



Sanitization
Alternatives

Beyond Traditional Chlorine

BET ON BETTER.



THREE SUPERIOR ALTERNATIVES TO TRICHLOR SANITIZATION.

Rising costs and reduced supplies of Trichlor have caused pool pros and owners alike to seek other sanitization options. Fortunately, Hayward offers multiple convenient solutions that improve water quality.

1. WITH AQUARITE® S3 OMNI®, LESS IS BETTER.



REQUIRES 1/3* THE SALT OF INTELLICHLOR®.

AquaRite S3 Omni Salt Sanitization Systems generate a long-lasting supply of chlorine and operate at industry-lowest salt concentration (as low as 800 ppm). That means less salt to operate, less hassle to maintain and zero worry about burning eyes or itchy skin.



AUTOMATICALLY
CONVERTS SALT INTO
CHLORINE



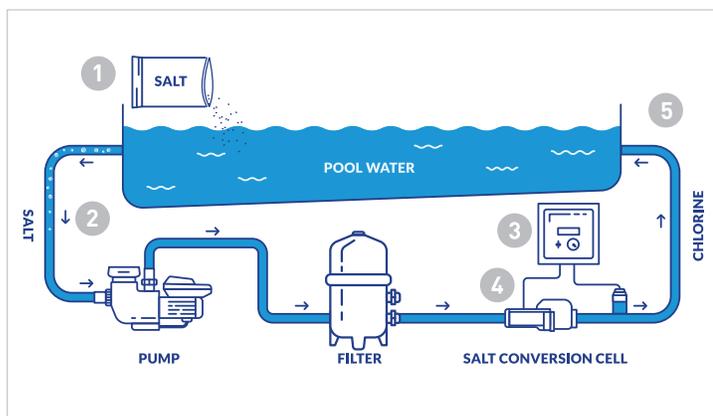
CUTS CHLORINE
COSTS



CREATES SOFTER,
SILKIER WATER



WON'T IRRITATE
EYES AND SKIN



HOW HAYWARD SALT SYSTEMS WORK

- 1 Pool salt (NaCl) is added to the water
- 2 Water dissolves salt into teardrop-level salinity
- 3 Chlorinator adjusts chlorine production for perfect balance
- 4 Salt conversion cell turns salt into chlorine gas (Cl_2)
- 5 Chlorine gas (Cl_2) reacts with pool water to form a sanitizing compound (HOCl)

TURBOCELL® S3 SALT CHLORINATION CELL

- » Clear design shows bubble formation during chlorine generation
- » Allows quick calcium buildup inspection without removing cell
- » For use with AquaRite S3 systems





2. HYDRAPURE® PROTECTS BETTER

SUPERIOR AOP 3-IN-1 SANITIZATION.

HydraPure UV & Ozone AOP Sanitization Systems create a safer swim experience and defend the entire pool, destroying 99.9%** of chlorine-resistant viruses and bacteria. And while HydraPure does not replace your chlorination system, it significantly reduces chlorine consumption while fortifying your pool's defenses against potentially harmful pathogens.



3-IN-1 AOP
SANITIZATION



CUTS CHLORINE
DEMAND



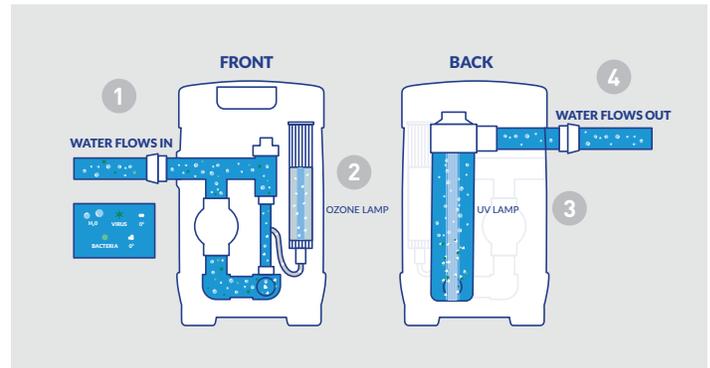
FOR HIGH & LOW
FLOW RATES



WON'T IRRITATE
EYES AND SKIN

HOW HYDRAPURE WORKS

- 1 **Pool water** enters, along with chlorine-resistant pathogens
- 2 **Ozone lamp** converts oxygen (O_2) to ozone (O_3) and provides initial sanitization
- 3 **UV lamp** sanitizes water and converts ozone to hydroxyl radicals ($\cdot OH$)
- 4 **Sanitized water** leaves unit and re-enters pool



NOTE: HydraPure requires a small amount of chlorine for residual water sanitization.

3. BETTER TOGETHER: AQUARITE S3 + HYDRAPURE

For the ultimate sanitization alternative, pair the simplicity of AquaRite S3 with the power of HydraPure.



FIND YOUR SOLUTION AT
HAYWARD.COM/SANITIZATION

SEE HYDRAPURE FOR YOURSELF
Point your smartphone camera at
the code to watch a video.



*Claim based on AquaRite S3 salt concentration range of 0–100% (+1%); 800–8000 ppm.
**Destroys 99.9% of chlorine-resistant microorganisms up to 80 GPM, with a reduced level above 80 GPM.

SANITIZATION OPTIONS

OPTION	SOLUTION	pH	POTIENCY
BEST	AquaRite® Salt Chlorination System with HydraPure® UV & Ozone AOP System	8.0+*	100%
	AquaRite Salt Chlorination System	8.0+*	100%
BETTER	HydraPure UV & Ozone AOP System with a form of Liquid/Tablet/Granular Chlorine (Sodium Hypochlorite, Calcium Hypochlorite, Sodium Dichloro-S-Triazinetrione or Trichlor)	3-13	73-90%
	Liquid Chlorine/Bleach (Sodium Hypochlorite)	13	12.5%
GOOD	Tablet Chlorine (Calcium Hypochlorite)	11.7	65-73%
	Granular Chlorine (Sodium Dichloro-S-Triazinetrione)	7	56-62%
	Tablet Chlorine (Trichlor)	3	90%

CONSIDERATIONS

HydraPure UV & Ozone AOP System	<ul style="list-style-type: none"> » Most potent option against chlorine-resistant algae, bacteria & viruses » Reduces amount of chlorine needed
AquaRite Salt Chlorination	<ul style="list-style-type: none"> » Continuous chlorine generation from low-level salt addition lowers risk of algae outbreak » Increases water pH over time; requires continual pH monitoring
Sodium Hypochlorite (Bleach)	<ul style="list-style-type: none"> » Liquid form prone to spills & splashes » Water pH & Total Dissolved Solids (TDS) rise over time; cyanuric acid sold separately
Calcium Hypochlorite	<ul style="list-style-type: none"> » Tablet form dissolves slower than granule form; cyanuric acid sold separately » Will alter water pH & hardness over time (0.8 ppm calcium added per 1 ppm chlorine)
Sodium Dichloro-S-Triazinetrione	<ul style="list-style-type: none"> » Sodium-based granular form dissolves quickly in water » Will not raise water pH or calcium levels (0.9 ppm cyanuric acid per 1 ppm chlorine)
Trichlor	<ul style="list-style-type: none"> » Slow-dissolve tablet form prone to product scarcity » Contains cyanuric acid (chlorine stabilizer)

PARTS AND ACCESSORIES

MODEL	DESCRIPTION	MODEL	DESCRIPTION
004952001000	HydraPure UV & Ozone AOP System, Corded, 120V	TCELLS315	TurboCell S3 Salt Cell 15,000 gal.
004952002000	HydraPure UV & Ozone AOP System, Hardwired, 120/240V	TCELLS318	TurboCell S3 Salt Cell 18,000 gal.
AQRS315	AquaRite S3 Salt Chlorination System, 15,000 gal.	TCELLS325	TurboCell S3 Salt Cell 25,000 gal.
AQRS325	AquaRite S3 Salt Chlorination System, 25,000 gal.	TCELLS340	TurboCell S3 Salt Cell 40,000 gal.
AQRS340	AquaRite S3 Salt Chlorination System, 40,000 gal.	TCELLS340X25	TurboCell S3 Salt Cell 40,000 gal., 25-ft cord
AQRS3250MNI	AquaRite S3 Omni® Salt Chlorination System, 25,000 gal.		
AQRS3400MNI	AquaRite S3 Omni Salt Chlorination System, 40,000 gal.		

*pH will increase over time if not properly maintained.

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