

ULTRAVIOLET DISINFECTION SYSTEMS

UV Disinfection Systems ensure effective microbial inactivation without chemicals, preserving the water’s natural properties.

The system uses low-pressure mercury lamps to emit UV rays, disrupting microorganisms’ DNA and RNA, rendering them inactive. This process eliminates bacteria, viruses, and pathogens without altering water’s taste, odor, or composition.

For optimal performance, UV lamps should be replaced annually. UV systems offer efficient, eco-friendly, and low-maintenance disinfection for drinking water, industrial, and wastewater applications.



ULTRAVIOLET DISINFECTION SYSTEMS (WITH ADAPTATOR)

Stock Code	Model	Connection	Capacity (m³/h)	Lamp	Power (watt)	STANDARD FEATURES
0-UV-SiS-02	HydroLight-0.2	¼"	0,2	1	6	Stainless AISI 304 body
0-UV-SiS-05	HydroLight-0.5	½"	0,5	1	14	LED lights indicating system operation and malfunction
0-UV-SiS-1.5	HydroLight-1.5	1"	1,5	1	30	220 Volt 50 Hz
0-UV-SiS-3	HydroLight-3	1"	3	1	40	9,000 hours lamp life
0-UV-SiS-5	HydroLight-5	1"	5	1	65	Working pressure 8 bar
0-UV-SiS-10	HydroLight-10	1 ½"	10	2	130	
0-UV-SiS-15	HydroLight-15	2"	15	3	195	

ULTRAVIOLET DISINFECTION SYSTEMS (WITH DIGITAL PANEL)

Stock Code	Model	Connection	Capacity (m³/h)	Lamp	Power (watt)	STANDARD FEATURES
0-UV-SiS-1.5-D	HydroLight-1.5	1"	1,5	1	30	Stainless AISI 304 body
0-UV-SiS-3-D	HydroLight-3	1"	3	1	40	LED lights indicating system operation and malfunction
0-UV-SiS-5-D	HydroLight-5	1"	5	1	65	220 Volt 50 Hz
0-UV-SiS-10-1-D	HydroLight-10	1 ½"	10	2	130	9,000 hours lamp life
0-UV-SiS-15-D	HydroLight-15	2"	15	3	195	Working pressure 8 bar
0-UV-SiS-20-D	HydroLight-20	2"	20	4	260	Viewing the status and hours of use of individual UV lamps.
0-UV-SiS-30-D	HydroLight-30	2 ½"	30	6	390	Audible and visual warning alerts.
0-UV-SiS-40-D	HydroLight-40	3"	40	8	520	
0-UV-SiS-50-D	HydroLight-50	3"	50	10	650	

ULTRAVIOLET AMALGAM DISINFECTION SYSTEMS

Our company manufactures and sells high-efficiency ultraviolet (UV) amalgam systems designed for water treatment, disinfection, and sterilization with advanced UV technology.

UV amalgam lamps offer longer lifespan and higher light efficiency compared to conventional UV lamps. They provide effective disinfection by disrupting the DNA and RNA structures of microorganisms without altering the chemical composition of water.

Widely used in industrial facilities, municipalities, the food and beverage sector, and healthcare institutions, our systems offer energy-efficient, low-maintenance, and environmentally friendly solutions for businesses.



ULTRAVIOLET AMALGAM DISINFECTION SYSTEMS

Stock Code	Model	In - Out	Debi (m³/h) (300 j/m²)	Debi (m³/h) (400 j/m²)	Power (watt)	Lamp
0-UV-SiS-A-25	UV System 25 m³/h	2" - Threaded	25	19	315	1
0-UV-SiS-A-50	UV System 50 m³/h	3" - Flanged	50	38	360	2
0-UV-SiS-A-75	UV System 75 m³/h	4" - Flanged	75	57	945	3
0-UV-SiS-A-100	UV System 100 m³/h	5" - Flanged	100	75	1260	4
0-UV-SiS-A-150	UV System 150 m³/h	6" - Flanged	150	115	1890	6
0-UV-SiS-A-200	UV System 200 m³/h	8" - Flanged	200	150	2520	8
0-UV-SiS-A-300	UV System 300 m³/h	8" - Flanged	300	225	3780	12
0-UV-SiS-A-600	UV System 600 m³/h	12" - Flanged	600	450	7560	24

STANDARD FEATURES

Digital Panel

Body: 304 Grade Stainless Steel

Power Supply: 220 V 50 Hz

Operating Pressure: 6 - 8 Bar

Lamp Lifetime: 9000 Hours

Fault Indicator

Electronic Operating Hour Counter

Audible Fault Notification

Warning When Lamp Lifetime Expires