

Better Water at Lower Cost

Photo-Cat The Proven Chemical Free Oxidation Process AOP+

- ✓ Better Water at Lower Cost
- ✓ The Platform is the Plant
- ✓ Chemical Free Process
- ✓ Removes & Destroys Chemicals
- ✓ Removes Color, Taste & Odor
- ✓ Removes Pb, Hg, Cr6, Fe, etc
- ✓ Disinfects & Sterilizes
- ✓ Reduced Complexity
- ✓ Broad Temperature & Pressure Range
- ✓ Longer Service Interval
- ✓ Lower Cost Structure
- ✓ >99% Online Duty
- ✓ ANSI 61 Compliant
- ✓ > 25 Year Membrane Life
- ✓ Multiple Destruction Pathways
- ✓ Oxidation and/or Reduction
- ✓ Strongest Oxidation Potential
- ✓ Multi-Barrier
- ✓ Reduced Complexity
- ✓ 0-100% Turndown Capability
- ✓ Highest Oxidation Potential 3.18 – 4.8 eV
- ✓ Generic Off the Shelf Parts
- ✓ Promote Sustainability
- ✓ Destroys Forever Chemicals
- ✓ Precise, Tunable DO in ppm range
- ✓ Eliminates Annual Lamp Replacement
- ✓ Eliminates Wipers
- ✓ Eliminates Hydrogen Peroxide
- ✓ Eliminates Residual Peroxide Quenching
- ✓ Eliminates Ozone
- ✓ Eliminates Stabilizer Residuals
- ✓ Eliminates Bromate Production
- ✓ Eliminates Chemical Oxidant Storage
- ✓ Eliminates UVT Dependence
- ✓ Eliminates Pre-Treatment Requirements
- ✓ Eliminates THM or HAA Issues
- ✓ Eliminate Hydroxyl Radical Dependent
- ✓ Eliminates Generated Waste
- ✓ Eliminates Noise Issues
- ✓ Eliminates Off Gas
- ✓ Eliminates Injectors'
- ✓ Eliminates Micro Bubbles



Learn More: <https://www.youtube.com/watch?v=4QRzXWrvWc8&t=38s>





Photo-Cat Platform Size



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