

Drinking Water System 2

Model UCS2



Rainfresh UCS2 system is a premium undersink drinking water system that reduces harmful suspended and dissolved contaminants from water. It can be used on both treated and untreated waters (such as from lakes, rivers etc).

It incorporates a triple-stage filtration design that includes a high grade activated carbon filter followed by a ceramic filter with an activated carbon core. UCS2 system:

- Traps & kills > 99.99999 bacteria (e.g. E. coli) and > 99.95% cyst (Cryptosporidium & Giardia) & other parasites
- Reduces common pesticides such as lindane
- Reduces chlorine, taste and odour
- Reduces >99.99% of sediment and particulate matter of 0.3 micron

TESTING AND CERTIFICATION

UCS2 has been tested and certified by CSA International to CSA B483.1, to NSF/ANSI 53 for reduction of lindane and cysts, to NSF/ANSI 42 for reduction of chlorine, taste and odour and to NSF/ANSI 372



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



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Ceramic disc chrome faucet

UCS2 includes an all-chrome ceramic disc faucet and all fittings and tubing necessary to install the unit.



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.

SYSTEM DIMENSIONS

MODEL	Unit Width (Inch)	Unit Height (Inch)	Unit Depth (Inch)
UCS2	11.2	13	5

TECHNICAL SPECIFICATIONS

Rated service flow - 0.75 US GPM (2.83 LPM)
 Inlet/Outlet - 3/8" Tube
 Operating Temp - 4°C (39°F) min. to 38°C (100°F) max.
 Working Pressure - 40 psi (min) to 100 psi (689 kPa) max.



* A pressure regulator and/or water hammer arrestor must be installed before the unit to protect the unit from damage caused due to high pressure. Not for use in multi-storeyed buildings over 4 storeys high. For residential use only.

INSTALLATION

The UCS2 system is designed for undersink or any other wall mounted remote location from where tubing can be run to the faucet. The unit should not be installed more than fifteen feet away from the faucet. The unit includes all fittings and parts required to make connection to a copper pipe.

REPLACEMENT CARTRIDGES

Filter Cartridge Model	Cartridge Type	Rated Cartridge Life ^
CF2	PRE-FILTER : Activated carbon block	6 months or 600 US gal (2,271 Litres)
1M	BACTERIA & CYST FILTER : Ceramic filter	12 months or 1,000 US gal (3,785 Litres)

^ Cartridge life may vary with water quality and usage.



CF2

Optional Pre-Filter for chloramine reduction (For use if supply water has been treated by chloramines)

CA1	High grade activated carbon block specifically formulated for chloramine and chlorine reduction	6 months or 1,000 US gal (3,785 Litres)
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CA1

5 year limited warranty



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