

# Ultracarb Element



## 10 Inch Ultracarb Candle/ 9 3/4 Inch Cartridge Water Filter Element

These cleanable filter elements are designed to remove suspended solids, pathogenic bacteria, hydrogen sulphide, and lead. In addition, they will improve taste and reduce trace contaminants. These filter elements have been tested in accordance with NSF protocols for cyst, turbidity, particulates, and chlorine reduction (Class 1). The cartridges are based on a Sterasyl ceramic pre-filter shell. Inside the ceramic shell is a post-filter which is manufactured by combining a zeolite metal ion reduction medium, granular carbon, and powdered carbon to form a tightly packed matrix. The candle is fitted with a threaded plastic cap on one end; the cartridge is open on both ends.

- Maximum working pressure ..... 125 psig
- Maximum working temperature ..... 100° F
- Minimum working temperature ..... 40° F
- Recommended flow rate ..... 0.3 - 0.5 gpm
- Recommended cleaning frequency ..... when flow rate is noticeably lower
- Recommended change frequency ..... 6 months or 600 gallons, whichever is sooner

### Contaminant Removal

#### Pathogenic bacteria

*Cholera, Typhoid, Salmonella, Serratia, E. Coli, Fecal Coliform* - >99.99% removal

#### Cysts

*Cryptosporidium Parvum, Giardia Lamblia*  
100% removal (based on tests by Arizona State University)

#### Sediment

Down to 0.9 micron absolute; 0.5 - 0.8 micron with a filtration efficiency of >99.99% (based on tests by Spectrum Laboratories - MN - USA)

#### Organic Chemicals

Pesticides, herbicides and organic solvents

#### Metals

Lead, Iron, Aluminum

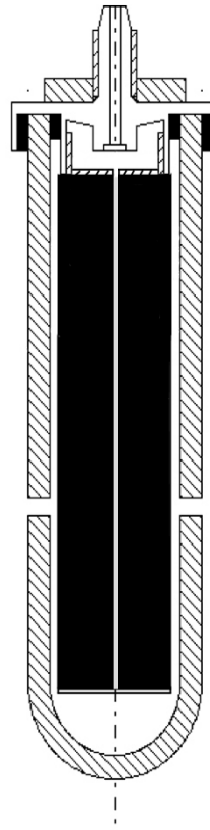
#### Taste & Color

Hydrogen Sulphide, Iron, etc.

#### Lead Removal

Lead is seldom found naturally in domestic water supply but can result from the dissolution of lead pipes which may still be in use in old water systems. The zeolite metal ion reduction medium in the Ultracarb element effectively reduces the lead content in drinking water.

10 Inch Candle



9 3/4 Inch Cartridge

