



Under Bench High Flow Filtration System

Model Number: HF1M

Applications

Ideal for reducing unwanted contaminants affecting taste and odour of your drinking water in the home or workplace. Typically installed where there is an existing tap. System filters all cold water supplied through the tap.

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

The HF1M high flow 1 micron under bench filtration system is designed for installation where there is a pre-existing tap.

This allows the filtration system to be installed with no requirements of drilling holes in benches, or no need for a separate filter tap to be purchased and installed. It's only the connections (provided), that need to be fitted and the cartridge mounting head secured under the bench into the cabinetry wall.

As the cold tap is turned on, the water will be drawn from the under bench cold water outlet through the cartridge through to the tap. All cold water supplied through the faucet will be purified, providing clean tasting water. All the plumbing connections required are included for a standard installation.

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.

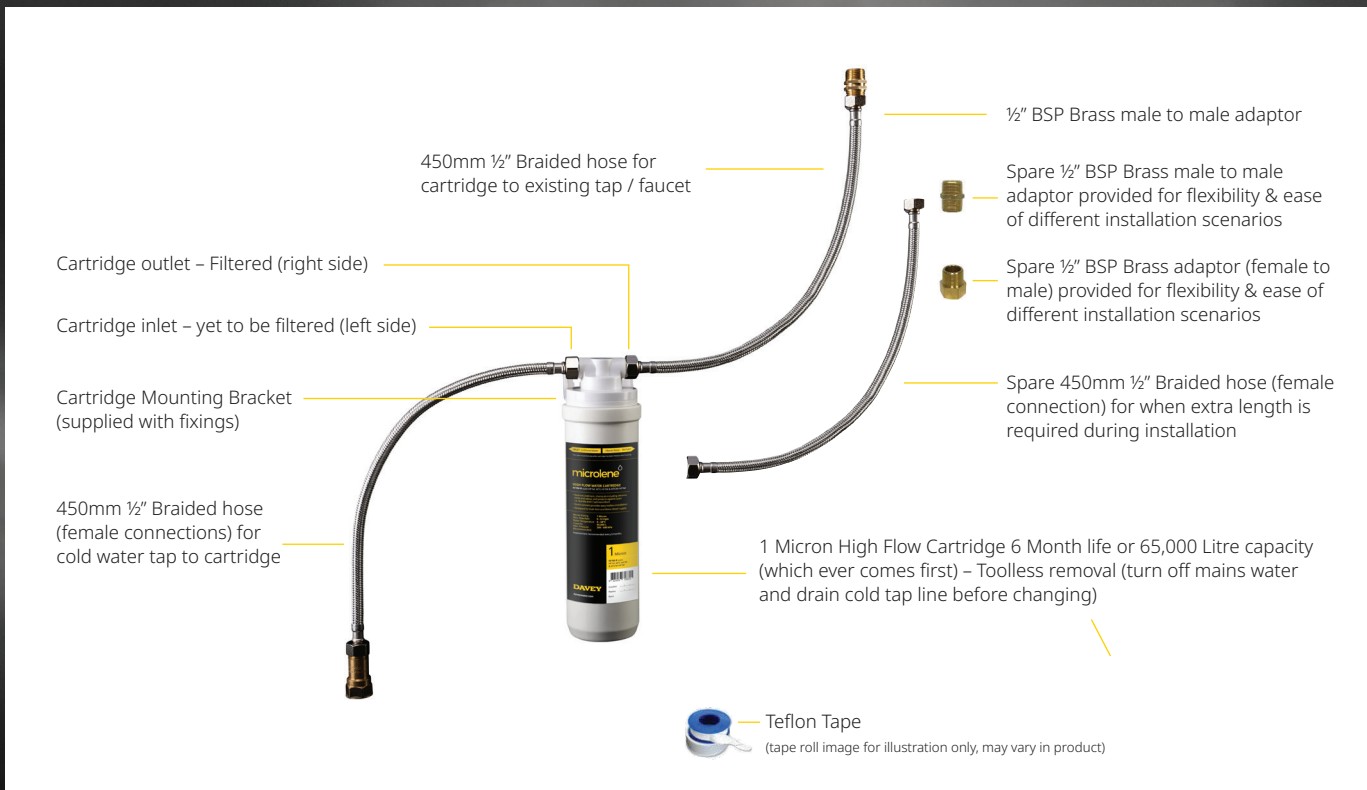
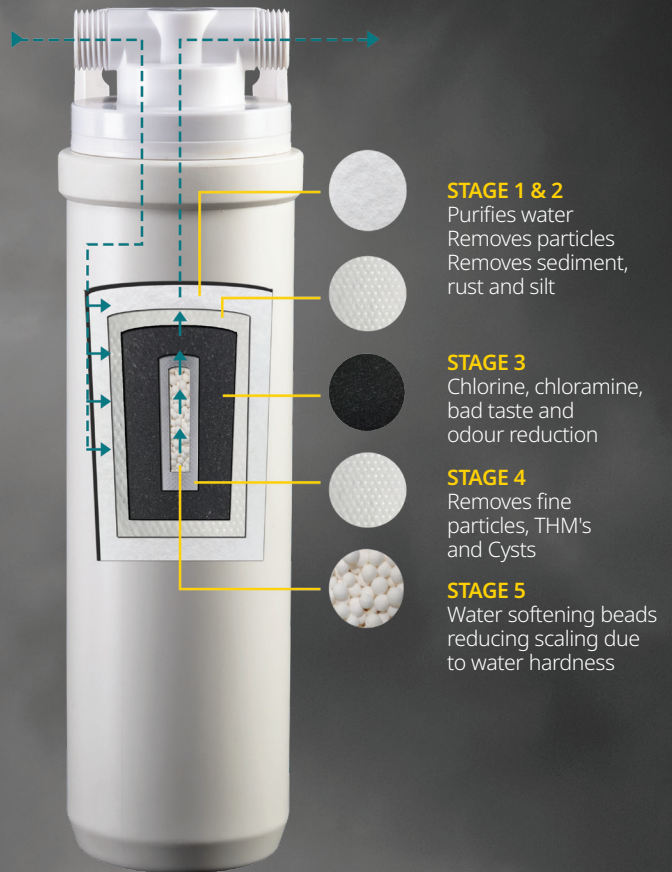
Designed for both rain water supply and mains water supply. If using for rain water / harvested water applications, pre treatment may be required such as sediment reduction and UV to remove bacteria and harmful viruses.

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 High Flow Under Bench Filtration System

Specifications	
High Flow System	
Model Number	HF1M
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
All Connections	½" BSP
Certification	
Cartridge and Mounting Head	AS/NZS 4020:2018
All other components and fittings that touch water	WaterMark
Replacement Cartridge	HF1M-R
Mounting	
Vertical	500mm H x 215mm W
Horizontal	215mm W x 500mm H



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

This literature is not a complete guide to product usage. All images provided in this document are for illustration purposes only. Further information is available from your Davey Dealer, Davey Support Centre and from the relevant product Installation and Operating Instructions. Must be read in conjunction with the relevant product Installation and Operating Instructions and all applicable statutory requirements. Product specifications may change without notice. © Davey and Microlene are registered trademarks of Davey Water Products Pty Ltd. © Davey Water Products Pty Ltd 2021.