



FSA

FILTER SYSTEMS AUSTRALIA

GT1-102 Undersink Multi-Media Water Filter

10" x 4.5" – For Acidic Water pH Balancing

WARNING:

For correct operation of this system, it is essential to observe the manufacturer's instructions.

This System must be installed in a vertical position on a solid base or mounted vertically on a solid surface.

WaterMark:

The Water Filtration Housing used in this system is compliant to WaterMark Standards AS/NZS 3497 under certificate number 23247. WaterMark is the standard that is required by law for a qualified plumber in Australia to install any item on municipal town water.

Installation:

This system is designed for Undersink Installation as a 'Point of Use' filter. Installation must be completed by a qualified Plumber. Failure to follow the manufacturer's instructions and guidelines may void warranty and insurance.

Carbon/Alkaline Multi-Media Filter:

This system is compatible with standard size cartridges referred to as 10" x 4.5"

Before use, the filter will require flushing to clear any carbon dust that may be in the cartridge. To do this, it is recommended that before connecting the filter to the kitchen tap, run the tubing into a bucket or drain and turn on the water to flush the filter. Run the water until the water comes out clear, then connect to tap.

Working Specifications:

Max Pressure	125 psi
Working Pressure	70psi (500 kPa)
Max Flow	20L/Min
Recommended Flow	8L/Min
Temperature	1°C – 50°C

Inlet Water Quality Recommendations:

Coliform	<1
E-Coli	<1
pH	<7
Hardness	<120
TDS	<300

Installation / Set Up

Undersink Connection

The filter system has a 1" BSP inlet size however, we supply this kit with reducers to bring it back to 1/2" BSP. Your plumber may wish to connect the system using flex lines or other types of fittings which is to the plumber's digression.

NOTE: Any additional fittings used with this system must be compliant to either WaterMark or NSF/ANSI 61 for lead free material and carry the appropriate pressure ratings.

The kit also has male and female 1/2" fittings to adapt the inlet and outlet to the supplied 3/8" tubing

NOTE: Do NOT use thread sealant on any components. Use thread tape only. Sealants can cause the housing ports to crack when they harden.

Installing Filter Cartridges

Filter housings should always be installed in an upright position to ensure that the filter cartridge remains centred in the housing during tightening.

Paying attention to the 'This Way Up' Markings on the housing. The O-Ring Seal is the 'Top' of the filter cartridge.

Housings should be tightened by hand to ensure that the cartridges are centre. Use the supplied opening wrench to tighten the housings firmly. Do not over tighten housings.

Ongoing Maintenance

The Multi-Media Cartridge (GT4-14ALK) should be replaced every 6-12 months depending on water quality and usage.

While alkaline media can have a longer lifespan, the coconut carbon should only be in contact with water for a maximum on 12 months. As this filter is designed for usage on rain water, it is recommended to change filters within 12 months to avoid any bacterial contamination