

**REMOVAL EXPECTATIONS**

**Volume Used & Water Quality Dictate Cartridge Life Expectancy**

<b>Cartridge Size</b>	<b>STANDARD</b>	<b>YEARS</b>	<b>HIGH CONTAMINATION</b>	<b>YEARS</b>
10" Negative 2.5" MINI	100,000 GAL	2.75	50,000 GAL	1.5
10" Positive 2.5" MINI	200,000 GAL	5	100,000 GAL	2.75
10" Negative 4.5"	200,000 GAL	2	110,000 GAL	1
10" Positive 4.5"	400,000 GAL	3.75	220,000 GAL	2
20" Negative 4.5"	400,000 GAL	3.75	220,000 GAL	2
20" Positive 4.5"	800,000 GAL	7	440,000 GAL	3.75

✓ Standard US Household uses 75 GAL/PERSON/DAY, Household of 4 equals 300 GAL/DAY or 110,000 GAL/YR

**If your household is conventional, it would take you 800,000 gallons to exhaust a 20" Positive cartridge (at least 7 years minimum) and 400,000 gallons to exhaust a 20" Negative cartridge (almost 4 years minimum).**

**Replacement 10" x 2.5" cartridges \$40 each**  
**Replacement 10" x 4.5" cartridges \$75 each**  
**Replacement 20" x 4.5" cartridges \$125 each**  
 Order as many as you would like in anticipation

These expectations are based on a minimum expected lifespan, most likely will exceed them as complete saturation would allow 0 (zero) water to pass through them. The 2.5" are based on 100 Gallons Per Day Maximum.

## QUICK REFERENCE OF MOST COMMON CONCERNS

**POSITIVE (RED) CARTRIDGE**

- Fluoride
- Chloride
- Nitrate
- Phosphate
- Sodium
- Sulfur
- PFAS

**NEGATIVE (GREEN) CARTRIDGE**

- Arsenic
- Calcium Magnesium (Hardness)
- Iron
- Manganese
- Uranium / Radium / Radon
- Radon

**MICROBIOLOGICAL / VIRAL**

- |                                 |            |                  |        |
|---------------------------------|------------|------------------|--------|
| *Total Coliform/E.coli Bacteria | *Cholera   | *Cryptosporidium | *Cysts |
|                                 | *Dysentery | *Giardia         |        |

These contaminants are removed through particle size, they simply cannot pass through the pore openings, and get trapped within the first inches of either media cartridge.