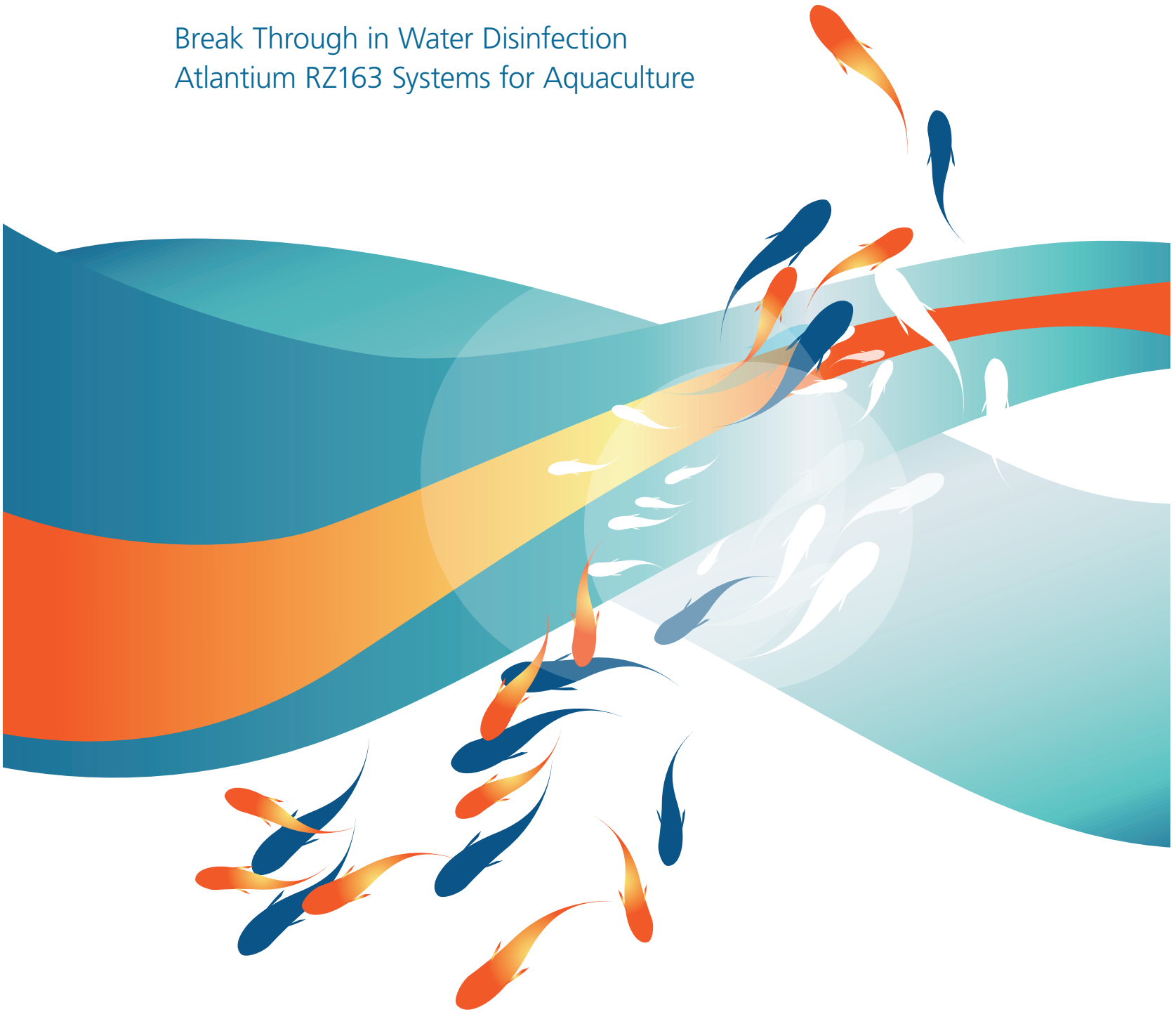




# New RZ163 series

Break Through in Water Disinfection  
Atlantium RZ163 Systems for Aquaculture



HYDRO-OPTIC DISINFECTION™ STARTS WORKING  
WHERE OTHER UV SYSTEMS STOP.

# You Can Afford the Most Reliable UV Disinfection System in the World

No other UV disinfection system supports your farm's business like Atlantium's RZ163 Series

**Improve microbial results, farm performance and operating margins from Day One.**

## **Easily upgrade your existing operations.**

The RZ163 Series is designed to integrate transparently with new or existing systems. Compact and modular, RZ163 units can be added gradually to serve a broad range of farm sizes, flow rates and disinfection needs.

## **Lower your intervention costs.**

With HOD, you can farm with less chemicals and medications. That means a healthier environment for your fish along with significantly lower expenses. Day-to-day operations are simpler and require less intervention.

## **Meet regulations, today and tomorrow.**

UV disinfection is environmentally friendly and field proven. Atlantium's patented HOD raises UV disinfection levels to unmatched effectiveness, with a consistent U.S. EPA-validated 5 Log reduction in pathogens. Need biosecurity? Then you need HOD.

## **Benefit from real-time prescribed dosage.**

Your farm is unique and so are your pathogen conditions. Atlantium works with you to target HOD UV dose prescriptions. RZ163 then automates monitoring, control and reporting to validate dose effectiveness minute-by-minute, even when conditions change. HOD often brings twice the efficiency of competing UV systems.

## **Multiply your production gains.**

Multiply your production gains. Atlantium customers consistently experience significant improvement in survival rates, growth rates, and food conversion rates. You too can profit from the benefits of HOD stability, reliability ease of maintenance and configuration flexibility.



Atlantium's patented Hydro-Optic Disinfection™ (HOD) system is the world's most effective UV disinfection technology, with the lowest energy cost per cubic meter of treated water. HOD provides the uniformity, security and stability that aquaculture business demands, today and tomorrow.

"Atlantium's HOD system gives us reliable, superior disinfection, enabling us to increase our batch sizes and survival rates, without increasing our infrastructure."

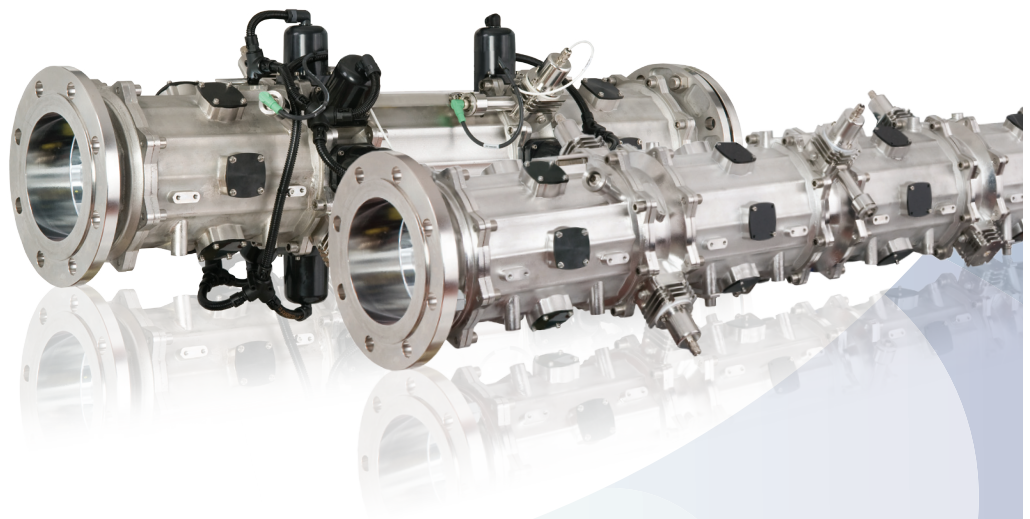
#### RZ163 Series screens display

the status of all the relevant system parameters in real-time and show the precise UV dose (RED) being delivered at any given moment.

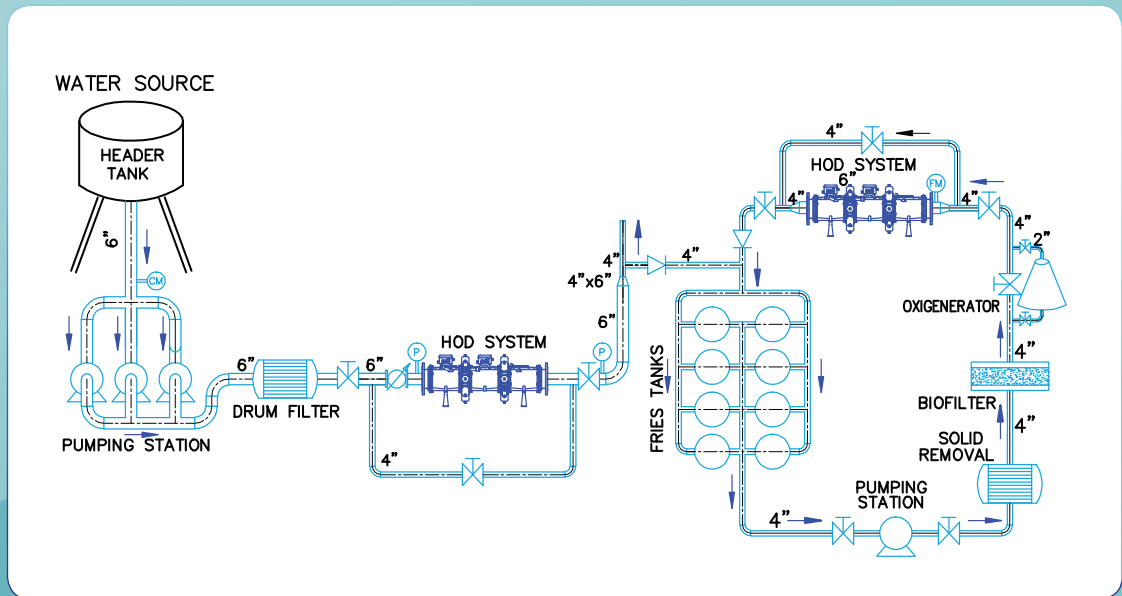


#### The RZ163 Series

is an easily integrated, modular system that enables Atlantium to provide aquaculture farms with precisely the system they need to achieve maximum disinfection reliability.



## Typical installation of an HOD unit in flow-through or re-circulation system



Type	Lamps	Power consumption*	Flow Rate**	Flange			Weight
		kW	m <sup>3</sup> /h	Ø		Mm/In	Kg/Lbs
RZ163-12	2 x 1.7 kW	3.4	130	DN150	230/400V ~50Hz	1122-1232-1500 44-48.5-59	77.8 / 171
RZ163-14	4 x 1.7 kW	6.8	260	DN150	230/400V ~50Hz	1825-1290-1500 72-51-59	124 / 273
RZ163-22	4 x 1.7 kW	6.8	xxxx	DN150	230/400V ~50Hz	1122-1232-2050 44-48.5-81	165 / 363
RZ163-24	8 x 1.7 kW	13.6	520	DN150	230/400V ~50Hz	1825-1290-2050 72-51-81	248 / 546

\* Lamps only

\*\* Flow rate at UVT=90%, RED=40mj/cm<sup>2</sup>, end of lamp life

\*\*\* Measurements are flange to flange and include the required clearance

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