

# Health Care Solutions



## ELIMINATE ODORS

Even in clean, well-maintained facilities malodors can exist. Since 1979, our products have been tested and proven in cancer care, hospitals, nursing homes, VA hospice, long-term care facilities, and more. We meet health care requirements for safe and effective air treatment products, from home health care to surgery centers. Vaportek offers powerful, permanent removal of odors associated with incontinence or medical conditions to enhance your indoor air quality. Choose environmentally preferable odor control products and experience effective results, safe applications, ease of use, and minimal waste generation.

We offer dual-purpose solutions: odor elimination paired with aromatherapy scents. A new approach to better health!

## ODOR MASKING vs. ODOR NEUTRALIZATION

To mask is to increase overall odor intensity in order to forcibly “cover-up” an existing malodor. This means introducing a new odor that is more powerful smelling than the problematic odor you wanted to eliminate. It results in a further bombardment of perceived scents that does nothing to eliminate the source of the original malodor.

To neutralize is to eliminate or cause malodorous molecules to be imperceptible on a molecular level through direct counteractant measures with an additional compound, in this case, our essential oil compound comprised of plant, flower, and tree extracts. Malodor molecules are then changed through chemical interaction, called odor-pairing or encapsulation, into a new molecular form that either no longer smells or that is not volatile enough to be perceived. In this way, the malodorous molecule is lessened to the point of nonexistence as it has been broken down beyond recognition.

When Vaportek’s essential oil compounds are volatilized into the air as a dry vapor, they react directly with odorous molecules in the air. This molecular, chemical interaction allows Vaportek’s products to effectively neutralize organic malodors.

## WHY ESSENTIAL OILS

While Vaportek does introduce an additional fragrance (which some incorrectly attribute to masking) due to our complex formula of naturally occurring essential oils, it is the exact complexity of our oil formula that goes one step further to effectively eliminate the source of the malodorous molecules through encapsulation or odor-pairing neutralization technology. While there are many essential oils, not all of them are capable of neutralizing organic odors such as smoke, urine, skunk, and mildew. Vaportek has carefully crafted the correct blend of oils required for effective and permanent odor elimination. This is why Vaportek’s technology is so unique. Our formula of essential oils offer a broad spectrum neutralization of odor causing elements like aldehyde, amine, diamine, sulfide, lactone, carboxylic acid, ester, carbylamines, ketone, and other carbons. It is thanks to our essential oils that Vaportek may proudly claim to offer our customers a green solution for their malodor issues rather than be forced to seek out harsh chemicals and ozone



producing products. Many existing odor eliminating solutions expose both occupants and the professionals using the equipment to health issues like respiratory disease and lung damage. These products can cause harm to our natural environment too. Our technology is CFC-free, nontoxic, and VOC compliant.

## WHY DRY VAPOR

Vaportek further distinguishes itself from competitors with our dry vapor delivery technique which adds zero moisture to the treatment area and is otherwise imperceptible beyond the aroma of essential oils. Our technology doesn’t produce any harmful ozone or hydroxyl, doesn’t involve any fogging equipment, and isn’t as messy or sticky as gels and sprays. Dry vapor compounds have high mobility in the air and are able to safely penetrate porous substances such as wallboard, wood, carpeting, cement, insulation, and other surfaces in a way that competitors’ products cannot.

## PROVIDING IDEAL SOLUTIONS FOR:

- Hospitals & VAs
- Hospice Care
- Patient Rooms & Bedsides
- Cancer Treatment Centers
- Memory Care Units
- Dialysis Centers
- And more!



## AROMATHERAPY

Aromatherapy is a widely used practice that is increasingly offered to patients, particularly in hospice and memory care facilities. Essential oils are known to offer therapeutic benefits and can be used as a type of holistic therapy. Studies have shown that aromatherapy can improve sleep, relieve anxiety and depression, and enhance one’s overall quality of life.

Vaportek’s aromatherapy line was introduced in 1993 to help provide medical facilities, who had discovered the therapeutic benefits and unique aesthetic enjoyment of using essential oils, with the ability to enhance their indoor environments. By combining it’s extensive worldwide experience in air cleaning and odor control with experts in the field of aromatics, Vaportek developed its own innovative technology to safely deliver a variety of pleasing aromas throughout large open spaces or select interior areas. Our signature products are designed to broadcast an invisible, dry vapor. These innovative aromatherapy delivery systems dispense a customizable scent through the use of ready-to-use sprays or unique fiber and membrane technology. Natural essential oil formulations create effective, long-lasting dry vapor fragrance diffusions that can give your residents or patients the feeling of home. Best of all, these fragrances can be changed according to treatment goals or season!

## TREATMENT OPTIONS

Depending on the severity of the odor and the size of the area being treated, different Vaportek products may be appropriate. The following brief descriptions provide basic product guidelines for proper selection and application:

## FEATURED PRODUCTS

### Optimum 4000™



This product was first introduced to the medical market in cancer wards in 1979. The Optimum 4000 continues to offer an innovative, dual-purpose solution to either eliminate malodors at their source, or broadcast soothing aromatherapy scents.



Designed for constant deodorization, this electric unit is capable of treating **areas up to 20,000 ft<sup>3</sup>**. Adjustable dial on front of machine allows precise control of odor-neutralizing dry vapor. Virtually silent. Replaceable cartridges last up to 120 days. Available in various fragrances, including Simple Choice; Neutral recommended for most effective deodorization.

### Nature Fresh®



Millions of these units have been used worldwide to neutralize difficult odors in medical centers, hospitals, nursing homes, and more!

Nature Fresh barrels are easy-to-use, portable, and passive systems. The **3" barrel treats 1,000 ft<sup>3</sup> while the 5" barrel treats 2,000 ft<sup>3</sup>**. Electricity and batteries are not required—Nature Fresh

barrels rely on gentle air movement passing over the neutralizing element to constantly refresh the air. Barrels last up to 60 days. Available in Neutral and Winter fragrances.

## HEALTH CARE ESSENTIAL FRAGRANCES

**Neutral:** A clean, fresh fragrance blend of eucalyptus and pine that together create an effective, natural odor neutralizer. Ideal for treating areas with severe malodor.

**Winter:** A crisp fragrance built around spruce and white fur notes, with accents of clove and peppermint.



Our **Simple Choice** essential oil fragrances feature hazard and pictogram free SDS, zero Prop 65 ingredients, no GHS labeling requirements, and no shipping restrictions. Available fragrances:

- **Woodlands:** A complex blend of oils featuring pure essences of cedar and soft musk.
- **Floral Bloom:** A soft compound of oils which includes elements of flowers and ripe berries.
- **Honeydew:** A stimulating blend of oils with fresh summer notes of rain and sweet melon.

Ask to see our **Fragrance Guide** for more aroma options!

### Optimum 3000™



A dual air treatment system **ionizer**, designed for constant deodorization and air cleaning filtration. Electric unit is capable of treating **areas up to 12,000 ft<sup>3</sup>** and features a 3-stage air charcoal filter. Adjustable output of odor-neutralizing dry vapor. Virtually silent. Replaceable cartridge and filter lasts up to 90 days. Available in various fragrances; Neutral cartridge recommended for most effective deodorization and it is included with the initial purchase.

### Vaportronic® 2.0



Battery-operated cabinet capable of treating **areas up to 10,000 ft<sup>3</sup>**. On/off switch, adjustable pulsing fan. Effective up to 30 days. Use from 1-5 EZ-Disks. Available in various fragrances, including Simple Choice. Neutral recommended for most effective deodorization.

### ECOZ™ Aromatherapy Spray



A ready-to-use liquid featuring a safe, water-soluble formula combined with odor neutralizing ingredients for effective odor control. This 2 oz. spray is perfect for applications requiring immediate odor control. ECOZ aromatherapy sprays are a superior alternative to alcohol-based pressurized sprays. Available in Simple Choice fragrances.

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