My Water Filter
Providing Clean Drinking Water to the World

Triple Stage 10" Under Sink Water Filter System with Ultraviolet Light for Untreated Water

WARNING:

For correct operation of this appliance it is essential to observe the manufacturer's instructions. This system is not UV resistant. Install only out of direct sunlight.

If you have purchased the system including the pH Neutraliser you MUST flush this cartridge before use. This will release any carbon and calcite fines as these are a dry packed cartridge. This must be flushed until the water runs clear. Failing to do this may cause the UV Lamp to not function correctly due to the black carbon surrounding the UV Thimble. Please ensure once this is complete that you then attach the cartridge correctly and check for any leaks.

This system must be mounted in a vertical position and must be positioned to allow access for service and filter cartridge changing. At the same time, the assembly should be relatively near the faucet to maximize flow rate.

On fittings where thread tape is required, we recommend 6 full rounds of thread tape per thread. Water Tubing (hose) should be cut with a sharp, clean knife or Tube Cutter in a straight line to ensure correct seating into the quick connect fittings/components. Once installation is complete the installer should inspect for leaks.

WATERMARK:

This Water Fltration System certified to WaterMark Standards AS/NZS 3497 Under the Certificate number 23247. WaterMark is the standard that is required by law for a qualified plumber in Australia to install any item on municipal town water.

All products used under this certification will give you peace of mind knowing that your water filter complies with Australian plumbing codes.
Our WaterMark filtration systems are hand assembled here in Australia and are batch tested to ensure quality and workmanship for your filtration products.

INSTALLATION:

As per Australian Plumbing Standards, this unit must be installed by a Qualified Plumber in accordance to the manufacturer's instructions and requirements. Failure to follow these guidelines may void warranty and
insurance

PLEASE NOTE:

All components that come pre-assembled will require tightening and checking before installation. The housings are only firmly hand tightened and will require tightening upon installation.

Due to transit, fittings and other components may be loosened or unseated from vibrations so please go along and check all things including but not limited to: Tubing, Fittings, Tubing connections (between tube and fitting), O-rings, housings and filters.

INSTALLATION OF WATER SUPPLY CONNECTOR:

Any connection put into a mains supply should be done by a Qualified Plumber.

1. Turn off the water connection under your sink or the main water supply. Open the tap to release the
pressure.
2 The PLV is an inline application. Place the PLV inline from the water supply to the first filter. This will provide
500 kPa protection to the filter system in compliance to Australian Plumbing Codes.

WORKING WITH QUICK CONNECT FITTINGS:

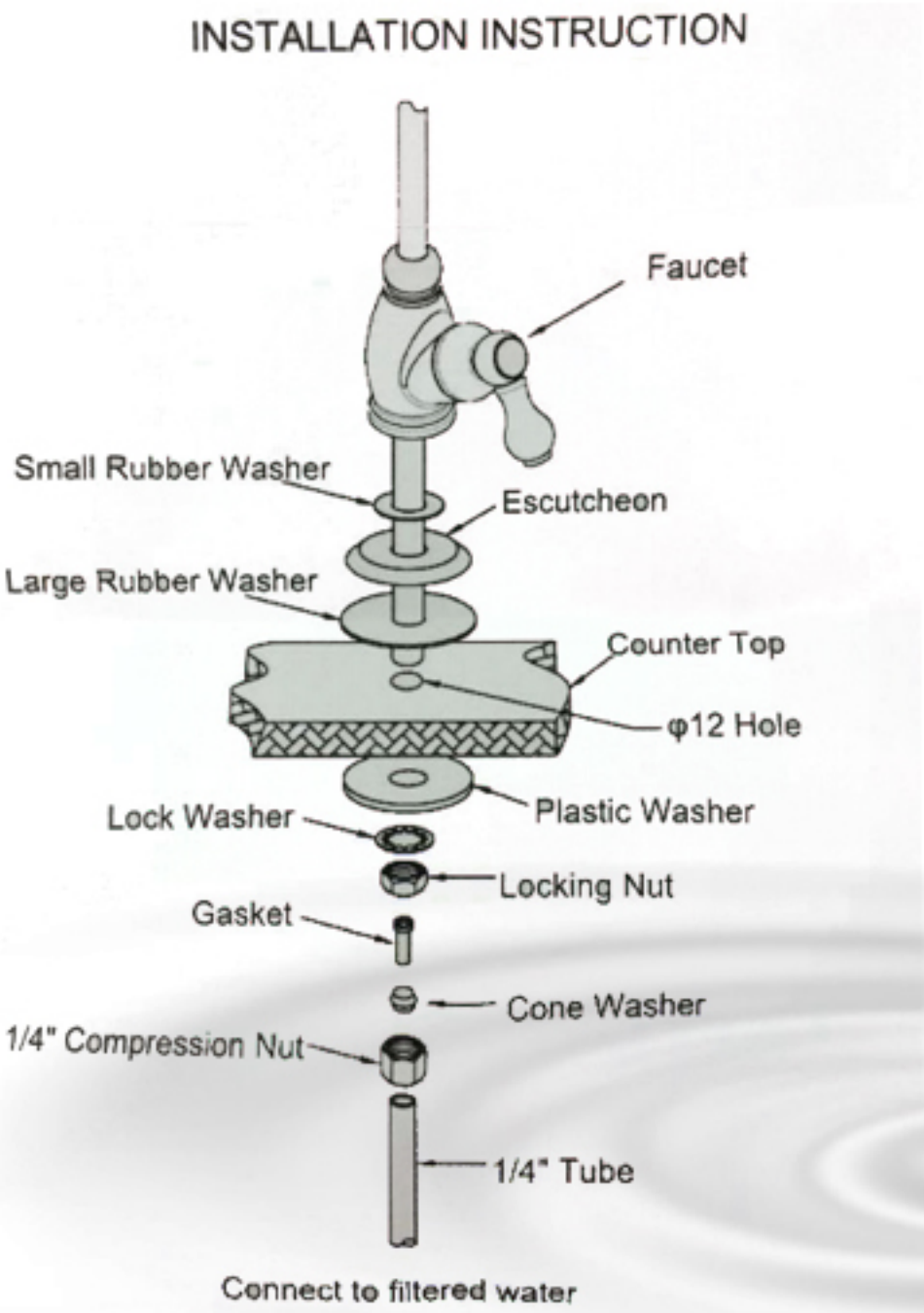
Using Push-Fit fittings aka "John Guest" fittings:
If you come across a push-fit fitting, you need to firmly push the tubing into the opening until you feel a "click" which signifies that the tubing has pushed through the internal O-ring and is seated correctly. If leaking occurs, it may be due to roughly cut tubing OR the tubing is not pushed in far enough. To remove tubing from push-fit fittings, depress the floating collet (shown in below photo), then pull the tubing out.to the picture provided below that shows the correct installation of these fittings)

MOUNTING THE PURIFICATION SYSTEM:

1. Mark screw locations at the desired positions. Use the two holes on back of purification assembly mounting bracket for marker guides.
2. Screw wood screws - Not supplied with unit, into marked positions. Leave screw heads out a little.
3. Mount purification system onto screws

INSTALLATION OF FAUCET:

1. Using a small drill bit, drill a pilot hole.
2. Using the 12mm drill bit, drill a hole through the base metal. Operate the drill slowly and carefully, especially when the drill is about to penetrate the metal. If necessary use a drop or two of oil in the hole.
3. Mount the sink top faucet in the hole and using an adjustable wrench (or hand) to hold the faucet, tighten the 7/16" nut.
4. Connect the tube from the outlet side of the UV system to the faucet.



SETTING UP THE UV CHAMBER:

The UV chamber comes pre-mounted on these units however the thimble, tube and power supply will need to be connected before use.

NOTE: Due to the fragile nature of the Quartz glassware, care must be taken when handling and installing the tubes.

1. Remove the sealing nuts from wither end of the UV chamber.
2. Remove the Glass Thimble from its cardboard sleeve, handle with minimal contact to the glass where possible.
3. Slide the thimble into the chamber from left to right, dome end first until there are equal parts exposed from either end of the SS Chamber.
4. Insert the Black/Clear O-Rings over each end of the UV Thimble until they are pressing up against the UV chamber male thread.
5. Screw on Threaded sealing nuts by hand (Dome End First) and tighten to ensure the UV thimble stays centre in the chamber.

NOTE: These chambers will seal if the nuts have been firmly hand tightened. Tools are not usually necessary unless leaking occurs

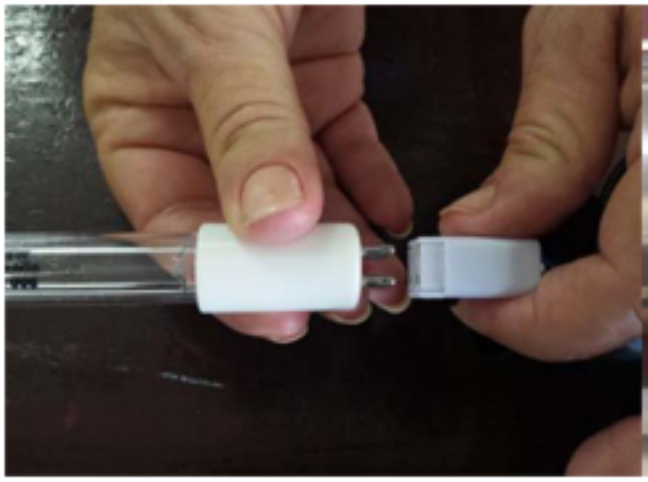
CONNECTING THE UNDERSINK UV SYSTEM:

1. Measure length of White tubing from your cold-water inlet (mains water inlet tee)
- Firmly push in tubing to the ¼" fitting on the Tee and screw tight to lock the tubing in. Add PLV to this line as per above diagram page 2.
- Install ¼" Elbow into the left cannister (labelled 'Dirt Sediment). Connect the ¼" Hose from the Inlet TEE/PLV to this elbow.
2. Measure and cut length of tubing between the UV System & The Faucet Tap
3. Connect filtered water to Facet tap on sink (Refer to previous Faucet Installation)

Start Up Procedure:

1. Before turning on water, ensure that all connections are firmly connected. With everything connected, turn on the water check for leaks.
- If leaking occurs at plastic fittings, shut off the water, remove the fitting and wrap with 6-8 rounds of thread tape.
- If leaking occurs at a tube join (quick connect join), remove the tubing, ensuring there is a clean parallel cut. Firmly push the tubing back in as per the 'Using Quick Connect Fittings' Instructions on page 2.
- If leaking occurs at the UV chamber (From the end nuts), check that the o-rings are seated correctly and not kinked or pinched. Re tighten the nuts slightly tighter. WARNING: Be careful not to overtighten the end nuts as this may crack the tube

2. Before installing the UV lamp and power supply, Let the water run for at least 5 minutes. This flushes the system on first time use. Then allow the system to sit under pressure for 15 minutes to be confident there are no slow drip leaks or seeping.
3. Once confident there are no leaks, plug the UV lamp into the power supply and slide it into the UV chamber.
4. Connect the Earth line to the lug at the bottom of the UV chamber. Leaving the tube slightly exposed, plug in the power supply then turn it on. This is to ensure that the UV lamp lights up correctly and is functioning.
5. Turn off the UV light then slide the Rubber boot over the end nut.
6. Turn the power back on and run the system for 2-3 minutes.
The system is now ready for use.




CAUTION FOR YOUR SAFETY:

- Change filters regularly every 6 to 12 months.
- The UV light must be changed every 12 months
- Use only cartridges suitable for this appliance.
- Flush system for 5 minutes after a period of non-use exceeding 30 days.

FILTER CHANGING PROCEDURES:

All filters should be changed every 12 months at the latest or 8,000 litres. Not changing your filters and UV Light regularly can cause bacteria to grow and contaminate the water.
Sediment and Carbon Filters
1. Turn inline valve off & Turn off Power to the UV System.
2. Open faucet to help de-pressurize system.

NOTE: Lay a towel down to catch any small water spillage.

3. Unscrew filter housings by turning counter clockwise using supplied opening spanner.
4. Remove old filters and discard. Clean the Housings with warm soapy water and rinse well.
5. Insert new filters into appropriate housings.
6. Replace "O" rings as necessary. Be sure "O" ring is clean, lubricated and seated properly when tightening. Never use Vaseline or any other petroleum-based sealant. It may breakdown the "O" ring or the seat of the filter housing and cause a failure (leak).
7. Flush the system for 5 – 10 minutes to get rid of any carbon fines. Then follow normal system start up procedures.

RECOMMENDED SANITISING PROCEDURE:

The best time to sanitise is when changing the filters. It is recommended to sanitize the whole system a minimum of once a year.

1. Shut off water inlet tap valve. Remove old filters. We recommend you use a product called HydroSil-ULTRA Water Sanitiser. It is a food grade water sanitiser. Fill each cannister with a cap full of HydroSil and screw the cannisters back up (without filter cartridges).
2. Turn water supply back on to about 30% of maximum flow rate and allow the system to fill and spread the sanitizer through all the components.
3. Shut off water supply. Let entire system sit for about 2 hours to thoroughly sanitise.
4. Shut off the incoming tap valve.
5. Open faucet to release pressure. Turn on inlet water at ball valve. Flush the system for 10 – 15 minutes then replace the new filters into the unit.

SPECIFICATIONS:

Housing Size: 10" x 2.5"
Housing Part Number: GT8-0S
UV Chamber: GT7-2K | 304 Stainless Steel
Working Pressure: 70 psi (500 kPa)
Operating Temp: 4 – 38°C
Inlet/Outlet Ports: ¼" Female
Tubing Size: ¼" OD
UV Wattage: 14W
Input Power: 240V

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