

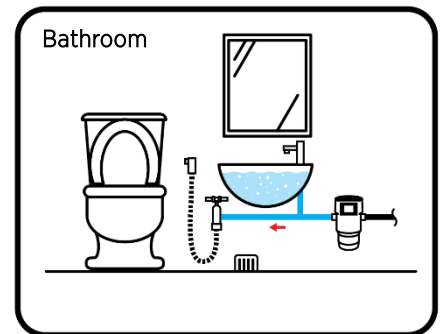
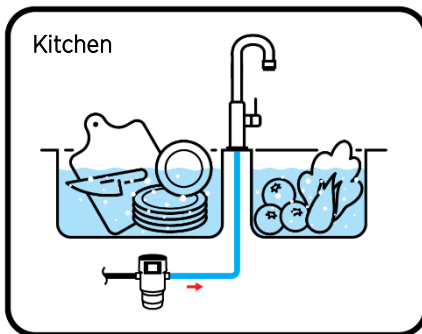


## DESCRIPTION

Biolux™ is an independent brand under BES (Biotek Environmental Science) Group which has been the leading ozone generator developer and manufacturer for more than 25 years. WSS is its latest version of ozone disinfection system. It simply connects to an existing water inlet after the installation of prefilter and it will turn the water into an efficient, safe, chemical free and environmentally friendly ozone water. The effectiveness and sterilization speed of ozone water are 50 and 3,000 times more than any other disinfection agents, including chlorine.

Biolux™ WSS uses a revolutionary patented AOP (Advanced Oxidation Process) technology which uses water to generate ozone and dissolve it into water for use. When the water is running, WSS will automatic be switched on and convert the tap water into ozone water and it is not only be used in kitchen, laundry room and bathroom, but also against biofilm growth and pathogens from water supplies at your home. It will naturally revert back to oxygen and water after the disinfection process and no chemical residues.

## APPLICATIONS



## SPECIFICATIONS

O <sub>3</sub> Ozone Water Specifications		General Specifications	
Flow rate	2,300 L/hr	Type	Existing water pipe connection
O <sub>3</sub> ozone water concentration	Max. 1 ppm (depends on programme & flow rate)	Pipe size	Ø 19 mm (3/4")
O <sub>3</sub> ozone generator (EOG) life span	1,000 hrs	Elect. loading	220V/ 50Hz/ 1ph, 0.24kW
Input water quality	Municipal water source	Dimension (WxDxH)	128.5 x 140 x 210.5 mm
Input / output water pressure	7.0 kg/cm <sup>2</sup> (100 psi)	Net weight	2 kg (4.4 lb)
Operating temperature	5-30°C (41 - 86°F)	Pre-filter	(to be provided by others)
Room condition	Well ventilated		

Tested by SGS, 2.0 ppm concentration of ozone water generated by Biotek's ozone generator can effectively eliminate staphylococcus aureus, E. coli., salmonella, pseudomonas aeruginosa, candida albicans and legionella pneumophila antibiotic resistance bacteria, and decompose mevinphos residual pesticide up to 99.9%.