



# Electrolytic Ozonated Water Generator



C7120U



## INTRODUCTION

The Biosure C7120U ozonated water system provides safe and effective cleaning and disinfection for commercial needs and applications. The compact system can be motion sensor operated to protect against cross contamination. There are two ozonated water output programs: a hand disinfection program that auto shuts off after 20 seconds and a constant supply that provides continuous flow of ozonated water.

Ozone is a powerful oxidizer and disinfectant that reverts back to oxygen, thus it is safe to use and does not require a final rinse. It is US FDA approved for direct food contact and is the most effective and safest disinfectant available.

## PATENTED BIOTEK TECHNOLOGY:

- Electrolytic Ozone Generation (EOG)
- Pure Water System
- High Dissolution Technology
- Built-in Off-Gas Destruct Unit
- Complies with US OSHA safety

## ADVANTAGES:

- Tap water as the only required input
- NOx-free ozone generation (only ozone and oxygen produced)
- >3k hour lifetime ozone generator cell
- Powerful disinfection, eliminates pesticides, viruses, bacteria and without the use of harmful chemicals

## APPLICATIONS:

- Hand disinfection
- Ware wash, utensil and surface sanitation
- Food preparation and product wash

## INPUT SPECIFICATIONS:

- Input Water: municipal water
- Input Water Temperature: 5-30 C
- Input Water Pressure: 1.5-7.0 kg/cm<sup>2</sup> (17-99 psi)
- \* If the input water pressure is over 3.0kg/cm<sup>2</sup>, an exterior water regulator is required.
- \* If chlorine residual is over 0.1ppm, activated carbon (AC) filter is required.

## ELECTRICAL SPECIFICATIONS:

- Power Consumption: 80 Watts
- AC Input: 220-240V, 120-120V, 50/60Hz

## OZONATED WATER OUTPUT SPECIFICATIONS:

- Ozonated Water Concentration and Flow Rate
- 4.0 ppm @ 180 l/h (0-20 seconds)\*
- 2.0 ppm @ 180 l/h (0-20 mins)\*
- 1.0 ppm @ 360 l/h (continuous)\*
- Output pressure: 0.1-0.3 kg/cm<sup>2</sup>
- \* Test Conditions:
  - Input water pressure: 3.0 kg/cm<sup>2</sup>;
  - Input water Temperature: 15 C;
  - Ambient Temperature: 20 C;
  - Water Quality: ≤500 μs/cm
- \* The test results based on operating the ozonated water generator for 30 minutes.

## FEATURES:

- Compact POU (Point of Use) system
- Low water and power consumption
- Isolated electrical components for high humidity applications
- Various installation configurations: wall mounted, counter top, or under-counter with optional faucet attachment.

## APPEARANCE:

- ABS Material Enclosure
- Dimension: W330\*D190\*H410mm
- Net weight: 8.0 kg

## WARRANTY:

- Limited warranty for 1 year or up to 3,000 operation hours (whichever comes first)

### APPLICATION



#### HAND DISINFECTION

High concentration, dissolved ozonated water from the C7120 eliminates harmful bacteria, such as E. Coli, Staphylococcus, and Salmonella. Wash hands for 20 seconds with ozonated water to protect against contamination and the spread of bacteria and illness.



#### FOOD PREPARATION

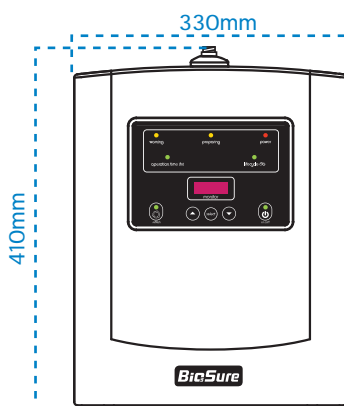
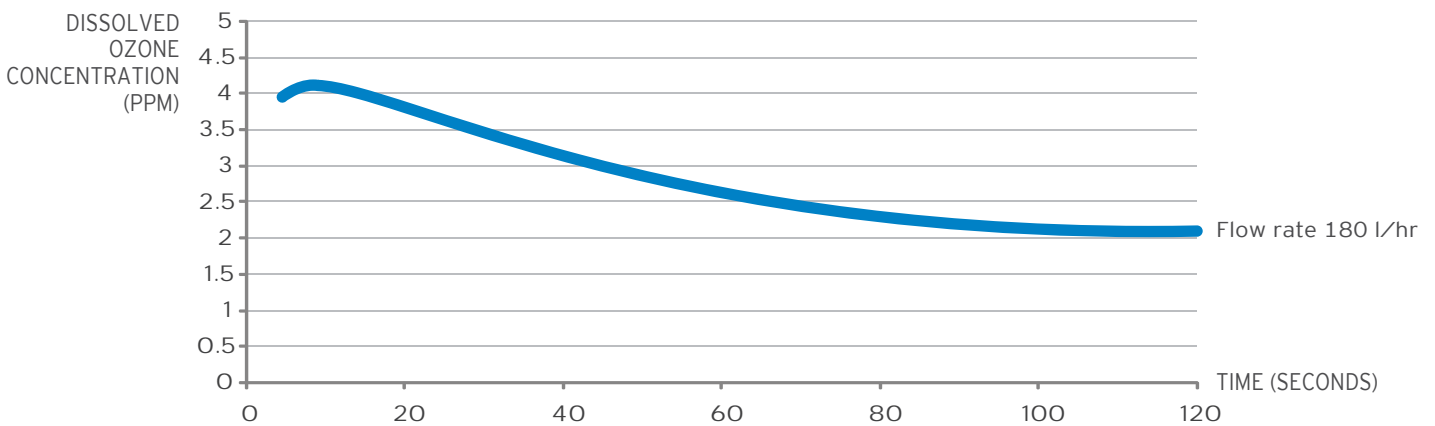
Ozone is safe for direct food contact and approved for use with organics. It removes bacteria, chemical residues, and off-odors from your vegetables, fruits, seafood and meats. Foods stay fresher longer. Use it to wash produce, prepare crisps salads, and thaw frozen products.



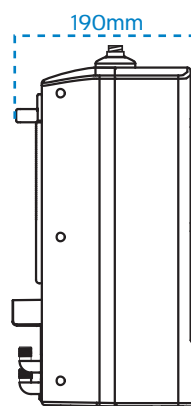
#### WARE AND SURFACE SANITATION

Sanitize all your ware such as knives, cutting-boards, utensils, bowls and cups with ozone and sterilize and deodorize surfaces, such as food preparation counters and work areas. Surfaces that contact raw meats and seafood especially require the disinfecting power of ozone. After removing the grease with your detergent, ozone can be applied during rinsing step to eliminate harmful bacteria.

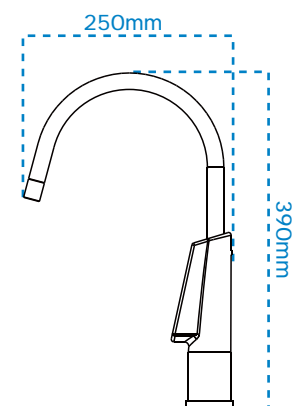
### OZONATED WATER OUTPUT CONCENTRATION CURVE



FRONT



SIDE



FAUCET