

# Diamonox® Model 40 OSG Demo System

*Bringing the Power of Diamond to Electrochemical Water Treatment*



Advanced Diamond Technologies' Diamonox systems employ On Site Generation of powerful mixed oxidants such as hypochlorite, hydrogen peroxide, ozone and others, produced from a sodium chloride solution for the most effective and environmentally friendly water treatment available.



*Electrochemistry Made Robust*

*Above: Actual photo of Diamonox Model 40 OSG System*

## Benefits

- Self-cleaning via reverse polarity even with high calcium inputs
- Eliminates the usage & storage of hazardous chemicals
- 10x less cost than chemical delivery & 3x more effective; ROI in < 1 year
- Easier regulation compliance
- Environmentally friendly, reduces carbon footprint
- Reduced costs associated with the use of inexpensive salt, less energy usage, & no safety training
- Custom engineering & design available to meet your specifications

## Diamonox Model 40 OSG Demo System Specifications

- Produces equivalent of 2 gallons of bleach per day in terms of disinfection strength
- Max capacity of the system generates 38 gallons of .8% mixed oxidant solution, considered non-hazardous by the EPA
- Only inputs are salt, water, and electricity
- No water softeners, heaters, or acid cleaning systems needed
- 120 V AC outlet is required and uses a maximum of 230 Watts
- System footprint is 4x3 feet

## Applications

- *Cooling Towers*
- *Oil & Gas*
- *Clean in Place*
- *Ballast Water*
- *Desalination*
- *Aquatics*
- *ASHRAE 188P*
- *Waste Water*