



# Ozone Water Disinfection System

## Commercial Laundry Solution

### Odor Elimination and Sanitation

*Cleaner, softer, and longer lasting linens*

Ozone Water Disinfection System (WDS) improves washing results, helps sanitize linens, and helps keep laundry machines mildew and odor-free. WDS helps reduce the usage of chemicals and energy. By simply connecting the unit to the existing water input, the system will turn ordinary tap water into an effective and safe sanitation solution.

Ozonated water acts as a natural sanitizer for improving hygiene and reducing cross-contamination. The WDS will improve laundry and machine sanitation while naturally eliminating odors.

### Features



#### Inspired by nature

Turns tap water into an effective and safe sanitizer



#### Safe to use

After sanitation ozone returns to water and oxygen



#### Flexible

Integration for multiple washers



#### Automatic & on-demand

The WDS supplies automatic on-demand odor elimination and sanitation

**Benefit**

**99.99%**

**Sanitized**  
(Third-party tested)

Pathogen control including SA<sup>#1</sup> and MRSA<sup>#1</sup>.

**ZERO**

**Chemical residues**

Does not cause environmental pollution.

**86-90%**<sup>#2</sup>

**Energy Use Reduction**

Reduce costs by reducing energy consumption.

#1. Staphylococcus aureus, Methicillin-resistant Staphylococcus aureus

#2. Source: Rice, R. G., DeBrum, M., Cardis, D., & Tapp, C. (2009). The Ozone Laundry Handbook: A Comprehensive Guide for the Proper Application of Ozone in the Commercial Laundry Industry. *Ozone: Science & Engineering*, 31(5), 339–347. doi:10.1080/01919510903091318

# Application

## Hotel Housekeeping



## Nursery & Healthcare



## Laundromat



## Spa & Entertainment



## Cartridge Life

- Up to 1 million liters, depending upon water quality and operation mode
- Indicator light shows cartridge status for easy maintenance

## Warranty

- Limited warranty against defects in materials and workmanship for 2 years
- 6 months cartridge life
- Normal usage exclusions apply, detailed in Operation Manual

## Shipping & Ordering

- Packaging Size: W22xD19xH27cm (8.7"x7.5"x10.6")
- Gross Weight: 3kg (6.61lbs)
- Loading: 128 units per pallet

# Specifications

Washing Machine Capacity	30 lbs (15kg)
Avg. Concentration	> 0.5ppm
Connection	3/4"
Max. Pressure	7 kg/cm <sup>2</sup> (100psi)
Max. Flow	2300 LPH (10 GPH)
Power	AC 100-240V, 50/60Hz, 96W
Water Quality	Clean Tap Water*
Optimal Water Temperature	1-40°C (34-104°F)
Dimensions	128.5 x 140 x 210.5mm
Weight (Net)	1.3kg

\* TDS 60-300 mg/l, Hardness < 180 mg/l as CaCO<sub>3</sub>

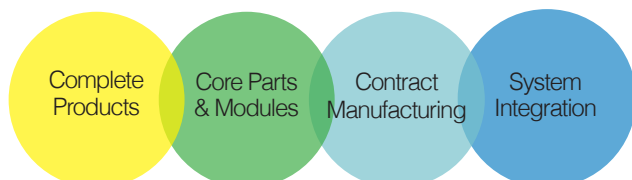
Note: OLS does not replace water filtration. For best results, always connect OLS in the water supply behind the filtration system.

# Configuration



# About Us

Since 1988, BES Group has been the global leader of electrolytic technology that converts water to ultra-pure ozone and hydrogen. Products applications include Food Safety, Ice & Beverage, Dentistry, Healthcare, Professional Laundry, Professional Cleaning, Maritime, and Home Sanitation & Wellness. All products and components are tested for high performance, safety, efficacy and reliability with certifications from government agencies and leading 3rd party labs.



Technologies applied are protected by one or more of the following patents:  
US 8,306,914 B2, US 9,757,697 B2, US 9,248,208 B2

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BES Group is continually improving its products and reserves the right to change specifications without notice.

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