

# EVERYTHING YOU NEED TO KNOW ABOUT VAPORIZERS

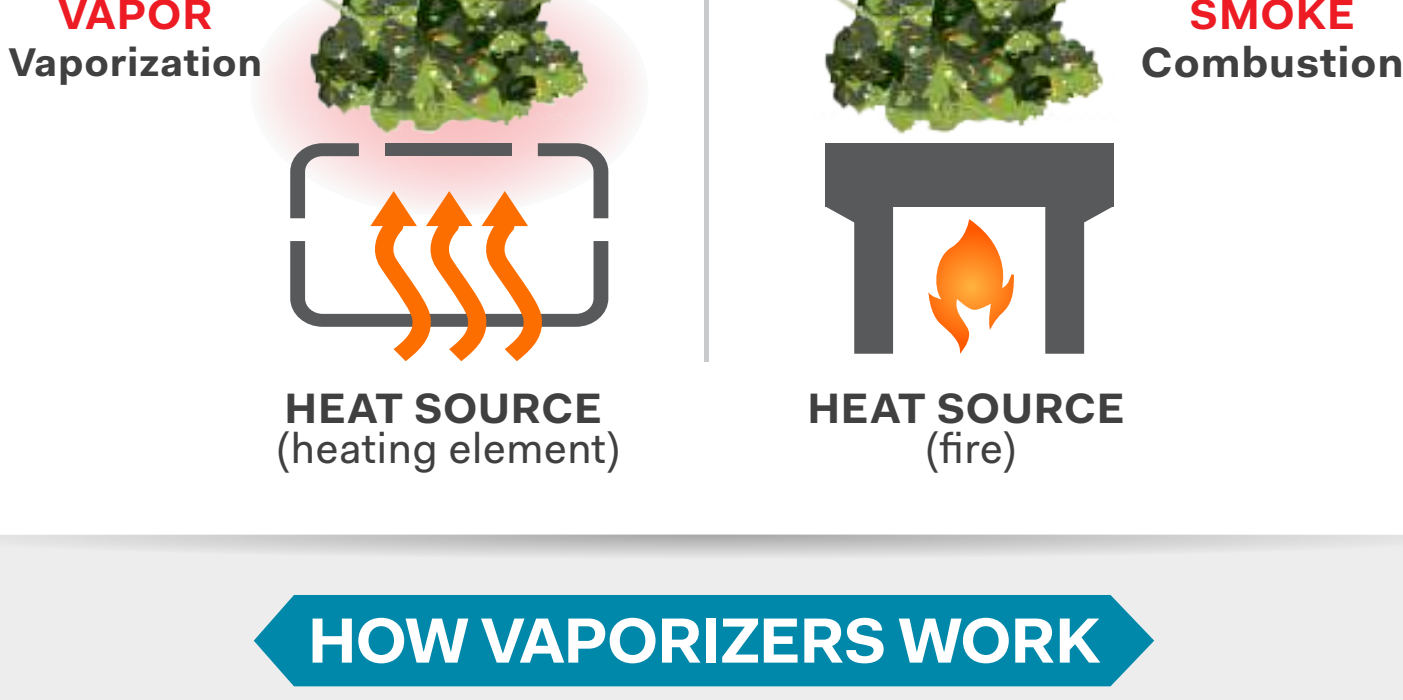


## WHAT IS A VAPORIZER

A vaporizer is an inhalation device used to release the active substances of organic or inorganic materials in a form of vapor through the application of non-combusting heat.



## VAPING VS SMOKING

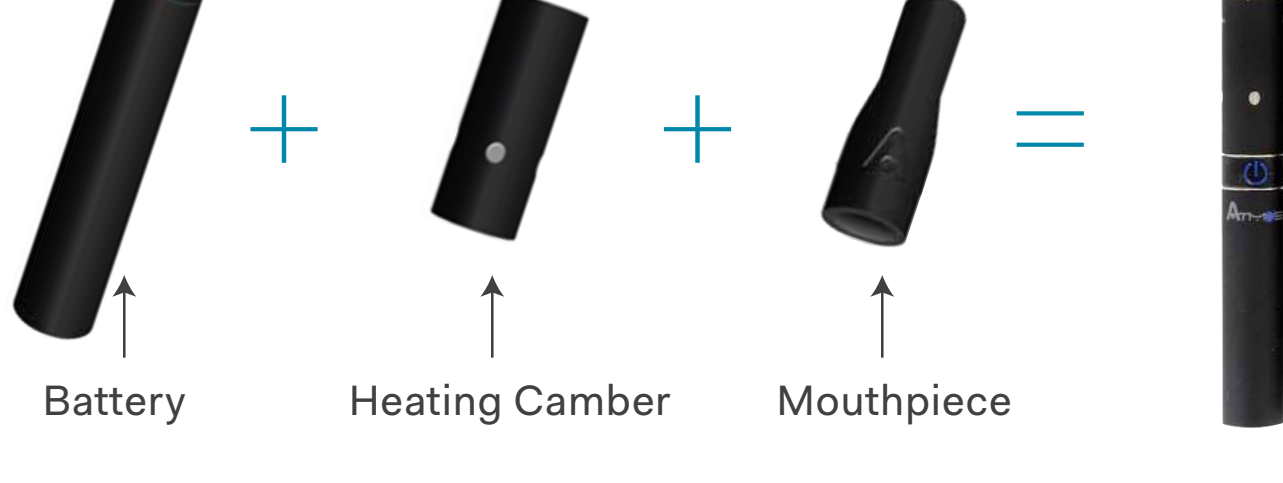


## HOW VAPORIZERS WORK

### CONDUCTION VS CONVECTION



## TYPES OF VAPORIZERS



## TYPES OF VAPE PENS

### DRY HERB VAPORIZER PENS



**PROS:** Cheaper, lightweight, portable.

### CONCENTRATES VAPORIZERS



**CONS:** The problem of combustion, solved in some models.

### ALL IN ONE VAPE PENS



## PORTABLE VAPORIZERS

- Wider body, with bigger-capacity herb and concentrate chambers or cartridges.
- Most models sport multiple temperature settings
- Screen displays that indicate vaporizing temperatures.



**PROS:** bigger herb capacity, no combustion for true vapors, customizable temperature



**CONS:** Bigger body means less discreet vaping, more expensive

## DESKTOP VAPORIZERS



- Biggest build with the largest material capacity
- Directly connects to the power outlet
- Can come in forced-air or whi-style



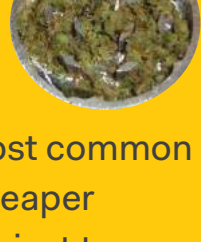
**PROS:** Bigger herb capacity, no combustion for true vapors, denser vapors



**CONS:** Requires external power source. Not portable. Most expensive types of vaporizers.

## MATERIALS FOR VAPING

### DRY HERBS



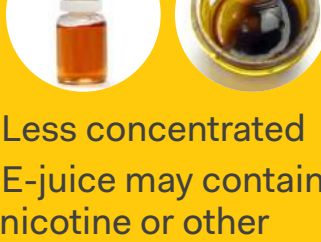
- Most common
- Cheaper
- Easiest to prepare

### WAXES OR WAXY OILS



- Stronger effects
- More expensive
- More vapors

### OILS, E-JUICE OR E-LIQUIDS



- Less concentrated
- E-juice may contain nicotine or other flavors

## MATERIALS TEMPERATURE



**50°C to 220°C**

Vaping Temperature

**230°C**

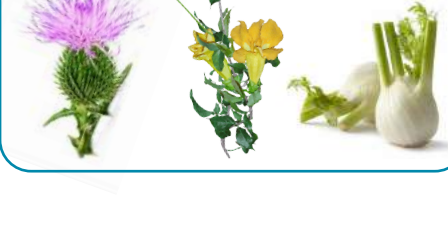
Combustion Temperature

## VAPORIZING TEMPERATURE FOR GROUND HERBS

### For low Temperatures (100°C up to 150°C)



### Medium Temperatures (up to 175°C)



### High Temperatures (up to 200°C)



## VAPORIZER HEAT-UP TIME

### 0-15 SECONDS

- Atmos Raw Rx
- Atmos Junior
- Atmos R2
- Atmos Jewel
- G Pen
- Micro G Pen
- Magic Fligh Launch Box
- Snoop Dogg G Pen Herbal Vaporizer

### 45-120 SECONDS

- Arizer Solo Vaporizer
- Da Vinci Vaporizer
- Da Vinci Ascent
- G Pro Herbal Vaporizer
- Iolite
- Iolite Wispr 2
- Pinnacle Pro

### 2-5 MINUTES

- Arizer Extreme Q
- Arizer V Tower
- Classic Valcano
- Digital Volcano
- Aromed 4.0 Vaporizer
- Da Buddha



### OIL SLICK MINI BALLS

- Effectively carries your wax or budder without the mess and sticky residue.
- One single, spill-proof and nonstick ball.
- Easy to store your budder inside as it just slides easily off from the container without leaving any residue, hence zero waste!



### GRINDERS

Make sure your constant supply of botanicals is thoroughly ground before using it with your vaporizer. The more minute surface areas are exposed to the heat source, resulting in better vapor quality.

- Grinders may come in acrylic, wood or metal.
- The grinder card - probably the simplest, cheapest and most lightweight grinder you can find for your favorite herbs. It's like a mini cheese grater with the exact shape and size of a credit card.
- Grinder cards are ideal for preparing small amounts of weed on the fly.

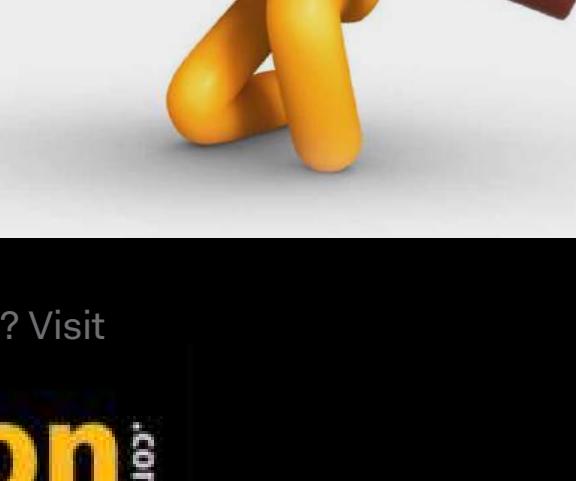


### GRINDERS ARE CLASSIFIED INTO

- 2-piece (simplest and smallest design),
- 3-piece (with a third chamber for herb storage)
- 4-piece (with an extra mesh screen for the collection of pollen) model.

## THE CONCLUSION

Whatever your vaping preference is, it always pays to know your vaporizer and how it works to optimize its performance. Knowing your perfect vape also helps you decide which brand or model to choose.



Which one is better for you? Visit

**smokazon.com**  
accessories for the ultra lifestyle  
for many more options and guiding info.

Leafscience - <http://bit.ly/1wUzY1M>

Vapornation - <http://bit.ly/10eGB2y>

Vaporizer-info - <http://bit.ly/10eGJz1>