

FC000/1M

Undersink Water Filter for Kitchen Faucet

For Rural Homes or Cottages



Rainfresh FC000/1M undersink filtration system reduces harmful bacteria, microplastics, and other microorganisms from water and improves water taste and odour. FC000/1M is designed for installation under the sink attached to the cold water line going to the kitchen faucet. It can be used on both treated and untreated waters (such as from lakes, rivers etc).

It incorporates a 2-stage filtration design featuring Rainfresh's unique ceramic filtration technology with an activated carbon core. FC000/1M

- Traps & kills > 99.99999 bacteria (e.g. E. coli) & > 99.95% cyst (Cryptosporidium & Giardia) & other parasites
- Reduces microplastics
- Reduces chlorine, taste and odour
- Reduces >99.99% of sediment and particulate matter of 0.3 micron size (1 micron = 1/1000 mm).

TESTING AND CERTIFICATION

FC000/1M has been tested and certified by CSA Group to CSA B483.1, to NSF/ANSI 53 for reduction of cysts, to NSF/ANSI 401 for reduction of microplastics, to NSF/ANSI 42 for reduction of chlorine, taste and odour, and to NSF/ANSI 42 Class 1 for particulate reduction.

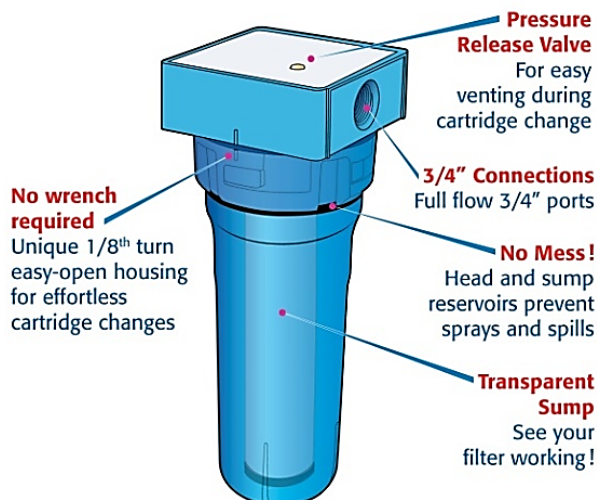
It is also independently tested for reduction of coliform, E. coli & other bacteria (see below)



BACTERIA	Reduction Efficiency	Log Reduction
E. coli (Faecal Coliform)	> 99.9999%	> 6 log
Serratia marcescens	> 99.9999%	> 6 log
Salmonella typhimurium (Typhoid)	> 99.9999%	> 6 log
Vibrio Cholera (Cholera)	> 99.9999%	> 6 log
Shigella dysenteriae (Dysentery)	> 99.9999%	> 6 log
Klebsiella terrigena	> 99.9999%	> 6 log

FEATURES

Manufactured in Canada using high quality BPA-free materials, Rainfresh FC000/1M has the following features:





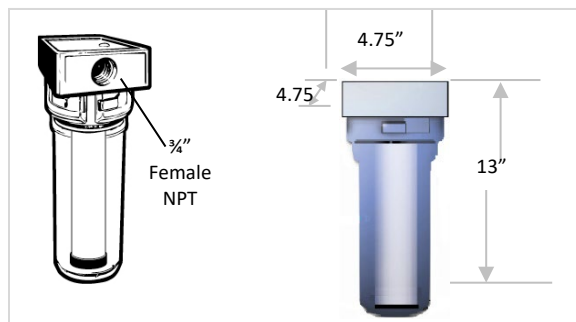
Cleanable and Reusable Ceramic Cartridge

The ceramic filter cartridge is cleanable & reusable. When fine dirt and particulates plug up the ceramic filter and reduce the water flow, the cartridge can be easily cleaned under tap water using a scrubber (included). A cartridge gauge is also included to verify when the cartridge eventually needs to be replaced.



INSTALLATION

Unit Width (Inch)	Unit Height (Inch)	Unit Depth (Inch)
4.75"	13"	4.75"
Connector kits for undersink installation (CK3) sold separately		

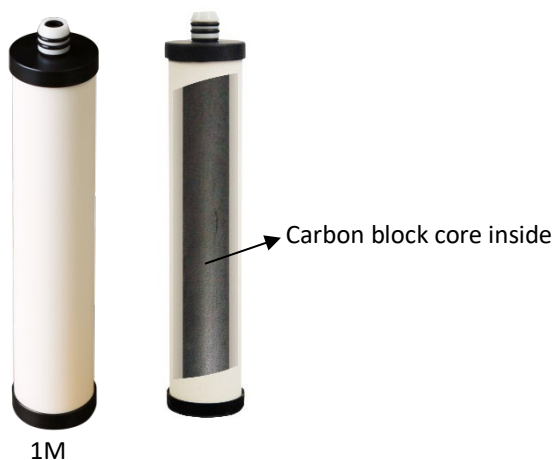


TECHNICAL SPECIFICATIONS:

- Model - FC000/1M
- Rated service flow - 1.0 GPM
- Inlet/Outlet - 3/4" FNPT
- Feed Water Temp. - 4°C (39°F) min. to 38°C (100°F) max.
- Working Pressure* - 25 psi (min) to 100 psi (689 kPa) max.
- Filter Cartridge Model - 1M
- Filtration Media- Ceramic with carbon block core
- Filter Cartridge Life** - 1,000 US Gal (3,785 L) or 1 year (cleanable up to 100 times)
- BPA-free materials

* -If water pressure exceeds the rated pressure, a pressure regulator & water hammer arrestor must be installed before the filter housing. It is recommended that the pressure regulator be set at 75 psi or less.

** - Cartridge life is directly dependent on water conditions. High sediment levels or water use may cause more frequent replacement



5-year limited warranty



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