



## PERFORMANCE DATA SHEET



### SC6-CB-PLUS(FIL-C100103) Drinking Water System

#### SC6-CB-PLUS(FIL-C100103) Replacement Cartridge

The best investment, both in terms of money and peace of mind, is to invest in a quality drinking water system solving a wide range of problems that you may, or may not, have or know about.

Please use RC-SC6-CB-PLUS (FIL-C100153) Replacement Cartridge for this system.

#### FEATURES

##### -Flow Rate

2.85 L/min (0.75 U.S. gallons/min).

##### -Exclusive

Quick Change Cartridge

##### -Fine Filtration

The 0.5 micron filter produces quality water for drinking, cooking, ice and food preparation.

##### -Reduces

Aesthetic Chlorine

Turbidity; Dirt, rust, and other particulates

Parasitic Protozoan Cysts (such as Giardia, and Cryptosporidium)

#### Operating Specifications:

- Capacity: 3800L (1000 U.S. gallons)
- Pressure requirements: 0.7-8.6 bar (10-125 psi), non-shock
- Temperature: 2-38 °C (35-100 °F)
- Flow Rate: 2.85L/min. (0.75 U.S. Gallons/min)

Tested to NSF/ANSI Standard 42 for Taste & Odor Reduction, Aesthetic Chlorine and Particulate Reduction Class 1 & Standard 53 for cysts reduction

The Performance Data Sheet is recommended to compare the capabilities of this unit with your actual drinking water needs. This system is your final barrier of protection against unknown contaminants which may be affecting your water supply.

**Water Testing:** There are two testing methods; If you are able to see, touch, smell or taste something in the water, there is an aesthetic problem. If you believe there are more problems that do not trigger your senses, potential volatile organic chemicals, chlorinated, chloraminated by-products, or lead contamination, professional testing may be necessary. Water testing can be very complicated. A complete analysis of hundreds of contaminant's that may be in water will cost hundreds to thousands of dollars. An alternate test is to have your water tested only for common water contaminant's, or for contaminant's you have read about or know are likely to be in your water.

**Note:** Since contaminant levels can vary from day to day and week to week. Taking a specific sample at any given time may yield a falsely good (or bad) result.

**Private water supply:** Having your water tested may be your only way of knowing what health related contaminant's may be present. Local health departments only test for a limited range of contaminant's like bacteria to approve wells for potable water.

**Public Water supply:** Guidelines and laws set by the government do not cover every known contaminant that may be affecting your water source. Also, additives may be added to your water that you may not want. Your SemperClear filter can remove most of these potential contaminants.

## General Installation/Operation/Maintenance Requirements

- Space required: 13 x 13 x 31 cm (5 x 5 x 12.25 in.) including 7 cm (2.5 in.) of clearance under unit for cartridge change.
- Recommended to install vertically
- Flush new cartridge at full flow for two minutes until water runs clear.
- Replace cartridge when capacity is reached or when flow becomes too slow. Maximum filter life is 12 months.

## Other Notices

- Installation instructions, parts and service availability, and standard warranty included with each system.
- This system must be maintained according to manufacturer's instructions, including replacement of filter cartridge.

## Additional important NOTES:

- Do not use with water that is microbiologically unsafe, or of unknown quality without adequate disinfection before or after the system. Systems certified for cyst reduction may be used on disinfected waters that may contain filterable cysts.
- The contaminant's or other substances removed or reduced by this water treatment system are not necessarily in your water.
- Check for compliance with state and local laws and regulations.
- System tested under standard laboratory conditions, actual performance may vary.

Buyer: \_\_\_\_\_

Seller: \_\_\_\_\_

Date: \_\_\_\_\_

## LIMITED WARRANTY

Crystal Mountain warrants this product to be free of defects in workmanship or materials for twelve months from date of purchase or 24 months from date of manufacture. This warranty extends only to the original consumer and does not cover products which malfunction due to neglect or unauthorized modification. Warranty does not cover in-house labor or other labor charges.

The unit must be used in operating conditions that conform to Crystal Mountain's recommended design guidelines. This warranty will not apply if the unit has been modified, repaired or altered by someone not authorized by Crystal Mountain. We are not responsible for damage caused by accident, fire, flood, freezing, Act of God, misuse, misapplication, neglect, oxidizing agents or operation contrary to printed instructions, or by the use of accessories or components not recommended in our installation guide.

System is not warranted to perform on a non-potable water source, or a water source which does not meet the conditions for use described in the installation guide or performance data sheet for these products. Water characteristics can vary seasonally or over a period of time. Crystal Mountain recommends having your water tested from timeto time for any health related type contaminant that you are concerned with or that may be in your water supply before or after this unit.

OUR OBLIGATIONS UNDER THIS WARRANTY ARE LIMITED TO THE REPAIR OR REPLACEMENT (AT CRYSTAL MOUNTAIN'S DISCRETION) OF THE FAILED PARTS OF THE SYSTEM, AND WE ASSUME NO LIABILITY WHATSOEVER FOR DIRECT, INDIRECT, INCIDENTAL, CONSEQUENTIAL, SPECIAL, GENERAL OR OTHER DAMAGES.

The customer acknowledges that water, like other liquids, can cause damage to surfaces. The customer takes full responsibility for placing the product within a residence or business, and acknowledges that failure to address drips, leaks or spillages is at the customer's own risk.

To obtain warranty performance:

**A:** Contact Technical Service at the coordinates listed below to obtain a RA# (Return Authorization Number). No returns accepted without RA# and Crystal Mountain reserves the right to dispose of any items returned without RA# after 30 days.

**B:** Return this product with the RA# clearly marked on the carton to Crystal Mountain, transportation or mail prepaid, with an attached statement giving the date and place of purchase, the nature of the defect and your return address, and if possible your telephone number.

**C:** Upon receipt, Crystal Mountain will examine your claim. If this warranty applies, Crystal Mountain, at its option will either replace or repair this product.

**D:** Please send all returns or warranty questions to:  
Crystal Mountain Products Ltd., Edmonton, AB, T5S 1S7

Telephone: (800) 878-6422 Fax: (780) 454-9816

This Warranty is given in lieu of all other warranties expressed or implied, written or oral. No employee, agent, dealer, or other person is authorized to give any warranties on behalf of Crystal Mountain. NOTE: Some states may not allow limitation on how long an implied warranty lasts so the above limitation may not apply to you. Similarly some states may not allow the exclusion or limitation of consequential or incidental damages so the above limitation or exclusions may not apply to you. This warranty gives you special legal rights. You may also have other rights which may vary from state to state. Proof of purchase must accompany all merchandise returns if more than 12 months from date of Manufacture.