HAYWARD®
COMMERCIAL AQUATICS

HydroRite® UV

ULTRAVIOLET DISINFECTION SYSTEM FOR AQUATIC FACILITIES

NSF. Certified to NSF/ANSI Standard 50

ELIMINATE 99.9% OF BACTERIA FOR 100% PEACE OF MIND.

The HydroRite UV Commercial Ultraviolet Disinfection System combines three powerful disinfectants into one vessel, offering unprecedented plug-and-play installation and setting a new standard for water quality in the commercial pool market.

SAFER, SOFTER WATER

HydroRite UV combines UV, Ozone and advanced oxidants to inactivate more than 99.9% of chlorine-resistant microorganisms while reducing skin-irritating chloramines by 50% or more. The result? Pool water every guest will love.

COST-SAVING DESIGN

By reducing chlorine usage, HydroRite UV cuts operating costs and extends the life of salt cells. Its long-lasting, low-pressure lamps have little to no impact on chlorine consumption and its 120V power input conserves energy, too.
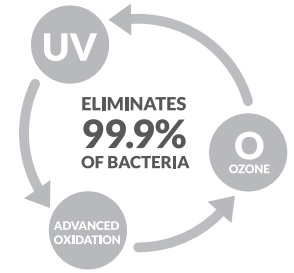
SIMPLE TO INSTALL AND OPERATE

HydroRite UV's compact, lightweight, single-vessel design allows for easy in-line vertical or horizontal installation, and its robust yet simple user interface is easy to understand at a glance.

Pumps » Filters » Heaters » Cleaners » Sanitization » Automation » Lighting » White Goods » Flow Control

WHY YOU NEED SUPPLEMENTAL SANITIZATION

Due to higher levels of bacteria caused by heavy bather loads, the U.S. Centers for Disease Control's Model Aquatic Health Code highly recommends the use of UV or ozone as a supplemental disinfectant in every commercial pool.

	Max pool size satisfied with one unit				95% UV transmittance	
Part Number	MAX FLOW RATE (GPM)	@30 mins (Gallons)	@6 hrs (Gallons)	@8 hrs (Gallons)	Max flow rate @45mj/cm^2 EOL*	Max flow rate @60mj/cm^2
HYR75	61	1,830	21,960	29,280	61 GPM	61 GPM
HYR150	133	3,990	47,880	63,840	133 GPM	133 GPM
HYR400	352	10,560	126,720	168,960	352 GPM	352 GPM

UV
ELIMINATES
99.9%
OF BACTERIA
OZONE
ADVANCED OXIDATION

TECHNICAL SPECIFICATIONS

Part Number	HYR75	HYR150	HYR400
Certifications	NSF50 UL 1081/1563 CSA C22.2	NSF50 UL 1081/1563 CSA C22.2	NSF50 UL 1081/1563 CSA C22.2
Electrical Enclosure Dimensions	17" H x 13" W x 6.5" D	17" H x 13" W x 6.5" D	17" H x 17" W x 6.5" D
Vessel Dimensions	6" Column Diameter 46" L x 11" H	8" Column Diameter 48" L x 13" H	10" Column Diameter 46" L x 19" H
Carton Weight	196 lbs.	236 lbs.	350 lbs.
Housing Inlet/Outlet	2" Union inlet/outlet	3" Union inlet/outlet	4" Union inlet/outlet
Reaction Chamber Style	Schedule 80 PVC 316SS Interior Lining	Schedule 80 PVC 316SS Interior Lining	Schedule 80 PVC 316SS Interior Lining
Power Input	120VAC, 60Hz, 2.0 Amps	120VAC, 60Hz, 3.0 Amps	120VAC, 60Hz, 5.0 Amps
Flow Sensor	2" Magnetic with embedded reed switch	2" Magnetic with embedded reed switch	2" Magnetic with embedded reed switch
UV Lamps	1 Lamp	2 Lamps	4 Lamps
Lamp Wavelengths	254nm/185nm	254nm/185nm	254nm/185nm
Lamp Life	13,000 hours	13,000 hours	13,000 hours
Operating Temp. Rating	40˚F to 104˚F	40˚F to 104˚F	40˚F to 104˚F
Amp Draw	1.2	2.4	4.8
Hz	60	60	60
Vessel Rated Pressure	50 psi	50 psi	50 psi
Rated Flow Rate for 95% Efficacy 45mj/cm^2 (EOL)	61 GPM	133 GPM	352 GPM
Sanitization	>3-log removal of *E. faecium* and *P. aeruginosa* bacteria	>3-log removal of *E. faecium* and *P. aeruginosa* bacteria	>3-log removal of *E. faecium* and *P. aeruginosa* bacteria
Installation Environment	Indoor/outdoor use	Indoor/outdoor use	Indoor/outdoor use
Cable Length	8.25 ft. from ballast to lamp	8.25 ft. from ballast to lamp	8.25 ft. from ballast to lamp
Safety System	Pressure and flow safety shutoff Thermal limit shutoff Safety cover removal sensor Audible and/or LED error indicator	Pressure and flow safety shutoff Thermal limit shutoff Safety cover removal sensor Audible and/or LED error indicator	Pressure and flow safety shutoff Thermal limit shutoff Safety cover removal sensor Audible and/or LED error indicator
Warranty	Vessel 1 year** Lamp 6 motnhs	Vessel 1 year** Lamp 6 motnhs	Vessel 1 year** Lamp 6 motnhs

*End of Life

**Excluding lamps, quartz sleeves and stainless steel insert

» haywardcommercialpool.com » 1-800-657-2287

HydroRite UV is listed by: UL LISTED | CSA | NSF Certified to NSF/ANSI Standard 50

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