

PURLLETTE®

Reverse Osmosis Water Filtration System

Owner's Manual

Model # PL400G



Scan QR code for installation video
or visit www.purlette.com

Congratulations!

You are now the owner of a Purlette System! Purlette is an under-the-sink water filtration system that makes tracking your water quality and keeping it clean and drinkable simpler than ever before.

Using the accompanying mobile app, you can monitor the potability of your water and know at all times exactly how much life your filter has left in it. You can even order a replacement filter directly through the app.

With the Purlette system you can rest assured that the water your family is drinking is safe and clean.

Introduction	System Features	2
	Operation Panel	3
	Before Installation	4
	What's in the Box	5
Installation	Three-Way Valve	6
	Drinking Faucet	8
	Drain Saddle	9
	Water Lines	10
	System Diagram	11
	Flushing the Filter	12
	Network Connection	13
Maintenance	Replacing the Filter	14
Safety	Warnings and Precautions	16
Troubleshoot	Self Troubleshooting Guide	19
Warranty	Three Year Limited Warranty	21

Advanced Multistage Dual Cell Filtration

- Sediment Filter: Traps large sediment such as sand, dirt, silt and rust.
- Active Carbon: Separates volatile organic carbon compounds, pesticides, and chemicals.
- High Precision PP: Removes fine particles from tap water.
- Reverse Osmosis: Eliminates up to 99% of common drinking water contaminants.
- Post Carbon Block: Improves drinking water taste and gets rid of odors.

General Filter Replacement Intervals

- RO Filter - Replace every 24 months*
 - HYBRID Filter - Replace every 12 months*
- *Filter life may vary depending upon water usage and source water quality**

Auto-Cleaning

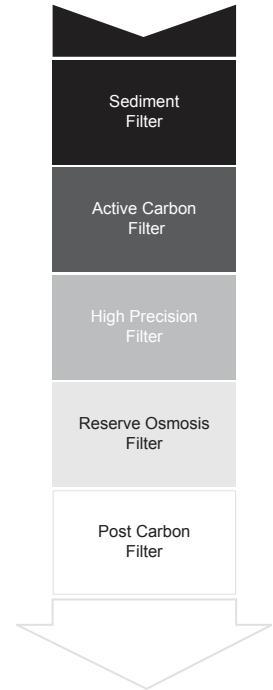
The Purlette system will enter the auto-cleaning mode periodically. This is usage-based and will occur randomly. The Purlette system will make an audible sound when it is in auto-cleaning mode.

Safety Mode

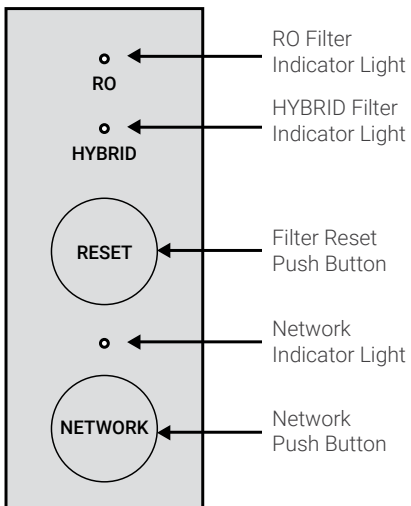
If user leaves the faucet turned on, the Purlette system will shut off automatically after two hours. To exit safety mode, restart the Purlette system by unplugging and replugging the power cord.

Real Time Monitoring via App

User can monitor drinking water quality, check the remaining filter life, and purchase a replacement filter through the Purlette mobile app.



Operation Panel



Power-on All indicator lights flash 3 times once the Purlette system is plugged in.

Operation Mode Filter indicator lights will remain solid white (non-flashing) while filters are functioning properly. When the service life of a filter expires, the filter element indicator light for the specific filter will begin flashing. The other filter light will continue to be non-flashing until that particular filter requires replacement.

Auto-Cleaning During auto-cleaning, the two filter element indicator lights are turned on in alternating sequences. The sequence will be as follows: filter element RO ... filter element HYBRID ... filter element RO ...

Network Connection To wake the Purlette system, press and hold the NETWORK button for 3 seconds. The network indicator light will remain solid (non-flashing) upon successful connection. If a network connection has not been established, the network indicator light will continue to flash and the Purlette system will attempt to establish a connection for 10 minutes and then turn off.

Energy Saving Mode The Purlette system will automatically enter the energy saving mode if drinking water faucet is not used for 3 hours. All indicator lights will turn off in energy saving mode. When drinking water faucet is used, an operation panel button is pushed, or the system enters auto-cleaning mode, the Purlette system will exit energy saving mode and indicators will illuminate automatically.

Before Installation

Operation Parameters

INDOOR USE ONLY we recommend that the Purlette system installed under the kitchen sink. However, you may install the Purlette system in any suitable indoor location away from direct exposure to the environment, with adequate space for the Purlette system to stand upright.

DO NOT USE with micro-biologically unsafe water or water from unknown sources or quality.

APPLICABLE WATER: municipal tap water

APPLICABLE WATER PRESSURE: 14–100 psi

FEED WATER TEMPERATURE: 40–100° F

GFCI VOLTAGE: 100–125 V

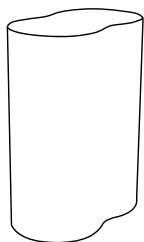
⚠ Installation must be performed in compliance with local plumbing codes

⚠ Failure to comply with above installation and operation parameters can result in void of warranty

Recommended Tools

- Variable speed drill
- 1/4" drill bit (for drain pipe)
- Protective eye gear
- Adjustable wrench
- Phillips-head screwdriver
- Tube cutter (for adjusting PE tube length if desired)

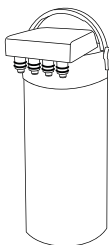
What's in the Box



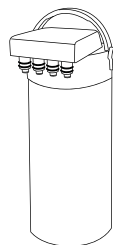
Purifier



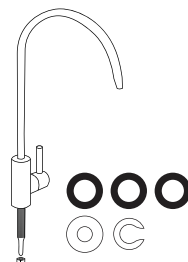
Dust Lid



RO Filter



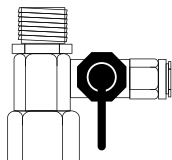
Hybrid Filter



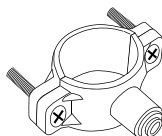
Drinking Water
Faucet
and Parts



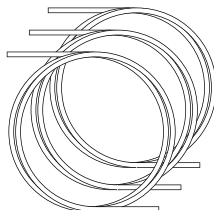
Thread
Seal Tape



Three-Way
Feed Water
Adaptor Valve



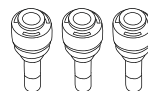
Drain
Saddle



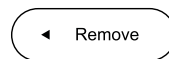
1/4" PE
Tubes



Locking
Clips

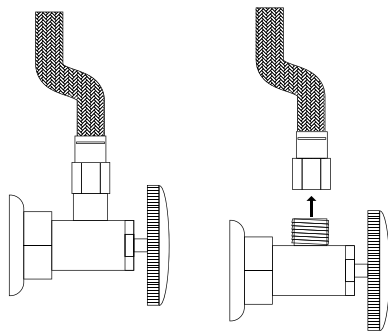


Quick
Connectors



Silicon
Protective
Cover

Step 1: Install the three-way feed water adaptor valve

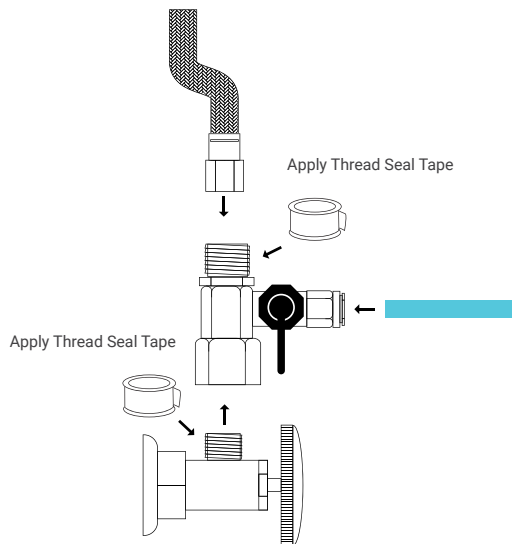


Locate the cold water supply valve under the kitchen sink. Turn the incoming cold water off by turning the valve clockwise. Turn on the kitchen faucet to release any pressure and make sure the water has stopped before proceeding to the next step.

❗ The cold water supply is usually located on the right-hand side. However, to ensure this is the case, turn the hot water on for two minutes. Feel both hoses with your palm. The hot water supply riser hose should feel warm. The one remaining cool is the cold water supply.

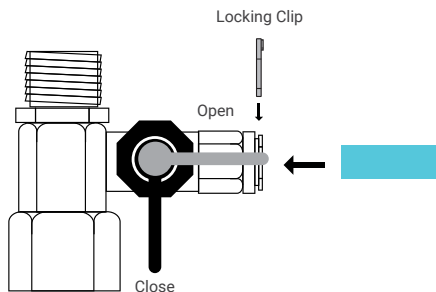
Next, install the three-way feed water adaptor valve.

Once you have ensured that the cold water supply is shut off, disconnect the cold water riser hose fitting from the cold water valve that you just turned off. Using an adjustable wrench, turn the nut counter clockwise until disconnected. There may be some residual water inside the riser hose so have a bucket or towel to catch it.



Now install the three-way feed water adaptor valve. The adaptor valve has a top and a bottom that are threaded nut connectors with a side quick-connect fitting. Use the thread seal tape to wrap the threaded stem from the cold water valve coming out of the wall and gently screw the adaptor on over the tape. Next, repeat step above and reconnect the cold water riser hose. Make sure that both connections are secure, but do not over tighten or you can damage the fittings.

Step 2: Attach water line to three-way feed water adaptor valve

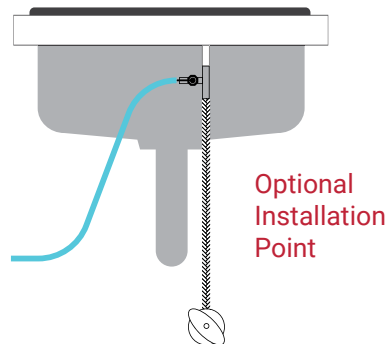
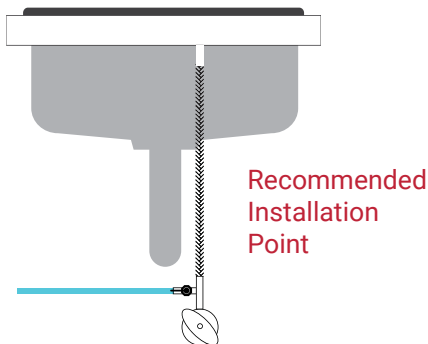


Now it's time to connect the tap water input line to the three-way feed water adaptor valve.

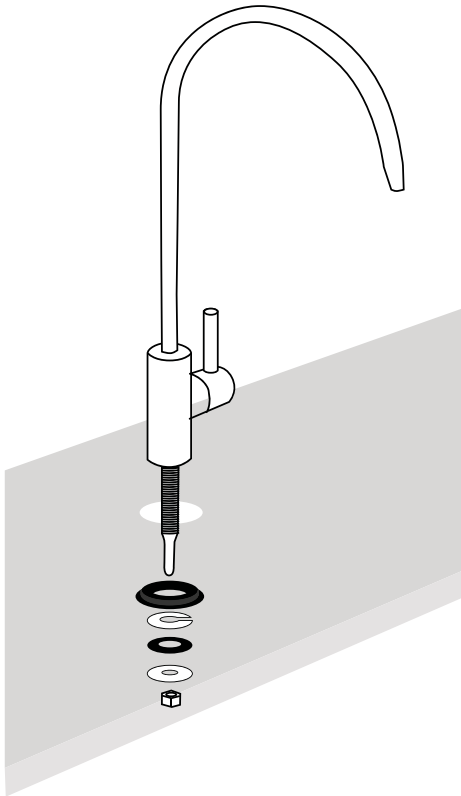
Locate the tap water input line (blue PE tube) and connect one end to the three-way feed water adaptor valve by pressing the one end of the tube into the quick-connect fitting. Be sure to push it in all the way until you feel it stop otherwise leaks may occur. Then slide the locking clip into place to secure the tube. Pull gently to ensure that it is securely attached.

① If your pipe connection is 1/2", the three-way feed water adaptor valve is 3/8", but comes with a 1/2" convertor for your convenience.

⚠ Do not connect the other end to the Purlette system at this time



Step 3: Install the drinking water faucet



When installing an additional faucet, many times there are already pre-drilled holes available. Many sinks have a soap dispenser or spray hose hole that can be used for this purpose instead, if desired. Please consider hiring a professional if there is not a pre-drilled hole.

Simply place the drinking faucet housing on the counter or sink where the pre-drilled hole is separated by the provided rubber gasket. The stem from the faucet should be accessible from under the sink.

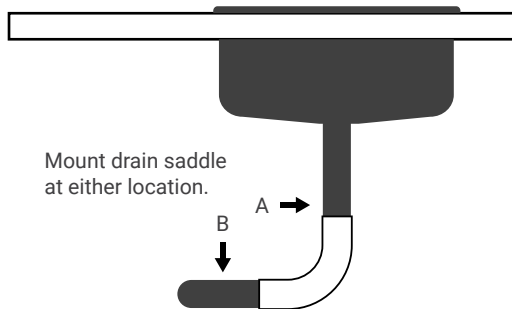
Place 3/4" washer onto the threaded stem and secure under the counter. Place 3/4" nut on threaded stem and secure by tightening until faucet can't move freely. Give the nut a quarter turn with the wrench to ensure that the faucet stays in place.

Locate purified water output line (white PE tube) and press into the drinking water faucet stem quick-connect fitting and confirm that it is secure. Once secure, slide the locking clip into place to avoid leaking

i Certain faucet models may not be equipped with a quick-connect fitting.

⚠ Do not connect the other end to the Purlette system at this time

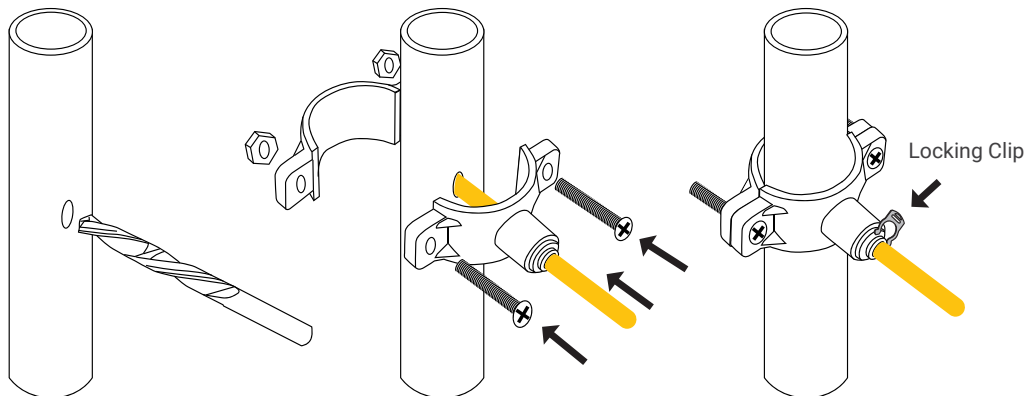
Step 4: Install the drain saddle



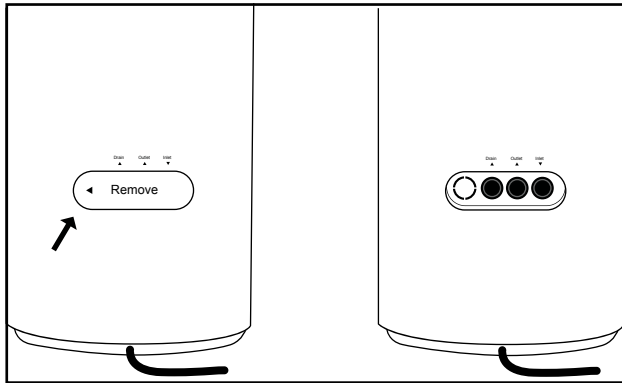
Select a location on the drain pipe that is 1 ½" straight length of pipe, preferably on a horizontal plane (B), for drilling a 1/4" hole through one side of the drain pipe, then put the self-adhesive black foam seal around the newly drilled hole.

Next, align and install the 1/4" drain saddle with the drilled hole. Attach the drain saddle to the drain pipe and tighten the two screws. Once the drain saddle is secured, push the waste water drain line (yellow PE tube) through the quick-connect fitting on the saddle and insert the locking clip to secure the yellow PE tube in place.

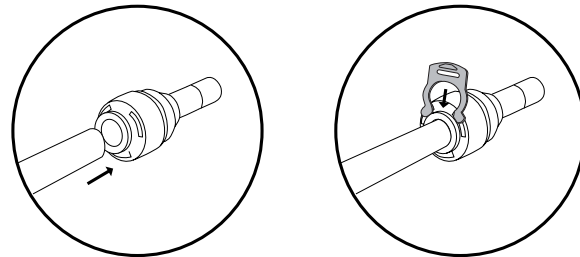
⚠ Do not connect the other end to the Purlette system at this time



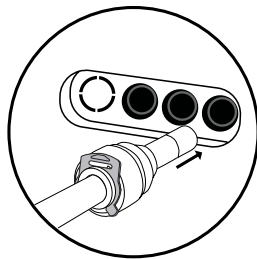
Step 5: Connect water lines to Purlette system



Remove the protective silicon protector from the back of purifier to reveal connection ports.



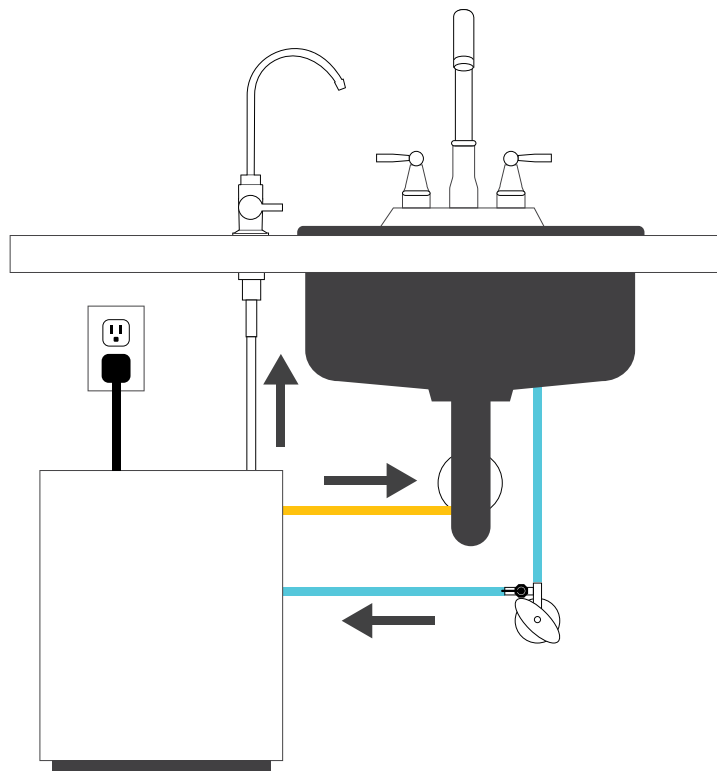
Attach quick-connectors to all three water lines and make sure to push in all the way until it stops. Slide the locking clip in to secure the water line. Repeat this process for all three water lines (white, yellow, and blue PE tubes)



Connect each PE tube (now with quick-connector) to corresponding port. Read the tag carefully before inserting. If you make a mistake, push the quick connector in gently with one finger, and pull out the PE tube with your other hand. The tube should release. Do not use force. Press the tube into the drinking water faucet stem quick-connect valve and confirm that it is secure to avoid water leak.

Step 6: Turn on the water supply

Connection Diagram

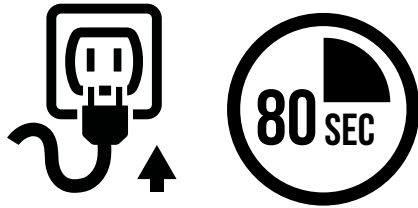


Now it's time to check the system to make sure that there are no leaks!

⚠ Do not plug in the Purlette system at this time.

Turn on cold water supply and check each connection for leaks. If any leaks are detected, turn off cold water supply immediately, remove locking clips and ensure all fittings are properly installed and tightened. Then re-insert the locking clips. Turn water supply on again to re-check. If there are no leaks, proceed to next step.

Step 7: Plug in the Purlette system



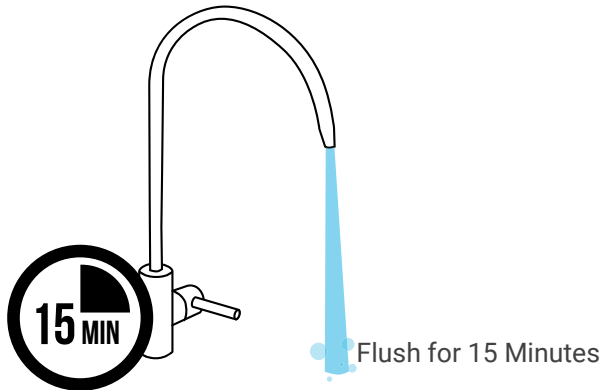
Now it is time to plug in the Purlette system.

Plug the power cord into the 110 GFCI outlet.

The indicator lights will flash 3 times in synchrony to tell you that it is starting up.

The Purlette system will enter auto-cleaning mode for 80 seconds. No water will come out from the drinking faucet during this time.

Step 8: Flush the Purlette system

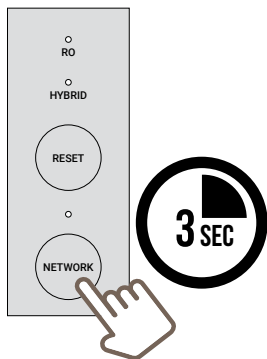


Filters need to be flushed at least 15–20 minutes prior to use. People with sensitive taste may choose to flush the filter for a longer period of time to remove all of the organic compounds from the filters to improve taste.

HYBRID Filter - Manufacturer recommended flush time is 15 minutes

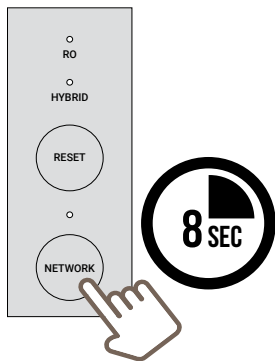
RO Filter - Manufacturer recommended flush time is 24 hours

Step 9: Network operation



Connect: Press the network button for approximately 3 seconds. A buzzer will sound “DD” twice. Let go of the button when you hear the buzzer. The network light will begin flashing after the buzzer, indicating the system has begun networking.

 System will exit networking mode automatically after attempting to connect for 10 minutes or when a network connection has been established.



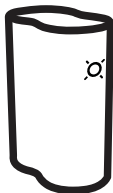
Disconnect: Press the network button for 8 seconds, the buzzer will sound a constant “D” noise. Release the button when you hear the buzzer. The network indicator light will go out, indicating the system is offline.

 After networking, the TDS value of filtered water can be viewed through the Purlette mobile app. As TDS testing equipment is affected by water temperature, flow rate, and water pressure, the test value will have slight deviation.

Maintenance

Replacing filter when indicator light is flashing

1.



The light of a filter indicator starts flashing when the filter needs to be replaced.

2.



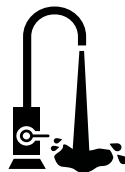
Close the three-way feed water adaptor.

3.



Unplug the power cord.

4.



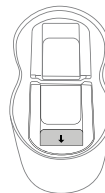
Open faucet to release pressure to make removing filter easier.

5.



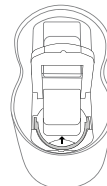
Remove the dust lid.

6.



Lift quick release arm.

7.



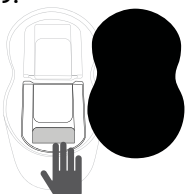
Locate the filter handle and gently pull up the expired filter.

8.



To install a new filter, first make sure the filter ports are aligned.

9.



Press the quick release arm down gently until you hear a pop sound. Remember to put back dust lid

10.



Re-open the three-way feed water adaptor and check to make sure there are no water leaks.

11.



Replug the power cord.

12.



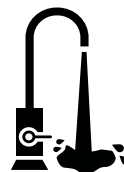
Wait approximately 80 seconds for the Purlette system to initialize.

13.



Press the filter RESET button for 3 seconds until you hear a "D" sound.

14.



Remember to flush the filter prior to use.

Maintenance

Replacing filter when indicator light is not flashing

When replacing the filter without being prompted to by the system, you have to manually reset the timer for the filter life so the system can notify you when it is time to change your filter.

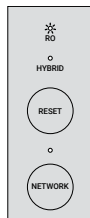
Follow steps **2-12** on the last page. Then follow these next steps to manually reset the filter timer:

1.



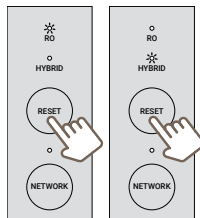
Long press the RESET button for 3 seconds until you hear a "D" sound.

2.



The RO light will start flashing indicating that the RO filter has been selected.

3.



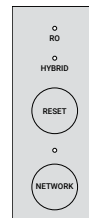
Short press the RESET button to switch between the RO filter and the HYBRID filter.

4.



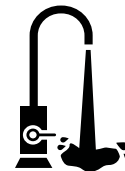
Once the correct filter has been selected, long press the RESET button for 3 seconds until you hear a "D" sound.

5.



Once you have successfully reset the filter, the indicator light should turn solid (non-blinking).

6.



Remember to flush the filter prior to use.

Safety

WARNING: To ensure safety and avoid injury and property loss to you and others, please be sure to adopt the following safety precautions. Ignoring safety precautions may result in damage to the system and void of warranty.

Safety Precautions [Prohibited]



- Avoid installing the Purlette system where unit will be in direct sunlight, which may cause aging of product parts.
- Avoid exposure and storage in temperatures below 40 degrees Fahrenheit.
- Avoid strong magnetic devices, which may cause fire, product damage, or circuit failure.
- Avoid wet and dusty areas, which can cause circuit damage.
- Do not place heavy objects on the Purlette system.
- Do not allow children to operate, mishandle, or climb onto the system unit. Children and intellectually disabled adults shall use the product under guardian supervision.
- Do not pull the power cord directly when unplugging. Take the plug and pull to prevent damage. Please keep your plug dry and clean.
- Do not use wet hands to plug or unplug the power cord.
- Do not allow flammable-volatile substances near the Purlette system.
- Do not allow the Purlette system to be in contact, or close to, the source of heat or open fire.

- If feed water source does not meet the municipal water standards (including high sediment content and excessive residual chlorine, etc.), a pretreatment device shall be installed before using the system.
- The optimum working pressure of the Purlette system is 14–100 psi. If the water pressure is lower or higher than this, please install pressure boosting device or pressure reducing device accordingly.
- Do not plug the system directly into the pressure boosting device.
- In case of product failure, quickly cut off the power supply/water supply and contact local plumbing professional.
- When the ambient temperature and feed water temperature is low, the water flow rate will be reduced, which is the inherent feature of the filter element.
- Clean and replace each filter regularly.
- Only use genuine replacement parts provided by our company.
- It is normal for the product to have slight vibration and noise when water is being processed/filtered.
- The Purlette system is only intended for indoor installation and use.
- If you do not use the Purlette system for an extended period of time, please disconnect power and close the three-way feed water adaptor valve. After you have started the Purlette system again, run the water for 3–5 minutes before use.

Contents you shall [Notice] which may cause minor injury or property damage.

- In the event of a water shutdown or pipeline maintenance, it is imperative that the three-way feed water adaptor valve is closed and the Purlette system be disconnected. Once the water shutdown or pipeline maintenance has been completed, before reconnecting the Purlette system, always be sure to flush water lines to clear any sediment that may be inside. Failure to do so may result in sediment blocking the filter element of the Purlette system and damaging the system.
- Do not bend, smash, pull, knot or damage the power cord.
- Do not attempt to disassemble the system unit.
- Do not attempt to repair the power cord yourself if it is damaged.

Safety

Caution: The user is cautioned that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC RF Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and any part of your body.

FCC Supplier's Declaration of Conformity:

Purlette / PL400G

This device complies with part 15 of the FCC rules. Operation is subject to the following conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

VISINI USA INC.

136 N. Grand Ave. #330, West Covina, CA 91791 (USA)

1-800-928-7624

Troubleshoot

The following guidelines are intended for troubleshooting simple and common issues. If you find that you cannot fix the problem yourself please consult a local plumbing professional, or contact our customer service hotline at 1-800-928-7624. Please do not attempt to disassemble and repair the Purlette system, as such action could result in damage to the system and void of warranty.

Issue	Possible Cause	Recommended Action
Water yield decreases drastically	• The three-way feed water adaptor valve is not fully open, causing a decrease in water flow • Filter blockage or failure • The filter life has expired	• Check to make sure three-way feed water adaptor valve is fully open. • Replace the filters.
Filtered water quality is poor (High TDS level)	• Filter not in use for an extended period of time (over 3 days) • Filter/filters expired or defective	• Turn on drinking water faucet and let it flush for 3-5 minutes. • Replace the expired or defective filter/filters.
TDS is high, but life of filter is not expired	• The level of TDS in feed water exceeds the maximum level permitted by the EPA for public drinking water	• Immediately uninstall the Purlette system to avoid damage. • Install a pretreatment device to the cold water supply valve or main water shutoff valve.* • Reinstall the Purlette system after the pretreatment device.

*If water source has a TDS of over 500 ppm, a pretreatment device is required to be installed before using the system.

Troubleshoot

Issue	Possible Cause	Recommended Action
Drinking water faucet not discharging water	• The water leakage detector is triggered • Air lock may occur in pipes after filter replacement or water supply shutdown during pipe maintenance	• Shut off three-way feed water adaptor and unplug the power cord. • Inspect the lines and pipes for external leaks, and tilt the Purlette system to check for internal leaking. • If leakage is internal, water would drain out from the base. Please cut off power and water to the system immediately and contact customer support. • If the leakage is external, repair the leak and drain any water from base of the system by tilting the system. • Reset the leakage detector by locating the tap water input line (blue tube) of the Purlette system then disconnecting and reconnecting the water input line to the inlet port. • To remove the air lock, unplug the system power cord and close the three-way feed water adapter. Turn on the kitchen faucet and make sure the water is flowing before reopening the valve and plugging in the system.
System won't shut off after 3 minutes of non-use	• Failure of the electrical circuit board or solenoid valve	• Cut off power and water to the system and contact customer support immediately.
System is leaking	• System component failure	• Cut off power and water to the system immediately and contact customer support.

Three Year Limited Warranty

The Company hereby warrants to the original retail purchaser of this product that, should this product or any part thereof, under normal use and conditions, be proven defective in material or workmanship within three years from the date of original purchase, such defect(s) will be repaired or replaced with reconditioned product (at the Company's option). This Limited Warranty is the purchaser's exclusive remedy for any such defect(s).

To obtain repairs or replacement within the terms of this warranty, please contact us at 1-800-928-7624 (open Monday to Friday, 8 am to 5 pm Pacific Time); PURLETTE/VISINI USA Inc., 136 N. Grand Ave., #330 West Covina, CA 91791. Proof of warranty coverage (i.e. - dated bill of sale) is required.

This Warranty does not apply to replaceable filter cartridges where the life expectancy of can vary. The warranty is voided if any product or part thereof which, in the opinion of the Company, has suffered or been damaged through alteration, improper installation, mishandling, misuse, neglect or accident. The opinion of the Company with respect to this matter shall be final.

THE EXTENT OF THE COMPANY'S LIABILITY UNDER THIS WARRANTY IS LIMITED TO THE REPAIR OR REPLACEMENT PROVIDED ABOVE AND, IN NO EVENT, SHALL THE COMPANY'S LIABILITY EXCEED THE PURCHASE PRICE PAID BY PURCHASER FOR THE PRODUCT.

THIS WARRANTY IS IN LIEU OF ALL OTHER EXPRESS WARRANTIES OR LIABILITIES. ANY IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY, SHALL BE LIMITED TO THE DURATION OF THIS WRITTEN WARRANTY. ANY ACTION FOR BREACH OF ANY WARRANTY HEREUNDER, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY, MUST BE BROUGHT WITHIN A PERIOD OF 36 MONTHS FROM THE DATE OF ORIGINAL PURCHASE. IN NO CASE SHALL THE COMPANY BE LIABLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES FOR BREACH OF THIS OR ANY OTHER WARRANTY EXPRESS OR IMPLIED WHATSOEVER.

No person or representative is authorized to assume for the Company any liability other than expressed herein in connection with the sale of this product. Some jurisdiction does not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. This Warranty gives you specific legal rights and you may also have other rights, which vary from jurisdiction to jurisdiction.

