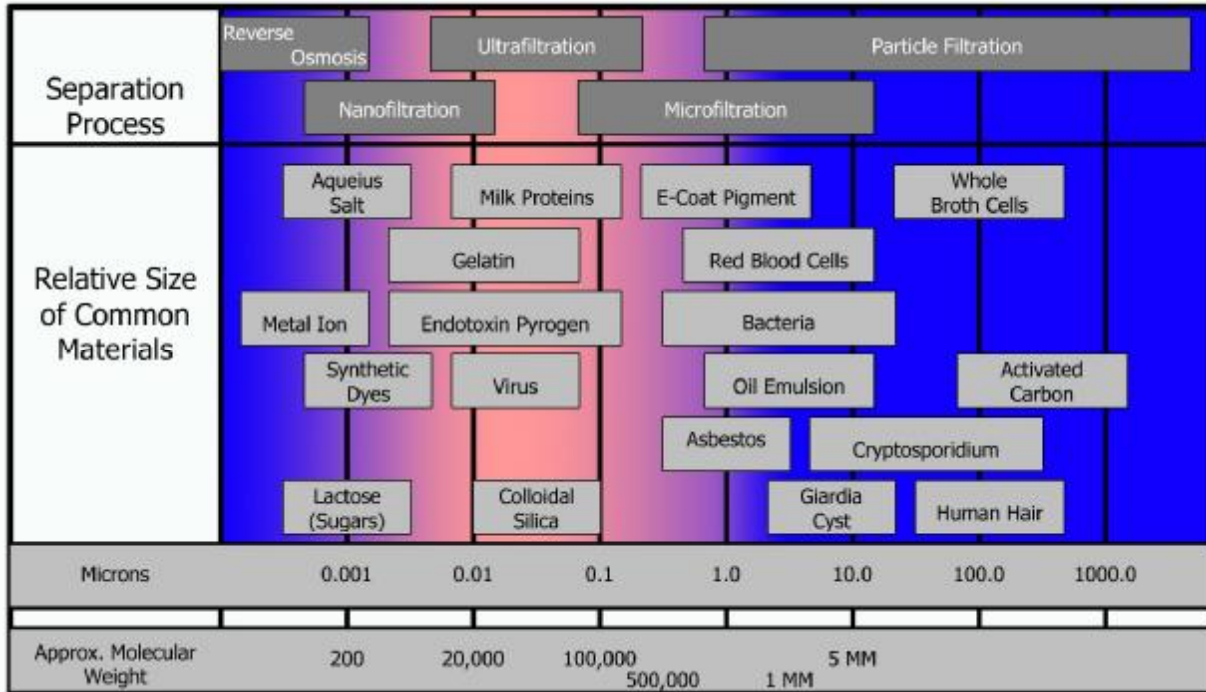


Aviva AlkaPure Water Filtration System

The Aviva AlkaPure System provides a high level of filtration with no wastewater, with the added benefit of increased alkalinity, higher levels of magnesium, potassium and calcium, and the ability to counteract the damaging effects of free radicals. The system is ideal for municipal water systems offering both efficiency and low cost. The AlkaPure consists of eight stages, and features KDF media, granulated activated carbon, activated alumina fluoride filtration, .2 micron ultra filtration, one micron lead/cyst carbon block, and the Bioceramic antioxidant mineralizing filter, designed to provide the ultimate in purified, filtered water that is free of chlorine, fluoride, heavy metals, cryptosporidium, Giardia Cysts, bacteria and contaminants, with the addition of healthful minerals, increased alkalinity and a decrease in Oxidation Reduction Potential (ORP) which transforms plain tap water into a powerful antioxidant.

What is Ultra Filtration?

Ultra Filtration uses membrane technology to reject contaminants from 0.01 to 0.2 microns. Because of the larger pore size in the membrane, UF requires a much lower operating pressure (10 to 100 psi) while maintaining higher flow rates up to a maximum of 2 gallons/min. This system is effective in the removal of bacteria, pyrogens, high molecular weight dissolved solids and other water contaminants of concern while allowing healthy minerals and ions through.



Ultra Filtration offers filtration from \approx 0.01 microns and higher

Specification of UF Membrane

Parameter	Specification Figure 1
Material	Polysulfone
Particle Size Cut Off (optimal conditions)	0.03 microns
Manufacturer's Micron Rating	0.01 - 0.2 microns
PH Range	1 - 14
Flow Rate	Max 2 gal/min

Parts List

Stage 1: Omnipure 5 micron sediment filter, Horizontally Mounted	Stage 2: Activated Alumina Fluoride / Arsenic Filter (1 st Vertical Cartridge)	Stage 3&4: 2.5 KDF Media, 1 LB Granulated Activated Carbon (2nd Vertical Cartridge)
Stage 5: 1 Micron Sediment Filter (3 rd Vertical Cartridge)	Stage 6: 0.2 Micron Ultra Filtration Membrane, Horizontally Mounted	Stage 7: 1 Micron Lead/Cyst/Chlorine Carbon Block Polishing Filter, ensures great tasting water.
Stage 8: Bioceramic Alkalinizing, Antioxidant, Mineralizing Filter, which transforms normal tap water into health promoting antioxidant water.	2 X 3 Foot Tubing with Saddle Valve for Connection to cold water copper tubing (longer lengths of tubing is available if required)	Long Reach Stainless Steel Faucet (optional Tomlinson or designer faucets are available) Filter Wrench

Warranty

System components are warranted to be free from manufacturing defects and workmanship for five years from date of installation. Warranty is limited to cost of repair or replacement (at manufacturer's option) of any defective part or component. Warranty does not include return freight to Aviva for inspection, non-physical defects and incidental or consequential damages of any kind. Estimated filter life can vary, and is dependent on total dissolved solids (TDS), contaminants and the amount of water filtered. In order for limited warranty to be valid, systems must be installed and maintained according to manufacturer's instructions and procedures. A separate detailed installation document is included with the unit.