

## 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 chloramines 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

chloramines\*, chlorine, taste and odour.

\* - As Monochloramine, measured as  $\text{Cl}_2/\text{L}$

### BENEFITS

- > 99% reduction of chloramines and chlorine
- 5 micron (nominal) sediment filtration
- Universal Fit - Fits most competitive<sup>†</sup> standard 10" housings

### FEATURES

- Made of special grade, high quality activated carbon with proprietary media
- Highly effective (> 99%) in reduction of chloramines, chlorine, taste and odour up to 600 US Gal (2,271 litres)
- 5µ nominal particulate reduction
- Universal fit – can be used with most standard 10" filter housings

### SPECIFICATIONS

Model	Micron Rating	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	0.5 US GPM	600 gal (2,271 L)	100 °F (38 °C)

NOTE: Micron rating and dimensions are nominal

### 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.

CA1 can be used with all Rainfresh "UC" and "FC" series drinking water systems

### TESTING & CERTIFICATION



CA1 is a certified component, tested by CSA International to NSF/ANSI 42 for use with various Rainfresh systems.

<sup>†</sup> - Certification does not extend for use with other housings or systems.