

No chemical residues
change in taste
water wastage



Automatic Ice Sanitation System

A sanitation solution for ice machine

Ice Sanitation System is a simple and easy solution to **reduce bacteria and prevent biofilm growth in ice machines**. This automatic system will ensure a first-class level of hygiene that has been tested by independent 3rd party laboratories. This compact device is designed to be **easily integrated inside ice machine**. The continuous ozone disinfection process reduces required chemical cleaning **saving time, money, and the environment**.



Controller Box

Electrolytic Ozone Cell Module

Model: EOS7172



99.99%

Removals Bacteria & Viruses

Disinfection speed is **3000 times faster than chlorine**. After disinfection, ozone reduces to oxygen without changing the taste of ice cubes.



Biofilm

Removal & Prevention

Dissolved ozone is a powerful sanitizer that prevents biofilm in order to **maintain ice and water hygiene**. This is a **better and more comprehensive solution than UV-C**.



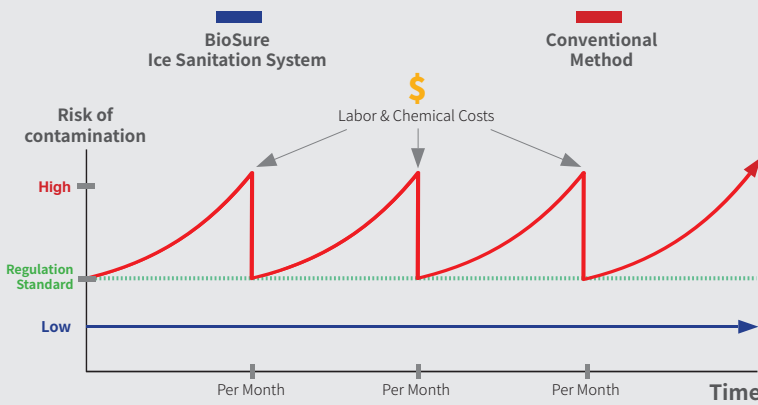
Can Save 70%

Labor & Chemical Costs

This System helps **reduce the reliance on costly and troublesome manual cleaning and chemical disinfection**. It also helps reduce the risk of damages to machines during manual cleaning.

Focus Points

Bacteria and Biofilm Risk Control



Immediate Costs Saving

Ice Sanitation System	Sample Costs Per Year	Ordinary Cleaning	Sample Costs Per Year
Cost of ice machine sanitizing*	US\$ 250	Cost of ice machine sanitizing*	US\$ 250
Average number of annual sanitizing required	X 0**	Average number of annual sanitizing required	X 2-4***
1 Generator Replacement	US\$ 150		
Total Annual Cleaning costs	US\$ 150	Total Annual Cleaning costs	US\$ 500 - 1000

← **Reduced by over 70%** →

*Including labor, material and travel, payback calculation for illustration only, conditions may vary to territories.
 ** Refers to cleaning related to hygiene, cleaning for water quality reasons is not the scope of our products.
 ***At least 2 times a year by US federal law.

Features



Disinfect Water in Machine

The dissolved one water helps disinfect 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.

NOx Free

Pure Ozone Water

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



Fully Automatic

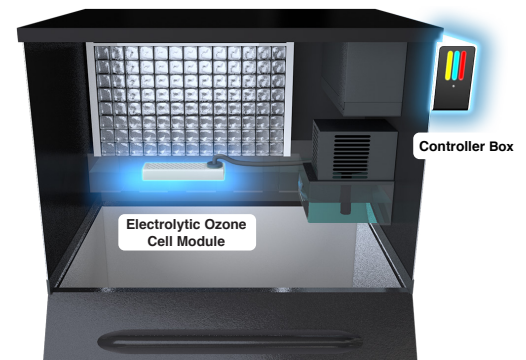
Delivers fully automatic sanitation to ensure best quality hygiene 24/7.

Specifications

Element	Electrolytic Ozone Cell Module	Controller Box
Ozone concentration in water	0.025 ppm in circulating water (no ozone in ice)	
Max. Ice Machine Capacity	< 1000 lbs/day	
Water Quality	Filtered to ≤ 1µm, TDS 60-300 mg/l	
Material	PVDF, Titanium	
Power	AC 100-240V, 50/60Hz, 32W	
Dimensions* (mm)	W34 x D138x H23	W41 x D106 x H70
Weight (Net)	100 g	110 g**

*System can be custom made according to the requirements and ice making capacity. Size and production capacity may vary.
 ** The weight of power adapter is excluded.

Configuration

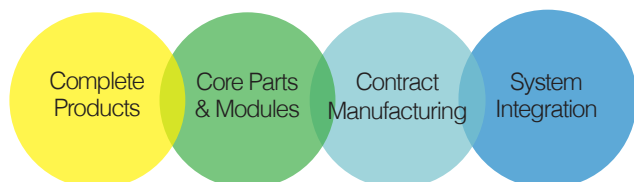


Consumable Parts:

- Electrolytic Ozone Cell Module 12 months

About Us

Since 1988, BES Group has been the global leader in electrolytic technology. Converting water to ultra pure ozone gas and hydrogen gas is our core technology. Series products include Food Safety & Sanitation, Healthy Environment, Clean Water, and Sanitation & Wellness. All products and components are tested for high performance, safety, and reliability with required certifications from government agencies and leading 3rd party labs.



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

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