



IMS

Ice Maker System Electrolytic Ozonated Water Generator

The GO-3 model IMS is a water disinfection system, generating high purity dissolved ozone to be injected into the input water supply for high level disinfection of water and internal components.

Applications:

- Ice Makers
- In-storage bin and work surface disinfection
- Supermarkets
- Fish processors
- Restaurants
- Hotels
- Cruise ships
- Laboratories
- Water treatment



Features:

- Build in flow switch and pressure switch
- No PLC required
- No off-gas
- Replace UV lamp for water disinfection with additional residual
- Replace chemical dosing systems, no chemical redills or regular purchases required

Advantages:

- Tap water as the only required input
- Simple integration and automated operation
- Instant and Continuous flow of Ozonated Water
- Only O₂ released as byproduct
- Powerful disinfection, eliminates pesticides, viruses, bacteria and chemicals
- Meets strictest OH&S requirements
- No refilling, No maintenance
- Generator life over 3000/6000h (for higher than 70% optimal generation levels)
- Compact and Quiet

Power supply

- Power consumption: 120 watts
- AC Input: 200 ~ 240V, 100 ~ 120V, 50/60Hz

Input specifications:

- Input Water: municipal water
 - Input Water Pressure: 3.0 ~ 7.0 kg/cm²*
 - Input Water Temperature: 5 ~ 30°C
- * If the input water pressure is over 7.0 kg/cm², an exterior water regulator is required.

Output specifications:

- Ozonated Water Output Capacity: 180-300 L/hr
 - Ozonated Water Output Pressure: 0-1.5 kg/cm²
 - Ozonated Water Concentration: ≥0.3-5ppm
- * Test Conditions:
- Input water pressure: 3.5 kg/cm²
 - Input water Temperature: 15°C
 - Ambient Temperature: 20°C
 - Water Quality: ≤ 500µs/cm
- * The test results based on operating the ozonated water generator for 30 minutes.

Construction and Dimensions:

- All Stainless Steel body
- WxDxH: 28.50" x 10.60" x 16.40" (720mm x 270mm x 415mm)
- Ship Weight : 63 lbs (28.5 kg)

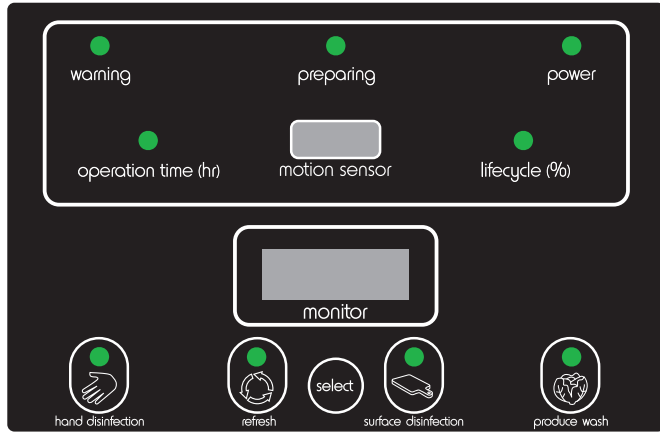
Warranty:

- 1 year parts and labor

Accessories:

- Prefilter, highly recommended for areas with particularly low quality municipal water

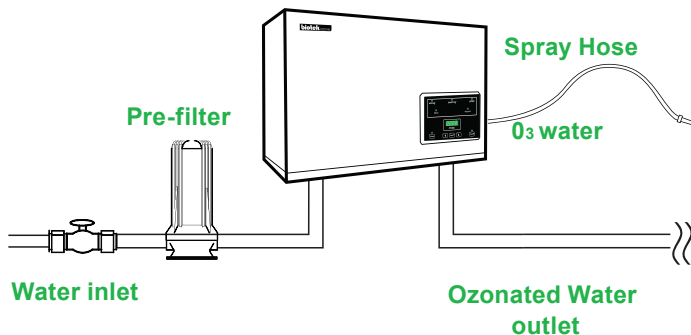
Control Panel



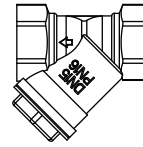
The life remaining of the RO filter, DI filter, Ozone Generator and Destruct Unit along with water temperature can be displayed by pressing the “select” button

Component Lifetimes

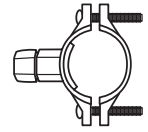
IMS Components	Usage per Day	Life
Reverse Osmosis Filter	3 hrs	4-6 years
Deonizer Resin Filter	3 hrs	2-3 years
Ozone Generator	3 hrs	2-3 years
Off-gas Destruct Unit	3 hrs	2-3 years



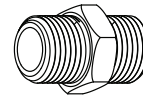
Standard Accesories



1/2" Pre-filter x 1



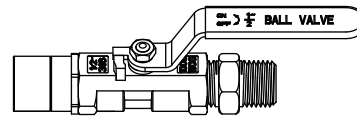
Drain outlet clamp x 1



1/2" Screw joint x 3



Drain outlet hose



Ball valve spray nozzle



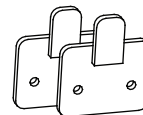
1/2" Input/Output hose
6.5 ft x 2 (2m x 2)



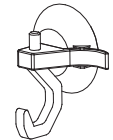
Teflon tape



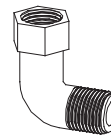
Plastic inserts and screws: M4 x 30 x 4



Mounting bracket x 2



Output water hose suction holder



Elbow



Rubber seal



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