

Active Carbon Filter

The Alkal-life 7000sL™ serves two functions. It is an effective water filtration device and it can produce -838 ORP ionized water. The Alkal-life7000sL™ contains the Active Carbon Filter. This filter scrubs your water clean as it passes through 4 layers of filter technology.

Tap water flows through the filter from the bottom up. Follow the arrows and read the description to learn how tap water becomes filtered.

1. Sediment (Pre-filter) Layer

Fine particles of five microns or more are easily trapped in the sediment filter. Made from 100% polypropylene microfibers, the sediment filter has exceptional holding capacity. The mechanical filtering process eliminates a variety of impurities such as dirt, dust, and rust. This initiates the purification process and prolongs the life of the filter.

2. Non-woven Fabric Layer

Non-woven fabrics are engineered for a variety of uses and have wide ranging applications. Due to its excellent filtration properties and durability, non-woven fabrics are being used in surgical and industrial applications. The Alkal-life 7000sL™ employs a non-woven fabric specifically designed to filter out particles and be the next line of defense.

3. Granular Activated Carbon Layer

The extremely fine cavities in the granular activated carbon filter trap the tiniest contaminants. The highly absorbent filter is made from coconut peels that have been processed at high temperatures, making it suitable for removing and absorbing organic (i.e. trihalomethanes and bacteria) and non-organic (i.e. chlorine and arsenic) compounds, odor and gaseous substances.

4. Second Non-woven Fabric Layer

As a final step, water passes through another layer of this special filter to trap any remaining particles. This ensures the purest, cleanest, and clearest drinking water.

