newaire™

Advanced Electronic Deodorizing Technology

HO3-2500

Hydroxyl + Ozone Air & Surface Treatment System

The **Newaire HO3-2500** combines two powerful deodorizing technologies in one versatile unit. Its photocatalytic hydroxyl technology uses UV light and a catalytic surface inside the unit to generate hydroxyl radicals (•OH), naturally breaking down odors, bacteria, viruses, and VOCs in the air for safe use in occupied spaces up to 2,500 sq. ft.

For deeper air and surface cleaning in unoccupied areas, the optional ozone mode provides enhanced treatment, making the HO3-2500 a flexible solution for commercial, restoration, healthcare, hospitality, and property management needs.

TWO POWERFUL TECHNOLOGIES, ONE COMPACT UNIT.

Feature	Hydroxyl	Ozone
How It Works	Uses UV light and a catalytic surface to generate hydroxyl radicals that react with airborne contaminants	Produces ozone, a reactive molecule that oxidizes odors, bacteria, and viruses
Primary Effect	Treats air, neutralizing odors, bacteria, viruses, and VOCs	Treats air and surfaces by breaking down contaminants
Safety	Safe for occupied spaces; people and pets can remain present	Unsafe for occupied spaces; area must be vacated during treatment
Speed	Gradual, continuous purification	Rapid, intense cleaning
Best Use	Routine air purification and deodorization while occupied	Deep cleaning or restoration in unoccupied areas
Coverage	Continuous cleaning up to the unit's rated space	Effective throughout the unoccupied treatment area

*Specifications may be subject to change without notice.

MODEL: HO3-2500

Coverage Area	**2,500 sq. ft.**
UV Bulb	**UVC Germicidal**
Photocatalytic Chamber	**Hydroxyl**
Chamber Life Expectancy	**25,000+ Hours**
Hydroxyl Timer	**24-Hour, Continuous**
Ozone Output	**1,000 mg/hr**
Ozone Timer	**0-60 Minutes**
Fan Output	**212 CFM**
Cabinet Material	**Brushed Aluminum ABS/PC**
Dimensions	**17"L x 8.2"W x 10"H**
Weight	**10.9 lbs.**
Volts / Hertz	**120 / 60**
Watts / Amps	**132 / 1.10**
Pre & Post Filter	**Carbon**
Power Cord	**8 ft.**
Warranty	**2 Years**

QUEENAIRE™ TECHNOLOGIES

DESIGN • ASSEMBLY • CUSTOMER SUPPORT

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EPA Establishment #105458-NY-1

Benefits of Using Ozone Generators

- ✓ **Destroys Odors at the Source**: Eliminates tough smells from tobacco, pets, food, mold, mildew, garbage, and renovations without masking them.
- ✓ **Cleans Air & Surfaces**: Actively neutralizes contaminants, not only in the air, but also in water, fabrics, walls, and ceilings.
- ✓ **Works Beyond the Machine**: Unlike filters or air purifiers, ozone spreads to where the problem is, seeking out and breaking down odor-causing gases.
- ✓ **Reduces Dust & Particles**: Ozone generators also produce ions that cause particulates to clump together and fall from the air, improving overall air quality.
- ✓ **Creates a Fresher Environment**: Leaves spaces cleaner, healthier, and more pleasant without the use of chemicals.

Benefits of Using Hydroxyl Generators

- ✓ **Safe for Occupied Spaces**: Deodorization and air purification can continue without disrupting business operations or requiring the space to be vacated.
- ✓ **Neutralizes Odor Naturally**: Hydroxyl generators work by replicating a natural atmospheric process that produces hydroxyl radicals (•OH), which react with and break down odor molecules, bacteria, viruses, and volatile organic compounds (VOCs) in the air.
- ✓ **Continuous Air Purification**: Hydroxyl systems provide safe, continuous, and effective use around people, pets, and sensitive materials.
- ✓ **Reduces Airborne Bacteria & Viruses**: Studies have shown that hydroxyl-generating systems are capable of reducing a broad range of airborne microorganisms.
- ✓ **Reliable & Low Maintenance**: Designed for everyday operation with minimal upkeep.

Maintenance Kits

Keep Your System Performing at Its Best

Any device that moves air through it needs regular cleaning and preventive maintenance—just like HVAC systems, automobile cabin air filters, or room air cleaners. Queenaire, Rainbowair, and Newaire systems are no exception. Routine maintenance helps your equipment operate safely, efficiently, and consistently to deliver the fresh, clean air you expect. That's why we provide maintenance kits for all of our products, making it easy to protect your investment and keep your system performing at its best.

Filter Kit
HG25FILKIT

Filter kit includes (12) 8" x 8" genuine carbon filter replacements and clear installation instructions for a fast, hassle-free replacement.

Light Kit
HG25LIGKIT

Light kit includes (2) UV-L10 germicidal UVC 254nm replacement bulbs, (2) safety gloves, (2) 4-40 x 3/8" socket cap screws, (1) Allen wrench, and clear installation instructions for a fast, hassle-free replacement.