

The WAXIE® Dry Vapor Smoke & Odor Eliminator vs. Ozone Generator



Organizations require a quick and effective method for removing odor molecules from a broad range of materials in hotel rooms, offices, dormitories, hospital rooms, and other large commercial spaces, including hard (wall board, plaster) and soft (carpeting, upholstery) surfaces.

Until recently, Ozone Generators were the only solution available to facilities professionals, but the arrival of the The WAXIE Dry Vapor Smoke & Odor Eliminator – a safe, effective method for complete odor elimination – has changed things forever.

THE WAXIE DRY VAPOR MACHINE

The WAXIE Dry Vapor Smoke & Odor Eliminator was developed to provide a “dry” dispersion system for efficient and safe application of Fresh Wave IAQ Air & Surface Liquid, Fresh Wave IAQ Smoke Away Air & Fabric Liquid and WAXIE Solsta 640, non-toxic, non-hazardous natural odor eliminator. Minute dry vapor particles eliminate malodors on fabrics and surfaces as well as in the air, penetrating deep into carpets and upholstery, draperies and bedding, wallboard, and other surfaces.

OUR SCIENCE

Fresh Wave IAQ & WAXIE Solsta 640 are engineered from a proprietary blend of natural ingredients – plant oils and water – making it environmentally friendly and safe to use.

The science behind these products is based on four simple-yet-effective principles:

1. **Contact/Adsorption:** Product molecules released into the air make contact with malodor molecules via opposing electrostatic charges and random contact
2. **Solubility:** Product enhances the solubility of most gases
3. **Absorption:** Product molecules absorb and destroy odors on a molecular level
4. **Chemical Reaction:** Product modifies the malodor molecule to a non-odorous state
5. **Biodegradation:** Food for bacteria



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	The WAXIE Dry Vapor Smoke & Odor Eliminator	Ozone Generator
SAFETY	<ul style="list-style-type: none"> • Made with plant oils, food-grade surfactant, and water • Free from harsh chemicals and synthetic masking fragrances • Non-toxic and readily biodegradable • Classified non-hazardous under the Global Harmonized System (GHS) • ETL certified for safety and quality • Fresh Wave IAQ Air & Surface Liquid HMIS: Health – 0, Flammability – 0, Reactivity – 0 • Fresh Wave IAQ Smoke Away Air & Fabric Liquid HMIS: Health – 0, Flammability – 0, Reactivity – 0 • WAXIE Solsta 640 HMIS: Health – 0, Flammability – 0, Reactivity – 0 	<ul style="list-style-type: none"> • Highly reactive, toxic gas • Reactive with molecules in the air, and a potential to form harmful byproducts • Pungent smell • Potential for life-threatening illness caused by long periods of exposure (U.S. EPA, 1996a, 1996b) <p>https://www.epa.gov/indoor-air-quality-iaq/ozone-generators-are-sold-air-cleaners</p>
EASE	<ul style="list-style-type: none"> • Highly portable • Simple “plug and play” operation • Product output can be controlled, low to high • Run timer can be set for truly effortless use 	<ul style="list-style-type: none"> • Cumbersome operation
EFFECTIVENESS	<ul style="list-style-type: none"> • Eliminates odors quickly • Output intensity can be matched to odor severity • Minute particles provide more effective surface penetration over a greater surface area 	<ul style="list-style-type: none"> • Only works at high concentrations, which are considered harmful to public health by EPA, OSHA, and FDA
EFFICIENCY	<ul style="list-style-type: none"> • Operational while crews are working in the space – no stoppage of work is necessary 	<ul style="list-style-type: none"> • Area of operation must be free of all forms of life

Product/Equipment	WAXIE Item #
Fresh Wave IAQ Air & Surface Liquid	160416, 160417, 166200
Fresh Wave IAQ Smoke Away Liquid	166400, 166401
WAXIE Solution Station 640 Smoke Away	160028
The WAXIE Dry Vapor Smoke & Odor Eliminator (WAXIE'S Brand DVS45)	579100
The Stationary Vapor Phase Unit (DVS45-S)	570001
Dry Vapor System 25 with 120V AC Standard Plug (DVS25 A)	577950
Dry Vapor System 25 with 12V DC Auto Plug (DVS25 B)	A3025BAAA00 (Temp. Item #)

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