

## C40 Twin Water Softeners

# High-Capacity 24/7 Softening for Demanding Applications

- Peak flow rates up to 28 gpm
- Up to 210,000 grains capacity per tank
- Full-capacity utilization for maximum system efficiency
- Advanced electronic control with diagnostics and water-use history
- Commercial-grade construction with corrosion-resistant tanks and components



The A. O. Smith C40 Series Twin Water Softeners delivers uninterrupted soft water for commercial and light-industrial applications where uptime matters. With an alternating twin-tank design, one tank is always online while the other regenerates, ensuring a continuous supply of conditioned water 24/7.

Designed for long-term performance, the C40 Series features a precision-machined piston valve, corrosion-resistant materials, and advanced electronics to deliver reliable operation even in the most challenging environments.

### Features

- **Continuous soft water**, 24 hours/day, alternating twin-tank system
- **Advanced diagnostics**, including GPM usage and 90-day water-use history
- **Treated water regeneration** for increased salt and water efficiency
- **High-capacity commercial-grade resin**
- **Fully programmable regeneration cycles** (up to 9)
- **Fiberglass-reinforced mineral tanks** for superior corrosion resistance
- **Durable, corrosion-resistant brine tanks**
- **Automatic timed brine refill** with pressure-compensating flow control
- **1-28 day override setting**

### Options

- Oversized brine tanks
- Salt grids

# C40 Twin Water Softener – System Components & Performance

## Controller



A. O. Smith's advanced commercial controller features a color display with real time operational data, including flow rate, tank status, and regeneration details. Built-in relays can be used to signal external equipment, and an onboard battery backup protects stored settings.

## Control Valve



A durable, fiber-reinforced polymer valve body, paired with a single-piston design, ensures consistent operation and a long service life. Tight tolerances and precision machining support optimal performance in demanding environments.

## Softening Media



The C40 Series utilizes high-capacity sulfonated polystyrene resin for reliable performance across a wide range of hardness conditions.



Shown: Select applications.

The C40 Series supports a broad range of commercial uses.

Explore all applications at [aosmith.com/commercialwatertreatment](https://aosmith.com/commercialwatertreatment)



**Note:** This product is not certified as a microbiological purifier and should not be applied as a stand-alone disinfection solution for micro-biologically unsafe water.

