



Installation Instructions

Underbench Water Purifier

Please ensure you have read the instructions and that no parts are missing prior to installation.

Please note

The approximate life of your filter is two years and will vary depending on several factors, i.e. manufacturers recommendation, amount of water being used through the filter, turbid water supply, amount of sediment in the water etc. If the flow through the filter decreases or water taste deteriorates it may be time to replace the filter.

How do you know when it's time to replace your cartridge? We place your name in our records; this allows us to remember when you received your new cartridge. We will then remind you when it is time to replace it.

It is always a good idea to turn off the water to your purifier system when on holiday or away from home, by turning off it's saddle tapping valve, and turn your washing machine and dishwasher off from their own taps

For support please phone our technical support team on 0800 787 342

Diagram 1 gives you an overall set up plan to help find the best location to mount the faucet, cartridge and make the water pipe connection.

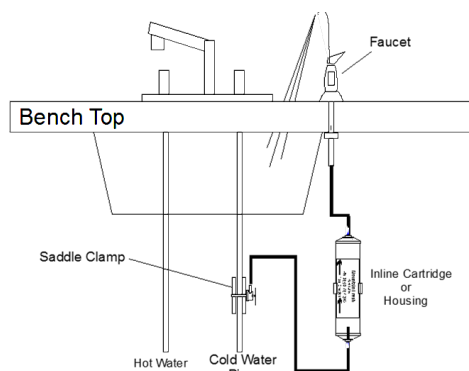


Diagram 1.

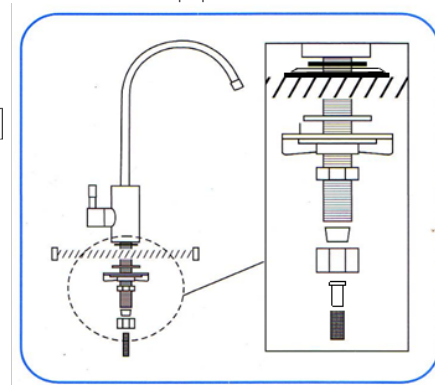


Diagram 2.

Step one

Connect the plastic tube to the saddle clamp; following the same sequence used to connect the tube to the base of the tap in **diagram 2**. Compression nut, nylon olive, tube insert. Tighten compression nut firmly.

Step two

Connect the saddle clamp (or appropriate clamp, see over page) to the cold water pipe and tighten firmly. There is no need to turn water supply off if fitting to copper or plastic pipe. Make sure piercing lance is flush with rubber seal on inside of saddle clamp before fitting to the water pipe.

Step three

Find a suitable location for the faucet. Check the mounting hole is unobstructed before drilling. Drill a 1/2" or 12.5 mm hole in bench top. Fit the tap kit as shown in **Diagram 2**. Cut the plastic tube to length and install into base of tap using the compression nut, nylon olive and tube insert. *When cutting plastic connecting tube make sure it is a clean, square cut.*

Note: Do not use Brass olives

Step four

Find a suitable place to mount the cartridge. Fix the mounting bracket to the wall using the screw provided, then clip cartridge into the bracket. The cartridge may be fitted on any angle as long as the flow direction arrow is followed.



Step five

The cartridge body has high-pressure Quick Connect fittings fitted into each end. Simply push the plastic tube from the saddle clamp into fitting "B" and the tube from the faucet into fitting "A". The tube should go approx. 20 mm into the fitting then stop.

To remove tube from the cartridge push in on small ring on the Quick Connect fitting and pull on tube at the same time.

Step six

Check all fittings are secure. Open faucet by lifting the handle up, wind the self-piercing saddle clamp tap clockwise until it penetrates the pipe fully. Wind back out and let water flow through cartridge for approx. 5 minutes, this is to activate the carbon. Set flow rate to approx 1 to 3 litres per minute. The first water to come out of the faucet will be black, this is carbon dust and will only last a few seconds then clear.

Trouble Shooting and Questions:

No cold water pipe visible

Normally the cold water pipe will be in a straight line down from the cold tap. Cut a small hole in the wall, then use a piece of wire to feel around for pipe. After locating pipe install as per instructions.

Pressure

The filter requires between 25-psi minimum to 125-psi maximum to perform correctly. If pressure exceeds this level, or you have water hammer, install a pressure-reducing valve, otherwise damage may occur to filter housing, and the warranty will be null and void.

To increase flow rate

- Keep connecting pipes as short as possible to reduce flow resistance.
- Increase hole size in water pipe to 3 mm. This can be done by removing piercing mechanism from saddle clamping valve, then enlarging the hole with a drill.
- Ensure piercing mechanism is facing forward if possible.

Flow is strong then decreases after a few seconds

This is normally due to the piercing lance not penetrating the water pipe fully. Try winding the tap fully in and out a number of times. If this is unsuccessful follow step b) above.

How to convert the Bench Top water filter to an Under Bench System

Use thread tape on the John Guest fittings supplied, then screw into the base of the housing. Follow instructions on page 1 for Under Bench Installation.

Installation Options:



ASV6



ASV3



APD T



ADD



JGTAP

Please note; Do not use the filter where the water is microbiologically unsafe or where water is of an unknown quality without adequate disinfection before or after the system.

Specifications: Maximum pressure of 125 psi, if pressure is likely to exceed this rating install a pressure reducing valve set at 75 psi.

Burst pressure 300psi

Warning: Water hammer due to modern lever style taps shutting abruptly and electrically operated solenoid valves in your dishwasher and washing machine can compromise pipes, fittings, seals and equipment such as water purifier housings. A water hammer arrester/pressure-reducing valve should be installed. As a safety measure, please contact us for the supply of these valves.

Diagram 3.

