

Protect Patients. Simplify Compliance. Elevate Water Safety.

AquaGuard MC™ Intelligent Water Safety Program



**Elevated
Water Safety**



**Enhanced
Compliance**



**Safe & Reliable
Operations**



**Cost Efficiency &
Sustainability**



NSF/ANSI 61
Components



EPA Approved
Chlorine Sensors



AQUAGUARD MC™ : PREDICTABLE PERFORMANCE. PREDICTABLE COSTS.



Intelligent Treatment Platform

Advanced PLC control and precision stepper pump dosing maintain consistent disinfectant residuals as water conditions change.



Continuous Performance Validation

Live monochloramine, free chlorine, and total chlorine monitoring with lab & onsite expert validation ensure reliable treatment results.



Water-Saving Innovation

Eliminates analyzer water discharge while reducing unnecessary flushing to save water.



Safer Operations

Enclosed chemical delivery, dedicated precursor pumps, and expert support reduce chemical handling risks for facility staff.



Optimized Treatment Scheduling

Allows more frequent system runs for more consistent monochloramine while remaining within EPA operating limits.



24/7 Compliance Confidence

Remote monitoring, automatic documentation, routine service reports, lab validation, and Apex expert supports keep water systems protected around the clock.

WHY SECONDARY DISINFECTION?



Aging Plumbing Systems

Disinfectant residuals diminish throughout large and complex building water systems



Biofilm & Legionella

Biofilms shield Legionella and other waterborne pathogens from traditional disinfectants.



Regulatory Requirements

Growing expectations to meet ASHRAE 188, AAMI ST108, CMS, and accreditation standards.



Staff & Patient Safety

Manual chemical handling and inconsistent dosing increase operational risk

WHY MONOCHLORAMINE?

Traditional Chlorine

VS

Apex AquaGuard MC™



Short residual

Long-lasting residual



Limited biofilm penetration

Better biofilm penetration



Higher DBP formation

Lower THMs & HAAs



Frequent adjustment

Stable residual



Variable protection

Continuous secondary disinfection

Partner with Confidence.

ONE PARTNER. COMPLETE WATER SAFETY.

AquaGuard MC™ combines intelligent treatment technology, continuous monitoring, automatic documentation, laboratory validation, and nationwide field support into a fully managed healthcare water safety program, helping healthcare and mission critical facilities reduce Legionella risk, strengthen water management programs, and confidently meet evolving regulatory and accreditation expectations.

From site assessment to ongoing water system services & optimization, Apex is with you every step of the way.



APEX ADVANTAGES

- ✓ **50+ years** protecting healthcare water systems
- ✓ **350+** hospitals and surgery centers supported
- ✓ **Certified** healthcare water safety specialists
- ✓ **ISO 17025** accredited microbiology laboratory
- ✓ **24/7** remote monitoring and nationwide field service
- ✓ **One partner** for total water treatment and safety



"Our Apex representative is always available to answer questions, train our staff, and proactively support our water safety program."



Associate Manager
Regional Medical Center



"Their attention to detail, innovative solutions, and commitment to quality make Apex an invaluable partner."



Facilities Supervisor
Regional Hospital

WHAT MAKES AQUAGUARD MC™ DIFFERENT?

- No upfront capital. Predictable costs.
- Fully integrated water safety program
- Intelligent onsite monochloramine generation
- Precision dosing and automated controls
- Remote system monitoring
- Digital documentation & reporting
- Laboratory validation
- Field service and expert support

SCHEDULE A FREE ASSESSMENT

Our Apex specialists can help evaluate your building water system, assess your secondary disinfection strategies, and support your Water Management Program.



Learn more



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