



Vaportek Technology

People often ask whether Vaportek's technology masks or truly eliminates malodors. The answer: Vaportek eliminates organic odors.

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 permeant 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, carbamylamines, 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.

Trust Vaportek

Vaportek is the pioneering force behind essential oil, dry vapor technology. Vaportek is years ahead of imitation products crafted by companies who are still struggling to achieve the ideal balance of what we discovered and perfected in 1979. Place your trust in Vaportek and our original blend of oils for effective and permeant odor elimination. Beyond our 100% guarantee, we promise impeccable customer service, fair pricing, and a commitment to offer you an environmentally friendly solution for your organic odor problems. We believe in our products and are proud of what we produce. Try us first – we're all you'll need!