

Mechanism of Vaporizers

Vaporizer is a device which heats up the herb to an optimum temperature to release its active ingredients. Thus the primary requirement of a vaporizer is its capacity to maintain the temperature just above the point of vaporization in order to obtain an optimum level of both efficiency and flavor, along with minimized production of harmful substances. Other points are the greatest level of safety for the user, ease of operation and application which is separate from the vaporizing process. The volcano vaporizer solves the problem of hot air generation by employing an astoundingly simple principle. The principle is that the air is pumped through a heated aluminum block and thus inevitably assumes the desired temperature. The diaphragm pump ensures that the air flow remains constant, and volumetric flow fluctuations are thus ruled out. Thus the volcano vaporizer has the most accurate temperature control of all vaporizers. One main distinguishing feature of the volcano vaporizers is the patented valve balloon into which the vapor generated is pumped.

This valve balloon can be completely detached from the device after filling and the contents inhaled at the user's ease. By this method it is ensured that the application is absolutely safe, as vaporization occurs previously and the user does not come into contact with glass, heat or electricity during inhalation. Benefits of using vaporizers include effect, purity and flavor. A volcano vaporizer releases flavor and active ingredients from plant material through vaporization by hot air. As the vaporization occurs the hot air passes through the plants. In this time duration the flavoring and active ingredients are free through controlled temperature. Because of the specific vaporization temperature of the plant material the ingredients are released into the air and can subsequently be inhaled. The technique of smoking or incensing releases ingredients through heat but the temperature is reached through combustion which has several disadvantages.

Also smoking involves the combustion, incensing the carbonization of plant material, followed by the unavoidable inhalation of toxic combustion by-products, which cause irritation of the respiratory tract as well as noxious odors. Smoking also causes the high and uncontrolled combustion temperature which further leads to the unnecessary destruction of the majority of the ingredients, squandering the original material without any effect. While vaporizing does the opposite. In this the ingredients are released in a gentle way and therefore you enjoy both health benefits as well as economic benefits. Here the plant material doesn't get burned and hence it is possible to vaporize the contents of the filling chamber several times until the aroma and ingredients are completely dissolved. As herbs go through optimum treatment thus the development of harmful substances and odors is reduced to minimum. Thus even non-smokers can find the vaporizer enjoyable.

About the Author

Savey Bakame is a retail saleswoman who has 20 years of experience buying and selling health products that are good technologically advanced. She specializes in helping her customers find the right health products from aromatherapy to finding the right [Volcano Vaporizer](#) for your needs.

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