

# ● SmartChoice Gen II iTwin

Innovative Technology for Total Water Management



**H2O**  
care home

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## Very Smart...

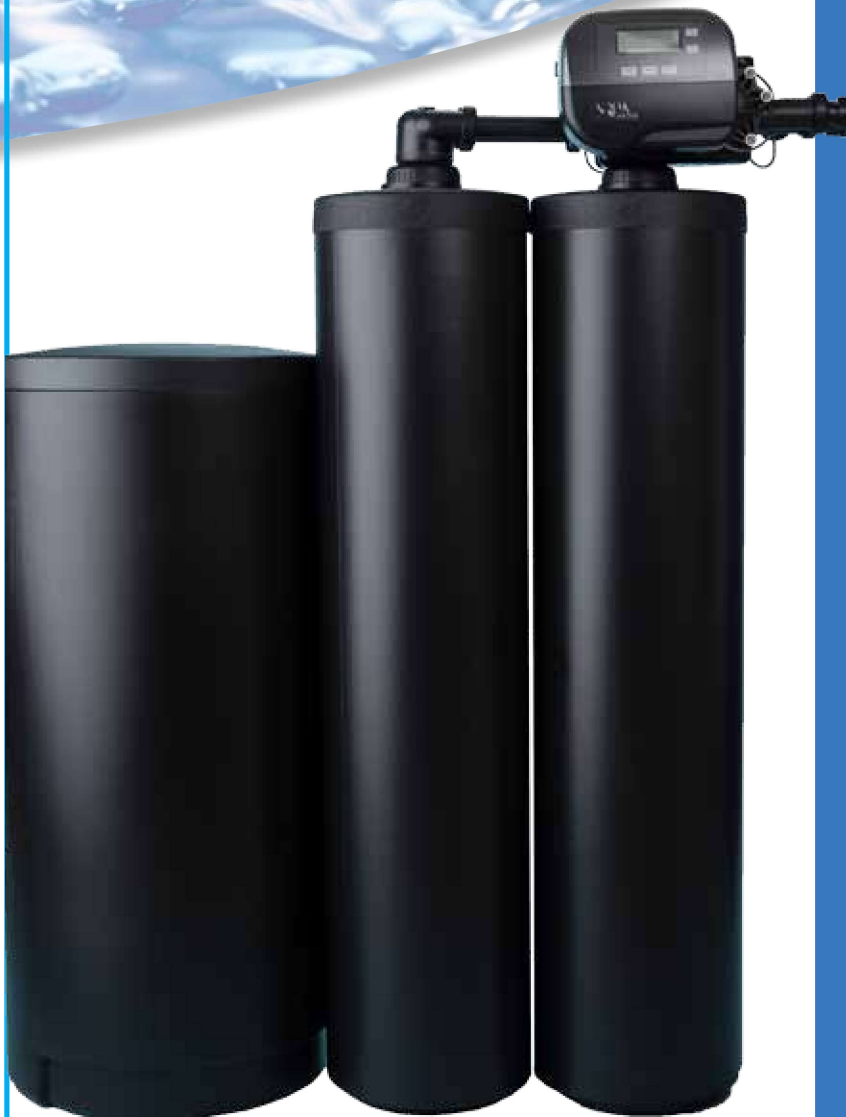
In developing the SmartChoice™ Gen II integrated Twin , Aqua Systems® had five objectives:

- Build a system that delivers soft water 24 hours a day with no interruption
- Move beyond the trend of disposable water softeners
- Deliver peak performance for decades after the initial installation
- Build a system that works so well you'll forget it's there
- Develop the most efficient system available

### Serviceable vs. Disposable – This could be the last system you'll ever have to buy!

Many water conditioning systems on the market today are designed in a way which makes them inherently expensive to service. They just were not designed for a lifetime of use. The SmartChoice™ Gen II iTwin with easy and affordable maintenance solutions, was designed to be a lasting appliance.

All components of the SmartChoice™ Gen II iTwin are easily separated and exchangeable with the factory. You have the option of exchanging the component yourself, or having one of our experienced technicians provide in-home service. With either choice, the exchangeable component program ensures precise results and low cost.



## Smart Design Engineering

The SmartChoice™ Gen II iTwin continues to improve on past designs. Ultra low consumption, maximized salt efficiency and an energy saving display with auto-turn off are all a part of this innovative system. The SmartChoice™ Gen II iTwin is also a Smart Appliance. Advanced electronics provide extensive information about water usage, identifies plumbing leaks and other issues that waste water as well as provide historical information logs on water-usage patterns. Other original features include:



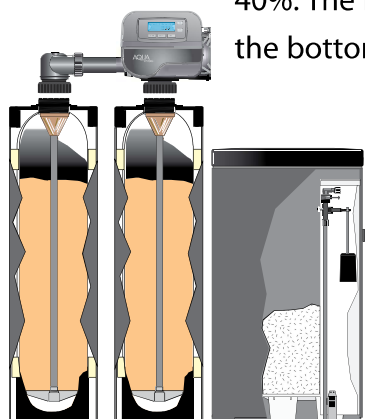
- Exchangeable components to simplify service
- Lithium battery backup
- Low salt alert (optional)
- Failure to use salt alert (w/ low salt option)
- System malfunction alert
- Non-corrosive materials on all parts
- Low voltage/ Low wattage
- Regeneration based on water usage
- Easy, low cost service options
- Only two moving parts
- Delivers soft water 24/7
- Highest efficiency systems available

### A better fit through more choices

The performance of a water softener is dependent on two key functions; a resin bed that cleans the water and precision equipment that cleans the resin. The three most significant elements that differentiate one softener from another are the volume of resin, the type of control valve, and the backwash system. SmartChoice™ Gen II iTwin Water Conditioners are available in different design groups, each targeted to a specific application.

#### Resin Scrubber Vortech™ Design: VT Models

Unlike conventional distributors, the Vortech™ significantly improves the efficiency of the system by reducing backwash rates by at least 30% and reducing pressure loss through the system up to 40%. The innovative design of the bottom plate achieves a

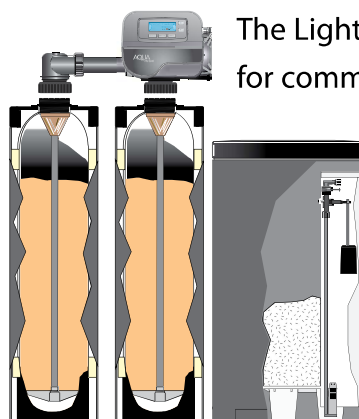


much greater resin cleaning ability coupled with lower water use yet is gentle on the resin, thus extending its service life.

\* Vortech™ tanks are manufactured by ENPRESS LLC

#### Heavy Duty System Design: Light Commercial Models

The two most significant elements that differentiate light commercial softeners are the quality of the components and ease of use (setup and service).



The Light Commercial (LC) is ideal for commercial or large residential applications that require high flow rates. The LC line is suited for water from low to high hardness levels (1-80 grains).

In addition to these design groups, the SmartChoice™ Gen II iTwin can be custom tailored to fit many special needs. The SmartChoice™ Gen II iTwin also includes specialty filters to address specific problem water applications. Be sure to discuss any special circumstances with your Aqua Systems representative in order to ensure the right fit for your application.

Please review the Product Data Sheets for specifications for each SmartChoice™ Gen II iTwin design group.