

Introducing The Future of Water Treatment

SensaPro™

SMARTER SOFTENING. LESS SALT.

Hard Water Produces Scale

Stains or buildup on your sinks and bathtubs, using large amounts of soap to clean dishes or wash your hair, or odd tasting or smelling water, are all results of hard water. If left untreated, the minerals in hard water will cause white stains on plumbing fixtures and be deposited as scale, eventually clogging plumbing and shortening the life of appliances like washing machines, water heaters, and dishwashers.

Key Benefits to the SensaPro™:

- **Eco-Friendly Savings:** Potentially save on salt costs and reduce your environmental footprint with significantly less salt and water usage
- **Convenience and Comfort:** Spend less time and effort buying, transporting, and loading heavy salt bags.
- **Advanced Technology:** Be the first to benefit from a water treatment system that predicts resin depletion with groundbreaking sensor technology.

How the SensaPro™ System Works:

Our SensaPro system uses three advanced sensors to continuously monitor the condition of the resin. By accurately detecting resin depletion, the SensaPro optimizes regeneration cycles, saving salt and maintaining efficiency.

Charger's SensaPro system uses a trio of precision sensors to monitor resin levels, ensuring optimal performance **significantly reducing salt and water usage.**

Why Choose the SensaPro™ SYSTEM?



Potential savings of up to 25% may be achievable, depending on application, incoming water quality, system configuration, and operating conditions. Performance and savings should be validated through testing under representative conditions.



Our Advanced, Sensor-Controlled System

By aligning regeneration with actual resin capacity and changing water conditions, SensaPro can help:

- **Reduce salt consumption** by optimizing regeneration frequency.
- **Minimize regeneration wastewater** by reducing unnecessary regeneration cycles.
- **Improve resin utilization** by responding to actual depletion rather than estimated capacity.
- **Adapt to changing water chemistry** as incoming hardness levels fluctuate.
- **Reduce unnecessary valve cycling** to help extend the service life of control valve components.
- **Improve overall system efficiency** through intelligent, demand-based operation.

The result is a more intelligent water softening system that continuously adapts to real-world conditions, optimizes regeneration, and helps reduce operating costs.

Resin Sensors

The Resin Sensor will calculate the **ACTUAL** volume capacity for the most efficient operation.



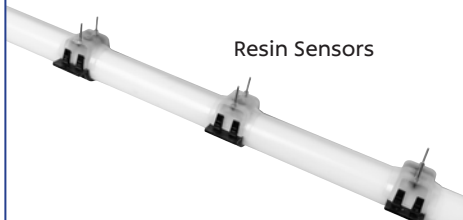
SensaPro™ - 1" Series

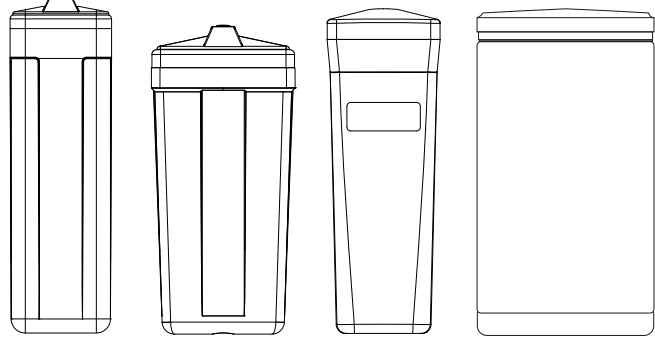
Water Softening Systems



Delivering Cleaner, Healthier
Water Across America

www.chargerwater.com

Single Tank Model	Model #	Grains Capacity 9 lbs/ cu ft	Grains Capacity 15 lbs/ cu ft	Mineral Tank	SVC (Service) Flow Rate	Backwash Rate	Twin Tank Model
	Single Tank Model with 1" Standard Distributor and Brine Tank						
	CZAS-48R-1	36,000	45,000	10 x 54	7.5 gpm	2.7 gpm	
	Twin Tank Model with 1" Standard Distributor and Brine Tank						
	CZATS-48R-1	36,000	45,000	10 x 54	7.5 gpm	2.7 gpm	
ZA Valve CLOCK NEXT ▲ ▼ REGEN			Resin Sensors 				

	DOME HOLE MINERAL TANK AVAILABLE COLORS: Black, Natural, Almond, Blue, Platinum <i>Mineral tank jackets are available upon request.</i> <i>Optional outdoor weather covers.</i>
	BRINE TANK AVAILABLE COLORS: Black, Almond, Blue, Platinum
	BRINE TANK AVAILABLE SIZES: Square/Rectangular: 11x11, 15x17, 15x15 Round: 18x33, 18x36, 18x40

SensaPro Valve Benefits

- Backlit screen for easy troubleshooting
 - Blue=Normal, Yellow=Programming Mode or Salt Alarm, Red=Major Error
- Allows for downflow and upflow (not field changeable)
- Displays are in English or Spanish
- Up to three relay options
- Ability to add Dealer names and contact information on screen
- Battery time back up (keeps clock accurate in power outage)
- Learn one set of programming: one board is used for 1", 1.25", 1.5"

SensaPro - 1" Series Valve Specifications

Inlet/Outlet (1) 3/4" to 1.5" NPS Adapter
 Cycles up to 5
 Valve Material Fiber Reinforced Composite
 Regeneration Downflow/Upflow
Operating Pressures
 Minimum/Maximum 20 psi - 125 psi
Operating Temperatures
 Minimum/Maximum 40° - 110°F

Brine tank performance insurance
 All Charger water softeners may be ordered with optional salt grid which helps to prevent salt bridging.

