



WEDECO UV Systems

OVERVIEW OF UV DISINFECTION PRODUCTS

WEDECO
a xylem brand

WEDECO UV Systems Overview

Drinking Water Systems

Series Type / Capacity	Application		Image	Characteristic
Spektron max. 2,000 m³/h	<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™ module and multiple WEDECO Ecoray® UV lamps, arranged parallel to the water flow
BX max. 2,200 m³/h	<ul style="list-style-type: none"> Private and municipal drinking water supplies Food & Beverage industry Process water for industrial use Swimming pool 	USEPA validated		Stainless steel reactor with multiple WEDECO Ecoray® UV lamps, arranged parallel to the water flow
Quadron max. 4,100 m³/h	<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
K 500 m³/h > 6,300 m³/h	<ul style="list-style-type: none"> Drinking water supplies 	USEPA validated		Stainless steel reactor with multiple WEDECO ECORAY® UV lamps, positioned perpendicular to the water flow in several rows

Wastewater Systems

Series Type / Capacity	Application		Image	Characteristic
TAK55 smart max. 1,000 m³/h	<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 incl. PE or SS channel for plug&play operation or to be fit into concrete channels. Highly efficient ECORAY lamps and a broad range of options assure easy operation and maintenance
LBX max. 2,100 m³/h	<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 up to several 10,000 m³/h	<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
DURON up to several 10,000 m³/h	<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 possessing an integrated compact automatic lifting device and featuring energy efficient high power ECORAY 600W lamps

