



# Installation and Operating Instructions for Davey Microlene<sup>®</sup> Quick Connect Underbench System



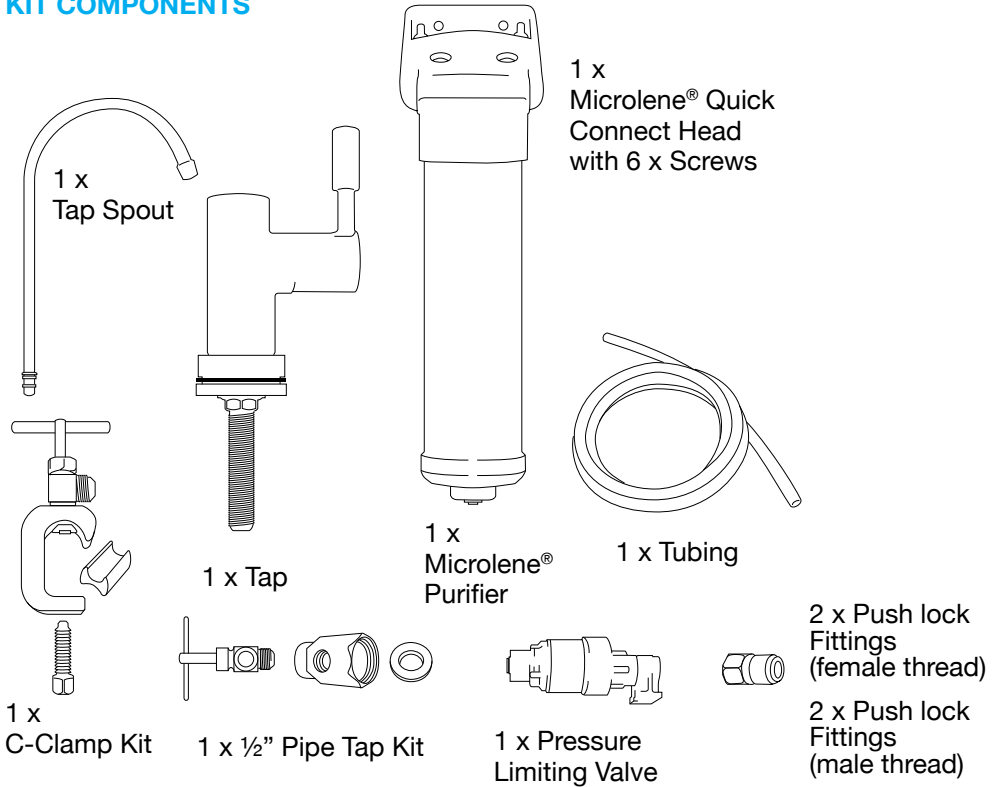
**WARNING :** Microlene<sup>®</sup> underbench system installation must be in compliance with all local legislative requirements. Please note that C-Clamp kit may not be accepted in certain markets.



**Please pass these instructions on to the operator of this equipment.**



## KIT COMPONENTS





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## **INSTALLING YOUR MICROLENE® QUICK CONNECT UNDERBENCH SYSTEM**

### **Step One: INSTALLING THE TAP**

- Determine the most suitable location on your bench top for mounting the tap. If your bench top is Marble, Granite or Concrete, do not attempt to drill these materials yourself as these surfaces are easily damaged. Instead contact your nearest Kitchen Supplier for advice on a trade professional to drill the hole for you.
- Drill a 13mm (1/2”) hole in your preferred location on the bench top (most people prefer a rear corner of the sink).
- Remove the locking nut and washers from the stem of the tap, place the tap at the desired angle on the top of the bench and then with a spanner firmly connect the locking nut and washers to the stem of tap under the bench. The tap should now be fixed to your bench top and held in position.
- Unscrew the top of the tap and push the spout into place using enough force to ensure the orings on the spout are in place. Place the locking nut over the spout and screw back into place.
- Screw a push lock fitting (female thread) on the threaded end of the tap under the bench

### **Step Two: CONNECTING TO YOUR COLD WATER LINE**

- Turn off the water supply to the house
- Locate the cold water line under the sink. If your cold water line is either copper or plastic pipe; use only the C-Clamp Kit. Tighten the clamp screw with a spanner to the pipe until the clamp is firmly attached. Screw a push lock fitting (female thread) onto the threaded port of the C-Clamp.
- If your cold water line is a flexi hose only use the Pipe Tap Kit. Unscrew the flexi hose at the house tap end, screw the main body of the pipe tap adaptor into the house tap, and then screw the flexi hose onto the threaded end of the pipe tap adaptor.
- Screw the smaller outlet tap from the Pipe Tap kit into the female threaded port on the main body of pipe tap adaptor. Finally screw a push lock fitting (female thread) onto the male threaded out port of the smaller outlet tap.

### Step Three: CONNECTING THE QUICK CONNECT SYSTEM

- Screw a push lock fitting (male thread) into the inlet and the outlet of the quick connect head (make a note as to which is the outlet port as the embossed label will not be visible once the head is attached to the mounting bracket). Screw the mounting bracket to the Quick Connect Head using four of the screws provided.
- The Quick Connect Purifier has a yellow packing tube inserted to protect it, remove the packing tube by unscrewing it.
- Attach the Quick Connect Head (attached to the mounting bracket assembly) either vertically or horizontally to the back wall of the cupboard using the remaining two screws. Make sure the inlet is positioned nearest to the C-Clamp or Pipe tap you have just fitted. Screw the purifier into the Quick Connect head.
- Attach the Pressure Limiting Valve to the back wall of the cupboard (either vertically or horizontally) in between the C-Clamp or Pipe tap and the Quick Connect Head, use the mounting bracket supplied with the pressure limiting valve. Make sure the inlet of the Pressure Limiting Valve is aligned to the C-Clamp/Pipe tap, refer to the flow arrow embossed on the pressure limiting valve to determine inlet.
- The Pressure Limiting Valve must be installed in the system before the Quick Connect Head, this is to protect against water hammer or pressure surges from the water supply (which could crack the purifier if left unprotected). Failure to install the Pressure Limiting Valve will void your warranty.
- Cut lengths of tubing to connect the C-Clamp/Pipe tap to the Pressure Limiting Valve and the Pressure Limiting Valve to the inlet port of the Quick Connect Head. Cut a further length of tubing to connect from the Outlet port to the tap. It is important to ensure that when you cut the tubing the cuts are clean and square to avoid leaks. When connecting push the end of the tubing firmly into the end of each component, if you can remove the tubing without any force then the tubing is not connected.
- If you have used the C-Clamp as part of the installation, connect the tubing to the outlet of the C-Clamp, turn on the household water then slowly turn the valve tap on the C-Clamp anti-clock wise allowing water to flow through the tubing into a bucket or container. This will ensure any copper/plastic pieces that have entered the pipework during the attaching of the C-Clamp are flushed away. Turn off the household water and complete the connection of the tubing following the instructions above.

#### **Step Four: SETTING THE CORRECT FLOW RATE & SYSTEM CHECK**

- Your Microlene® Quick Connect Underbench System is rated to a maximum of 4 litres per minute. Turn on the household water. Open the C-Clamp/Pipe tap by turning the outlet taps anti-clockwise. To ensure the correct flow rate, place a bucket/container (one which you know what its capacity is) under the Microlene® bench tap and turn the tap on. Time how long it takes to fill the bucket/container - adjust the outlet taps on the C-Clamp/Pipe Tap until a flow rate of no more than 4 litres per minute is achieved. Using this flow rate it will take 2 minutes and 30 seconds to fill a 10 litre bucket/container, 1 minute and 15 seconds to fill a 5 litre bucket/container or 15 seconds to fill a 1 litre bucket/container.
- Check all connections for leaks and tighten connections where required.
- It is recommended that water is run through the Underbench system for 10 minutes (at a maximum of 4 litres per minute) into the sink to remove any loose carbon fibres from the purifier.
- Your Microlene® Quick Connect Underbench System is now ready for use.

# Notes

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## **DAVEY® Repair or Replacement Guarantee**

In the unlikely event in Australia or New Zealand that this Davey product develops any malfunction within one year of the date of original purchase due to faulty materials or manufacture, Davey will at our option repair or replace it for you free of charge, subject to the conditions below.

Should you experience any difficulties with your Davey product, we suggest in the first instance that you contact the Davey Dealer from which you purchased the Davey product. Alternatively you can phone our Customer Service line on 1300 232 839 in Australia, or 0800 654 333 in New Zealand, or send a written letter to Davey at the address listed below. On receipt of your claim, Davey will seek to resolve your difficulties or, if the product is faulty or defective, advise you on how to have your Davey product repaired, obtain a replacement or a refund.

Your Davey One Year Guarantee naturally does not cover normal wear or tear, replacement of product consumables (i.e. mechanical seals, bearings or capacitors), loss or damage resulting from misuse or negligent handling, improper use for which the product was not designed or advertised, failure to properly follow the provided installation and operating instructions, failure to carry out maintenance, corrosive or abrasive water or other liquid, lightning or high voltage spikes, or unauthorized persons attempting repairs. Where applicable, your Davey product must only be connected to the voltage shown on the nameplate.

Your Davey One Year Guarantee does not cover freight or any other costs incurred in making a claim. Please retain your receipt as proof of purchase; you **MUST** provide evidence of the date of original purchase when claiming under the Davey One Year Guarantee.

Davey shall not be liable for any loss of profits or any consequential, indirect or special loss, damage or injury of any kind whatsoever arising directly or indirectly from Davey products. This limitation does not apply to any liability of Davey for failure to comply with a consumer guarantee applicable to your Davey product under the Australian or New Zealand legislation and does not affect any rights or remedies that may be available to you under the Australian or New Zealand Consumer Legislation.

In Australia, you are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Should your Davey product require repair or service after the guarantee period; contact your nearest Davey Dealer or phone the Davey Customer Service Centre on the number listed below.

For a complete list of Davey Dealers visit our website ([davey.com.au](http://davey.com.au)) or call:

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