

C63 Series Anion Exchange Systems

Customizable Anion Exchange Solutions for Demanding Applications

- Peak flow rates up to 160 gpm
- Piping sizes from 1" to 3"
- Tank diameters up to 48"
- Scalable single to multi-tank configurations



The A. O. Smith C63 Series delivers customizable anion exchange treatment for commercial and industrial water applications. Available in scalable single through multi-tank configurations, the platform can be configured to address a variety of treatment objectives while providing reliable, long-term performance.

Features

Configurable media options to support alkalinity reduction and application-specific treatment requirements

Flexible system configurations support single through multi-unit designs

Advanced controls provide system visibility

Five-cycle regeneration valve controlling backwash, brine draw and slow rinse, fast rinse, brine refill, and service

Durable fiberglass-reinforced mineral tanks resist corrosion for long-term reliability

Top-mounted valve design allows easier access for servicing and maintenance

NSF-certified components ensure trusted material quality and system integrity

Options

- Progressive flow
- ASME-rated vessels (18" and larger)
- Separate source backwash
- Multiple valve sizes

C63 Anion Exchange – System Components & Performance

Controller



System Monitoring & Visibility

- Advanced controls provide real-time system visibility
- Integrated diagnostics and live status display
- 90-day water usage history, peak flow tracking, and totalizer data support performance insights

Control & Performance Optimization

- Fully adjustable regeneration cycles enable optimized system operation
- Progressive flow management supports efficient multi-tank operation (up to four tanks)
- Engineered to maintain consistent performance under varying demand

Control Valve



System Integration & Flexibility

- Integrated control outputs support system configuration and external component integration
- Designed for scalable multi-unit deployment

Durability & Operational Reliability

- Valve construction optimized by size:
 - 1"-1.25": corrosion-resistant Noryl®
 - 1.5"-3": lead-free brass
- Stainless steel meters provide accurate flow measurement and durability
- Battery backup preserves time settings and system data during power interruptions



Anion Exchange Media

The C63 Series supports a variety of anion exchange media configurations tailored to specific water treatment objectives. System designs can be customized to address alkalinity reduction and other application-specific treatment requirements while delivering reliable performance in commercial and light industrial environments.

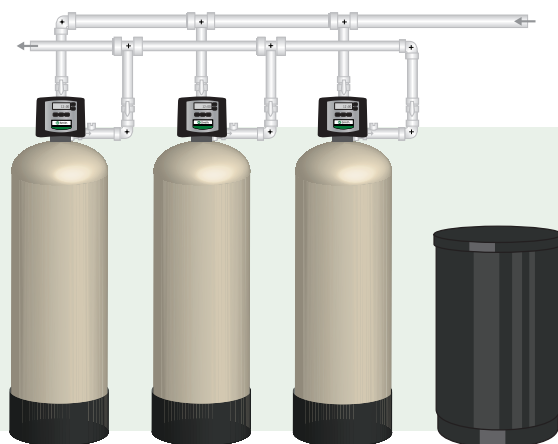
Operating Limits

30-100 psi • 40-100°F



Shown: Select applications.

Explore additional applications at aosmith.com/commercialwatertreatment



Note: This system is not intended for the treatment of microbiologically unsafe water without adequate disinfection.

