and raises water to a mildly alkaline pH – enhancing taste and supporting overall wellbeing.



RO

12-24
months

**Reverse Osmosis
Filter**

Filter precision of 0.0001 microns, removal of bacteria, heavy metals, and other substances in water.

Note:

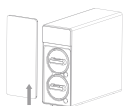
The filter lifespan may vary depending on local water quality and daily usage.

Filter replacement guide

1

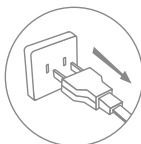
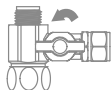


Red light on the tap means a filter **needs replacing**.



Open the cover – The flashing light indicates which filter needs replacing.

2

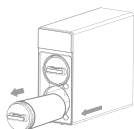


After identifying the filter to replace, **turn off the three-way valve and unplug the power**



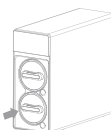
DO NOT touch or hold the plug with wet hands.

3



Press the button at the lower right of the filter all the way down — the filter will pop out, then **pull it out**.

Then **insert the new filter** in place and push it all the way down to secure.



4



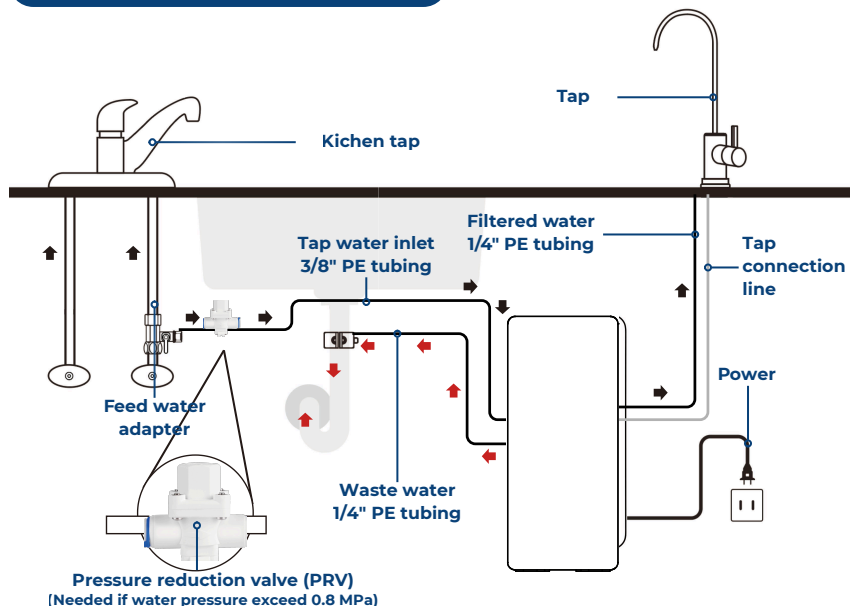
Press and hold "Reset" to enter reset mode. Press "Reset" to **select a filter** the selected one will flash: **Hold "Reset"** for 3s to confirm. Repeat for multiple filters if needed.

Run about 8 - 10 min of water to activate the new filter.

Note:

1. Original (manufacturer approved) filter elements must be used for replacement so as to ensure the safety of drinking water.
2. For any abnormal situation during the replacement of filter element, please contact the customer service centre.

Installation Guide



The diagrams above illustrate the complete connection layout. If you plan to install the unit yourself, please read this manual carefully. Otherwise, engage a qualified installer.

Step Summary

- Prepare for installation.....10
- Drill a hole (if required).....11
- Install the water inlet valve.....12
- Install the tap.....13
- Install the drain saddle.....14
- Connect the water pipes.....15
- Connect the tap signal line.....17
- Connect power and start up.....18

Note:

Where required, comply with backflow prevention requirements as set out in NCC Volume Three, Plumbing Code of Australia. The product is already equipped with a built-in one-way check valve, but an additional valve may be installed if necessary depending on local water pressure.

Step 1. Prepare for Installation

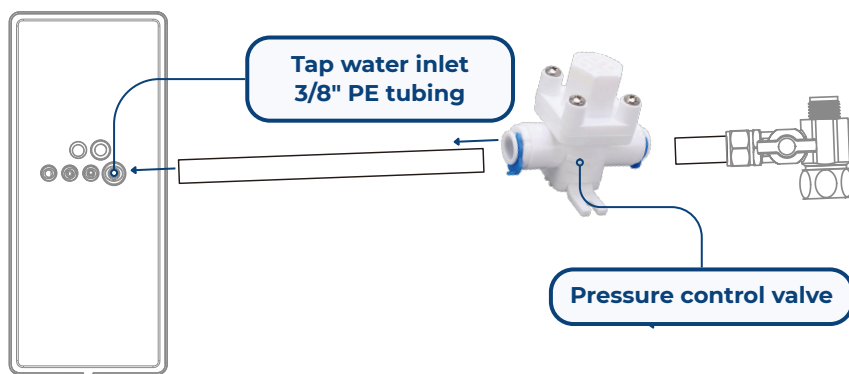
Ensure enough space under sink and nearby power outlet. Check the water pressure.

Install pressure control valve if the water pressure may **exceed or near 0.8 MPa**

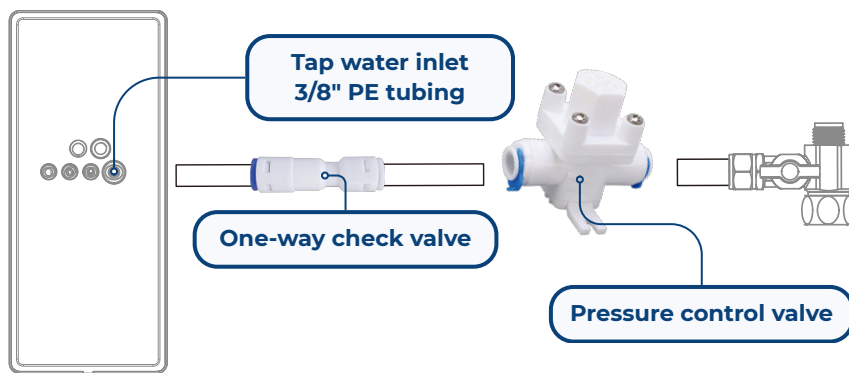
Note:

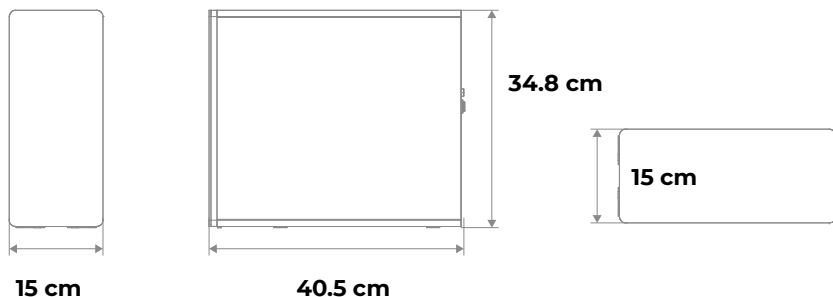
If your water pressure is normal, you may skip this part below.

- For household water pressure generally does not exceed 0.8 MPa. If your water pressure is unusually high, please follow the recommendations below.
- For commercial premises, it is recommended to measure the water pressure before installing.



According to actual needs, install an additional one-way check valve (Backflow prevention) before the pressure control valve.





Check and ensure there is sufficient space under the countertop to place the system. **The machine can stand up, or be laid on its side.**

Note:

- Before installation, make sure there is a power outlet available inside the kitchen cabinet or on the wall connected to the lower cabinet space.
- It is not recommended to place the housing directly against the cabinet, as vibrations may occur when the system operates.

Step 2. Drill a Hole (if required)

Drill a 20mm hole in sink/countertop if no existing tap hole is available.

- Use a diamond drill bit for granite (Keep the drilling area wet to prevent overheating); use a cobalt / HSS-Co drill bit for stainless steel.
- Do not use a hammer drill on natural stone, glass, or ceramic surfaces.
- For stainless steel, make a pilot dent with a centre punch before drilling.
- For ceramic surfaces, drill carefully with steady downward pressure to avoid cracks.
- Start at low speed, keep the drill vertical, apply steady pressure, and keep the drilling area wet to prevent overheating.
- After breakthrough, rotate slightly to smooth the hole edges.

Important Notes

- Do not install in direct sunlight, near heat sources, outdoors, or where exposed to chemicals.
- Wear safety goggles when drilling.

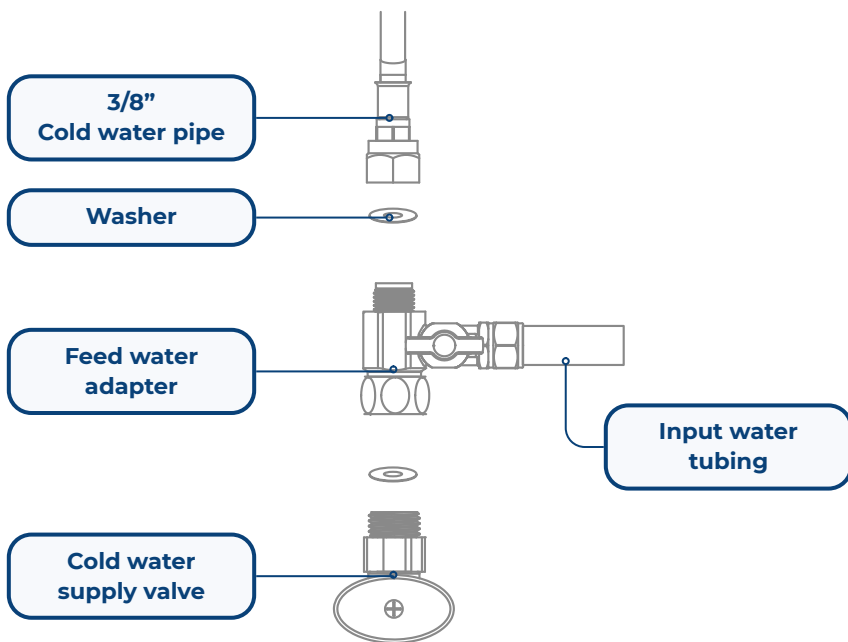
Step 3. Install the water inlet valve (3/8")

- Turn off the main water supply. Turn on the kitchen tap to release pressure.

Note:

Ensure the water flow has completely stopped before proceeding. Prepare a towel or bucket to catch any residual water.

- Disconnect the cold-water supply valve from the cold-water line.
- Attach the feed water adapter (with washer) to the cold-water supply valve and tighten with an adjustable wrench (see Figure below).
- Reconnect the cold-water line (with washer) to the feed water adapter and tighten with an adjustable wrench.

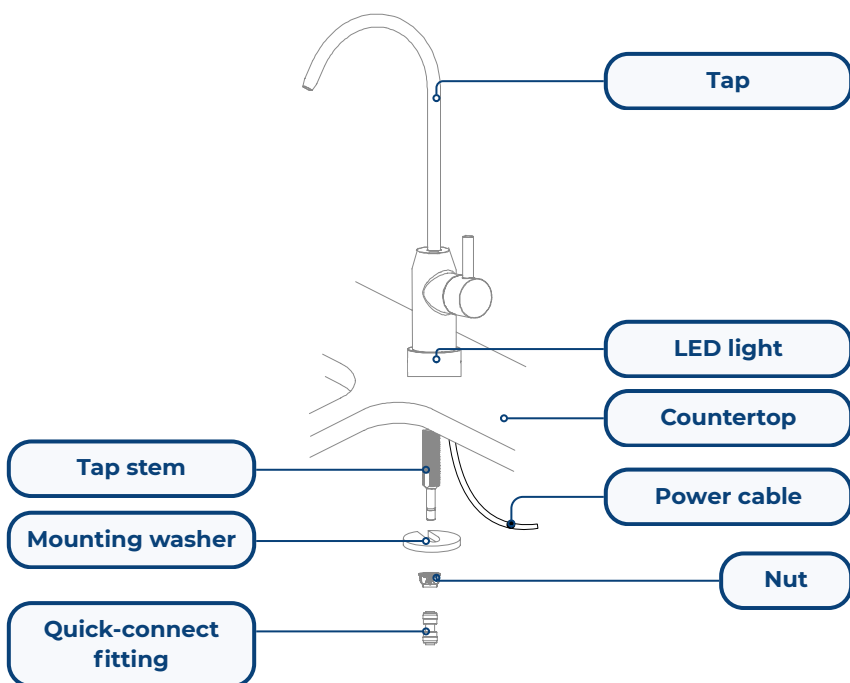


Step 4. Install the tap

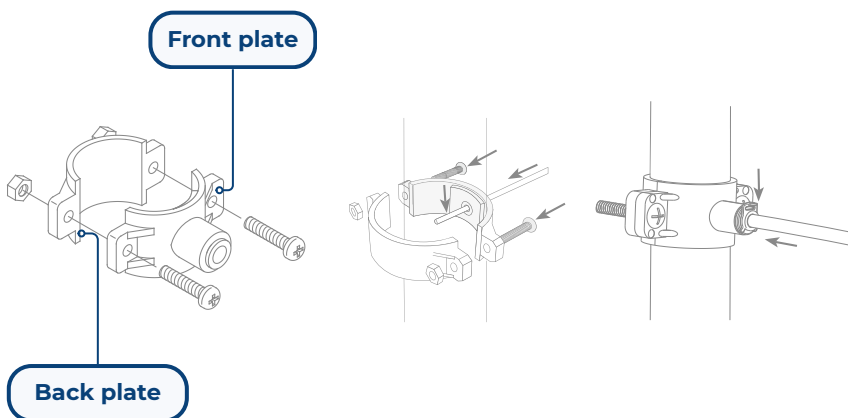
Note:

If your kitchen sink or countertop does not have a pre-drilled hole, you will need to drill a 20mm hole.

- Insert the rubber washer into the tap stem.
- Insert the tap stem into the hole on the countertop (see below).
- Under the sink, tighten the tap stem and install the other parts in the order shown.
- Insert the quick-connect fitting (with lock clip) fully into the faucet stem to ensure a secure connection.



Step 5. Install the drain saddle



- Choose a suitable position on the drainpipe and drill a 1/4" hole. Be careful not to drill through both sides of the pipe.

Note:

It is recommended to install the drain saddle on a vertical section of the drainpipe.

- Place the front plate of the drain saddle onto one end of the tubing (unmarked end), and insert the tubing into the drilled hole to a depth of about 5/8" .
- Secure the drain saddle with screws and install the lock clip to ensure a firm connection .

Note:

In some regions, the waste water pipe must be connected to the drainpipe through an air gap. Consumers need to purchase the air gap accessory separately.

Step 6. Connect the water pipes

To connect:

- Push the tubing into the fitting.

Note:

If the tubing is not fully inserted, the seal will not form and leakage may occur.

- When the tubing is fully inserted, attach the blue lock clip to the fitting. This will secure the tubing and prevent it from slipping out.



To Disconnect:

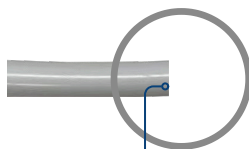
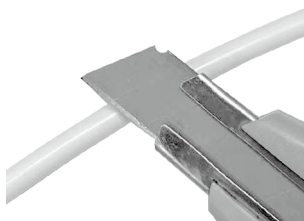
- Remove the blue lock clip from the fitting.
- Press down the lock sleeve with your thumb and index finger while pulling the tubing out with your other hand.

Note:

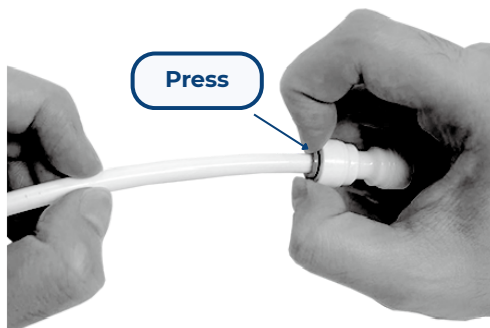
Do not pull the tubing directly, as this may damage the fitting and cause leakage.

Note:

If the tubing is too long, trim it to the required length using a sharp utility knife or scissors. Ensure the cut is clean and square. Insert the tubing fully into the fitting, about 0.8".



**Cut cleanly and
squarely**

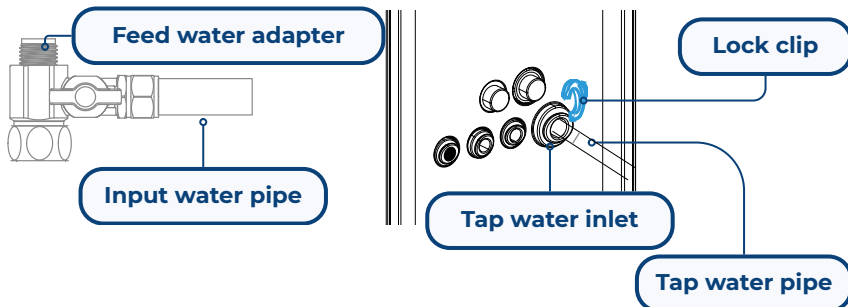


Install the input water pipe

Connect the input water pipe of the feed water adapter to the tap water inlet.

Note:

Make sure the tubing is fully inserted until it reaches the mark on the tubing.

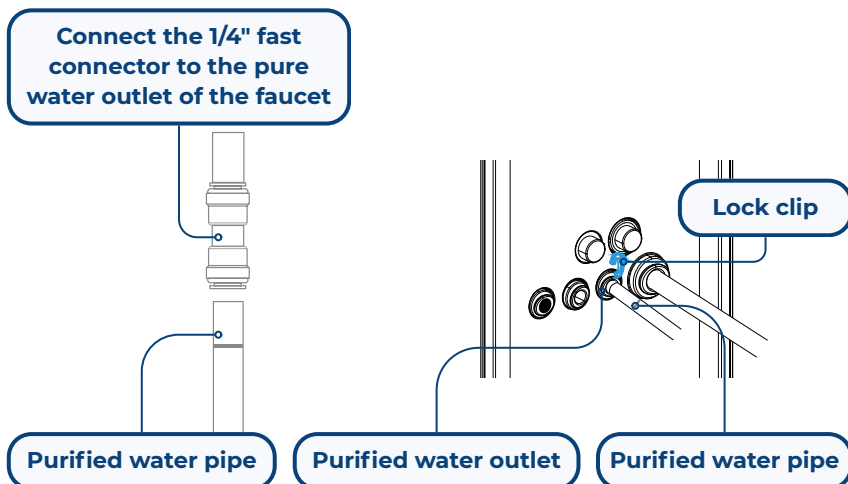


Install the purified water pipe

Connect the purified water pipe from the purified water outlet to the the faucet.

Note:

Make sure the tubing is fully inserted until it reaches the mark on the tubing.

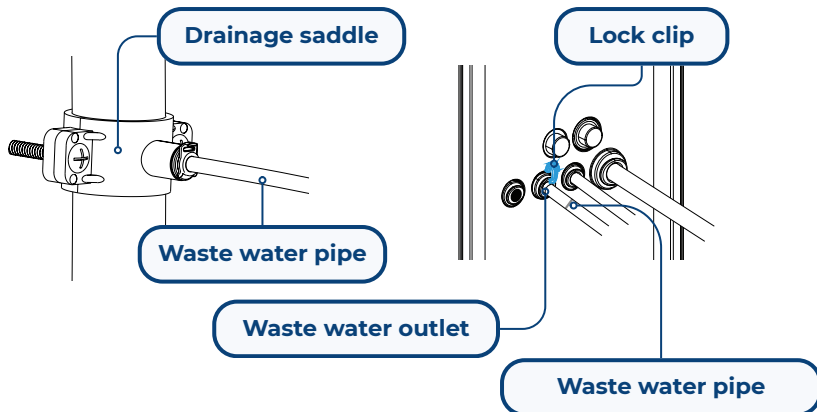


Install the wastewater pipe

Connect the wastewater pipe from the drain saddle to the wastewater outlet port.

Note:

Ensure the tubing is inserted fully until it reaches the mark.



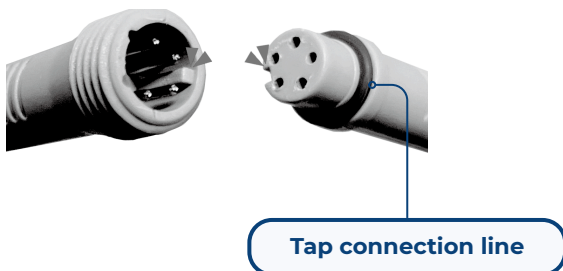
Step 7. Connect the tap signal line

Install the wastewater pipe

Connect the wastewater pipe from the drain saddle to the wastewater outlet port.

Note:

Attach the faucet connection line to the machine and secure it with the nuts.

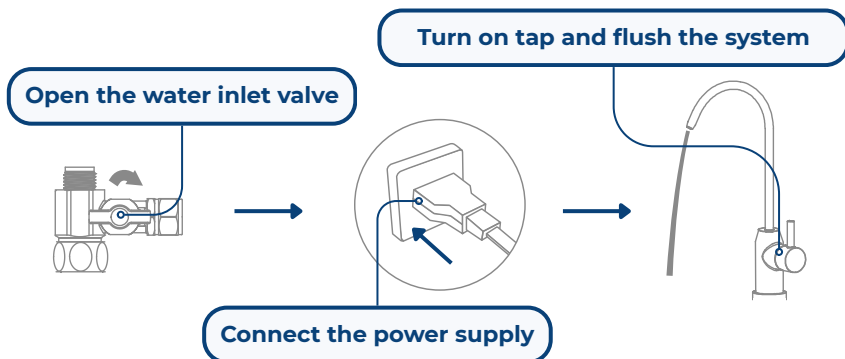


Step 7. Connect power and start up

Insert the DC plug of the power adapter into the power port on the back of the unit.

Note:

Do not connect to the wall outlet yet.



- Turn on the system as shown in the diagram. Due to the nature of the RO membrane, it contains moisturizing ingredients (mainly food-grade glycerin). After installing the H2O BlueSpring under-sink RO system, run water for 8–10 minutes during the first operation. The water produced during this time is not recommended for drinking, but can be used for cleaning, handwashing, or watering plants.
- To improve taste, use the system as much as possible on the first day.
- If the water quality still seems unsatisfactory, repeat the flushing process (run water for another 10–15 minutes).

Note:

- The system will automatically enter rinse mode every time it is powered on.
- Press the “Rinse” button briefly to start manual rinse mode; press again to stop and exit rinse mode.
- This product complies with the Lead-Free requirements of the National Construction Code, Volume Three (Plumbing Code of Australia).

Maintenance

- The recommended replacement cycle for all filters is based on average tap water quality. Actual replacement time may vary depending on your local water quality and usage. If filters clog or fail early, replace them sooner, as needed.
- The BlueSpring has an automatic flushing function that ensures there is no stagnant water inside the system. This process may occur several times a week.
- If performance is not otherwise monitored, replace filters every 6–18 months or by total water volume, whichever comes first. Filter life estimates are based on normal household use.
- If the purifier has not been used for more than two days, run water through the faucet for at least 3 minutes before drinking.
- If the purifier will not be used for more than one week, turn off the water supply and power, open the faucet, remove the filter, and store it in the refrigerator. When using again, flush the purifier for at least 10 minutes.

Need help?

If you have any questions, please contact us at support@h2ostores.com.

Fault Diagnosis

Issue	Possible Cause	Optimized Solution
Leakage	PE pipe or connector not properly inserted	Insert the PE pipe or connector securely
	Aging or damaged piping	Replace the piping
Low water flow or no water output	Inlet ball valve not open	Open the inlet ball valve
	No water supply	Wait until the water supply resumes
	Blocked piping or filter	Straighten or replace the piping; replace the filter
	Tap malfunction	Repair or replace the tap
	Inlet water pressure lower than rated pressure	Install a pressure booster
	Inlet water temperature too low	System will automatically resume once the water temperature returns to normal
Unusual taste in water	Long period of inactivity	Flush the system as instructed in the manual; if the issue persists, replace the filter
	Expired or ineffective filter	Replace the filter with a new one
Device not operating	Power supply issue	Check the power supply and power plug
	Power adapter failure	Replace the power adapter
	Water pump running continuously for more than 30 minutes	Turn off the power and restart the device
Continuous operation without stopping	Low water pressure	Check the water supply pressure
Filter indicator light turns red	Filter life has expired	Replace the filter and manually reset the filter life indicator



BLUESPRING

