

# VaporWareZ

More Reliable Than Ever!

VaporWareZ was the OEM for VaporDoc

**FREE SHIPPING** to the United States  
On orders over \$75.00

HOME :: HOW IT WORKS :: PRODUCTS :: INSTRUCTIONS :: FAQ :: TESTIMONIALS :: CONTACT US

...not like the redesigned switch in the VaporCannon wasn't enough, now we have designed our own ceramic heater for a ZERO failure rate...



**Toll Free: 866-288-7795**

## How It Works

### THEORY

The vaporizer works by heating up the material above the temperature at which the natural oils will boil out, but below the temperature at which the plant material itself will burn. This is accomplished by drawing air over a heat source and then through the material.

There is an ideal temperature range that must be attained during the vaporization process. If the material is not heated up enough, then the valuable oils may not be fully volatilized and you will not get a proper hit. If the material is heated up too much then you can char or even burn the material. The temperature of the material can be controlled mainly by manipulating two variables; the temperature of the heat source (as indicated by the intensity of red/orange glow) and the speed at which the air is drawn over the material (a result of how hard the user inhales).

If you draw slowly, then each unit volume of hot air inhaled spends more time in contact with the plant material thereby resulting in more heat transfer to the material and higher material temperatures. If you draw faster, then the hot air has less time to heat the material before it has passed the material by. Therefore, the hotter the iron is, the faster that you will have to inhale in order not to char the material. Conversely, if the iron is cooler, then you will have to inhale slower in order to heat the material enough to vaporize the oils. This relationship can at first seem counterintuitive since not getting a good hit can result if the vaporizer is hit too hard (relative to the instantaneous temperature of the heat source). It will take a bit of practice to discover the temperature that works well for your own style of draw.

### ***The latest hot air vaporizer:***

- **Uses no combustion**
- **Tastes better**
- **More potent than before**
- **Variable Temperature Control**
- **Upgraded power**
- **Ultra-efficient**
- **Instantaneous.....No more stale vapors!**
- **Easy to use**
- **Much healthier**
- **Saves you money**

Vaporization occurs through a process that takes advantage of the physical properties of the nicotine resins. These resins turn into a vapor around 380 degrees F. and the material does not start to combust until well above that, say around 450 degrees F. or so. The material is heated until the nicotine resins volatilize into a thin, cool, clear oil vapor mist.

This bypasses the combustion process, leaves out all the side products and side gases of an actual self-sustaining fire. Heavy debris like ash, and obvious toxic gases like CO2 and carbon monoxide as well as several other highly noxious gases. Naturally the oil vapor is much cleaner, cooler and less irritating than the much hotter smoke, providing a more flavorful taste. Studies indicate that about 20% - 40% of nicotine is destroyed or flash-fried by hot gas lighters, leaving the transfer rate of actual nicotine in vaporizers higher than other devices of intake such as a tobacco pipe. Consequently, it is not only better for your health, but also a more efficient way to enjoy fine tobacco.

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