

## Imperial CeraUltra 2.75"x 9.75" Cartridge Water Filter Element

These cleanable filter elements are designed to remove suspended solids, pathogenic bacteria, hydrogen sulfide, Chlorine, Mercury, Lead and VOC's. 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 Imperial Ceramic pre-filter shell. Inside the ceramic shell is a post-filter block carbon insert which is manufactured by combining powdered carbon blends and Zeolite to form a tightly packed matrix. The candle is fitted with a threaded plastic cap on one end; the cartridge is open on one end to ensure no untreated water by-pass.

- Maximum working pressure ..... 125 psig
- Maximum working temperature ..... 100° F
- Minimum working temperature ..... 40° F
- Recommended flow rate ..... 0.8 - 1.5 G.P.M.
- Recommended cleaning frequency ..... when flow rate is noticeably lower
- Recommended change frequency ..... 1 year or 1200 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

#### Sediment

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

#### Organic Chemicals

Pesticides, herbicides and organic solvents

#### Volatile Organic Chemical Compounds

#### Metals

Aluminum, Iron, Mercury and Lead

#### Taste & Color

Hydrogen Sulfide, 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 CeraUltra element effectively reduces the lead content in drinking water.

Chlorine Capacity for removal      4600 Gallons

VOC removal                              620 Gallons

Lead and Mercury removal          1200 Gallons

Manufactured in England

