

FC000/1M

Undersink Drinking Water System



Rainfresh FC000/1M undersink filtration system reduces harmful bacteria and other microorganisms from water and also 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 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 International to CSA B483.1, to NSF/ANSI 53 for reduction of cysts, and to NSF/ANSI 42 for reduction of chlorine, taste and odour.



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

Contaminant	Reduction Efficiency	Log Reduction
BACTERIA		
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 dysenterie (Dysentery)	> 99.9999%	> 6 log
Klebsiella terrigena	> 99.9999%	> 6 log



E. coli

FEATURES

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



Easy Open Housings - Just grab by hand, turn and remove. *No tools required!*



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.

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Installation Notes:

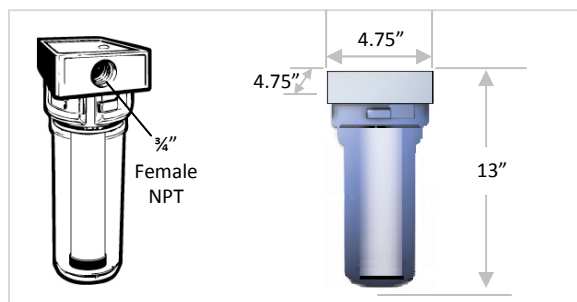
Unit Width (Inch)	Unit Height (Inch)	Unit Depth (Inch)	Connections
4.75"	13"	4.75"	3/4" Female NPT

- Connector kits for undersink installation (CK3) sold separately

Specifications:

- Water Temperature Range : 4°C to 37°C (39 to 100°F)
- Feed Water Pressure : 25 to 100 psi* (173 to 689 KPa)
- Flow Rate – 0.75 US GPM (2.8 LPM)
- 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.



REPLACEMENT CARTRIDGE

Cartridge Model	Cartridge Type	Reduces	Rated Life**
1M	Ceramic filter	Bacteria, Coliform, Cyst, chlorine, taste and odour	12 months or 1,000 US gal (3,785 L)

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



1M



Tested & certified by CSA International to NSF/ANSI 53, 42 and to CSA B483.1

5 year limited warranty



Sep 2011



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