



DEL: AOP[®]



POWERFUL HYDROXYL RADICAL OXIDATION



Certified to NSF/ANSI Standard 55, Class 1 and 2
Supplemental Sanitizer

MADE BY
CMP



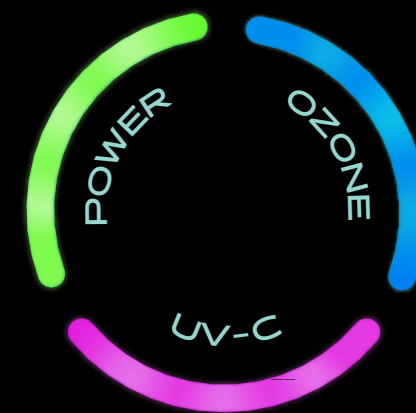
NEXT GEN AOP

The next generation of AOP is designed to give you everything you need in a **high-powered advanced sanitizer.**

HYDROXYLS ARE ABOUT TO GET A LOT MORE **RADICAL.**

SMART STATUS INDICATORS

Bold LED indicators on the front panel constantly display the current status of the monitored system. Smart programming *actively* monitors the ozone and UV sub-systems, and also alerts when it's time for regular service.



3RD PARTY CERTIFIED BY NSF

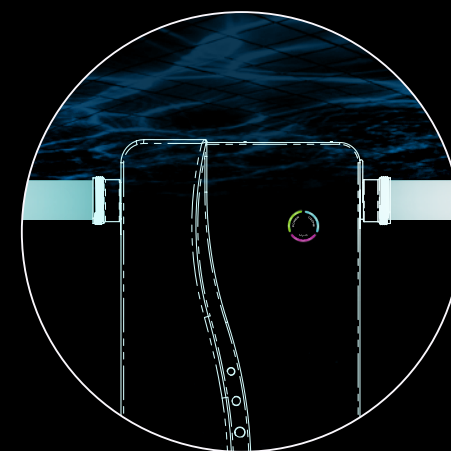
True NSF 50 Certification as a supplemental sanitizer. This system has been proven to eradicate 99.9% of influent bacteria—the only UV/Ozone combo system to receive this rating from NSF.



Certified to NSF/ANSI Standard 50 CCS #16534
Supplemental Sanitizer

FULL FLOW, ALL-IN-ONE

Simply connect to the system with two 2in union connections. 100% of the pool water flows through, so all of the water is treated inside the system with powerful hydroxyl radicals.



EXPERIENCE THE DIFFERENCE OF AOP

With the Advanced Oxidation Process, completely transform the pool water. AOP is the next wave of technology—now.

SAFER WATER



AOP destroys viruses & bacteria like **Giardia**, **E.Coli** and **Cryptosporidium**.

FEWER CHEMICALS



Powerful **oxidation** reduces chlorine required to maintain a **safe residual level** in the pool.

CRYSTAL CLEAR



Contaminants are destroyed and **filtration is enhanced** resulting in pure, polished water.

NO CHLORAMINES



By **breaking apart chloramines**, chlorine smell, itching and **irritation are prevented**.

PRODUCT FEATURES

- Two sizes treat up to 25,000 and 40,000 gallons
- Full flow generates hydroxyls in the primary pool circulation
- Sensors actively monitor UV-C and ozone sub-systems
- Single cabinet serviceable design
- Easy-access wiring path and terminal block
- APG2 ozone cells: higher output corona discharge, superior heat performance, durable design
- High flow UV-C chamber
- Variable speed pump compatible
- Built-in drain for winterization

TECHNICAL FEATURES

- Universal 110/240 Voltage
- Certified sanitization flow rates
- Quarter-turn cam lock door access
- 2in union inlet/outlet connections
- Custom-engineered venturi
- Topside UV-C lamp access
- Integrated flow switch



DEL AOP40
Powerful Ozone + UV-C Oxidation

SPECIFICATIONS

THE SCIENCE OF AOP

When germicidal UV light (UV-C) and ozone react the result is the production of hydroxyl radicals. This reaction is known as Advanced Oxidation Process, or AOP.

Hydroxyl radicals ($\bullet\text{OH}$) are the most powerful oxidation agents available, quickly destroying bacteria, viruses, pathogens and other contaminants that occur in water.

---- RELATIVE OXIDATION REACTION TIME COMPARED ----

CHLORINE
HOURS

OZONE
MINUTES

AOP
MILLISECONDS

DEL AOP 25

DEL AOP 40

VOLTAGE	110/240 VAC, 50/60 Hz, 0.7 Amps	110/240 VAC, 50/60 Hz, 1.1 Amps
PLUMBING	Inlet and Outlet 2" PVC Unions	
CERTIFIED MAX FLOW ¹	30 GPM	40 GPM
CERTIFICATIONS	NSF/ANSI Standard 50 Supplemental Sanitizer, cUL Listed, UL Listed	
MOUNTING	Floor or Wall Mount	
ENCLOSURE	CSA/NEMA 3 Indoor/Outdoor Installation	
DIMENSIONS	12 1/2" W x 13 3/8" D x 24 1/4" H	12 1/2" W x 13 3/8" D x 24 1/4" H
WEIGHT	Dry: 40lbs Wet: 64lbs Shipping: 55lbs	
UV-C LAMP	Low Pressure 16,000 Hr High Output UV-C Germicidal	
ULTRAVIOLET OUTPUT	254nm	
OZONE CELLS	One APG2 Corona Discharge Cell	Two APG2 Corona Discharge Cells
OZONE OUTPUT ²	215mg/hr	500mg/hr

SYSTEM COMPARISON

FEATURES	NEXT GEN DEL AOP®	OTHER AOP SYSTEMS
HIGH OUTPUT CORONA DISCHARGE	✓	✗
FULL FLOW TREATMENT	✓	✗
NSF 50 SUPPLEMENTAL SANITIZER	✓	✗
SMART SYSTEM MONITORING	✓	✗
SINGLE CABINET INSTALLATION	✓	✗

1. At or below the certified maximum flow rate each unit is certified as a supplemental sanitizer to NSF Standard 50

2. Standard verified output based on gas suction at nominal water flow rate, with minimum back pressure. +/- 10%, 70degF, 30% RH



ORDERING GUIDE

REF	CMP P/N	DESCRIPTION
A	53000-040-000	DEL AOP 40
B	53000-025-000	DEL AOP 25
—	MDV-100	MDV XL (MIXING DE-GAS VESSEL)

THE COMPLETE MODERN POOL®

Technology has come a long way, and so have pool sanitizers. By using the best available technologies, every pool can be crystal clear and absolutely safe. Combine powerful AOP sanitizing with a residual chlorine sanitizer for a total system.

CMP P/N	SYSTEM TYPE	DESCRIPTION
52000-220-000	CHLORINE GENERATOR	POWERCLEAN SALT ULTRA 320 - 20K GALLON SYSTEM - NSF CERTIFIED
52000-240-000	CHLORINE GENERATOR	POWERCLEAN SALT ULTRA 540 - 40K GALLON SYSTEM - NSF CERTIFIED
25280-150-000	IN-LINE TAB FEEDER	POWERCLEAN TAB ULTRA VS IN-LINE, CLEAR GLASS LID
25280-300-000	IN-LINE TAB FEEDER	POWERCLEAN TAB ULTRA OFF-LINE, CLEAR GLASS LID, 1.5" - 2"
25280-300-300	OFF-LINE TAB FEEDER	POWERCLEAN TAB ULTRA OFF-LINE, CLEAR GLASS LID, 2.5" - 3"