

# AQUA ONE Fluoride Removal Water System

The average daily fluoride consumption is associated with many adverse effects. These levels are reached very easily by some people consuming water at the concentration levels now used for fluoridation. Small children, above average water drinkers, diabetics, people with poor kidney function and other vulnerable subgroups can reach well above the daily allowed fluoride levels.

Fluoride consumption on a daily basis is directly associated with impaired thyroid function in people with iodine deficiency (about 12% of the population). In small children, the daily allowed consumption of Fluoridated water at 1 ppm is reached very quickly. People of any age or weight with moderate to high Fluoridated water consumption are at high risk of thyroid malfunction and related problems.

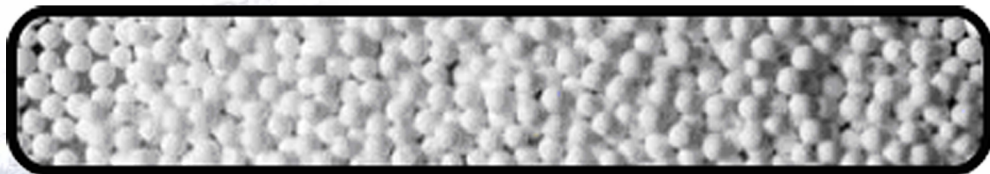
Feed water containing 1 ppm Fluoride causes an increased uptake of aluminum into the brain, with formation of beta-amyloid plaques, which is a classic marker of Alzheimer's disease in humans.

## Activated Alumina and Activated Granular Carbon Fluoride Removal Systems

**Activated Alumina** is manufactured from aluminium hydroxide by dehydroxylating it in a way that produces a highly porous material; this material can have a surface area significantly over 200 square metres/g. The compound is used as a desiccant (to keep things dry by absorbing water from the air) and as a filter of fluoride, arsenic and selenium in drinking water. It is made of aluminium oxide (alumina;  $Al_2O_3$ ), It has a very high surface-area-to-weight ratio. That means that it has a lot of very small pores, almost like tunnels, that run throughout it.

**Activated Granular Carbon** is manufactured from coconut shells & washed by acid or water. Coconut shell Granular activated carbon has a very high surface area, that means it has a lot pores like tunnels, that run through it. Granular activated carbon removes chlorine, Chlorine byproducts, taste & odor from water.

**AQUA ONE Fluoride Removal Water System removes Fluoride, Arsenic, Selenium, Chlorine, Taste. Odor, Lead,\* Mercury,\* VOC\* & MTBE\***



**AQUA ONE FILTRATION TECHNOLOGIES LTD.**

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# AQUA ONE Fluoride Removal Water System



Single & double Fluoride, Arsenic, Selenium, Cyst E –coli, Chlorine, Taste & odor remove or reduce water filtration Systems.



Whole House, Under sink & triple water systems removes or reduce Fluoride, Arsenic, Selenium, Cyst, E-coli. Lead, Chlorine Mercury,\* VOC\* & MTBE\*

**AQUA ONE Fluoride Removal Water systems are available in many sizes & usages.**

- Single Stage Counter Top
- Double Stage Counter Top
- Triple Stage counter Top



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