



## Drinking Equipment Hygiene Solutions

**No** chemical residues  
change in taste  
labor required

### Revolutionary Post-Filtration Disinfection System

PFDS is a revolutionary device that instantly **turns water into a powerful natural sanitizer**. Using electrolytic ozone, PFDS offers an instant, effective, and residual free sanitation treatment. The dissolved one water helps **disinfect all parts of the machine it comes into contact with**.

This compact device offers instant, residual-free sanitation, and can be easily **integrated with existing waterlines and small water systems based on your needs**. It features automatic sanitation to keep waterline safe at all times. Given the wide application of electrolytic technology, It will significantly improve the quality of your products.



**Model: EOS7175-BX**

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



**99.99%**

Removals Bacteria & Viruses

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



**Biofilm**

Removal & Prevention

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



**Original**

Drinking Taste

After disinfecting water and waterlines, **ozone reduces back to oxygen and water**. It does not change the taste of water and drinks.

## Focus Points

Water dispensers



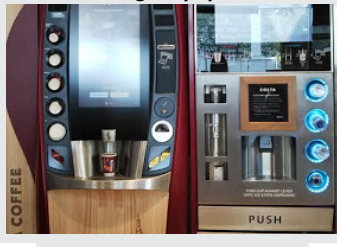
Sparkling water makers



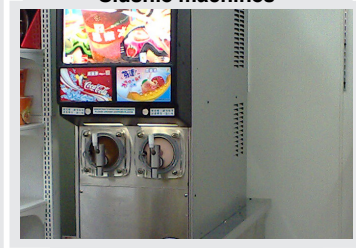
Bar glass washing machine



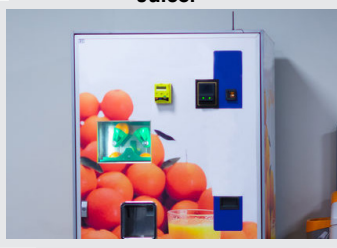
Beverage equipment



Slushie machines



Juicer



## Features



### Inspired by Nature

Turns water into an effective and safe sanitizer.



### OSHA Standard

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

**NO<sub>x</sub>**  
Free

### Pure Ozone Water

Patented electrolytic O<sub>3</sub> technology, no nitrogen oxides for safe water.



### Fully Automatic

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



### Long Lasting

More efficient and longer life than the UV-C method.

## Specifications

Water Line Connection	1/2"
Dissolved O <sub>3</sub> Concentration	up to 0.1 ppm*
Control	Flow Switch
Max. Flow Rate	880 LPH (3.9 GPM)
Max. Pressure	7 kg/cm <sup>2</sup> (100 psi)
Consumable Lifetime	1000hr operation time**
Input Water Requirement	Filtered Clean Water***
Water Temperature	5 - 40°C (41 - 104°F)
Power	AC 100 - 240V, 50/60Hz, 5W
Protection Class	IP54
Dimensions; Weight (Net)	W73 x D118 x H108 (mm); 362g

\* Approx. 0.10 ppm in general condition of continuous flow performance (100 LPH). Actual performance may vary according to flow conditions, temperatures and influent water quality. [Standard Test Conditions: input water pressure 1.5 kg/cm<sup>2</sup> (20 psi), temperature 20°C (68°F), TDS 60 ppm]

\*\* 1000 hrs operation refers time in which the machine is generating ozone. For example, if the machine operates one hour a day in total it can last for 1000 days or around 2.7 years.

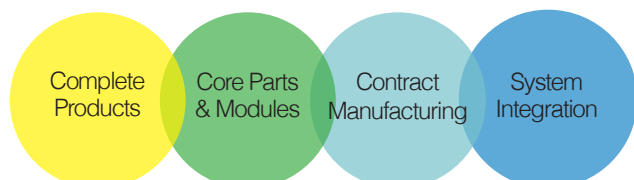
\*\*\* Recommended water quality is TDS 30-250 ppm, Hardness < 180mg/l as CaCO<sub>3</sub>

Note: PFDS Series does not replace water filtration.

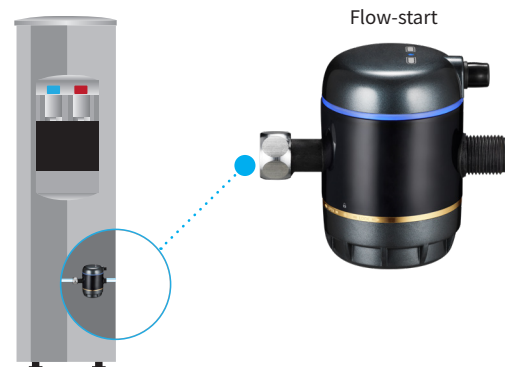
## About Us

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.



## Configuration



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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

Member of

**EUO<sub>3</sub>TA**  
European Ozone Trade Association



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

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