

# Underbench Water Purifier

Model No. UBI251, UBM1 & DELUXE UNDERBENCH UNITS

**Congratulations** on purchasing one of the most High Tech Water Purifiers on the market. We pay particular attention to the design and quality of all components used in this product. This enables you quicker installation and trouble free operation.

**Please read instructions before installation:**

**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.

## Step 1

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 2

Connect the saddle clamp 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 3

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 4

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 5

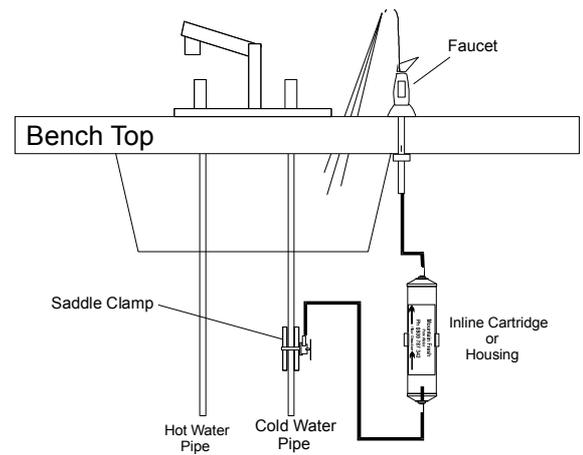
The cartridge body has high-pressure Quick Connect fittings fitted into each end. Simply push the plastic tube from the saddle clamp into fitting "B" and the tube from the faucet into fitting "A". The tube should go approx. 20 mm into the fitting then stop.

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

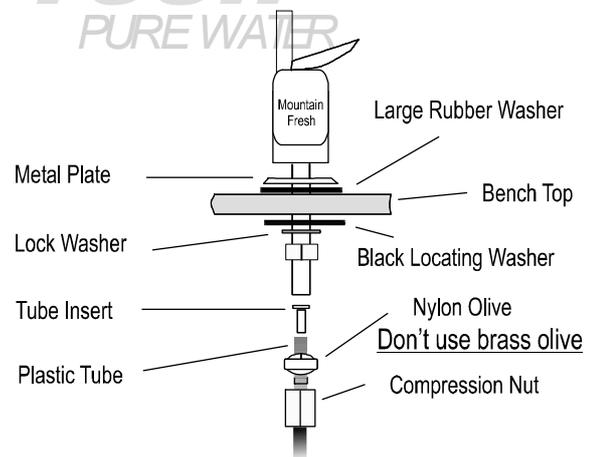
## Step 6

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.

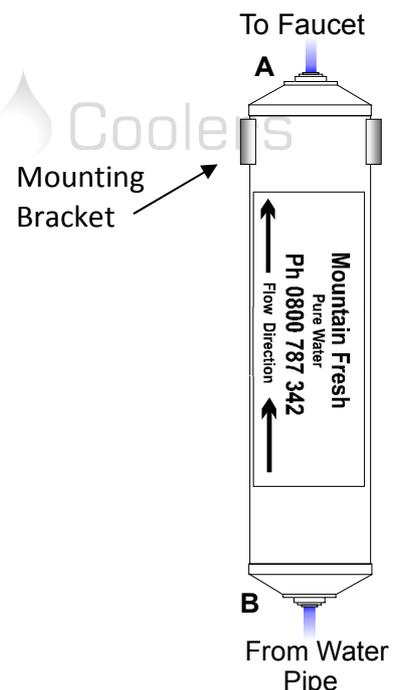
# User Guide



**Diagram 1**



**Diagram 2**



**Diagram 3**

# Helpful Hints When Installing

## 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 do I know when the cartridge requires changing?

Mountain Fresh keeps a record of the length of time you have had your filter and we will contact you, to remind you when it is due to be replaced. For example, a 2-year filter should last approximately 2 years, but this is only a guide, as water quality, the number of people using the filter and other variables may increase or decrease the cartridge life. In most cases people are happy to replace the filter at the recommended due date.

## 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



#### C Clamp

Easy fit self piercing valve  
For Copper or Butylene pipe  
Easy installation  
Will not crush pipe  
Fits pipes from 3/8" to 5/8"

### ASV3



#### Saddle Tapping Valve

Easy fit self piercing valve  
For large copper, galvanised or plastic pipes.

### APD



#### Plumbers Delight

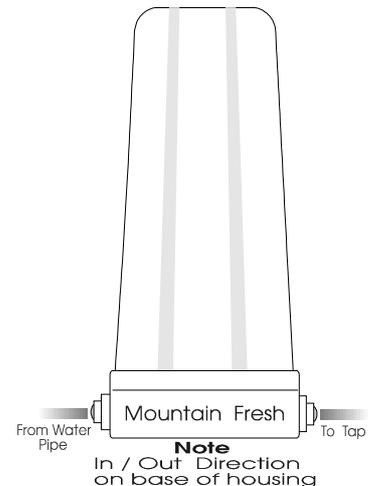
For new installations with 1/2" fitting simply install between cold water outlet and faucet inlet.  
For Flexi-pipe.

### ADD



#### Dishwasher Delight

For new installations with 3/4" fitting simply install between cold water outlet and faucet inlet to dishwasher



## 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.

When you go away on holiday, **REMEMBER...**

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

**Remember, if you need assistance, Mountain Fresh are always here to help.  
Call us on 0800 PURE H2O (0800 7873 420)**