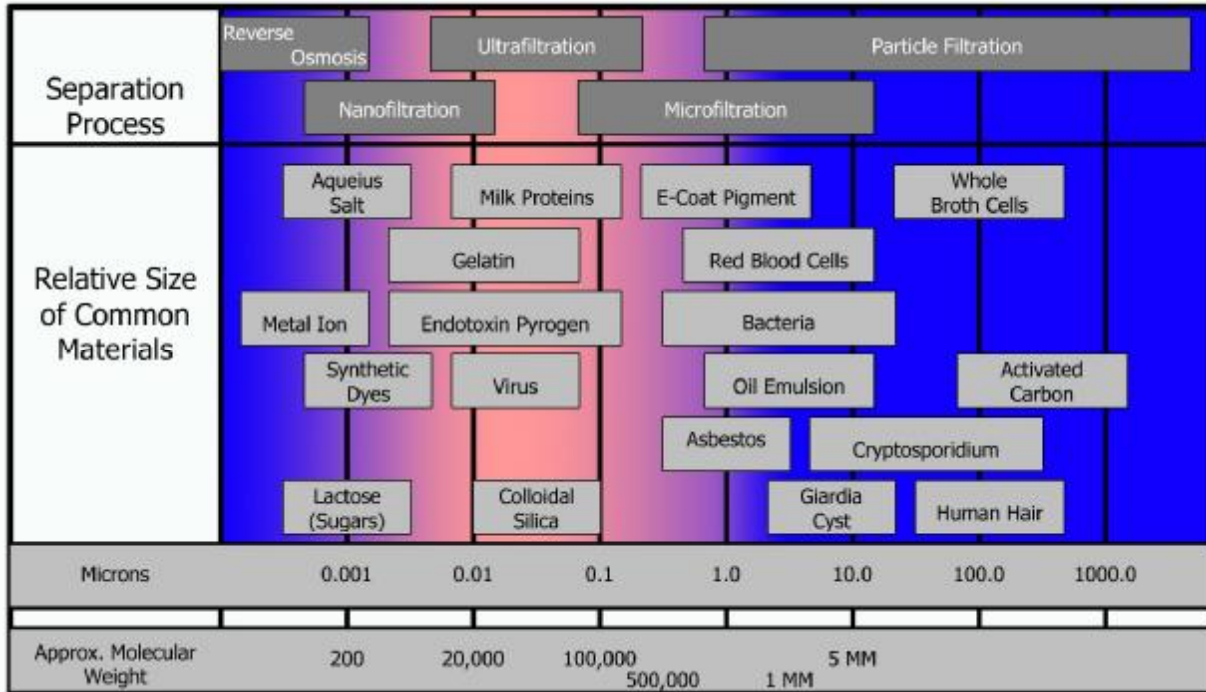


Aviva UltraPure Water Filtration System

The Aviva UltraPure Water Filtration System offers a high level of filtration with no wastewater. The system is ideal for municipal water systems offering both efficiency and low cost. The Aviva UltraPure Water Filtration System consists of seven stages, and features a variety of technologies, including KDF Media, Granulated Activated Carbon, Activated Alumina, Ultra Filtration, and one micron lead/cyst carbon block final water polishing, designed to provide the ultimate in purified, filtered water that is free of chlorine, fluoride, heavy metals, cryptosporidium, Giardia Cysts, bacteria and contaminants.

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

Figure 1

Parameter	Specification
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.
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 is included. (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.