

# OXW-R Ozone Generator



The OXW-R Ozone Generator is designed to be a direct replacement for the GE Osmonics EO3 Ozone Generator. The OXW-R will produce up to 80 g/hr of ozone from an air cooled Ozone Generator with similar controls and identical remote control and interface as the original EO3 Ozone Generator which was originally built and sold by GE Osmonics.

## OXW-R TECHNOLOGY

The OXW-R Ozone Generator uses the Double Quartz dielectric used in many of our other air cooled Ozone Generators. The Double quartz dielectric corona cell uses a dual dielectric design to ensure the oxygen/ozone gas never touches the anode or cathode of the corona cell. This ensures the highest purity ozone production and longest lasting ozone generating cell possible.

The Double quartz dielectric is ideal in applications where water purity is imperative and ozonation by-products are an unwelcome addition to your process.

## SYSTEM FEATURES

- Up to 80 g/hr ozone production
- Efficient ozone generation
- Stainless Steel enclosure
- Wall mountable
- Visual Flow-meter (standard)
- Adjustable ozone output (standard)
- Integrated oxygen pressure regulator
- Easy to install and operate
- Remote control capable
- Direct replacement for the EO3

## APPLICATIONS

- Ultra-Pure water
- Pharmaceutical water
- Bottled water plants
- Cooling tower

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Model	O <sub>3</sub> Production	Oxygen Requirement	Dimensions (inchesHxWxL)	Power Requirement
OXW-40-R	40 g/hr	8 LPM	24" x 20" x 12"	120 VAC @ 10 amps
OXW-80-R	80 g/hr	16 LPM	30" x 20" x 12"	220 VAC @ 10 amps

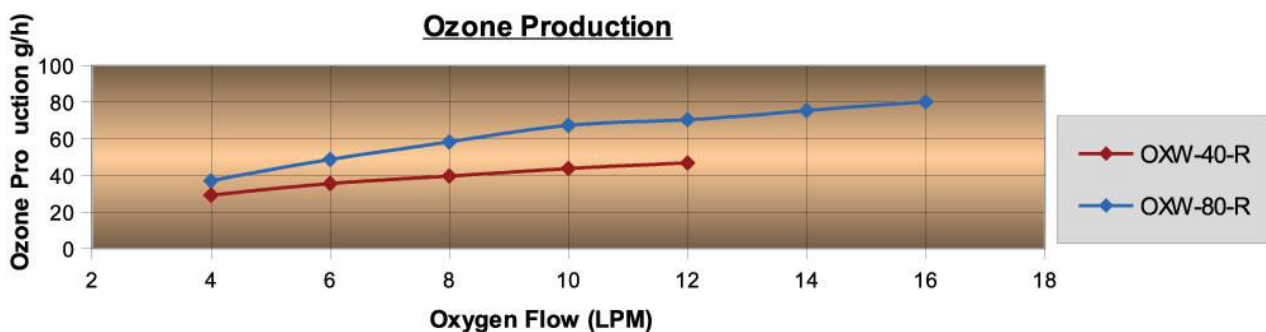
### TECHNICAL FEATURES

- Ozone produced from Corona Discharge
- Requires oxygen feed-gas for operation
- Internal cell protection to protect against damage from poor oxygen purity
- Double Quartz Dielectric design
- Corona cell can operate at up to 10 PSI pressure and as low as -5 PSI vacuum.
- 1-phase power at 50/60 Hz

### INTERNAL/REMOTE CONTROLS

- “Remote Enable” connection
- Ozone Generator output adjust from 0-100% via 4-20 mA connection
- Fault condition feedback connection
- “Ready” feedback connection based on oxygen pressure

### OZONE GENERATOR PERFORMANCE



### OPTIONS

- Integrated Oxygen Concentrator available – requires slightly larger enclosures
- Oxygen gas flow mass flow meter
- Ozone Concentration analyzer – real time ozone production rates
- High Temperature Alarm

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