



HAYWARD[®]
COMMERCIAL AQUATICS

HydroRite UVO₃[®]

UV OZONE ADVANCED WATER
TREATMENT SYSTEM





EVERY GUEST DESERVES VIP TREATMENT.

Eliminate 99.9% of bacteria* with the HydroRite UVO₃[®] UV Ozone advanced water treatment system.

By combining three powerful disinfectants, HydroRite UVO₃ sets a new standard of water quality for the commercial pool market.

- » Combines UV, ozone and advanced oxidants to inactivate more than 99.9% of harmful chlorine-resistant microorganisms*
- » Reduces irritating chloramines by 50% or more, improving indoor air quality and enhancing swimmer experience
- » Reduces overall chemical usage by 50% or more, cutting operating costs and extending the life of salt chlorination cells
- » Makes installation easy with a compact, single-vessel design and simple controller
- » NSF/ANSI Standard 50 certified

WHY YOU NEED SUPPLEMENTARY SANITIZATION

Due to higher levels of bacteria caused by heavy bather loads, the CDC's Model Aquatic Health Code (MAHC) highly recommends the use of UV or ozone as a supplementary disinfectant in every commercial pool. Adding HydroRite UVO₃ to your sanitization system is an easy way to stay on the cutting edge of safety while complying with industry best practices.

*Enterococcus faecium and Pseudomonas aeruginosa

Top access to internals simplifies maintenance

Industrial-grade engineered thermoplastic housing provides rugged protection against the elements

Multiple inlet/outlet configurations with 2" union connections

UV bulbs are easily accessible for inspection and replacement

Stainless steel internal vessel offers an added layer of reliability

Easy vertical in-line installation

Ozone transfer/injection tube

Convenient drain plug



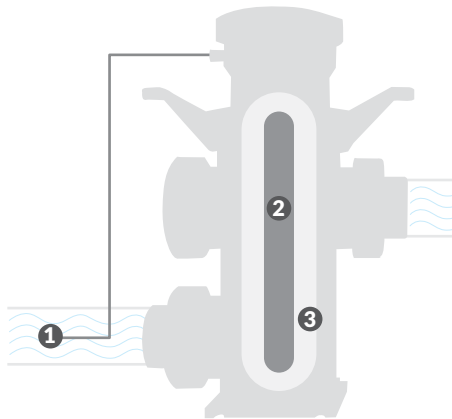
Clear LED readout shows UV output and flow warning indicators

9.5' control cable from controller to vessel offers installation flexibility

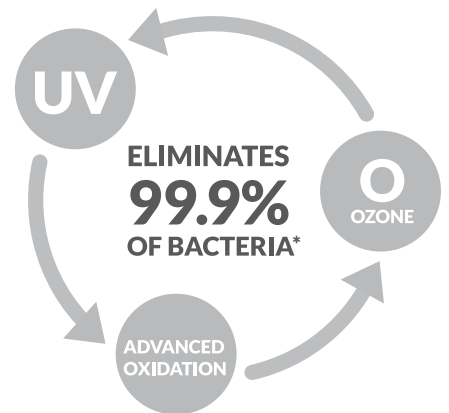
Energy-efficient power supply draws less than 9 amps



THE SCIENCE BEHIND THE TECHNOLOGY



- 1** **Ozone** is injected into the pool water just before it enters the main vessel, oxidizing any organics.
- 2** The ozone-treated water is exposed to **ultraviolet rays** that inactivate algae, bacteria and viruses.
- 3** The germicidal UV interacts with the ozone to create hydroxyl free radicals (which have more oxidation potential than ozone) in a process known as **Advanced Oxidation Process (AOP)**.



TRY IT WITH

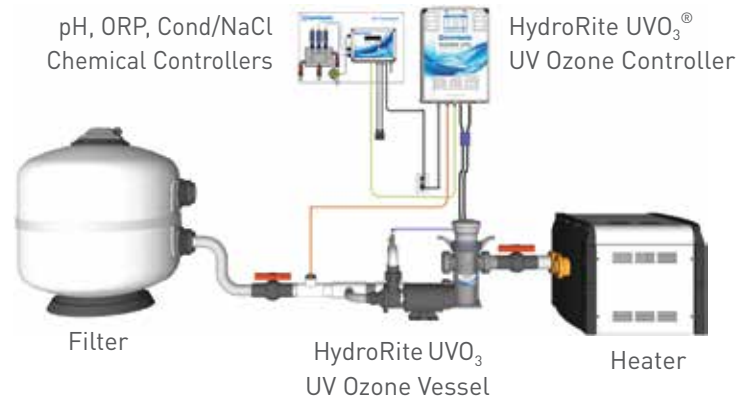


Pair your HydroRite UVO₃ system with a **Saline C® Series** salt chlorine generator and give your guests the safest, softest water they've ever experienced. Add a **CAT Controller®** for superior pH/ORP/TDS management that'll keep your chemistry perfectly balanced.

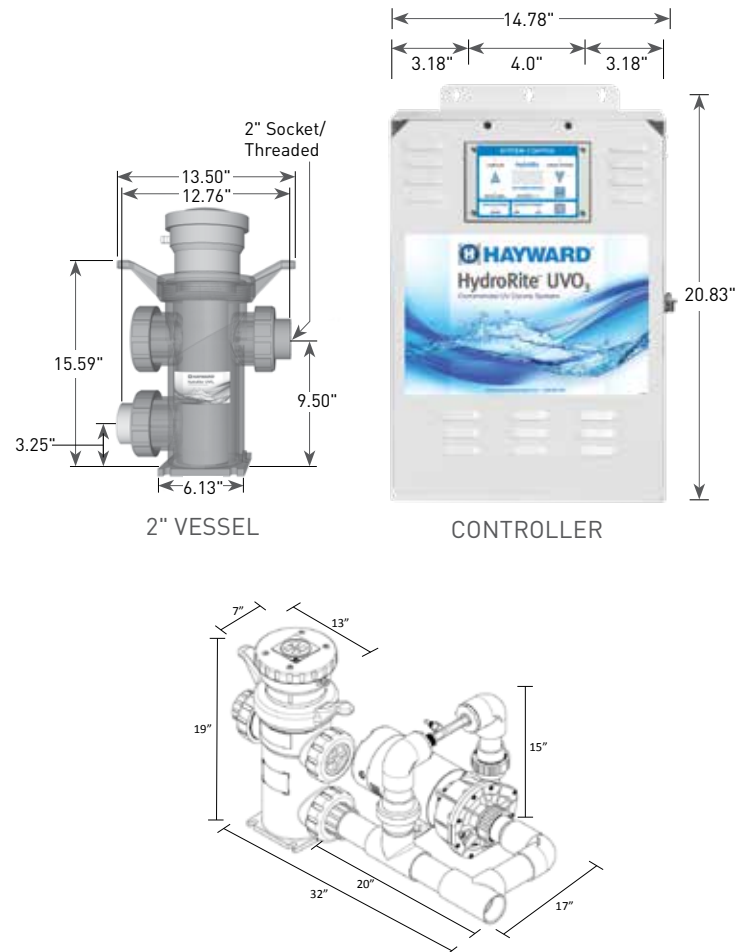
TECHNICAL SPECIFICATIONS

2" COMMERCIAL SYSTEM	HYR2CSC-UVO
Certifications	NSF50 UL 1081/1563 CSA C22.2
Electrical Enclosure Dimensions	22.365" H x 14.28" W x 5.25" D
Vessel Dimensions	6" Column Diameter H x 13½" W x 18.75" H
Housing Inlet/Outlet	2" Union inlet/outlet
Reaction Chamber Style	Clear plastic
Power Input	120VAC, 60Hz, 2.5 amps
Booster Pump	1HP, Single Phase, 13.8 amps (J-Box converts to 120V, 60Hz, 13.8 amps)
Flow Sensor	2" Magnetic with embedded reed switch
Operating Configuration	3 Lamps
Vessel Rated Pressure	50 psi
Rated Flow Rate for Efficacy	75 GPM
Minimal Flow Rate Ozone Production	N/A
Sanitization	>3-log removal of E. faecium and P. aeruginosa bacteria
Cable Length	9.5ft (2.9m) from ballast to lamp
Safety System	No flow safety shutoff Thermal limit shutoff Lid removal shutoff Lamp error indicator
Warranty	Vessel 3 years Lamp 1 year

IN-LINE INSTALLATION



DIMENSIONS



[HAYWARD.COM/HYDRORITE](https://www.hayward.com/hydrorite)
Watch the HydroRite UVO₃ in action

» [haywardcommercialpool.com](https://www.haywardcommercialpool.com) » (301) 838-4001

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