newaire™

Advanced Electronic Deodorizing Technology

HG1500

Hydroxyl Air Treatment System

The **Newaire HG1500** uses photocatalytic hydroxyl technology to safely neutralize odors, airborne bacteria, viruses, and VOCs in spaces up to 1,500 sq. ft. Unlike ozone, it can operate while the area is occupied, making it ideal for offices, commercial spaces, healthcare, hospitality, and residential environments.

This technology replicates a natural atmospheric process, generating hydroxyl radicals (•OH) that react with contaminants in the air—providing continuous, chemical-free air purification for a healthier, fresher indoor environment.

AIR PURIFICATION & ODOR REMOVAL FOR OCCUPIED SPACES

Key Benefits:

- ✓ **Safe for Occupied Spaces –** Continuously purifies the air around people and pets.
- ✓ **Chemical-Free Odor Removal –** Neutralizes odors naturally without leaving residues.
- ✓ **Reduces Airborne Bacteria & Viruses –** Improves indoor air quality safely with natural processes.
- ✓ **Covers Up to 1,500 Sq. Ft. –** Effective for offices, commercial spaces, and residential areas.
- ✓ **Compact & Portable –** Lightweight design allows easy placement and deployment.
- ✓ **Low-Maintenance –** Provides reliable air purification for up to 24 hours with little to no maintenance.

*Specifications may be subject to change without notice.

MODEL: HG1500

Coverage Area	1,500 sq. ft.
UV Bulb	UVC Germicidal
Photocatalytic Chamber	Hydroxyl
Chamber Life Expectancy	25,000+ Hours
Timer	24-Hour
Fan Output	130 CFM
Cabinet Material	Brushed Aluminum ABS/PC
Dimensions	13"L x 6.5"W x 8.5"H
Weight	6.7 lbs.
Volts / Hertz	120 / 60
Watts / Amps	57 / 0.80
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

What Are the Benefits of Using a Hydroxyl Generator?

A true hydroxyl generator offers a major advantage over many traditional odor-removal technologies as it can be safely used in occupied areas. This means deodorization and air purification can continue without disrupting business operations or requiring the space to be vacated.

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.

While ozone generators can work more quickly in unoccupied areas, hydroxyl systems provide a safe, continuous, and effective alternative for use around people, pets, and sensitive materials. Studies have also shown that hydroxyl-generating systems are capable of reducing a broad range of airborne microorganisms as they pass through the treatment zone and are exposed to germicidal UV light.

What Is a Hydroxyl Radical?

Hydroxyl radicals (•OH) are highly reactive molecules naturally formed when UV light reacts with water vapor and oxygen in the atmosphere. Known as the "detergent of the air," they quickly break down odors, bacteria, viruses, and volatile organic compounds (VOCs) without leaving residues or posing health risks. Hydroxyl-generating technology safely replicates this natural process indoors to continuously clean and deodorize the air.

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
HG15FILKIT

Filter kit includes (12) 6" x 6" genuine carbon filter replacements and clear installation instructions for a fast, hassle-free replacement.

Light Kit
HG15LIGKIT

Light kit includes (2) UV-L15 germicidal 6" 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.