

parts, service & retrofits

aquaray® UV system tech tips

UV system performance is affected by many factors. One of the most important is the use of manufacturer certified parts. Beware of cheap imitation parts which reduce system performance, void process guarantees, and invalidate warranties.

all UV lamps are not the same

Are you experiencing premature lamp, ballast, or electrical failures? Does your UV system require more than the normal levels of maintenance? If you answered YES to any of these questions, your UV system may be at risk. Make sure your parts meet the standards or they will end up costing you money.

certified UV lamps & ballasts

aquaray® UV lamps, when combined with SUEZ ballasts, are specially designed for use in **aquaray®** UV disinfection systems.

All **aquaray®** UV system components have been independently certified to ensure your UV system will meet your disinfection requirements from the date you install them to the date they are scheduled to be replaced. Our certifications ensure the optimum performance and sizing for your SUEZ UV disinfection system.

certified parts benefits

UV Lamp Warranty: ozonia® warrants all of its UV lamps. For any **aquaray®** lamp that fails before the end of warranty, simply send us the information from each lamp and SUEZ will provide new lamps to meet your warranty.

Competitive Pricing: SUEZ will be glad to try to meet or beat any written quotes for UV lamps made in the USA.

Immediate Shipment of Your Order: SUEZ recommends each plant keep spare parts on hand for easy maintenance. We also know our customers can't always keep large inventories which is why SUEZ keeps over 20,000 lamps, sleeves, and ballasts in stock for immediate shipment.

preventive maintenance

Unplanned downtime can have serious consequences on your plant: lost production, process breakdowns, unexpected costs, and even penalties. To prevent such events from occurring, SUEZ offers standard and custom preventive maintenance plans tailored to your system's needs. As part of any SUEZ preventive maintenance inspection or service visit, SUEZ will provide a detailed report, maintenance & operation review, suggested parts inventory levels and more.

suggested spare parts

▶ lamps

Replace all UV lamps at the expected end of the entire bank's life. Keep enough lamps in stock to replace at least one entire bank.

▶ quartz sleeves

Sleeves should only be replaced due to breakage or permanent fouling. Keep a stock equal to one bank of modules or no more than 10% of the entire UV system.

▶ ballasts

Failures are typically due to imitation lamps, excessive hours or cycles, or damaged cooling systems. Stock at least 5% of your system's total ballasts.

▶ wear and tear parts

Keep your shipping costs down by stocking 25-50% of these inexpensive components: nuts, o-rings, & wiper parts.

ready for the resource revolution



SUEZ's **aquaray® UV** product range provides high quality open channel and closed vessel UV solutions for a variety of municipal and industrial applications. **aquaray® UV** solutions use low-pressure and medium-pressure UV technology packaged in small footprints to reduce the impact on your plant.

We have over 20 years of experience delivering UV solutions including some of the world's largest drinking water and wastewater UV disinfection systems.

Trust SUEZ to deliver the highest quality UV technology solutions to meet even the most difficult treatment challenges.

over
20
years of
experience

aquaray® drinking
water systems
treat over
70,000
cubic metres
every hour

aquaray® wastewater
systems treat over
6 billion
gallons every day

over
1,000
aquaray® systems
in operation



europa

france

tel: +33 5 61 36 30 36

switzerland

tel: +41 44 801 8511

russia

tel: +7 831 434 1628

united kingdom

tel: +44 1355 220 598

asia

china (shanghai)

tel: +86 21 5331 1333

china (tianjin)

tel: +86 4008 906 005

south korea

tel: +82 31 701 9036

singapore

tel: +65 66 61 0432

americas

usa

tel: +1 201 676 2525

brazil

tel: +55 11 2166 3604

sales@ozonia.com

www.ozonia.com • www.suez.com

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