

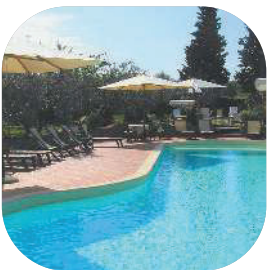
Reliable UV water purification **WBL Series**

Wastewater disinfection



- Sewage treatment plants
- Effluent treatment plants
- Homes and apartment complexes
- Commercial buildings
- Hospitals
- Hotels

Water reuse



- Swimming pools
- Spas and Jacuzzis
- Grey water recycling
- Rainwater harvesting
- Pre-RO membrane protection

Effluent and wastewater treatment



- Water with high microbial contamination
- Low UVT water disinfection
- Advanced oxidation for water reuse
- Storm water disinfection
- Surface/ground water with low UVT

Reliable protection from pathogenic micro-organisms

Easy to install, use and maintain



Features

- ✓ High and consistent UV dose
- ✓ High-performance quartz ultraviolet lamps
- ✓ Matched electronic ballasts
- ✓ Fused, high % UVT silica quartz sleeves
- ✓ Vertical or horizontal installation
- ✓ Very compact size
- ✓ Saves skid and piping costs
- ✓ Easy piping
- ✓ Saves space
- ✓ Self-guiding quartz sleeves
- ✓ Easy-to-change UV lamps and quartz sleeves
- ✓ Service from one end
- ✓ Ex-stock spares
- ✓ Trouble-free, long-life operation
- ✓ System status indicators
- ✓ No leaks at 5kg/cm² (75PSI) operating pressure
- ✓ SS316L electro-polished UV chambers
- ✓ Application support available

Standard features

• UV lamp type	• Low pressure, high-performance quartz lamps
• UV lamp configuration	• Single/multiple lamp/s in UV chamber
• Recommended UV lamp life*	• Up to 8,500 hours
• Ballast type	• Matched high frequency electronic ballasts
• Quartz sleeve type	• High % UVT self-guiding quartz sleeves
• Input power	• 230-240V AC, 50-60 Hz
• System status indicators	• Power on and lamp status
• Lamp fail alarm	• Audiovisual
• UV chamber installation	• Vertical or horizontal
• UV chamber	• Electro-polished SS316L with full penetration automatic welds
• UV sensor port	• Standard on all WBL series systems (UV intensity monitor and sensor not included)

*Under standard operating conditions

Optional features

- UV intensity monitor
- Potential-free contacts for remote monitoring
- PLC integration
- Quartz sleeve wipers

Technical specifications: Peak flows @65-70%UVT

	Max. flow @600J/m ² 65-70% UVT	Water inlet/ outlet fittings	UV chamber overall dimensions L x W x H [mm]	Max. operating power @230VAC 50-60Hz
W-20-BL	1.5	1" BSP Male	1,010 x 130 x 130	90 W
W-35-BL	2.5	1.5" BSP Male	1,010 x 135 x 130	140 W
W-50-BL	3.5	2" BSP Male	1,325 x 130 x 135	185 W
W-90-BL	6.0	2" BSP Male	1,325 x 155 x 135	265 W
W-120-BL	8.0	2" BSP Male	1,710 x 155 x 135	350 W
W-180-BL	12.5	2" BSP Male	1,325 x 355 x 135	530 W
W-230-BL	16.0	2" BSP Male / 3" Flange	1,710 x 355 x 135	700 W
W-300-BL	20	2" BSP Male / 3" Flange	1,720 x 315 x 300	995 W
W-350-BL	23	3" Flange	1,720 x 350 x 300	1.15 kW
W-450-BL	31	3"/4" Flange	1,720 x 350 x 300	1.45 kW
W-600-BL	39	4" Flange	1,720 x 350 x 300	1.8 kW
W-850-BL	50	6" Flange	1,720 x 400 x 400	2.2 kW
W-1100-BL	65	6" Flange	1,720 x 400 x 400	2.8 kW

Technical specifications: Peak flows @75-80%UVT

	Max. flow @600J/m ² 75-80% UVT	Water inlet/ outlet fittings	UV chamber overall dimensions L x W x H [mm]	Max. power
W-20-BL	2.0	1" BSP Male	1,010 x 130 x 130	90 W
W-35-BL	3.5	1.5" BSP Male	1,010 x 135 x 130	140 W
W-50-BL	5.0	2" BSP Male	1,325 x 130 x 135	185 W
W-90-BL	9.0	2" BSP Male	1,325 x 155 x 135	265 W
W-120-BL	12.0	2" BSP Male	1,710 x 155 x 135	350 W
W-180-BL	18	2" BSP Male	1,325 x 355 x 135	530 W
W-230-BL	25	2" BSP Male / 3" Flange	1,710 x 355 x 135	700 W
W-300-BL	30	2" BSP Male / 3" Flange	1,720 x 315 x 300	995 W
W-350-BL	38	3" Flange	1,720 x 350 x 300	1.15 kW
W-450-BL	50	3"/4" Flange	1,720 x 350 x 300	1.45 kW
W-600-BL	61	4" Flange	1,720 x 350 x 300	1.8 kW
W-850-BL	85	6" Flange	1,720 x 400 x 400	2.2 kW
W-1100-BL	110	6" Flange	1,720 x 400 x 400	2.8 kW



Available
WEL Series
UV Systems
with 4 to 16+ lamps

Many more models to meet your specific requirements including 1MLD and above plants, do contact us

Technical changes reserved

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