

Wedeco UV Systems




OVERVIEW OF UV DISINFECTION PRODUCTS







WEDECO
a xylem brand

Wedeco UV Systems Overview

Drinking Water Systems

Series Type / Capacity	Application		Characteristic	
Spektron e Up to 12.5 MGD	<ul style="list-style-type: none"> Private and municipal drinking water supplies Food & Beverage industry Process water for industrial use Aquaculture (fresh water) Swimming pools 	USEPA, DVGW, ÖVGW & SVGW validated	Stainless steel reactor with CrossMix or OptiCone™ flow diverter and Wedeco Ecoray® UV lamps, arranged parallel to the water flow.	
Quadron Up to 26 MGD	<ul style="list-style-type: none"> Municipal drinking water supplies Swimming pools Aquaculture/ well boats 	USEPA & DVGW validated	Medium pressure system with UV lamps perpendicular to the flow and patented OptiCone flow diverter for ideal hydraulics and maximized performance.	
K143 From 3 MGD to 70 MGD	<ul style="list-style-type: none"> Drinking water supplies 	USEPA validated	Stainless steel reactor with Wedeco Ecoray® UV lamps, positioned perpendicular to the water flow. The system design is customizable and can accommodate a large range of flow rates.	

Wastewater Systems

Series Type / Capacity	Application		Characteristic	
Duron Scalable. Can go from 2 to several hundred MGD.	<ul style="list-style-type: none"> Wastewater Wastewater reuse Disinfection in open channel Aquaculture Stormwater overflows 	USEPA & NWRI validated	45° vertically inclined open channel UV systems equipped with an integrated automatic lifting device and energy efficient high power Ecoray 600W lamps.	
TAK55 smart Up to 5 MGD	<ul style="list-style-type: none"> Biologically treated wastewater Aquaculture Process water Wastewater reuse Disinfection in open channels 	USEPA validated	Packaged open channel UV system available with optional PE or SS channel for plug&play operation. Highly efficient Ecoray lamps and a broad range of options assure easy operation and maintenance.	
LBX e Up to 8.5 MGD	<ul style="list-style-type: none"> Biologically treated waste water Process water Special drinking water qualities Sugar syrup Ballast water 	USEPA & NWRI validated	Stainless steel reactor with multiple Wedeco Ecoray® UV lamps, arranged concentrically and parallel to the water flow.	
TAK 55 Scalable. Can go from 2 to several hundred MGD.	<ul style="list-style-type: none"> Wastewater Aquaculture Wastewater reuse Disinfection in open channels 	USEPA & NWRI validated	UV modules with Wedeco Ecoray® lamps positioned parallel to the water flow, designed for installation in concrete channel systems.	

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Let's Solve Water

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Wedeco is a brand of Xylem, whose 12,000 employees are addressing the most complex issues in the global water market.

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