

# Drinking Water System 3

## Model UCS3



The Rainfresh UCS3 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 4-stage filtration design that includes 2 stages of high grade activated carbon filtration followed by a ceramic filter with an activated carbon core. UCS3

- 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 chlorine, taste and odour
- Reduces >99.99% of sediment and particulate matter of 0.3 micron

### TESTING AND CERTIFICATION

UCS3 has been tested and certified by CSA International to CSA B483.1, to NSF/ANSI 53 for reduction of Lead, VOC and cysts, and to NSF/ANSI 42 for reduction of chlorine, taste and odour and to NSF/ANSI 372



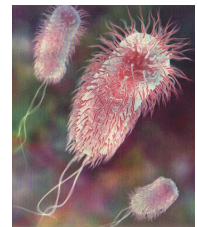
Drinking Water  
NSF/ANSI 42, 53

VOC reduction means that the system reduces the the contaminants listed below by > 95%.

alachlor	1,2-dichloroethane	1,1,2,2,-tetrachloroethane	tetrachloroethylene
atrazine	1,1-dichloroethylene	heptachlor (H-34, Heptox)	toluene
benzene	cis-1,2-dichloroethylene	heptachlor epoxide	2,4,5-TP (silvex)
carbofuran	trans-1,2-dichloroethylene	hexachlorobutadiene	tribromoacetic acid
carbon tetrachloride	1,2-dichloropropane	hexachlorocyclopentadiene	1,2,4-trichlorobenzene
chlorobenzene	cis-1,3-dichloropropylene	lindane	1,1,1-trichloroethane
chloropicrin	dinoseb	methoxychlor	1,1,2-trichloroethane
2,4-D	endrin	pentachlorophenol	trichloroethylene
dibromochloropropane (DBCP)	ethylbenzene	simazine	xylenes (total)
o-dichlorobenzene	ethylene dibromide (EDB)	styrene	trihalomethanes (jcludes)
p-dichlorobenzene	haloacetonitriles (HAN) bromochloroacetonitrile dibromoacetonitrile dichloroacetonitrile trichloroacetonitrile	haloketones (HK) 1,1-dichloro-2-propanone 1,1,1-trichloro-2-propanone	Chloroform (surrogate chemical) bromoform bromodichloromethane chlorodibromomethane

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

Contaminant	Reduction Efficiency	Log Reduction
<b>BACTERIA</b>		
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



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

## Drinking Water System 3



### Ceramic disc chrome faucet

UCS3 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)
UCS3	16.8	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 UCS3 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)
LR1	FILTER 2 : High grade activated carbon block	
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.

### 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

Jan 2017



## Enviogard Products Limited

446, Major Mackenzie Drive East, Richmond Hill,  
 ON L4C 1J2, CANADA  
 Tel: (905) 884 9388 Fax: (905) 884 3532  
 Web: www.rainfresh.ca