

Whole House Filter System (\$995 + tax)

This unit filters all incoming water and must be installed by a plumber on main the supply line to the house. It should be installed in a sheltered location, like a garage, to protect it from freezing in winter. The unit has 1" connectors to ensure minimal loss of water pressure through the filtration process.

This filter performs the following 3 stages of filtration:

- **#1: Sediment.** Pleated fabric cartridge that removes dirt, debris and solid particulates
- **#2: 5 micron Carbon/KDF filter.** Removes all particles >5 microns. KDF removes lead, mercury, iron (heavy metals) and hydrogen sulfide. Carbon/KDF removes organics, pesticides (roundup), herbicides and most of the chlorine and fluoride.
- **#3: 1 micron Coconut/Carbon filter.** Removes all molecules > 1 micron. These include almost all compounds (like pharmaceuticals), bacteria, mold and large individual atoms.



This filter produces reasonably clean water. It does leave about 15% of the chlorine in the water, as this is needed to ensure house pipes remain free from bacteria during periods when house is empty. It also leaves about 25% of the fluoride (which is the hardest toxin to remove from water), along with molecules <1 micron in size.

The resulting filtered water is excellent for cleaning, showering, washing and bathing. It is also acceptable for drinking and cooking, although purified and re-mineralized water is a better choice.

Maintenance: This filter is low maintenance, with just the following requirements for the average household:

- Remove and clean (rinse) the sediment (#1) cartridge after 6 months.
- Replace all three filters after 1 year. Replacement filters are available at Blue Jug stores (\$300).