

UCS3

UNDERSINK DRINKING WATER SYSTEM

Rainfresh®

Rainfresh UCS3 is a premium undersink drinking water system designed for use for homes or cottages on well, lake, river or municipally treated water.

It incorporates a 4-stage filtration design that includes two stages of high grade activated carbon filtration followed by a ceramic filter with an activated carbon core. UCS3 system:

- Traps & kills > 99.99999 bacteria (e.g. E. coli) and > 99.95% cyst (Cryptosporidium & Giardia) & other parasites
- Reduces Lead, Volatile Organic Compounds (VOC), Trihalomethanes (THM), pesticides, herbicides, insecticides etc.
- Reduces microplastics
- Reduces chlorine, taste and odour
- Reduces >99.99% of sediment and particulate matter of 0.3 micron



PROTECTS AGAINST

- Coliform Bacteria (e.g. E. coli)
- Cryptosporidium & Giardia Cysts
- Lead
- Microplastics
- VOC
- Pesticides & Herbicides
- Chlorine, taste, odour
- Sediment (0.3 micron)

UCS3 is independently lab tested for reduction of coliform, E. coli & other bacteria (see below)

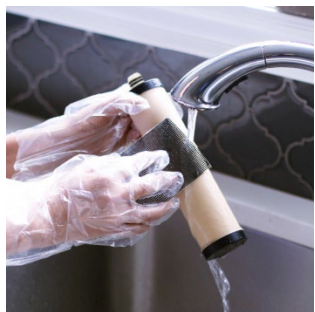
Contaminant	Reduction Efficiency	Log Reduction
E. coli (Faecal Coliform)	> 99.9999%	> 6 log
Serratia marcescens	> 99.9999%	> 6 log
Salmonella typhimurium (Typhoid)	> 99.9999%	> 6 log
Vibrio Cholera (Cholera)	> 99.9999%	> 6 log
Shigella dysenteriae (Dysentery)	> 99.9999%	> 6 log
Klebsiella terrigena	>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

Unique Features

Easy Open Housings

Rainfresh UCS3 features an easy-open housing that does not require a wrench. Simply hold the sump by hand, rotate 1/8 turn and the sump detaches. This makes cartridge changes easy with no need for a wrench or tools. It also features a manual pressure relief valve to vent pressure before cartridge replacement or cleaning.





Cleanable Ceramic Cartridge

Rainfresh's proprietary ceramic filter cartridge (model 1M) can be cleaned and reused up to a 100 times



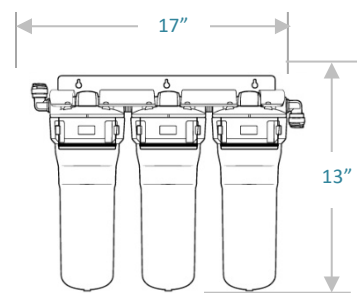
Modern Chrome Faucet

Includes ceramic-disc modern style chrome faucet for dispensing safe, clean water at the turn of a handle!

System Dimensions

Model	Unit Width	Unit Height	Unit Depth
UCS3*	17" (431 mm)	13" (330 mm)	5" (127 mm)

* - a) For cold water use only. This product is for residential use only. Not for use in buildings over 4 storeys
b) Includes supply valve, tubing and ceramic disc chrome faucet.



Operating Specifications

Inlet/Outlet Connections : 3/8"
Max. Service Flow Rate : 0.75 US GPM (2.8 LPM)
Max. Temperature : 100 F (38°C)
Max. Pressure : 100 psi (689 kPa)**

** If pressure surges or water hammer conditions exist, a pressure regulator and/or water hammer arrestor should be installed.



Cartridge Specifications

Filter Cartridge Model	Cartridge Type	Rated Cartridge Life ^
CF2	Activated carbon block PRE-FILTER	6 months or 600 US gal (2,271 Litres)
LR1	Activated carbon block FILTER	6 months or 600 US gal (2,271 Litres)
1M	BACTERIA, CYST, MICROPLASTICS Ceramic filter	12 months or 1,000 US gal (3,785 Litres)

^Cartridge life may vary with water quality and usage.



Limited 5 year warranty.



Drinking Water
CSA B483.1
NSF/ANSI 401,
53, 42



Envirogard Products Limited

446 Major Mackenzie Drive East,
Richmond Hill, ON L4C 1J2, CANADA

Toll-free: 1 800 667 8072 • Tel: (905) 884 9388 • Fax: (905) 884 3532
E-Mail: info@rainfresh.ca • Web: www.rainfresh.ca

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