

Elite™ Package

Experience the ultimate in water treatment with the Sentinel Elite system—designed to deliver safe, high-quality water for both residential and light commercial needs. . Built to stand the test of time, this powerhouse features twin full jackets, durable weather covers for the valves, and an innovative self-disinfection feature. Its five specialized filtration medias tackle impurities with unmatched efficiency, backed by an industry-leading lifetime parts and labor warranty for total peace of mind. This sophisticated, high-performance system elevates your water quality, effectively removing common contaminants for a healthier, cleaner home experience.

Key Features Include:

- ✓ Assembled in Houston
- ✓ 1" Clack PLATINUM MTX Control Valve
- ✓ 8% Black Softening Resin
- ✓ AquaCarb Elite Mixed Media Tank
- ✓ Platinum Weather Jackets

Warranty

- ✓ **LIFETIME** on CLACK valve
- ✓ **LIFETIME** on media tanks
- ✓ **LIFETIME** on brine tank
- ✓ **LIFETIME** on resin
- ✓ **LIFETIME** on labor



LEAK DETECTION SYSTEM

This leak detector system is a comprehensive solution for proactive water damage prevention, featuring three highly sensitive leak sensors and a central hub. The sensors instantly detect any leaks or water accumulation, sending real-time alerts via the hub to your smart-phone.

Next Generation Water Filtration

SENTINEL ELITE Water Softener

✓ **Upper Safety Trapper**

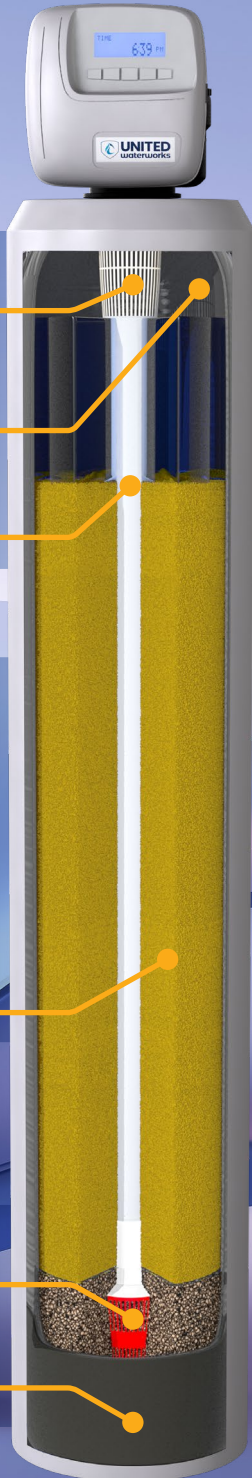
✓ **Non Corrosive, One-Piece Seamless Moulded Fiberglass Vessel**

✓ **1" Manifold Pipe**

✓ **Resin** The 8% amber water softening resin is a high-quality, high-capacity resin designed to efficiently soften water by reducing calcium and magnesium ions that cause hardness. With an 8% cross-linked structure, it offers excellent durability and long-lasting performance, ensuring consistent, high-efficiency water softening even in demanding conditions. Ideal for residential and commercial applications, this resin provides a reliable solution to enhance water quality, improve appliance efficiency, and extend the life of plumbing systems by effectively preventing scale buildup.

✓ **High Flow Distributor**

✓ **Rubber Boot**



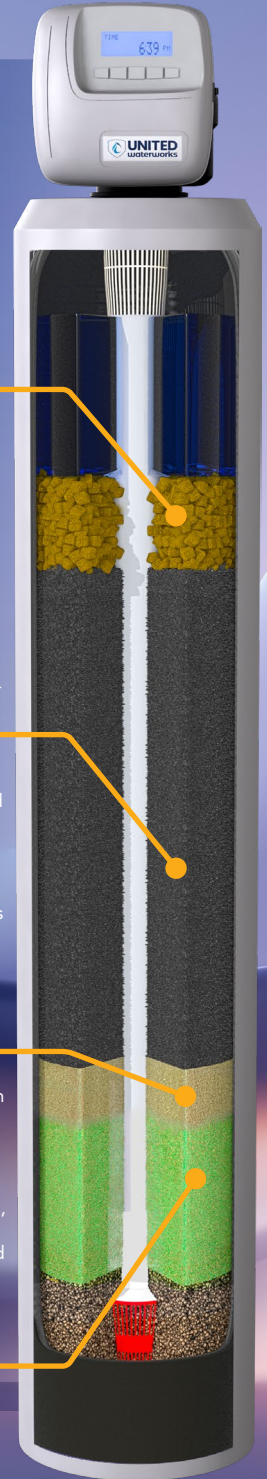
AQUACARB ELITE Multi-Media Unit

✓ **Cubulation-K5 media** is a high-purity copper-zinc formulation used for water filtration, specifically designed to remove or reduce chlorine, heavy metals (such as lead, mercury, and nickel), and hydrogen sulfide (which causes unpleasant odors). It works through a redox (oxidation-reduction) process, converting contaminants into harmless substances while inhibiting bacterial, algae, and fungi growth within the filter. Cubulation-K5 is often used in conjunction with other filtration media to enhance overall water quality, making it an ideal choice for residential, commercial, and industrial water treatment applications.

✓ **Catalytic carbon media** is a highly effective filtration material used to improve water quality by removing a variety of contaminants. It excels at eliminating chlorine, chloramines, hydrogen sulfide (which causes a rotten egg odor), and volatile organic compounds (VOCs). The media also reduces heavy metals, pesticides, herbicides, and disinfectant by-products like trihalomethanes (THMs). Its catalytic properties enhance the breakdown of these contaminants, providing cleaner, better-tasting water. Catalytic carbon is ideal for residential, commercial, and industrial water treatment applications, offering long-lasting performance and reduced maintenance.

✓ **JADE-S (Silicate)** is a high-performance filtration media engineered from refined silica grains, designed to enhance water quality by replacing traditional sand in filters. It effectively removes a wide range of contaminants, including suspended solids, organic matter, iron, manganese, arsenic and microplastics. JADE-S also reduces turbidity, biofilm, and pathogens such as bacteria and parasites, down to 4 microns in size. Its anti-biofouling properties prevent bacterial growth, resulting in lower chemical usage and maintenance costs, while delivering cleaner, clearer water in various water treatment applications.

✓ **JADE-NG (Next Generation)** is an advanced filtration media made from recycled green glass, designed to replace traditional sand in water filters. It offers superior filtration by removing a wide range of contaminants, including suspended solids, organic matter, metals like iron and manganese, microplastics, and even particles as small as 1 micron. Its self-sterilizing surface prevents the growth of bacteria and biofilm, reducing the need for chemical treatments. JADE-NG enhances water clarity, lowers maintenance costs, and provides a more sustainable and efficient solution for various water treatment applications.



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Water Softeners