



C40 Series Twin Water Softeners

- > Up to 28 gpm peak flow
- > Capacities to 210,000 grains per tank
- > Pipe fittings from 1" to 1 1/4", optional from 3/4" to 1 1/2"
- > Continuous supply of soft water
- > Up to 21" tank sizes



Standard C40 Series 1" unit



MARKETS

24-Hour Laundry Use
Assisted Nursing Facilities
Boiler Feeds
Cafeterias/Food Service
Convenience Stores
Light Industrial Applications
Power Washer Applications
Residential
Restaurants
Reverse Osmosis Feed
Vehicle Wash



FEATURES

- > Continuous soft water 24 hours/day – one unit in service and the other unit in stand-by
- > Advanced history and diagnostic screens
- > Treated water regeneration
- > High-capacity virgin polystyrene resin
- > Fully programmable regeneration cycle sequence (maximum of 9)
- > Corrosion-resistant mineral tanks made from fiberglass-reinforced polyester
- > Corrosion-resistant brine tanks
- > Automatic timed brine refill with pressure compensating flow control for easy adjustment
- > Days override feature; 1-28 days

OPTIONAL FEATURES

- > Larger brine tanks
- > Salt grids



C40 SERIES

The CustomCare® C40 Series twin water softeners provide uninterrupted conditioned water, available 24 hours a day, seven days a week.

When one tank becomes exhausted, the system automatically switches to the system's reserve tank. An added benefit of the system's flexibility is that both tanks can utilize 100% of their capacity. This eliminates the waste of unused capacity, an occurrence routinely experienced when single tank systems are used.

The valve achieves optimum performance using a single piston and corrosion-resistant spacers and seals. This piston design offers long-term operation with minimal maintenance. Tight tolerances and precision machining optimize performance, even in challenging environments.

Controller



The CustomCare advanced electronics are some of the most advanced in the industry. The colored front panel display indicates time, gallons per minute, and tank in service, all at a quick glance. Diagnostic screens display total gallons used (totalizer) and gallons used

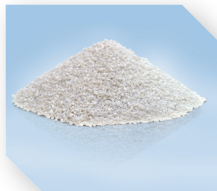
per day for the last 90 days. All regeneration sequences are adjustable so more efficiencies in water and salt usage can be achieved.

The controller includes relays which may be utilized to signal chemical feed pumps or external devices which may be open or closed upon signaling. A battery backup ensures that the stored information will not be lost.

Softening Medias

The C40 Series twin softener uses a high capacity sulfonated polystyrene media (resin) capable of handling common hard water conditions in the simplest and most challenging conditions.

The C48 Series twin unit utilizes Crystal-Right™ media for iron, manganese, and pH correction. Crystal-Right is produced exclusively by Mineral-Right®. Please consult factory for more information.

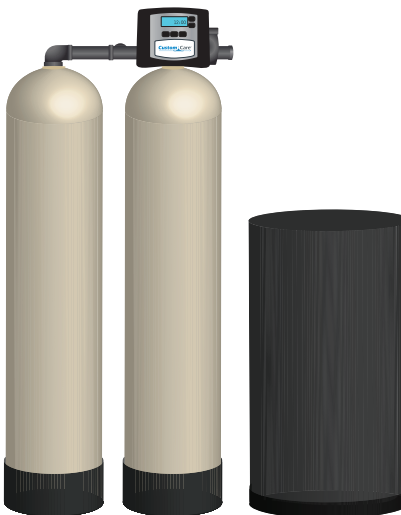


Control Valve



The C40 Series system controller features a fiber-reinforced polymer valve body for strength and durability. The twin tank design ensures 24-hour soft water and features advance diagnostics for ease of service.

The C40 has convenient diagnostic features such as gallons per minute usage, gallons used per day for each tank, and a convenient low salt alarm that indicates when the system is running low on salt. With additional relays, other devices such as chemical feed pumps or external valves, may be open or closed upon signaling.



Typical C40 system shown with 1" controller and standard bypass.

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.

SOFTENERS

C40 Series Twin Water Softeners

Your local water treatment professional: