

# HOSPITALITY

PRODUCT RANGE

BUSINESS IS BETTER WITH  
**KINETICO WATER**



# WELCOME

TO A WORLD OF BETTER WATER

**At Kinetico, we understand water is a vitally important resource in the hospitality industry. Water impacts virtually every beverage and dish served, the cleanliness of each guest room, as well as the lifespan of linens and appliances.**

Kinetico filters and softeners use the most advanced techniques in the industry to remove contaminants and hardness, improving overall water quality for food preparation while simultaneously protecting your investment in expensive boilers, commercial laundry and kitchen appliances. Soft water reduces cleaning costs and extends the life of bathroom fixtures. Our reverse osmosis systems are designed to produce clean, crystal-clear drinking water while increasing energy efficiency and lowering water-related costs. From the kitchen to laundry and every step in between, you can count on Kinetico to help you provide your customers with nothing but the best.

## WHY IS WATER QUALITY IMPORTANT TO YOUR OPERATION AND MOST IMPORTANTLY, TO YOUR CUSTOMER?

### **Better-tasting food, beverages and drinking water**

Delivers great-tasting drinking water for your customers and improves the consistency of water as a food and beverage ingredient.

### **Spot-free glasses and dishes**

Achieves consistently clean results eliminating the need for hand polishing.

### **Improve the aesthetics and life of bathroom fixtures**

Eliminates scale and staining from shower heads and sinks.

### **Lower operating expenses**

Up to 40% lower detergent costs and energy consumption while reducing the risk of downtime and maintenance costs.

### **Protect and extend the life of your equipment**

Improves the return on your investment by eliminating scale build-up and other harmful contaminants.

HIGH QUALITY WATER NOT ONLY IMPROVES THE EFFICIENCY OF YOUR OPERATION BUT ALSO ENSURES YOUR CUSTOMER RECEIVES THE OPTIMAL GUEST EXPERIENCE.

HOW KINETICO WATER IMPROVES  
**HOSPITALITY**

Cleaning of bathroom is simple, due to elimination of hard water stains on shower walls and doors.

Eliminate dark mineral deposits and hard water spots on fixtures.

Washing machines use up to 50% less detergent with softened water.  
Extend the life of equipment due to the elimination of hard water scaling.

Extend the service life of towels.

Extend the service life of linens.

Clean drinking water in each guestroom.

Kinetico can recommend a customized solution based on your specific water needs.





## WATER SOFTENING

Water softening involves a process called ion exchange to soften water. Quite simply, within a water softener tank, calcium and magnesium (hardness) in water are exchanged with sodium (soft water ions). When the system can no longer make this exchange, it regenerates (cleans itself) so that it can once again exchange the hardness ions for soft ones.



### Kinetico softeners provide:

#### Performance:

- Proven reliability at high temperatures up to 150° F.
- Non-electric design for trouble-free operation.
- Backed by an outstanding warranty.
- Easy operation.
- Uninterrupted soft water flow 24 hours per day.

#### Savings:

- Advanced engineering regeneration minimizes salt and water costs.
- Saves up to 48% in energy costs.
- Eliminates hard water stains on dishes and glassware, sinks and showers, and spend less time and energy cleaning.
- Uses up to 40% less detergents in dishwashing machines and laundry.
- Extends life of bathroom fixtures, linens, towels and glassware.

#### Protection for Appliances:

- Eliminates downtime due to scale build-up in appliances caused by hard water.
- Extends the life of commercial laundry and kitchen appliances.



## WATER SOFTENING: PRODUCT OFFERING

All of Kinetico's water softeners have robust construction for the most demanding environments.



### CC Series

Small

- Compact non-electric models save space.
- Applicable to water temperatures up to 150°F.
- Corrosion, heat and moisture resistant.



### CP Series

Medium

- Larger non-electric systems for performance and efficiency.
- Modular design allows your system to grow as water demand increases.
- Efficient, low-cost operation.



### Hydrus Series

Large

- Ideal for high flow rate applications in the largest appliances.
- May also be combined with Hydrus Filtration.
- Configurable, non-electric point-of-entry softener.
- Modular design allows for system expansion.



## REVERSE OSMOSIS (RO)

Reverse osmosis involves the movement of water through a membrane to remove odor-causing impurities, hardness and contaminants. The RO membrane has microscopic openings that allow water molecules, but not larger compounds, to pass through.

### Kinetico RO systems provide:

#### **Optimal Water for Cooking, Drinking and Dishwashing:**

- A 90% reduction of total dissolved solids, which eliminates foul tastes, smells and colors.
- Pure, soft water that is optimal for drinking, cooking, and washing dishes.
- Clean rinse during dishwashing eliminates hard water stains on dishes and glassware.

#### **Protects Appliances:**

- Eliminates downtime due to scale build-up in appliances caused by hard water.
- Extends the life of kitchen appliances.

#### **Performance:**

- Kinetico RO systems provide reliability and efficiency.
- Backed by an outstanding warranty.



## REVERSE OSMOSIS: PRODUCT OFFERING

All of Kinetico's reverse osmosis systems are guaranteed to provide the highest quality water for optimal dishwashing, drinking water, coffee, tea and recipes.



### TQ Series

Small

- Compact, non-electric models save space.
- Wall-mountable to save floor space.
- Option: Everclean® Rinse uses high quality water to clean and extend the life of the membrane.



### TS Series

Medium

- Space-saving, electrical design.
- Wall-mountable to save floor space.
- Option: Everclean® Rinse uses high quality water to clean and extend the life of the membrane.



### TL Series

Large

- EverClean® Rinse uses high quality water to clean and extend the life of the membrane.
- Requires minimal floor space.



## WATER FILTRATION

Water filtration is used to improve the taste and remove odors in the water used for food and beverages. Kinetico water filtration can be used as a stand alone system or in conjunction with reverse osmosis and water softening.

Depending on water conditions, filters can remove dirt, sediment, chlorine or raise the pH of your water. Additionally, filtration removes impurities that can decrease the efficiencies of your beverage equipment. They are backed by Kinetico's outstanding warranty.

### Filtration options include:

#### **Macrolite® Filtration: (removal of iron and suspended solids)**

A revolutionary, highly efficient ceramic filter media for the removal of oxidized iron and suspended matter. Capable of removing suspended solids such as oxidized iron below 3 microns.

#### **Carbon Filtration: (dechlorination and odor removal)**

Kinetico uses quality, granular carbon. Standard carbon selections are for dechlorination at high flow rates. Sizing is based on local water chemistry.

#### **Calcite Filtration: (increase pH)**

For water with low pH, calcite is used to raise the pH. Water passes through the bed and slowly dissolves the media, adding calcium and carbonate alkalinity. Water with a negative Langelier Saturation Index (LSI) will be increased to a positive value.

## WATER FILTRATION: PRODUCT OFFERING



### Powerline™ Series

Small

- Electric filter series with a one tank design.
- Meter or timer-based regenerations.

#### Filtration options:

- Calcite (increase pH)
- Macrolite (iron and suspended solids)
- Carbon (dechlorination and odor removal)



### Dechlorinator

Medium

- Non-electric system that eliminates chlorine.
- Reliable. No timers to set, adjust, repair or replace.
- Highly efficient. No wasted water or electricity.



### CP Series

Medium

- Larger non-electric system for performance and efficiency.
- Modular design allows your system to grow as water demand increases.

#### Filtration options:

- Calcite (increase pH)
- Macrolite (iron and suspended solids)
- Carbon (dechlorination and odor removal)



### Hydrus Series

Large

- Space-efficient, economical non-electric filter.
- Meter-based regenerations for maximum efficiency.

#### Filtration options:

- Calcite (increase pH)
- Macrolite (iron and suspended solids)
- Carbon (dechlorination and odor removal)



## SPECIALTY SYSTEMS

*Sometimes, your water problem requires a special, targeted solution. We have just what you need.*



### COMBINED SOFTENER/FILTER

- Removes water hardness and chlorine in one system.
- Conditioned, filtered water 24 hours per day.
- Quad-tank design and non-electric operation.
- Simple, reliable and economical operation.



### SCALE REDUCTION SYSTEM (SRS)

- Non-electric, salt-free system that prevents scale buildup.
- It is designed to reduce hardness deposits in appliances that heat water.
- 24/7 Automatic Operation. No regeneration downtime.
- Reliable. No timers or computers to set, adjust, repair or replace.
- Highly efficient. No wasted water, chemicals or electricity.

## KINETICO BRINGS FIVE STAR WATER TREATMENT TO THE LONDON SAVOY

As part of the ambitious £100 million restoration project, new water softening equipment from Kinetico has been installed at the recently re-opened Savoy in London, one of the world's great, iconic hotels. The Kinetico system will eliminate problems with hard water, helping to maintain the efficiency and performance of building services plant whilst making sure that surfaces and sanitary ware in this exclusive hotel retain their luxurious sparkle for as long as possible.

The Savoy, a Fairmont Managed Hotel, closed in December 2007 for an extensive refurbishment program which encompassed the entire building from its impressive entrance and the American Bar to the world-renowned Savoy Grill and the 268 guest rooms and suites. In the project, a total of thirty eight new River Suites and guestrooms have been added, alongside nine Personality suites and a stately 325-square meter, 2-bedroom Royal Suite which is truly fit for a King. The resulting expansion in water services, coupled with the Savoy's location in a hard water area, demanded an increase in the water softening system at the hotel. Kinetico's patented non-electric, automatic system proved the perfect choice.

Paul Daciuk, Construction Manager at the project's mechanical and electrical services contractor, SPIE Matthew Hall, tells the story. "Softened water prevents the scale build up you normally get on sanitary and brassware in hard water areas and stops soap scum appearing on the laundry. By inhibiting the build up of scale in pipe work and on heat exchangers and elements within the hotel's hot water plant, it also keeps the services running as efficiently as possible". Installed in the basement of the Savoy, the two new Kinetico CP 213 OD water softeners add to the eight existing units at the hotel which have been operating successfully there for a number of years.

The Kinetico water softeners work by removing the calcium and magnesium ions in the hard water through an ion exchange process. The twin tank design ensures that softened water can be provided continuously to meet the needs of the hotel; while one tank is activated the other is being cleaned with a salt solution to remove the calcium and magnesium ions. A fully automatic control valve measures the soft water used and only regenerates on demand, allowing water usage to vary each day without causing unnecessary waste. At the Savoy, there is now sufficient softening capacity to continue water flows even if two of the ten units are out of service for maintenance at any time.

The restoration has introduced environmental technologies and efficiencies wherever possible. For example, a combined heat and power (CHP) plant will reduce the hotel's reliance on the national grid by approximately 50 per cent and an innovative system reclaims the heat from all kitchen appliances to preheat domestic hot water. Cooking oil from the hotel restaurants will be recycled and turned into biodiesel, while waste management systems will recycle up to 90 percent of waste from the hotel. The Kinetico equipment fits with this innovative, low carbon approach since the technology uses the kinetic energy of water to operate, eliminating the electricity costs needed to run alternative softening technologies. This also brings installation benefits since no power cabling is required.

"The Savoy is one of the most prestigious hotels in the world and we are delighted to be part of this huge renovation project" comments John Bisset, Operations and Technical Service Director, Kinetico. "Kinetico prides itself on the performance and reliability of its product. Our ongoing relationship with the Savoy demonstrates that we are continuing to deliver on these high standards in the grandest of locations."



## THE KINETICO DIFFERENCE

### Unmatched Performance

For more than 40 years, Kinetico has taken a smarter approach to solving water problems. Our systems treat water more efficiently, effectively and economically. With more contaminant removal and no spikes in performance, you can be confident they will outperform other options available and provide clean, clear water for years and years. It's why so many people and businesses around the world rely on our products.

### Cost-Effective

Kinetico softeners and filters are powered by moving water, which means they cost less to install and maintain. They provide a longer service life and less wastewater.

### Dependable

Kinetico systems are built to last. Many customers became tired of all the problems with their previous water systems and replaced them with a Kinetico system. They now enjoy the system's reliability and the fact that it provides them with treated water whenever they need it.

### Tailored Solutions

By partnering with you to develop a solution tailored to your exact needs, we help you meet environmental regulations, exceed performance expectations and satisfy demand. Investing in a Kinetico water system for your business or home provides you with not only the best technology and products available but extraordinary service as well. Whatever the application, Kinetico will combine its 40 years experience and wide product portfolio to ensure the most efficient and cost-effective water treatment system is installed.

### Uncompromised

Better quality water, not at the expense of the environment. Our solutions use less salt and water, work better and last longer. In fact, we have customers who have had their Kinetico systems for more than 20 years. With a Kinetico system, you'll also minimize waste and energy use, reduce the need for harsh cleaners and chemicals and help your water-using appliances work better and last longer.



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