

No chemical residues
change in taste
water wastage



Rapid
Sanitation



Biofilm
Removal & Prevention



Cost-saving
Labor & Maintenance

WDS mini - Water Disinfection System

WDS mini is a simple solution to **reduce harmful pathogens and prevent biofilm growth in ice machines**. This automatic ice machine protection system will ensure a first-class level of hygiene that no has been tested or certified. This compact device is designed to be **easily integrated with most ice machines** with up to 1800lbs a day production capacity ice machines. The continuous ozone disinfection process reduces required chemical cleaning **saving time, money, and the environment**.



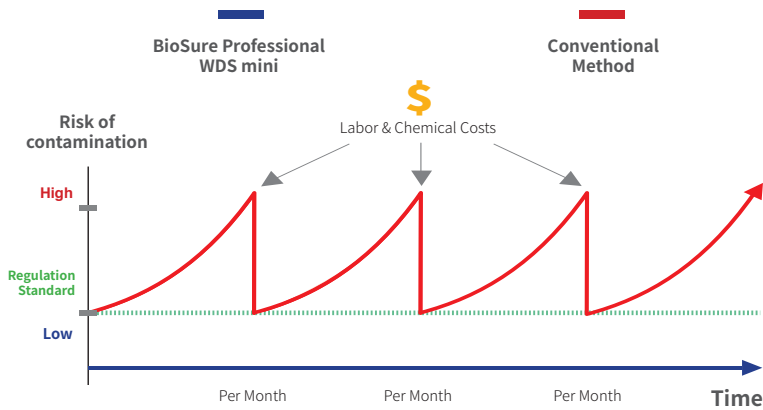
Model: EOS7211-HX

THE PICTURE IS SHOWN FOR ILLUSTRATION PURPOSES ONLY.
THE ACTUAL PRODUCT MAY VARY DUE TO PRODUCT ENHANCEMENT.

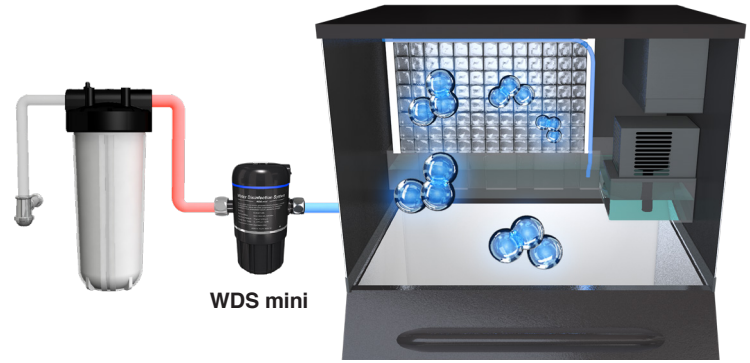


Focus Points

Bacteria and Biofilm Risk Control



Configuration



Specifications

Water Line Connection	1/2"
Dissolved O ₃ Performance	Up to 0.5 ppm* ¹
Max. Flow Rate @ 3 kg/cm ²	880 LPH (3.9 GPM)
Max. Pressure	7 kg/cm ² (100 psi)
Consumable Lifetime	1000hr operation time* ²
Input Water Requirement	Filtered potable water* ³
Water Temperature	5 - 40°C (41 - 104°F)
Application Capacity	Up to 1800 lbs/day* ⁴ (Daily ice production)
Protection Class	IP54
Power Requirements	AC100-240V, 50/60Hz; 30W
Dimensions; Weight (Net)	W73 x D118 x H148 (mm); 500g

*1. Approx. 0.5 - 0.1 ppm residue in ice machine water basin as in general condition for ≤ 1800lbs ice machine applications. Actual performance may vary according to flow conditions, temperatures, and influent water quality. [Standard Test Conditions: input water pressure 1.5 kg/cm² (20 psi), temperature 25°C (77°F), TDS 60 ppm]

*2. 1000 hrs refers to actual operating hours for dissolved ozone generation. In practice, WDS mini runs only 1-3 minutes in each ice making cycle, or less than 5 min in an hour depending on ice machine's operation mode.

*3. Recommended water quality is TDS > 30 ppm, Hardness < 250mg/l as CaCO₃

*4. Cartridge life is dependent upon water quality and ice machine water consumption.

Note: WDS mini does not replace water filtration.

Features



Sanitize Water in Machine

The dissolved ozone helps sanitize all parts of the ice machine it comes into contact with.



Inspired by Nature

Turns water into an effective and safe sanitizer.



OSHA Standard

Low off-gas meets OSHA standards and is third-party tested.



Pure Ozone Water

Patented electrolytic O₃ technology, no nitrogen oxides for safe ice.



Fully Automatic

Delivers fully automatic sanitation to ensure the best quality hygiene 24/7.

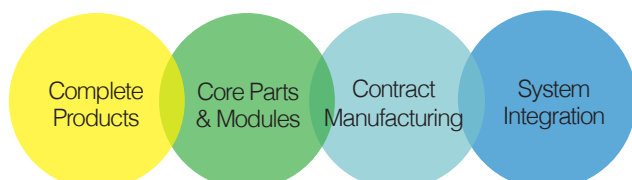


Smart Self-cleaning

Reduce the maintenance cost by scale build-up issues in using high TDS water sources.



BES Group, parent company of BioSure, has led in electrolytic technology since 1988, delivering adaptable ozone and hydrogen solutions through advanced water electrolysis. Serving industries from wellness and HORECA to food processing and water treatment, our products are certified by government authorities and accredited labs to ensure top-tier safety, performance, and quality.



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ISO 9001 Certified



Technologies applied are protected by one or more of the following patents: US 8,308,914 B2, US 9,757,697 B2, US 9,248,208 B2