

## Under Bench 3 Way Mixer and High Flow Filtration Systems

Model Numbers:

MTC-HF1M (Chrome Finish Mixer)

MTCM-HF1M (Chrome Matte/Brushed Finish Mixer)



### Applications

Ideal for reducing unwanted contaminants affecting taste and odour of your drinking water in the home or workplace. Typically installed in new builds or where an existing tap is being replaced along with filtration, providing hot, cold and filtered water.

### Benefits of Microlene's Under Bench Filtration Systems

#### What's in your water supply?

Most water supplies contain dissolved minerals such as chlorine and aluminum, as well as sediment that can leave a residual smell and taste in the water. In municipal water supply, there can also be Trihalomethane (THM's) present, THM's form as a result of water having been treated with chlorine where levels of organic matter were present. THM's will be harmful if consumed. If you get your water from other than municipal supply, your water may also contain parasitic cysts such as Giardia and Cryptosporidium.

#### Microlene System

These Microlene 3 Way Mixer and High Flow Filtration Systems provide an attractive WaterMarked 3 Way Mixer along with a 1 micron filtration system. All the plumbing connections required are included for a standard installation.

The 3 in 1 Mixer provides hot, cold and filtered water all from the one tap. There is absolutely no mixing of filtered and unfiltered water. The Mixer comes with either option of Chrome finish (MTC-HF1M) or Chrome Matte/brushed finish (MTCM-HF1M).

The system incorporates a 1 Micron fine filtration Cartridge providing clean tasting drinking water.

#### Microlene Cartridge Design

The 5 Stage, 1 micron water filtration process reduces bad taste and odour, chemicals (such as chlorine), sediment and Trihalomethane (THM's) whilst leaving all vital minerals in the water supply. Cartridge design incorporates water softening beads for treating scaling and hard water. The cartridge protects and removes up to 99.9% of harmful cysts like Giardia and Cryptosporidium.

The cartridge design provides toolless installation and replacement. Simply turn off the cold water supply, drain the water from the line (by turning on the filter tap), then twist and remove, or insert and twist to install.

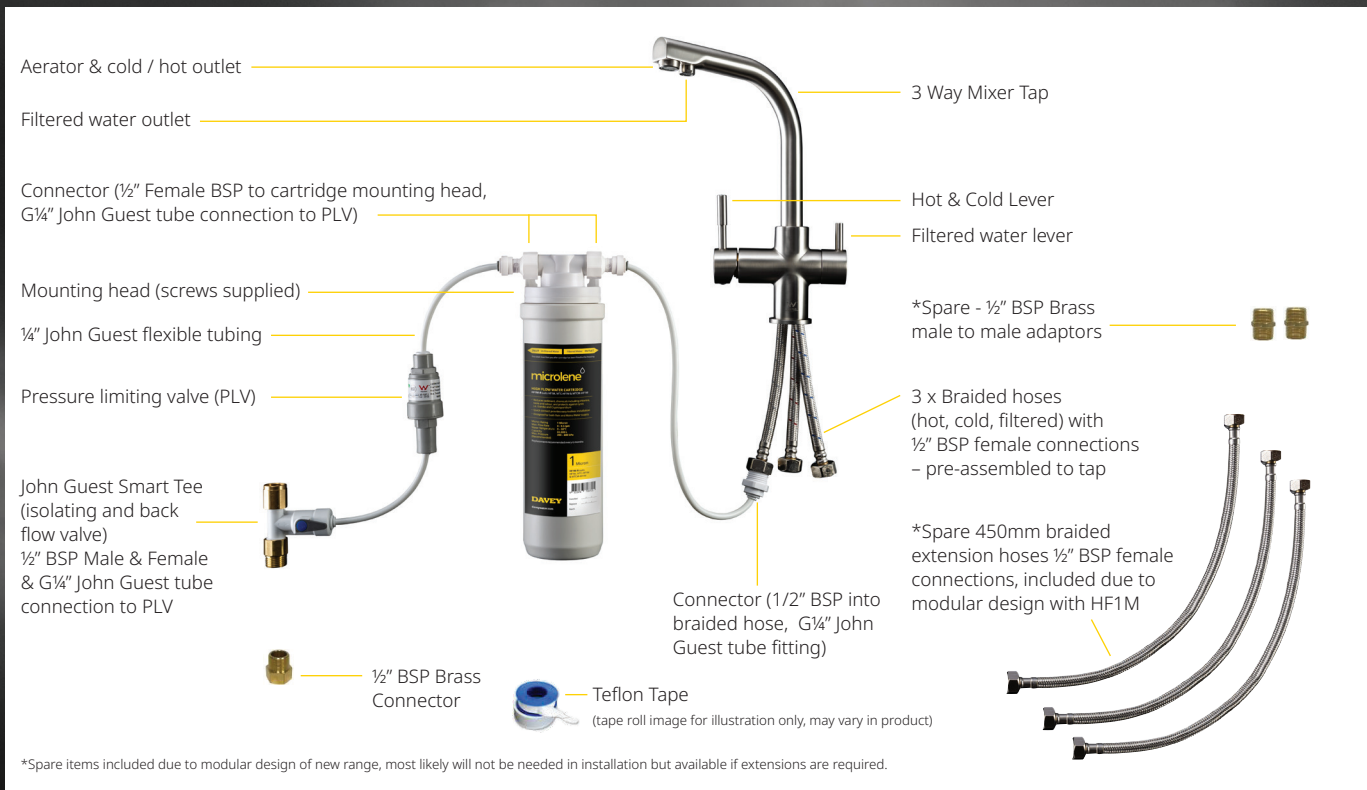
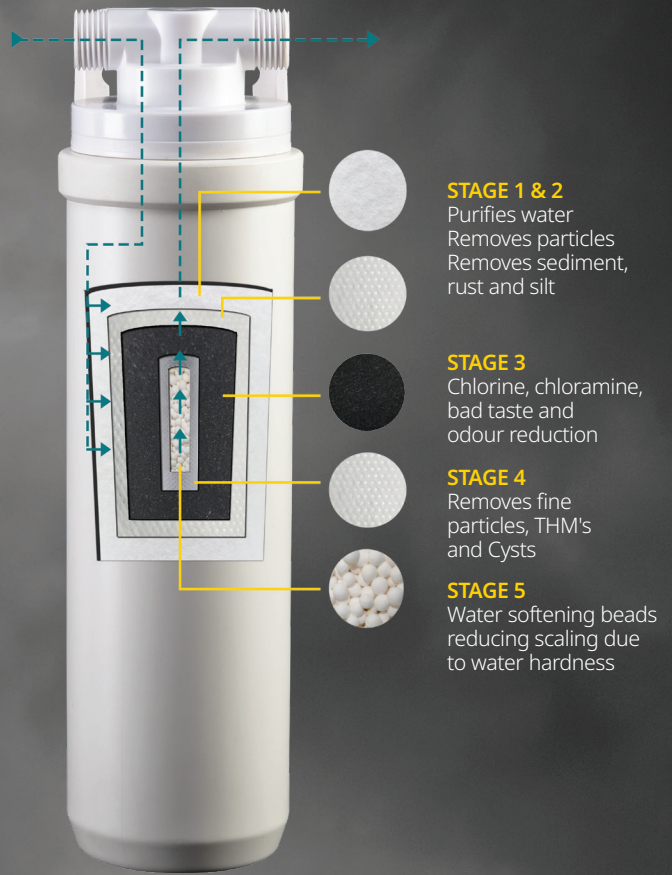
Designed for both rain water supply and mains water supply. If using for rain water / harvested water applications, pre treatment may be required such as sediment reduction and UV to remove bacteria and harmful viruses.

The Cartridge is designed to purify up to 65,000 litres of water. Recommended replacement every 6 months or if flow is significantly reduced or, taste and odour is detected when drinking the water.

The filtration system is easy to install, the cartridge and mounting head can be mounted vertically or horizontally allowing versatility for install spaces.

# Microlene 3 Way Mixer and High Flow Under Bench Filtration System


Specifications	
<b>Mixer Tap</b>	
Model with Chrome Finish	MTC-HF1M
Model with Chrome Matte/Brushed Finish	MTCH-HF1M
Pressure	200 - 680kPa
Temperature Cold	4 - 90°C
Tap hole for bench	33 - 35mm
Braided hose connections	½" FBSP
<b>Cartridge</b>	
Maximum Flow	9.5 lpm
Maximum Temperature	0 - 38°C
Pressure	200 - 680kPa
Micron	1
Connection	Twist
Cartridge Capacity	65,000 litres
Cartridge Replacement	6 monthly
Cartridge head connections	½" MBSP
Other connections	Connectors ¼" female Tube and ½" BSP
<b>Certification</b>	
3 Way Mixer	WELS and WaterMark
Smart T, ¼" tube, Cartridge and Mounting Head, ¼" to ½" Connectors	AS/NZS 4020:2018
All other components and fittings that touch water	WaterMark
Replacement Cartridge	HF1M-R
<b>Mounting</b>	
Vertical	500mm H x 215mm W
Horizontal	215mm W x 500mm H



\*Spare items included due to modular design of new range, most likely will not be needed in installation but available if extensions are required.

**Please note:** Microlene under bench systems and purifiers can only be used on biologically safe water sources. If your water contains bacteria or viruses, additional treatment is required prior to the Microlene purifier in order to make the water safe to drink.

This product holds a 5 Year warranty on Taps and Fittings. The cartridge is a consumable item, warranty for cartridge limited to 6 months for manufacturing defect only. The warranty does not cover in-field service nor cover leaking or leaking damage caused by incorrect installation by plumber. This product should only be installed by a licensed plumber.

 [daveywater.com](http://daveywater.com)

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