

# Performance Data Sheet

## VOC-1 Cartridge:

Solid Carbon Block technology is considered the most effective method for reducing contaminants of health concern. Solid carbon block-based filters have a clear advantage over conventional granular activated carbon filters (GAC). They do not channel or bypass and they eliminate the potential for bacteria growth, as there is no room for growth in the very tight solid carbon block filter. In addition to the removal of cysts, a solid carbon block reduces chemicals, pesticides, herbicides, disinfectant byproducts, heavy metals, asbestos, particulates, and chlorine taste and odors.

### APPLICATIONS:

- Commercial and Residential Drinking Water systems
- Pre- and Post- R.O. Filtration
- Water Coolers
- Food Service

### SPECIFICATIONS:

Micron Rating	>99% @ 1 Micron
Filter Dimensions	2.50" O.D. x 1.25 "I.D x 9.80"
Capacity	900 Gallons (2650 Liters)
Chlorine Reduction	>95%
Lead Reduction	>90%
VOC Reduction	>98%
Cyst, Cryptosporidium, Giardia Reduction	>99.99%
Carbon Weight	0.80 lbs.
Carbon Type	Activated Bituminous Coal, Solid Block

**NSF® 53:** Filters that provide the greatest assurance of Cryptosporidium and Giardia removal are those certified by NSF® under standard 53 for “cyst removal.”

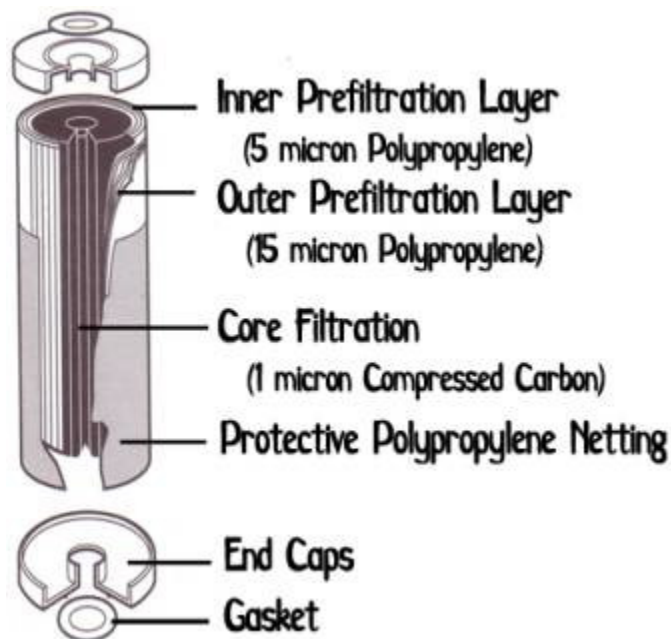
**NSF® 42:** Filters that provide the greatest assurance of chlorine taste and odor removal are those tested under NSF® standard 42 for “chlorine removal.”

### CONDITIONS:

- Operating Temperature: 40 – 125 F
- Maximum Operating Pressure: 250 psig

Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfections before or after the system. Activated carbon block filters are not designed to remove bacteria or viruses. Actual performance results may vary based on the level of contaminants in the influent water, changes in pH and upon other conditions that may be encountered during actual use.

## 1 Micron Solid Carbon Block



**component**

This Cartridge has been tested and certified to meet NSF® standards 42 and 53

# Performance Data Sheet

## CFX Fluoride Removal Cartridge:

This cartridge is a non-regenerable drinking water and general purpose taste and odor reduction cartridge designed to remove fluorides and free chlorine to levels below 0.5 and 0.1ppm respectively. It is constructed of FDA grade materials and media.

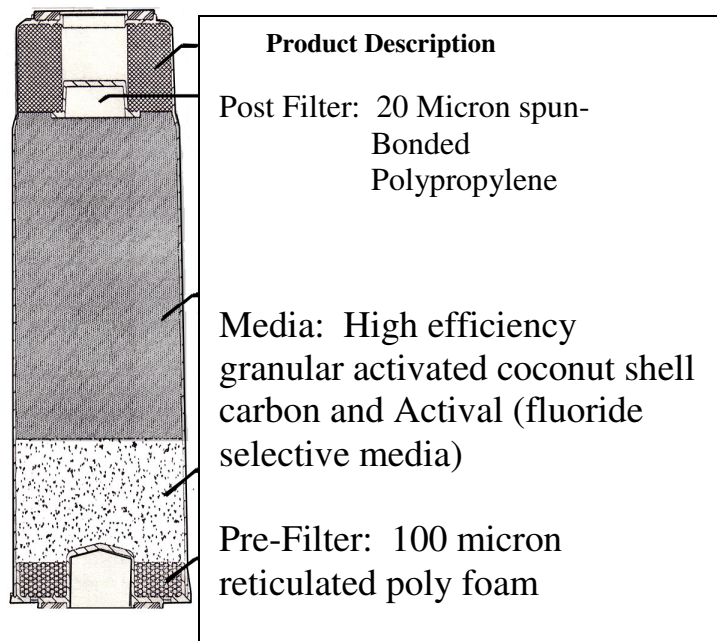
### APPLICATIONS:

- Residential Drinking Water systems
- Pre- and Post- R.O. Filtration
- Water Coolers
- Food Service

### SPECIFICATIONS:

Filter Dimensions	2.50" O.D. x 1.25 "I.D x 9.80"
Capacity	600 Gallons
Chlorine Reduction	>95.00%
Fluoride Reduction	Below 0.5ppm
THM & VOC Reduction	Substantial Levels
Carbon Grade	30x140 mesh refined coconut shell
Media Type	Activated Coconut shell Carbon
Media Type	Activated Alumina

## Coconut Shell Carbon Activated Alumina



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