

INSTALLATION AND OWNER'S INSTRUCTIONS

The WaterMark Certified Single Quick Change Water Filter Systems are installed underneath the sink with a tri-flow faucet or a separate stand-alone faucet, solely for purified water.

For technical assistance, please contact our Customer Service Department on **1300 808 966** or send an email to: **info@purewatersystems.com.au**



PLEASE REFER TO THE PURE WATER SYSTEMS STANDARD INSTALLATION & COMPLIANCE DOCUMENT SUPPLIED WITH THE SYSTEM FOR ALL REGULATORY INFORMATION. FOR A COPY OF THE DOCUMENT, PLEASE CONTACT US OR SCAN QR CODE FOR LINK.



SCAN HERE FOR DETAILS

****CONNECT TO COLD WATER ONLY****

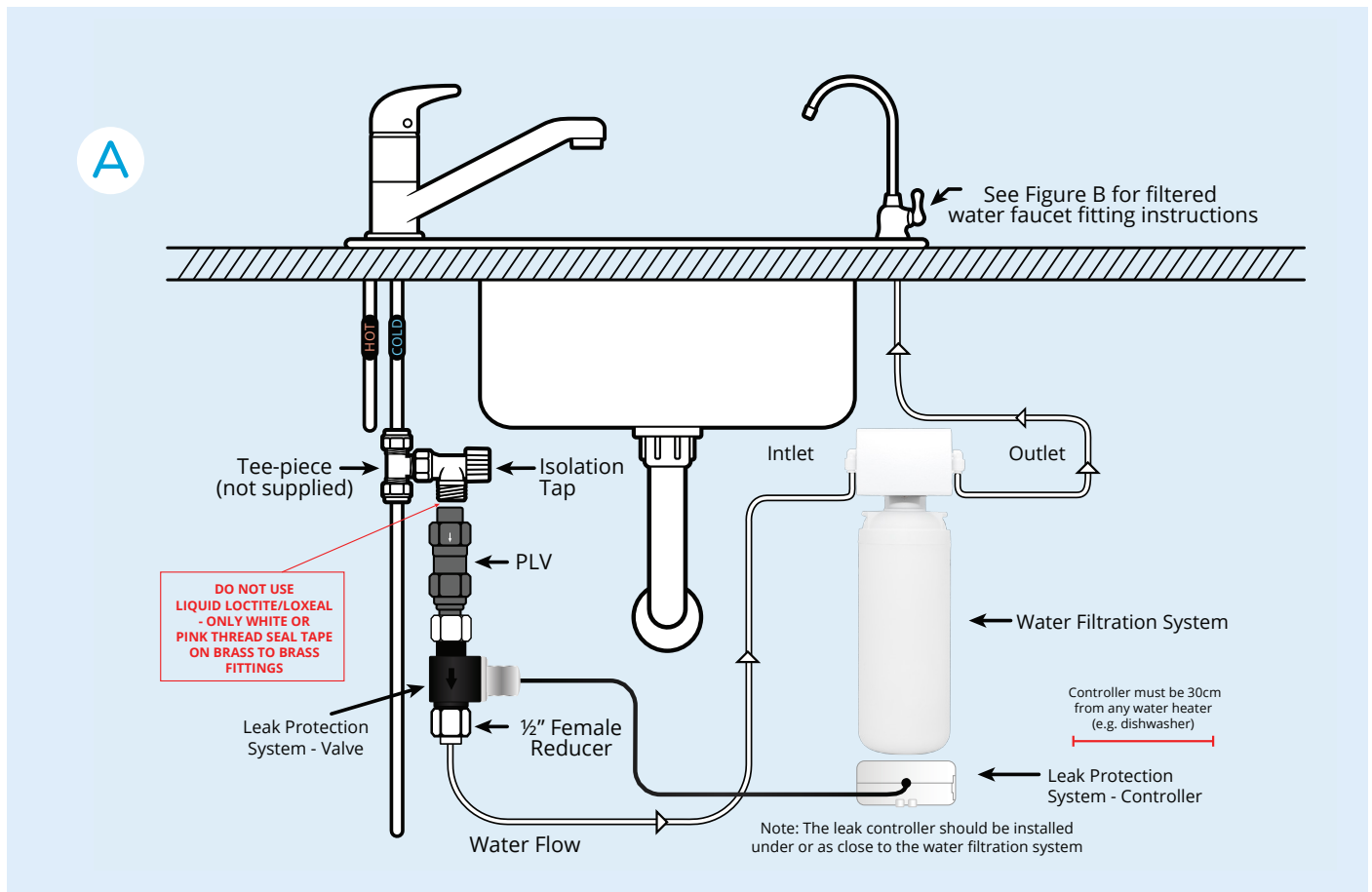
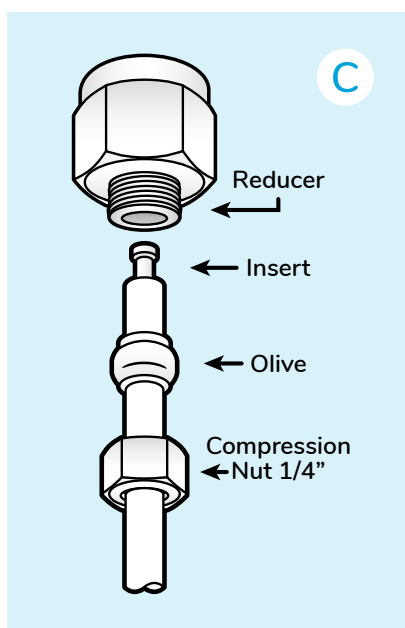
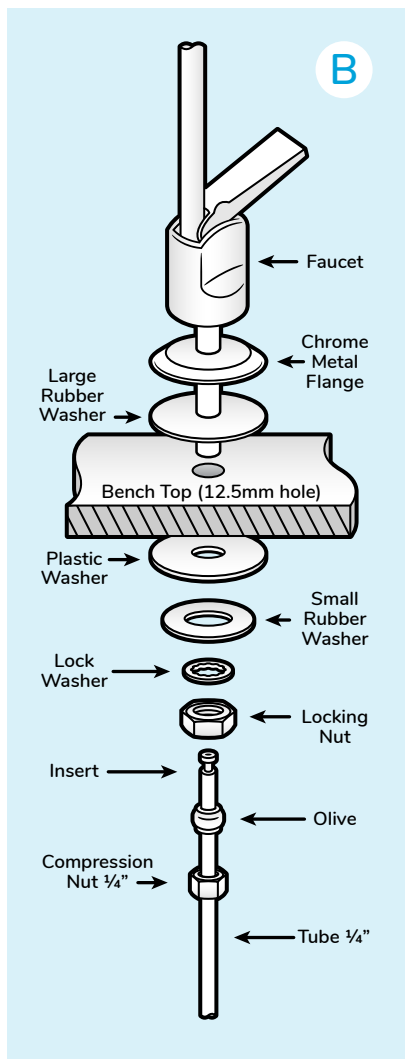


Image shows typical undersink installation, system can be installed in other locations providing installation conforms to AS/NZS 3500.1

DO NOTS:

- Do not connect to hot water
- Do not use Loctite/Loxeal on any fittings
- Do not flush carbon filter fines through the filtered water faucet as this may damage it and void the warranty
- Do not substitute any fittings from this kit with other fittings. Doing so will void the warranty and compliance with WaterMark
- Plastic Fittings: Do not use pink, yellow etc, thread tape as it will void the warranty. Only use white thread tape on plastic to plastic and plastic to brass fittings



Unpack the system

1. Remove the system from packaging and check all components:
 - 1 x Wall Bracket with quick change head
 - 1 x Cold water isolation tap
 - 1 x Pressure limiting / dual check valve (PLV)
 - 1 x Leak protection system
 - 1 x 3m length of 1/4" white John Guest tube
 - 3 x Mounting screws
 - 1 x Installation instructions
 - 1 x Fridge magnet
 - 1 x Service Due sticker
 - 1 x Filtered water faucet (optional)

Location

2. Discuss with the customer the location of the system under the sink.
3. Clean out under the sink.
4. If installing a separate filtered water faucet, discuss the location with the customer and check under the sink to see if a hole can be drilled in that position. Ensure the filtered water faucet will not interfere with anything under the sink.
5. Locate cold water line under the sink and assess where the cold water isolation tap is, or where it will be installed.

Faucet

6. If installing a separate filtered water faucet:
 - (a) Refer to **see Figure B** or install as per the manufacturer's installation instructions.
 - (b) If installing a tri-flow faucet, install as per the manufacturer's installation instructions, making sure the water pressure is between 150kPa and 1000kPa pressure.

Isolation Tap

7. Isolation tap must be installed in accordance with AS/NZS3500.1 and any other local rules or regulations. It must be separate to any other cold water isolation tap/s under the sink. One isolation tap must not isolate multiple fixtures (**see Figure A**).
8. If isolation tap is required, isolate cold water supply and drain the cold water system so that water doesn't flow into the kitchen cupboard.
9. If needed, use the two kinco nuts and olives with a short piece of copper tube to connect the isolation tap to the existing cold water pipe.
10. Ensure the new cold water isolation tap is turned off and then turn the water supply back on and check all connections for leaks.

Perform a cold water pressure test

11. If not done already, conduct a cold water pressure test. It is recommended to ensure the pressure is at least 300kPa, which is the minimum pressure required for the system to function properly.

Pressure Limiting Valve (PLV)

12. Using thread tape, fit the inlet side of the PLV to the cold water isolation tap ensuring the flow arrow on the PLV is pointing the correct way. If it is not able to be installed due to space constraints, a 1/2" female x 1/2" male elbow may be used or 2 x 1/2" female x 1/4" tube reducer and 2 x 1/2" male nipples.

Leak Protection System

13. The solenoid valve is designed to be installed after the PLV to shut the water off should there be a leak in the system or any of the tubing to or from the system (**see figure A**). It is supplied connected to the PLV with adaptor installed.
14. Slide off the battery cover on the right side of the controller and install the 9V alkaline battery. Please note that the controller can only be powered by a 9V alkaline battery. Any other battery may not activate the valve correctly.
15. After the battery is installed, there will be a long beep sound and all the LEDs will turn on for 3 seconds. The LED will blink several times to indicate the elapse time for the cartridge (**refer to supplied commissioning and trouble shooting guide**).
16. Place the controller (with the metal sensor plates down) at the lowest position of the floor of the cupboard directly under or as close to the water filtration system (**see Figure A**). If the floor is made of metal, please put a piece of paper or cloth between the floor and the system controller to avoid incorrect functioning of the system.

Mounting the system

17. Check the mounting surface to see if it is thick enough to take the length of the screws without protruding through to the other side.
18. Remove the blue travel plugs from the John Guest fittings in inlet/outlet.
19. Dry fit the filter system to again check if it fits without interfering with other items (allowing enough room to remove the cartridges for servicing). **The system must be mounted vertically.**
20. Install mounting screws and mount the system in place

Connection of the system

21. Using the supplied olive and insert, connect the white ¼" John Guest tube to the ¼" fitting on the outlet of the solenoid valve. (**see Figure C**).
22. Pull on the inlet tube to check that it is secure, you should not be able to pull it out.
23. Run the other end of the tube to the inlet of the system.
24. Cut the tube to length ensuring it is cut square and remove burrs and sharp edges. Ensure that the outside diameter is free from score marks.
25. Push the tube into the John Guest fitting on the inlet of the water filter system and up to the tube stop.
26. Connect the remaining white John Guest tube to the John Guest fitting on the outlet of the water filter system. (Do not connect to filtered water faucet yet)

Flushing the filters

Do not flush the carbon filter fines through the filtered water tap as it may damage it and void the warranty.

27. Place the outlet end of the white John Guest tube into a bucket/container or into the sink.
28. Turn on the cold water isolation tap to purge the system of air and flush the new filters for 20-30 seconds.
29. The initial 2-3 seconds of water from the water filtration system may be black, this is carbon fines being flushed out of the filter.
30. Turn off cold water isolation tap.
31. Connect the open end of the white John Guest tube to the filtered water faucet using the supplied nut, olive and insert (**see Figure C**). Tighten the chrome nut with a spanner until watertight (**do not overtighten, plastic olive may become distorted and leak**).

Test the water filtration system

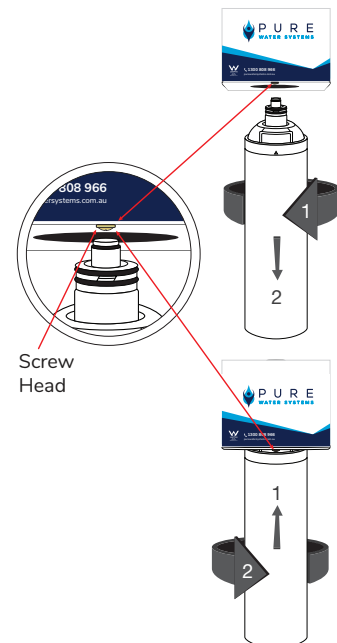
32. Open the filtered water faucet, turn on cold water isolation tap and flush the system for a further 1-2 minutes.
33. Turn off main cold water faucet and drinking water faucet.
34. Check the water filtration system for leaks at all joints and fittings and fix any leaks that may be apparent.
35. Explain to the customer that there may be micro air bubbles in the water for the next 24-48 hours. This is because the carbon filter has never been in water before and it takes 24-48 hours to totally saturate it with water. The water is safe to drink during this time.
36. Place the Service Due sticker on the inside of the cupboard door or on the system with the installation month.
37. Explain to the customer that they will be contacted this time next year to organise the filter service.

Important things to remember

- Flush the system for 5 minutes after periods of non-use, exceeding 5 days.
- Servicing: It is recommended that filter cartridges are replaced every 12 months or after the recommended litre usage which ever comes first. For servicing and maintenance guidelines in your local area, please check with your local water authority or state plumbing regulations as they vary between states and territories.
- For service and support, please contact your local retailer or send an email to: info@purewatersystems.com.au

Cartridge Replacement Instructions

- a. Rotate the old cartridge $\frac{1}{4}$ turn clockwise or until the arrow is pointing to the tab/screw
- b. Pull the cartridge down to remove
- c. Discard the old cartridge
- d. Remove cap off the new cartridge
- e. Insert the new cartridge into the filter head ensuring the arrow is lined up with the tab/screw on the system head
- f. Once lined up, push the cartridge in until it stops
- g. Turn the cartridge $\frac{1}{4}$ turn anticlockwise or until the arrow is pointing to the outlet



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.

Leak Protection Systems Commissioning and Troubleshooting

Filter life period LED indication after battery is installed.

1 time	2 times	3 times	4 times
90 days	120 days	180 days	360 days

Checking the filter life

Press Check/Reset button once to check the current status of the filter life. The system will indicate as follows:

Days	Acoustic Beep	LED
> 14 days	None	 Green
1 - 14 days	None	 Orange
=< 0 day	None	 Red

Near end of filter life alert

When the filter life is less than 14 days, the system will indicate as follows:

Acoustic Beep: 2 quick beeps, 5 times in succession	LED:  Blink red every 15 minutes
Note: Pressing the Check/Reset button will pause the beep alert for 2 days after which the system will alert again.	

End of filter life alert

When the filter life is at 0 days or beyond, the system will indicate as follows:

Acoustic Beep: 2 quick beeps, 5 times in succession	LED:  Blink red every 15 minutes
Note: Pressing the Check/Reset button will pause the beep alert for 2 days after which the system will alert again.	

Reset the filter life monitor

Pressing the Check/Reset button for 4 seconds will reset the remaining days back to the original setting.

Water leak alert

When the system detects a water leak, the system will activate the solenoid valve to stop water flow and will indicate as follows:

Acoustic Beep: Continuously sound 2 quick beeps	LED:  Blink blue continuously
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Reset water leak alert

After the water leak has been rectified, pressing the Check/Reset button for 4 seconds will reset the system and will indicate as follows:

Acoustic Beep: Long beep sound acknowledging	LED:  NONE
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Low power alert and shut off

When the battery is low, the system will indicate as follows:

Acoustic Beep : Single beep continuously	LED :  Blink red continuously
Note: It is strongly recommended that the battery is replaced immediately to keep the leak controller functional. After replacing the 9V alkaline battery, the alert will be released and if required, press the Check/Reset button for 4 seconds to turn on water again if the water shut off.	

Note: The solenoid valve can be susceptible to jamming open from dirty/hard water. Please check the solenoid valve periodically by putting the metal sensor plates (see Figure A) in a small amount of water.

If the solenoid valve does not shut off the water, please contact Pure Water Systems on **1300 808 966** or send an email to: info@purewatersystems.com.au