HOW THE METALGON™ FILTER MATERIAL WORKS TO REMOVE FLUORIDE, HEAVY METALS, PHARMACEUTICALS, CHLORAMINE AND MORE

A New Unique Proprietary Filter Material

How It Works

This new "CWR MetalGon™ filter" is a proprietary material consisting of a **calcium-carbon matrix** having positive and negative charges that attract metallic ions. Also, it has a very high adsorption surface area to reduce chloramines, pharmaceuticals and chemicals. The MetalGon™ media is placed inside a **Ceramic** filter. The outer ceramic shell removes parasites, bacteria, turbidity and sediment.

The CWR MetalGon™ Filter does not contain activated alumina and reduces naturally occurring fluoride as well as fluorosilicic acid that is added to drinking water. At an average concentration of 0.8 parts per million, the MetalGon™ filter will remove greater than 85% of fluoride for approximately 300 gallons of water. One or more pre-filters are used to remove additional contaminants so that the MetalGon media can reduce fluoride and special contaminants to the highest percent.

This new MetalGon™ filter media has been tested against fluorosilicic acid, lead and chloramine in two different laboratories, including the **Water Quality Association laboratory** and has demonstrated a high percentage reduction of these toxic contaminants.

Laboratory Testing

Fluoride Reduction - tested at Water Quality Testing Labs – used municipal water

- 85% reduction of fluorosalicic acid @ 0.8 ppb for 300 gallons

Chloramine Reduction – Tested to NSF/ANSI 42 and 53 protocols.

- 99% reduction @ 3ppm for 700 gallons

Lead Reduction – Tested to NSF/ANSI 42 and 53 protocols

- 99% reduction @ 150ppb for 500 gallons