

ADVANCED DIAMOND TECHNOLOGIES, INC.

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*

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This product is protected by one or more of the following U.S. and foreign patents:
5,989,511; 6,592,839; 7,128,889; 5,849,079; 5,772,760. Additional patents pending.
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