



IXOM
WATERCARE



**Distribution
Network**

Lakes and
Source Water
Reservoirs

Water
Treatment

Distribution
Network

Wastewater
Collections
& Treatment

Stormwater
& Reuse

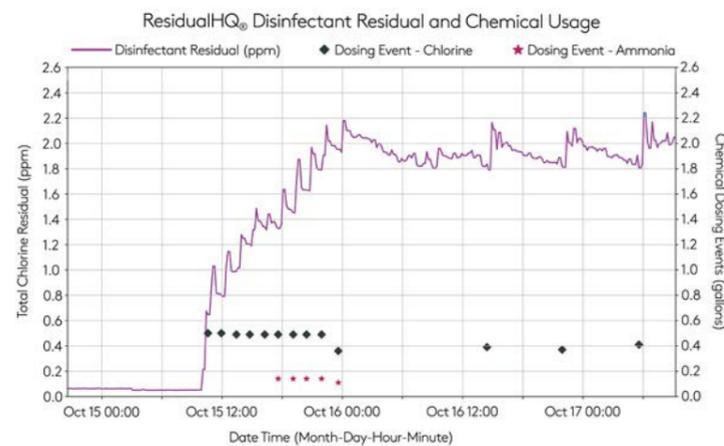
Smart residual management in distribution made easy.

The ResidualHQ[®] is built with components certified to **NSF/ANSI Standard 61** and **NSF/ANSI Standard 372**.

Process and cost benefits can be realized throughout your distribution system and even all the way back to the plant!

The concept of maintaining proper disinfectant residuals is simple enough but the reality just isn't always that easy. The water quality in your distribution system is constantly changing and constantly on the move. The residual is up... now it's down... hotspots here... no spots there... just like a game of disinfectant "whack-a-mole".

What if you could turn parts of your distribution into 24-hour monitoring stations with real-time disinfectant action capability?



ResidualHQ[®] Disinfectant Control Systems

Control disinfectant residuals in distribution with confidence.

Monitor. Respond. Verify.

For Chlorine And Chloramine Applications.

The ResidualHQ[®] is a total disinfectant residual management solution incorporating powerful mixing, residual monitoring, and disinfectant delivery into a convenient & user-friendly work station with tiered access security. This gives the User the ability to set the response how they want, when they want, from wherever they want.

The ResidualHQ[®] can be configured for use anywhere in your distribution system including in the tank or along the pipe!

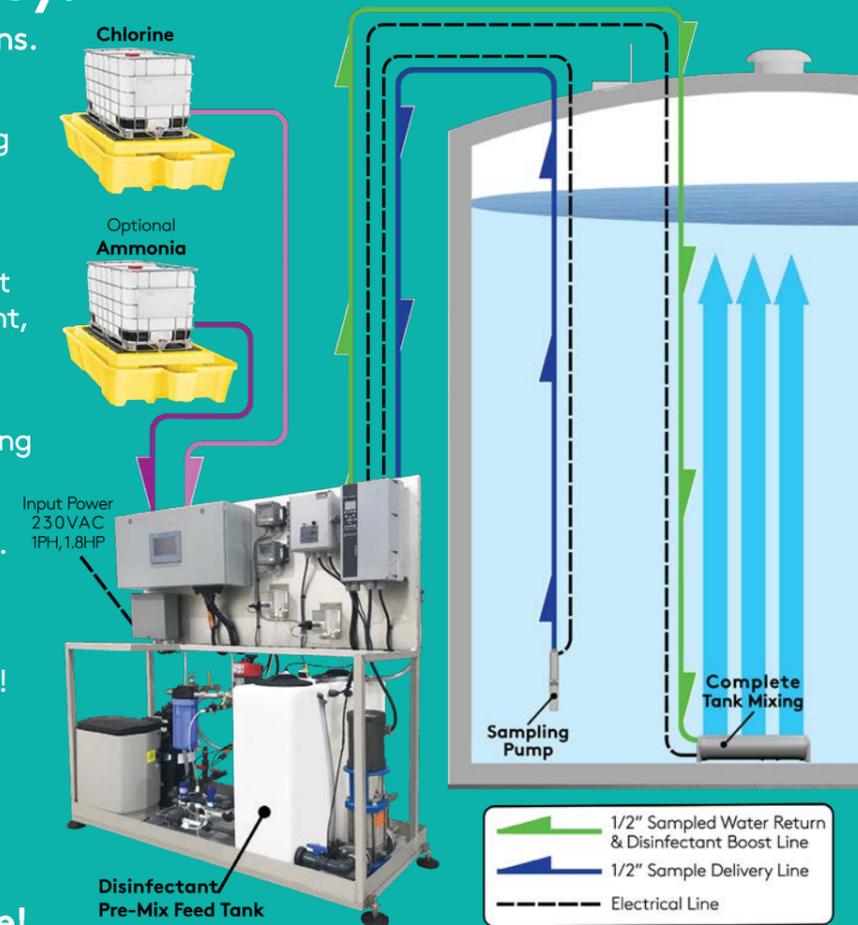
- Fully manual to fully automatic operation.
- No chemical metering or transfer pumps.
- Reagentless disinfectant residual sensors.
- Constant monitoring & flushing, no waste!
- Minimized moving parts.
- Utilizes soft water for disinfectant feed.
- Industry-first proportioning Pre-Mix Tank.

Building & trailer options available!

The ResidualHQ[®] tracks & trends disinfectant residual trends over time and incorporates highly adjustable & configurable parameters such as...

- Action thresholds.
- Response types (chlorine vs. chloramine).
- Feed concentrations and ratios.
- Plus more!

Better yet? System data are logged, displayed, and directly SCADA accessible.



Maintenance made easy.

The ResidualHQ[®] is designed for easy maintenance and minimized calibration. It's just a simple matter of a very quick...

- General system inspection.
- Level check for softener salt.
- Level check for disinfectant bulk tank(s).
- Disinfectant monitor sensor calibration.

Any maintenance (if ever needed) can easily be done with everyday hand tools.

Active mixing improves water quality in distribution tanks.

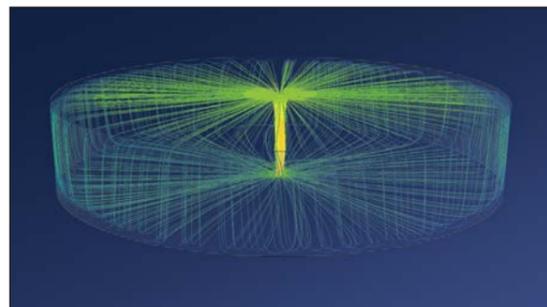
IXOM potable mixing equipment are certified to
NSF/ANSI Standard 61
NSF/ANSI Standard 372

Performance guaranteed for any size tank or clearwell.

A consistent, effective, and reliable active mixing strategy can help solve many water quality issues experienced in distribution water storage tanks.

And the benefits can be immediate!

- Prevents stagnation, thermal stratification and short-circuiting.
- Ensures equal distribution of disinfectant residual.
- Provides uniform water age.
- Increases contact time (baffle factor) in clearwells.
- Reduces nitrification in chloraminated systems.
- Reduces ice buildup & tank damage in cold climates.



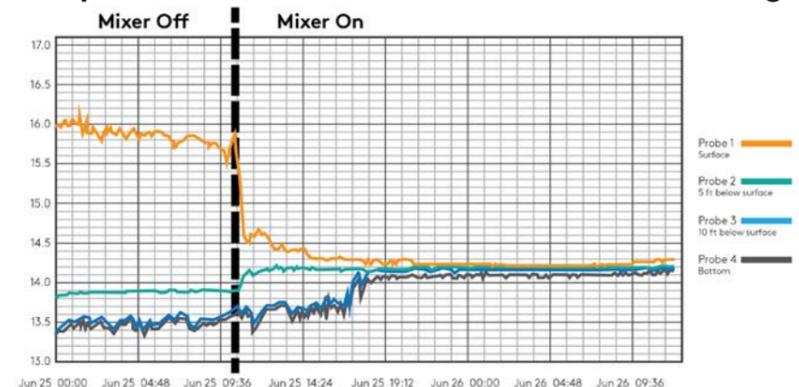
GridBee® GS Series in an 8 million gallon reservoir.

Proven results in over 3,000 tanks!

Industry-leading GridBee® and SolarBee® mixing technologies are a “best on the market” mixing solution for potable water storage tanks of all shapes, sizes (including mega reservoirs 100 MG+) and flow characteristics.

Anywhere active mixing is needed, IXOM Watercare can help.

Temperature stratification before & after mixing.



GridBee® GS Series Electric Submersible Tank Mixers

Industry-leading mixing is easy to install and easy on your budget.



GS Series Mixers

- are designed for quiet operation.
- utilize efficient sheet mixing technology.
- have liquid disinfectant boosting port(s) for chlorine and ammonia.
- have SCADA control panels available.
- are NSF/ANSI 61 and NSF/ANSI 372 certified.
- come with a 5-year warranty.



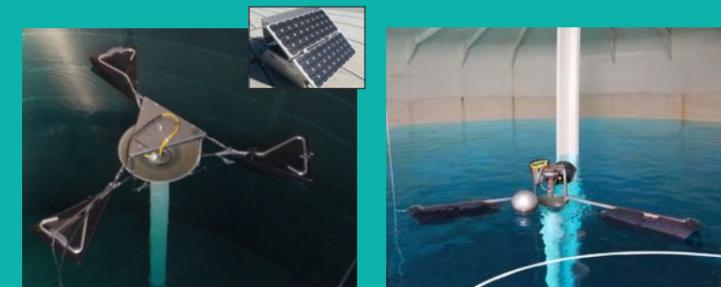
Deployment is easy...

- Any tank size.
- Any tank build.
- No tank entry required.
- No need to drain the tank.
- No need to take the tank offline.
- Can be deployed flat on the floor or suspended over slopes and curves.

Access the GS Series 11-Minute Training Video at www.ixomwatercare.com/gs-training

SolarBee® SB Series Floating Tank Mixers

Solar-power and grid-power options available.



SB Series Mixers

- can be configured to operate 24/7 on solar power, grid power, or solar with grid backup.
- are constructed of T316 stainless steel with foam filled high-density polyethylene (HDPE) floats and thermoplastic intake hoses.
- have liquid disinfectant boosting port(s) for chlorine and ammonia.
- come with SCADA outputs with wireless options available.
- have a 25-year design life.
- are certified to NSF/ANSI 61 and NSF/ANSI 372 standards.



Solve your THM problems with active spray aeration.

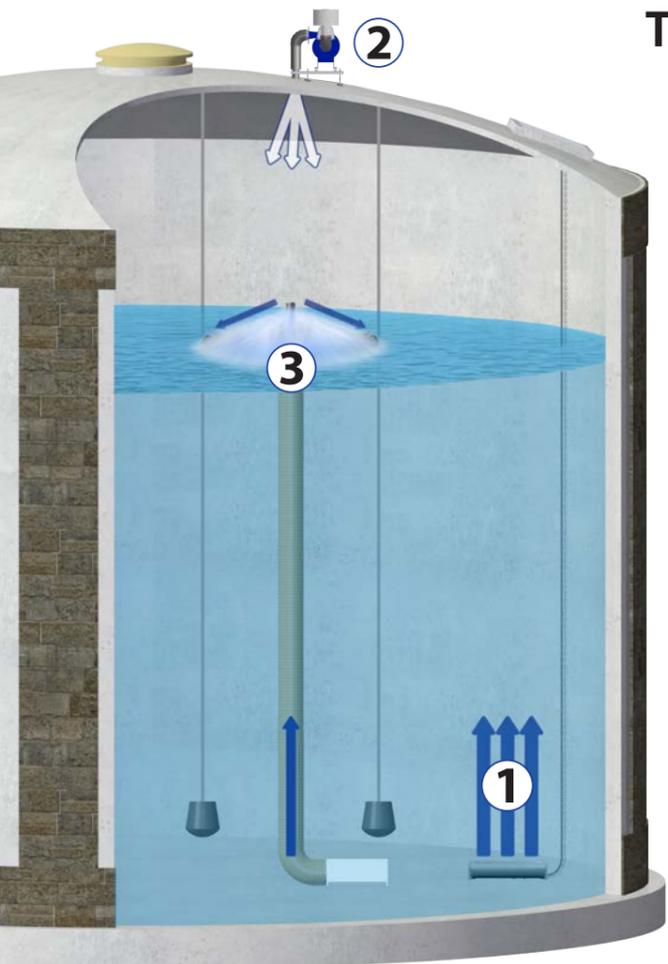
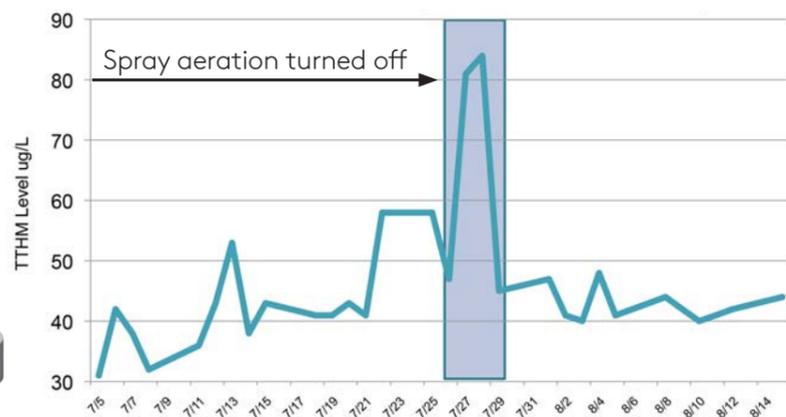


IXOM potable spray aeration equipment are certified to NSF/ANSI Standard 61 NSF/ANSI Standard 372

The 1-2-3s of Active THM Removal

1. Active Mixing
featuring GS Series and SB Series Mixers
2. Active Ventilation
featuring F Series Blowers
3. Active Spray Aeration
featuring SN Series Spray Aerators

TTHM Measurements Immediately Downstream of an SN Series In-Tank Spray Aeration System.



GridBee® SN Series THM/VOC Removal Systems

In-Tank or In-Line. Energy Efficient. Performance Guaranteed.

GridBee® SN Series Spray Aeration Systems are an industry-leading solution with proven results and guaranteed performance. The SN Series can be designed to meet the needs of any size reservoir or water system. ***Both in-tank and in-line skid systems are available!***

In-Tank Spray Aeration Systems



- Creates powerful spray aeration and complete water column mixing.
- Scalable for any size tank, any flow rate and any removal percentage.
- No major infrastructure changes required.
- Install without taking the tank or clearwell out of service.
- Only 24 inches of head space required.
- Portable. Can be moved and reinstalled to adapt to system demand.
- Designed for long life, clog-free operation and minimal maintenance.
- Only one 24-inch or larger tank hatch or opening required for installation.
- Factory placement is available.

In-Line Spray Aeration Systems



- Can be customized for virtually any gallons per minute, gallons per day or THM removal requirement.
- Easy to service by city personnel.
- Designed to never impede flow in either direction through the mainline pipe. (Very important for fire protection or in the event of a power outage)
- No checkvalves that can malfunction and affect flow through the mainline.

Headspace Ventilation Blowers



Tank-Mounted and Ground-Mounted options available. Can be sized from 750 to 10000 CFM.

Flange-Mounted Blowers

- Easily integrates with tanks of all sizes & configurations.
- Compact and powerful.
- Filtered intake.

Pad-Mounted Blowers



- 316 stainless steel construction.
- Double-bearing fan design for increased motor life.
- Superior motor cooling.
- Filtered intake.

IXOM

WATERCARE

Nationwide Installation & Service

EVERYONE DESERVES GREAT CUSTOMER SUPPORT

IXOM Watercare earns customer trust with unparalleled service start to finish. Every department in IXOM is dedicated to the support of our Customers and the improvement of water quality. Complete life cycle support is much, much more than a returned phone call or an email. It centers around direct access and communication to those who can help when help is needed from the beginning of a project throughout the life of the equipment.



ABOUT IXOM

IXOM combines innovative water quality solutions with top notch manufacturing and nationwide in-field service capabilities to create trusted, full circle support our Customers depend on.

We design and manufacture many trusted brands including GridBee®, SolarBee®, MIEX®, and ResidualHQ® for use across the water quality spectrum. This includes solutions for Water Treatment, Distribution Treatment, Wastewater Treatment and Lakes & Source Water Reservoirs.

IXOM has thousands of installations and is an industry-leader solving water quality problems across the United States, Canada and the world.

Contact us today to discuss your water quality challenges.

ixomwatercare.com

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