

# CA1

## Chloramine Reduction Filter Cartridge



### What are Chloramines?

Many municipalities across North America treat water by a process called "Chloramination". It involves disinfecting water by chloramines, which are formed when ammonia is used in addition to chlorine. Typically a secondary disinfection process, chloramines reduce the formation of potentially carcinogenic Trihalomethanes (THMs). However, chloramines render an offensive taste and odour to drinking water & beverages made from such water. In addition, chloramines can cause skin irritation, are corrosive by nature, and are toxic to fish.

Chloramines cannot be removed by boiling, distillation or regular activated carbon filters. The Rainfresh CA1 filter cartridge has been specially developed and formulated for reduction of chloramine using special grade activated carbon and proprietary media. CA1 has been tested and certified by CSA International to

NSF/ANSI Standard 42 for reduction of chloramine\*, chlorine, taste and odour.

### Features

- Made of special grade, high quality activated carbon with proprietary media
- Highly effective in reduction of chloramine, chlorine, taste and odour up to 600 US Gal (2271 liters)
- 5µ nominal particulate reduction

\* - As Monochloramine, measured as Cl<sub>2</sub>/L

### Specifications

Model	Micron Rating (Nominal)	Length (Inch)	O.D (Inch)	I.D (Inch)	End Type	Rated Service Flow	Rated Life	Max. Operating Temp
CA1	5µ	9.75"	2.65"	1"	Single Open End	0.75 gpm	600 gal (2271 L)	100°F (~38°C)

NOTE: Not intended for making microbiologically safe water.

### Applications

CA1 filter cartridges can be used for

- General potable water filtration for residential or commercial applications
- Aquarium waters & fish tanks
- Food service applications, etc.

While CA1 filter cartridges perform best when used with Rainfresh housings and systems, they fit and perform when used with most competitive<sup>‡</sup> standard 10" filter housings.

<sup>‡</sup> - Certification extends for use with Rainfresh Systems UCCSM, UCS2, UCS2M, UCS3 and DS2. Certification does not extend for use with other housings or systems.

The information presented here is based on data believed to be reliable. It is offered for your consideration and verification but not as a warranty.

### BENEFITS

- Effective reduction of both chloramine and chlorine.
- Efficient (> 95%) reduction over long life
- 5 micron (nominal) sediment filtration
- Universal Fit - Fits most competitive<sup>‡</sup> standard 10" housings



### Envirogard Products Limited

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

TS CA1 Eng Apr 2009