

# microlene<sup>®</sup>

## Installation and Operating Instructions for Microlene Quick Connect Underbench System



**WARNING :** Microlene underbench system installation must be in compliance with all local legislative requirements, and installed by a licensed plumber.

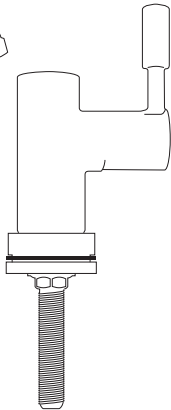
**Please pass these instructions on to the operator of this equipment.**



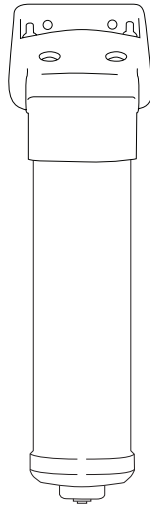
## KIT COMPONENTS



1 x Tap Spout

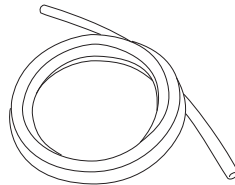


1 x Tap

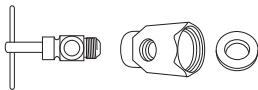


1 x Microlene® Purifier

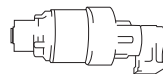
1 x Microlene® Quick Connect Head with 6 x Screws



1 x Tubing



1 x 1/2" Pipe Tap Kit



1 x Pressure Limiting Valve



2 x Push lock Fittings (female thread)

2 x Push lock Fittings (male thread)



**WARNING : Microlene® 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.**

## **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 2: 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**; you will need to purchase a C-Clamp Kit.

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 onto the male threaded out port of the smaller outlet tap.

### Step 3: CONNECTING THE PURIFIER

- The Purifier has white packing tube inserted to protect it, remove the packing tube by holding down the round collet at each end of the purifier and pull out the tubing. Do not damage the collet or the internal fittings of the purifier as any damage may make them leak or blow out once water pressure enters the purifier.
- Attach the purifier either vertically or horizontally to the back wall of the cupboard using the brackets and screws supplied. Make sure the inlet end of the purifier (refer to the label of the purifier bar code end) is positioned nearest to the Pipe tap (or C-Clamp) you have just fitted.
- Attach the Pressure Limiting Valve to the back wall of the cupboard (either vertically or horizontally) in between the Pipe tap (or C-Clamp) and the purifier, use the mounting bracket supplied with the pressure limiting valve. Make sure the inlet of the Pressure Limiting Valve is aligned to the Pipe tap (or C-Clamp), 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 purifier, this is to protect against water hammer or pressure surges from the water supply (which could crack the purifier if left unprotected).  
Note: Failure to install the Pressure Limiting Valve will void your warranty.
- Cut lengths of tubing to connect the Pipe tap (or C-Clamp) to the Pressure Limiting Valve and the Pressure Limiting Valve to the Purifier. Cut a further length of tubing to connect the Purifier 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 a 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 Underbench System is rated to a maximum of 4 litres per minute. Turn on the household water. Open the Pipe (or C-Clamp) 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 Pipe Tap (or C-Clamp) 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

A series of horizontal dotted lines for writing notes.



## 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:



Davey Water Products Pty Ltd  
Member of the GUD Group  
ABN 18 066 327 517

### AUSTRALIA

#### Customer Service Centre

6 Lakeview Drive,  
Scoresby, Australia 3179  
Ph: 1300 232 839  
Fax: 1300 369 119  
Email: [sales@davey.com.au](mailto:sales@davey.com.au)  
Website: [davey.com.au](http://davey.com.au)

### NEW ZEALAND

#### Customer Service Centre

7 Rockridge Avenue,  
Penrose, Auckland 1061  
Ph: 0800 654 333  
Fax: 0800 654 334  
Email: [sales@dwp.co.nz](mailto:sales@dwp.co.nz)  
Website: [daveynz.co.nz](http://daveynz.co.nz)