

OWS-6000 SERIES

OZONE TECHNOLOGY THAT IS EASY TO INSTALL, OPERATE AND MAINTAIN.

The OWS-6000 Series industrial generators are built upon proven **PurFresh technology** which combines the best available corona discharge technology with patented thermoelectric cooling, microcomputer control and remote monitoring.

The generator includes oil-free, dry air preparation, ozone generating cells, power supplies and an on-board microcomputer. The microcomputer precisely controls all generator functions and can direct the supply of ozone to a single process or to multiple outputs for independently controlled separate processes. Service is accomplished by replacement of standardized plug-in modules. All components are safely housed in a NEMA 3R weather tight cabinet.

Combining the generator with OWS contacting, monitoring and control products provides for single source, cost-effective ozone treatment solutions.

Key Facts

- Reliable, safe cost effective
- Computer controlled operations
- Easily maintained
- Simple to expand capacity
- Patented on-board thermoelectric cooling eliminates need for cooling water
- Matching contacting, monitoring and venting systems available
- World-class service and support



Ozone Water Systems provides complete worldwide service and integrated custom designs for all disinfection and advanced oxidation processes up to 5000 lbs. per day. Here are just a few markets that utilize our industry leading ozone systems:



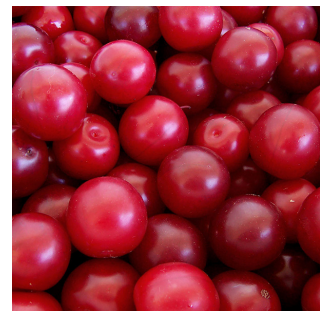
Aquaculture



Water Treatment



Food & Beverage



Cold Storage

OZONE WATER SYSTEMS OZONE GENERATOR: OWS-6000

SPECIFICATIONS

TYPE	Corona Discharge
CELLS	Modular multi-electrode ceramic dielectric, integral cell pressure regulator, Teflon seals
COOLING	Thermoelectric and air
MAXIMUM PRESSURE	12 psi
POWER SUPPLY	Modular, high frequency, resonant mode, computer controlled, monitored, LED indicators
CABINET	Welded aluminum, NEMA 3R, white finish (stainless steel optional)
OPERATING TEMPERATURE	10C to 38oC, 35oF to 100oF (air conditioned cabinet available for higher ambient temperatures)
POWER	208VAC 3 phase, L1, L2, L3 N, GND, 50-60 Hz
OZONE OUTPUT	1 - 8 lbs per day (1 - 4 cells)
OPTIONS	Dryer, external oxygen generator, external compressor
CABINET DIMENSIONS	78" x 34" x 22" (180 cm x 86 cm x 56 cm)

	AIR (PLANT AIR NOT REQUIRED)				OXYGEN (EXTERNAL OXYGEN SUPPLY REQUIRED)			
MODEL	6002	6004	6006	6008	6504	6508	6512	6516
NUMBER OF CELLS	1	2	3	4	1	2	3	4
NOMINAL OZONE (PPD)	1	2	3	4	2	4	6	8
CURRENT 208 VAC	7 Amps	8 Amps	9 Amps	10 Amps	2 Amps	3 Amps	4 Amps	5 Amps
WEIGHT	430 lbs	500 lbs	570 lbs	640 lbs	180 lbs	240 lbs	300 lbs	360 lbs

GENERATOR SCHEMATIC

