

## INSTALLING YOUR MICROLENE UNDERBENCH PURIFIER

### 1. INSTALL THE TAP

- Drill a 13mm (7/16") hole for the tap in the benchtop – preferably near a back corner of the sink.
- Install the tap with its handle in the desired position, then under the bench the three washers on the stem (rubber at the top, plastic in the middle and metal at the bottom).
- With a spanner tighten the bottom nut so the tap is firmly fixed.

### 2. LOCATE THE COLD WATER PIPE UNDER THE SINK

- Identify the copper, plastic or flexi hose.
- *For a copper or plastic pipe:*  
Clamp the C-Clamp Saddle Valve to it  
Tighten the clamp screw with a spanner until the clamp is firmly attached to the pipe.
- *For Flexi hose:*  
Insert the ½" pipe tap into a break in the line.

### 3. PREPARE THE PURIFIER

- The module comes with the hose fittings permanently welded into either end.
- Fittings have white packing tube inserted for protection in transit.
- Do not damage these fittings or they may leak or blow out.
- Remove the white packing tube from fittings by holding down the round collet & pulling out tube.
- This must be done so the blue tubing may be installed later.
- The fittings **MUST NOT** be removed or the purifier will be **UNUSABLE**.
- Attach the module (vertically or horizontally) to the back wall of the cupboard under the bench using the bracket provide to grip the purifier at its centre.
- Ensure the inlet end of the purifier is positioned nearest to the C-Clamp/Pipe tap.

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#### 4. PREPARE THE TUBING

- Cut a length of tubing sufficient to reach from the C-Clamp/Pipe Tap to the inlet end of the purifier. It is important that the ends of the tubing are cut clean and square.

#### 5. ATTACH THE TUBING TO THE C-CLAMP/PIPE TAP

- First, remove the hexagonal brass nut from the C-Clamp.
- Pass the end of the tubing through both the brass nut and the small white "olive".
- Then whilst holding these securely, insert the brass "spigot" into this end of the tubing.
- Then Push this end of the tubing firmly into the hole in the C-Clamp/Pipe Tap and tighten the nut with a spanner so that the tubing is secure – pull it to check.

#### 6. FLUSH OUT ANY PIPE FRAGMENTS (C-CLAMP ONLY)

- Place the unattached end of the tubing into a bucket
- Screw down the valve tap on the C-clamp to pierce the pipe.
- Unscrew the valve tap thus allowing water to flow through the tubing into the bucket.
- The flow should continue for at least half a minute. This must be done before installing the Pressure Limiting Valve.

#### 7. ATTACH THE PRESSURE LIMITING VALVE (PLV)

- Push the end of the tubing firmly into the PLV after making sure that the water directional arrow on the PLV is pointing towards the purifier inlet.
- Cut an additional 90mm (3 1/2 ") of tubing and insert this between the PLV and the purifier by pushing the tubing into each.
- Pull on the tubing to check that all connections are secure.

#### 8. LINK THE PURIFIER TO THE TAP

- Push one end of the last length of tubing into the outlet end of the purifier and the other end into the base of the tap, using the method described in 5. above.
- Check the tubing is secure by pulling it.

#### 9. CHECK THE SYSTEM IS WORKING CORRECTLY

- Open the C-clamp/Pipe tap valve by turning anti-clockwise.
- Turn the bench tap on to run filtered water into the sink for 10 minutes to remove any loose carbon from the purifier.
- Turn the bench tap off and check the system for leaks

