

Zephyr® ION

OWNER'S MANUAL



**PLEASE READ AND PAY ATTENTION TO ALL INSTRUCTIONS
AND WARNINGS BEFORE OPERATING THIS DEVICE!**

Congratulations on your purchase of the Zephyr® Ion Vaporizer. Zephyr Vaporizers are widely considered to be the best aromatherapy vaporizers available on the market. The Zephyr Ion is product of years of research and development. We believe that aromatherapy enthusiasts deserve an affordable vaporizer that does not skimp on features. Our goal has been to design an aromatherapy vaporizer that is affordable to everyone, while offering more user friendly features than higher priced models. We ended up creating the most user-friendly aromatherapy vaporizer ever built.

The Zephyr Ion features a fully enclosed ceramic heating element to keep out impurities, and maximize vapor quality. Our heating system has 32 separate heat and air channels for even and consistent volatilization. We designed this complex heating system from the ground up in order to give you the best aromatherapy vaporizing experience possible.

We think you will be very happy with your new Zephyr Ion. Enjoy!

For updates, video tutorials, and guides, please visit us at
ZephyrVaporizers.com

This Box Includes

- 1 Zephyr Ion aromatherapy vaporizer
- 2 Mouthpieces (bags pre-attached)
- 2 Baskets
- 1 Liquid pad set
- 2 Replacement air filters
- 2 Replacement basket seal washers
- 4 Replacement bags with bag ties
- 4 Replacement screens
- 1 USB cord

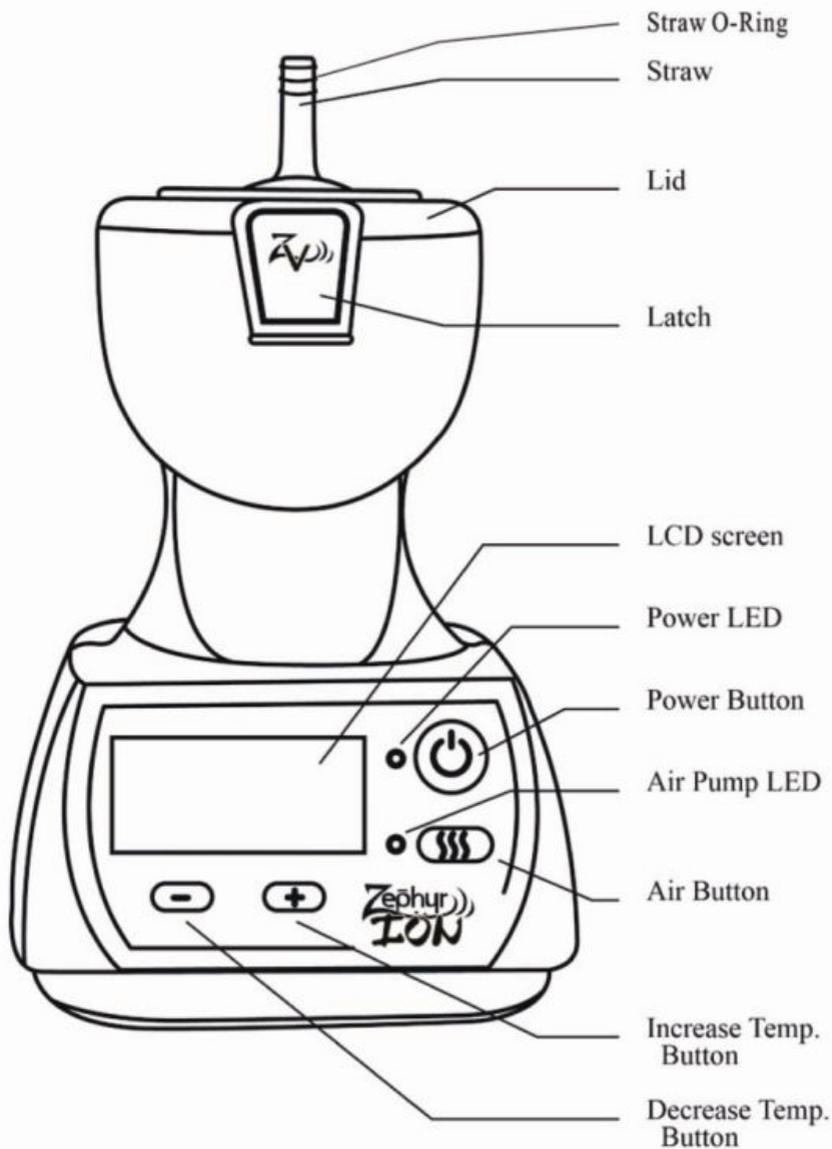
Specifications

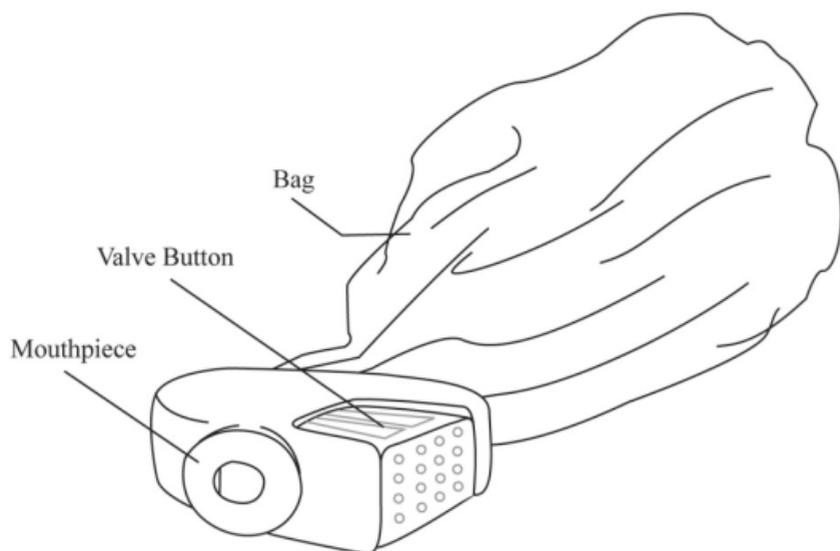
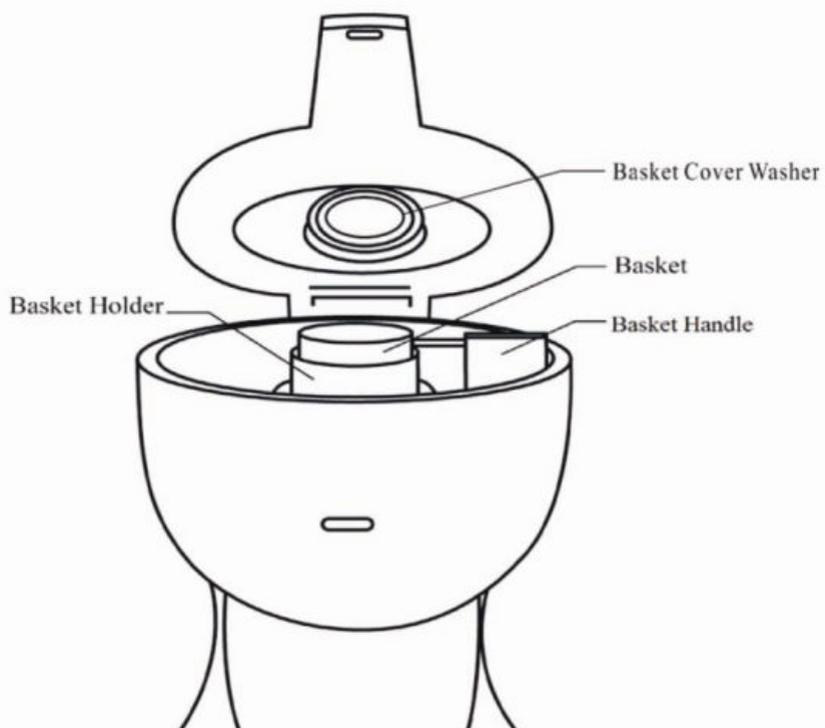
Voltage Input: 110 - 120V 50/60Hz

Temperature range: 100°F - 440°F

Features

- Fully enclosed ceramic heating element for superior flavor
- Vapor bag collection system
- Easy-to-use Ion push button valve (patent pending)
- 2 interchangeable valves included - Fill multiple bags
- Fully digital temperature control system - For precise vaporization
- Auto-memory function - Remembers your last temperature
- Forced air system - Electronically controlled air flow
- Large digital LCD display, with color changing screen
- Temperature display in Celsius (°C) or Fahrenheit (°F)
- Extra long power cord
- 2 year manufacturer limited warranty
- Adjustable auto-off timer
- Form and function! Designed by an artist
- Flip-top design for ease of use (Unlike other complicated systems)
- Quick start-up time
- Stainless steel basket and mesh
- High quality, more durable bag material
- Color coded bags and valves for easy identification
- Fastest air pump on the market
- Super quiet operation
- USB remote start function (compatible PC and software required)
- Enjoy your favorite essential oils with included liquid pad set





WARNING

Carefully read all safety information presented in this section before operating the device. Please retain these safety guidelines for future reference.

- *The Zephyr Ion is not licensed as a medical device. It is therefore not designed, intended, or recommended for use as a medical device.*
- *Keep the Zephyr Ion, accessories, plastic bags, and all other packing material away from children as they present potential choking and/or asphyxiation risks. This product contains small pieces and bag material that could pose potential suffocation/choking hazards.*
- *Before plugging in the device for the first time, verify that the voltage of the outlet matches the required voltage of the device.*
- *Immediately disconnect the plug from the outlet if you experience any problems with the device.*
- *Treat the power cord with care. Never operate when the power cord is damaged. Unroll it carefully to prevent kinking or tangling. Keep away from any potential shock sources. Keep the power cord away from liquids, external heat sources or sharp objects. Do not crush or bend the cord. If the cable becomes damaged in any way, please discontinue use.*
- *The use of multiple sockets, adapters and/or extension cables is not advised.*
- *Only operate this device on a stable, dry, and flat surface. Keep the device out of humid or damp rooms (i.e. bathrooms) and places where the temperature could drop below 40°F. Never immerse the device in or bring it into contact with water or any other liquids. Do not operate the device in damp or wet conditions. It is not advised to use this or any other electric device with wet or damp hands. Discontinue using the device if it gets wet.*
- *Do not open or attempt to repair this device. Opening the device will void your warranty and could endanger your personal safety.*
- *Do not put any foreign objects into the openings of the device. Keep the ventilation openings free of obstructions as it poses a fire hazard.*
- *Do not leave the device unattended during use. Switch off the power after use.*
- *Do not touch the ventilation openings or heated surfaces when the device is hot. Severe burns could result. Keep hair, body parts and other objects clear of the device and air stream when the device is on.*
- *Remove the basket from the basket holder and leave lid open when not vaporizing, to prevent unnecessary heat build-up.*
- *Never allow children or other unqualified individuals to operate the device.*
- *Do not use this or any other vaporizer if you are pregnant, ill, or under a doctor's care without first consulting your physician.*
- *Only use authentic Zephyr Vaporizer accessories with this device*

Aromatherapy Overview

The Zephyr Ion aromatherapy vaporizer releases active ingredients from aromatic plant compounds through a technique known as vaporization. During this process hot air is passed over aromatic plant material (listed on the following page). The hot air volatilizes the active compounds in the plant material, releasing their aromas, which are subsequently inhaled, into the air.

Because the temperature is specifically controlled, the Zephyr Ion's vaporization system offers a superior method for extracting active ingredients from aromatic plant compounds. Traditional methods require combustion to release the active ingredients in aromatic plant compounds, which may generate toxic byproducts that can irritate the respiratory track. Aromatherapy vaporization uses a controlled temperature below the point of combustion to release aromatic compounds. Because combustion does not occur during vaporization, the occurrence of toxic byproducts is significantly reduced.

List of Aromatic Plants

The plants listed below are suitable for aromatherapy vaporization. Before using any other aromatic plant compounds with this device please consult a reputable source, such as a licensed aromatherapist or herbalist. Do not use aromatic plants or aromatic plant compounds that are not recommended by a licensed aromatherapist or herbalist.

Name	Scientific Name	Recommended Temperature
Evening Primrose	<i>Oenothera biennis</i>	300° F / 149°C
Eucalyptus	<i>Eucalyptus globulus</i>	266°F / 130°C
Rosemary	<i>Rosmarinus officinalis</i>	349°F / 176°C
Lavender	<i>Lavandula angustifolia</i>	266°F / 130°C
Ginkgo	<i>Ginkgo biloba</i>	350°F / 177°C
Sage	<i>Salvia officinalis</i>	374°F / 190°C
Lemon Balm	<i>Melissa officinalis</i>	288°F / 142°C
Ginseng	<i>Panax ginseng</i>	350°F / 177°C
Thyme	<i>Thymus vulgaris</i>	374°F / 190°C
Chamomile	<i>Matriarca chamomilla</i>	374°F / 190°C

WARNING:

The Zephyr Ion aromatherapy vaporizer was designed and developed for vaporizing the aromatic plant compounds listed above or their essential oils. Any other use is inappropriate and potentially dangerous.

Factors That Influence Aromatherapy Vaporization

Vaporization of aromatic plant compounds may be influenced by a number of factors, including:

- **Quantity** – the amount of aromatic plant material put into the device.
- **Quality** – the concentration of aromatic compounds in plant material.
- **Temperature** – the degree of heat applied. Suitable aromatic plants have varying recommended temperatures, which are listed on the previous page.
- **Surface Area** – finely ground aromatic plant material maximizes surface area and vaporizes more efficiently.

The active compounds of aromatic plants are released over a period of time; the vaporization process may be repeated multiple times with the same aromatic plant material in the basket. Based on the above factors, aromatic plant material may provide multiple repetitions until all aromas and aromatic compounds are fully volatilized.

For suitable aromatic plant materials, increased temperatures may volatilize a great amount of aromatic compounds; however, increased temperature may result in hotter, less pleasant vapor and squander aromatic compounds.

The vapor density inside the bag should be watched. Fine, white vapor typically has the optimal flavor and aroma. Denser vapor may be too strong and in cases of overly great density may cause irritation to the respiratory tract.

NOTICE

The Zephyr Ion Aromatherapy Vaporization system is not a medical device and is neither designed nor intended to diagnose, treat, cure or prevent any disease or illness. Please consult your doctor if you have any health problems requiring attention. Just as common foods like bread, milk, and nuts may cause allergic reactions in some persons, in rare instances aromatic plants may induce adverse effects, including allergic reactions, and throat or stomach irritations. In such cases, the individual should discontinue use of the herb in question. Do not use aromatic plants or aromatic plant compounds that are not recommended by a reputable source, such as a licensed aromatherapist or herbalist. This statement has not been evaluated by the FDA.

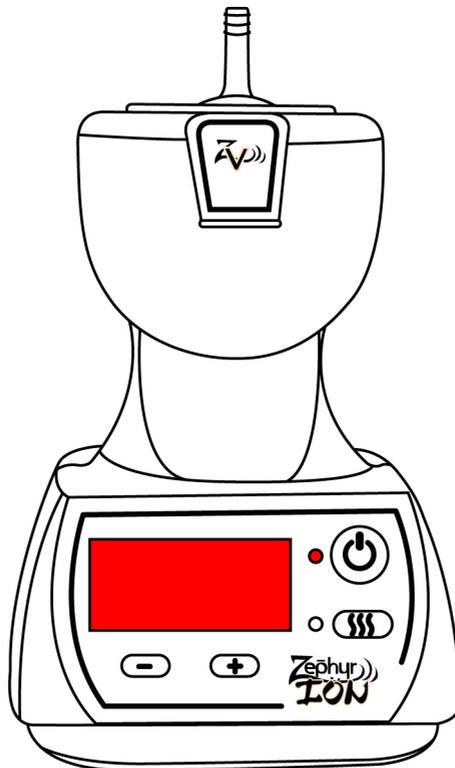
DISCLAIMER

All products manufactured by Zephyr Vaporizers are designed, marketed and sold for lawful, aromatherapy-related applications only. Products manufactured by Zephyr Vaporizers are not designed, marketed or sold for use with any illegal substances or compounds. The use of phrases, such as "herb(s)", "herbal", "herbal blend(s)", and "plant material(s)", on our website, marketing materials, and product literature refers to lawful, aromatic plants, such as eucalyptus, sage, and lavender.

Operating Instructions

*Please read all instructions and suggestions to get the best experience
from your Zephyr Ion aromatherapy vaporizer*

1. Inspect the Zephyr Ion Vaporizer and plug in the device

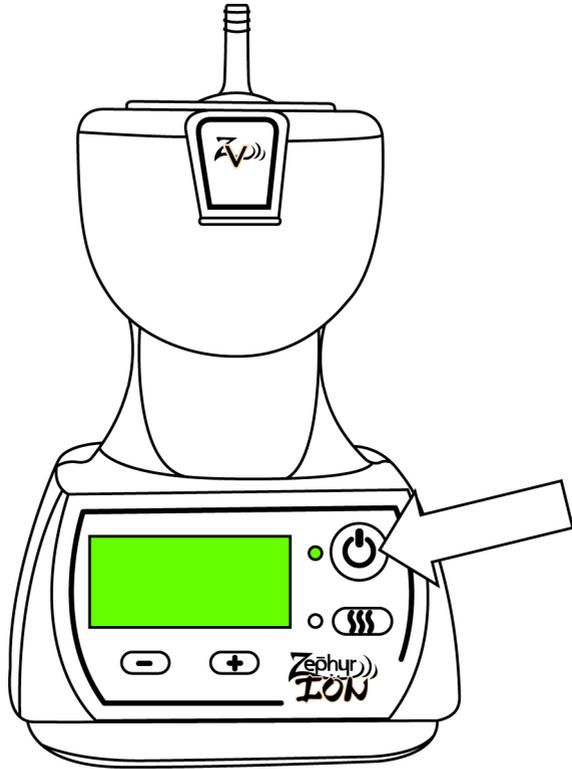


When the device is plugged in, the 'Power' LED and the LCD screen will glow red. This is to show that the device has power, although the device will not be on.

WARNING:

- *Before plugging in the device, inspect it for any obvious damage that might have occurred during shipping. If the protective housing or power cord show any cracks or damage, do not plug in the device.*
- *The Ion is designed to be used on a heat-resistant solid surface. Do not use the device on carpet or similar surfaces, as it may restrict the air flow.*
- *Never use the device near flammable material like pillows, blankets or curtains.*
- *Never leave the device unattended while hot.*

2. Set the temperature, and pre-heat the device



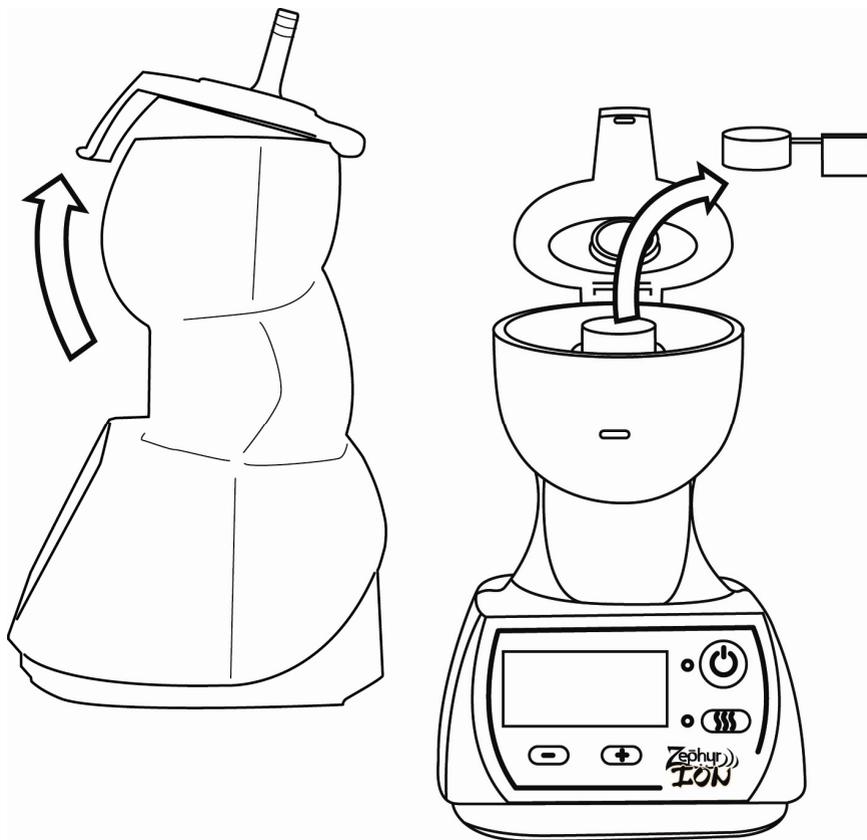
Turn the device on by pressing the 'Power' button once. The power LED will change to green to show that the heating element is on. The LCD screen will remain red and the desired temperature will flash as the device is heating up. Once the device has reached the desired temperature the LCD screen will turn green.

The default temperature is 100°F. To set your desired temperature use the '+' or '-' buttons. Please refer to the herb types chart on provided at the beginning of this manual for specific temperatures for various aromatic plant compounds.

WARNING:

- *When the heating element is on, all heated components will become hot.*
- *Never touch the hot surfaces.*
- *Keep away from children.*

3. Prepare the plant material and fill the basket

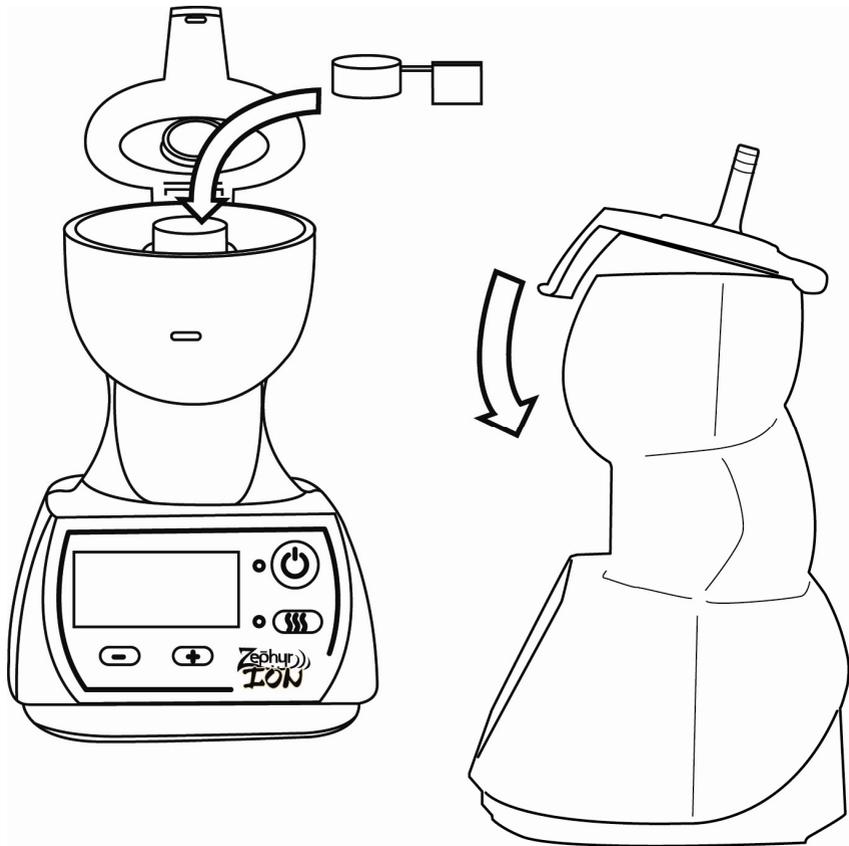


To prepare your aromatic plant material, you should first grind the material and then place it loosely in the basket. You can fill the basket as little or as much as you like (see **Factors That Influence Aromatherapy Vaporization** earlier in this manual). Typically, we recommend filling the basket between 1/3 and 1/2 full. The goal when grinding your aromatic plant material is to create as much surface area as possible for the hot air to flow over, so grind finely to maximize surface area and vapor. Never overfill the basket with aromatic plant material.

WARNING:

Never touch the basket holder while the device is on or hot, the basket holder will get extremely hot and will stay hot for a period after the device is switched off.

4. Place the basket into device



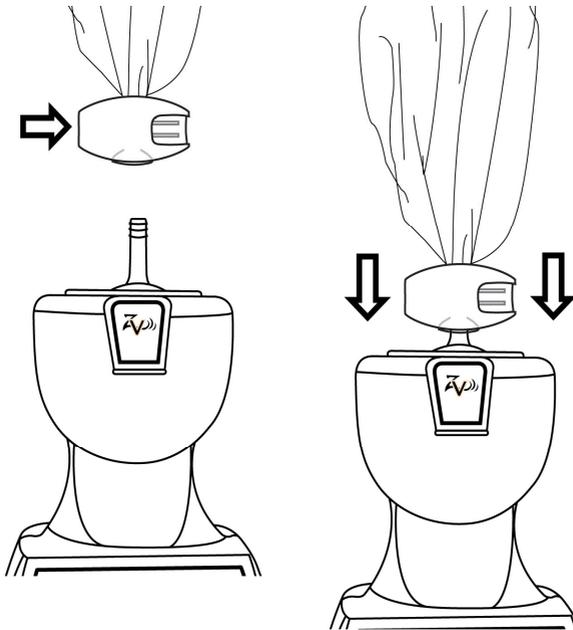
Once the desired temperature has been reached and the Ion's LCD screen has turned green, open the lid of the Ion and place the basket in the basket holder. Make sure that it is sitting flat before attempting to close the lid. The lid will close easily when the basket is seated correctly. Forcing the lid against an improperly positioned basket could damage the device.

If you drop aromatic plant material into the basket holder, it may prevent the basket from seating properly. You may need to brush or blow out debris to clear the basket holder. Be sure to unplug your Ion and allow it to cool down to room temperature before cleaning.

WARNING:

TO PREVENT UNNECESSARY HEAT BUILD UP, leave the lid open after the desired temperature is reached.

5. Familiarize yourself with the valve

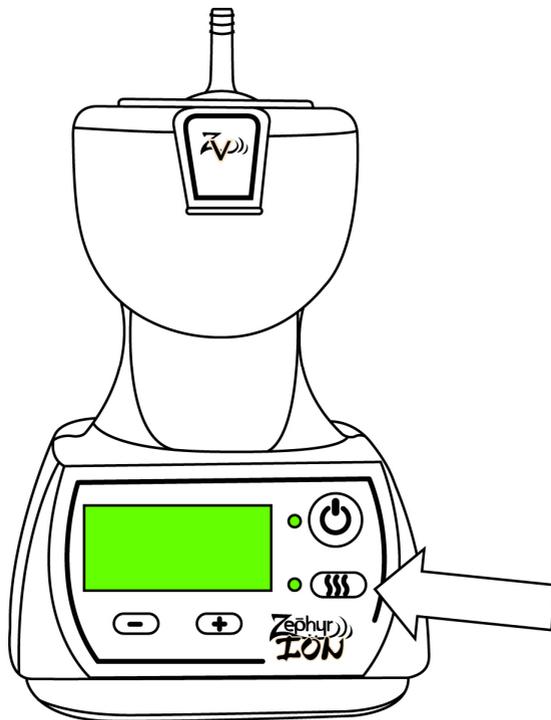


The Zephyr Ion uses a bag to collect vapor before inhaling. The bag method is widely preferred as the best method for collecting vapor. Collecting the vapor in a bag allows the vapor to cool before inhaling which minimizes irritation of the respiratory tract. The bag also allows the utilization of vapor without being wedged to the vaporizer itself.

The Zephyr Ion Valve (patent-pending) is an easy to use push button design. Press the valve button firmly to open the valve. Releasing the button will cause the valve to close. To connect the valve to the Ion for filling, press and hold the valve button all the way and then slide the open valve down onto the air straw. You can let go of the button once the valve is sitting properly on the straw; the straw is designed to hold the valve open. When properly attached, the mouthpiece of the valve will be flush with the top of the lid. We recommend practicing attaching the valve/bag assembly a few times before turning the device on so you are familiar with the technique. To remove the valve/bag, firmly press the valve button and slide the valve straight up and off of the straw.

Note: When lined up properly, the valve will easily slide down onto the straw. To avoid damaging the straw, never force the valve down on it. Never wiggle the valve side to side when attaching and detaching it from the straw.

6. Fill a Bag with Vapor



Press the 'Air' button to start the air flow and wait about 5 seconds before sliding the valve/bag attachment onto the air straw (it takes about 5 seconds for the aromatic plant material to heat up and aromatic compounds begin to volatilize). When the bag begins to reach capacity, turn the air flow off by pressing the 'Air' button again. Then remove the valve/bag attachment and also remove the basket from the basket holder. When you are done filling the bag, open the lid and leave it open to prevent the device from building up excessive heat.

Remove the aromatic plant material between bag fillings so that its active compounds are not squandered. Carefully open the lid and pick up the basket by the handle. Use caution when removing the basket and be aware that the surfaces inside of the lid, the basket area, and the basket itself can become very hot. The Zephyr Ion will keep the heating element at your desired temperature as long as the device is on. This will make subsequent repetitions quicker and easier.

WARNING:

Avoid overfilling your bags, as this could cause damage to the vaporizer.

7. Inhale the vapor

To inhale vapor, press the valve button and hold the mouthpiece of the valve against your lips. Inhale. Vapor is most effective right after it has been volatilized. The effectiveness will decrease the longer it is left in the bag.

Note: Once a bag is filled with vapor, we recommend using it within 10 minutes. Instead of using all of the vapor at once, many people enjoy the ability to inhale slowly over time using our bag/valve system. The bag is not suitable for storing vapor over long periods of time because it will condense on the inside of the bag

8. Fill more bags from the same basket of material

Depending on the quality of the aromatic plant material the concentration of aromatic compounds in it (see **Factors That Influence Aromatherapy Vaporization** earlier in this manual), you may be able to fill multiple bags from one basket of aromatic plant material. We have included multiple valves so that bags may be filled in succession. Vapor density will diminish as the active compounds in your aromatic plant material are completely volatilized. Once visible vapor is no longer being produced, remove and empty the basket.

WARNING:

KEEP THE LID OPEN, AND THE BASKET REMOVED WHEN NOT ACTIVELY FILLING BAGS. You may fill multiple bags at one time, and remove the basket when you are done. Or, if you are filling one bag at a time, remove the basket from the Ion and let it cool until you are ready to fill another.

9. Shutdown / Automatic Shutdown

When you are done using the Ion, turn the device off by pushing the power button. For safety reasons, we recommend unplugging the device when it is not in use.

The Zephyr Ion has an automatic shutoff safety feature. The default shutoff time is 1 hour (60 minutes). The shutoff timer will re-start from the last time you press any of the buttons on the Ion. You can adjust this automatic shutoff time by pressing the air button and the '+' button at the same time. Then use the '+' and '-' buttons to adjust the automatic shutoff time. When finished adjusting the auto-shutoff timer, press the 'air' button again to exit this setup screen. For safety reasons the maximum time is 3 hours (180 minutes).

WARNING:

The device will remain hot until it has time to cool. Never leave the device unattended while it is still hot.

Extra Bags

We have provided you with 4 extra replacement bags. We recommend replacing the bags every 1-2 months (depending on frequency of usage). To replace the bag material, first remove the old bag by snipping the bag tie that holds it to your valve. Place the valve inside the open end of the new bag. Distribute the bag material evenly around the grooved section of the valve. Allow the bag material to extend farther than necessary to ensure a good seal. Affix the bag onto the valve using one of the provided bag ties. Be sure to attach the bag tie securely to avoid leakage. Trim off excess material. Visit ZephyrVaporizers.com for additional information.

WARNING:

Bags and bag material are asphyxiation hazards. Keep out of reach of children.

Cleaning

For smooth operation, we recommend keeping your vaporizer well-maintained. After each use, once the device has been unplugged and cooled, remove any spilled aromatic plant material either by brushing or blowing it off. Regularly check the screen at the top of the basket holder, the screen at the bottom of the basket, and the screen at the base of the straw to ensure that they are not obstructed with plant material. Also, check the air filter on the bottom of the device. Ensure that none of these airways are obstructed with plant material. Rubbing alcohol can be used to clean off vaporizer components such as the basket, the basket holder, the straw, and the valve. Never pour any liquids on or in the Ion while cleaning it. Make sure that all components are completely dry before using again.

Liquid Pad

The Zephyr Ion liquid pad facilitates vaporization of the essential oils from the aromatic plants listed in this manual. The pad is constructed out of tightly bunched stainless steel wire, which act as a vehicle for essential oils: the stainless steel wire acts as a framework for essential oils just as plant fibers provide a framework for aromatic compounds in ground up plant material.

To use the liquid pad, place the basket on a paper towel (to soak up any spilled essential oil) and then place the liquid pad inside the basket. Using an eyedropper, drip the essential oil in an evenly distributed manner across the top of the liquid pad. The liquid pad is designed to hold up to 10 drops of essential oil. For essential oils with unknown concentrations, only use one drop at first to test. Increase the number of drops after testing to achieve the desired vapor quality.

To clean the pad, soak it in rubbing alcohol and then rinse it thoroughly. Once the liquid pad is clean, it can be reused with other suitable essential oils.

WARNING:

- *Essential oils may be highly concentrated and very small amounts may be sufficient. We do not recommend inhaling the vaporized aromatic compounds from essential oils directly, but instead filling the air with them by running the Zephyr Ion without the mouthpiece and bag attached. Mild essential oils from suitable aromatic plants may be used with the mouthpiece and bag; however, always start out with a very small amount and adjust upward to achieve the proper vapor quality.*
- *Essential oils become more liquid at high temperatures and if too many drops of oil are used, the oil may drip down into the heating element, which may result in damage to the device.*
- *Some essential oils may contain alcohol, which is used as a diluting agent and helps distribute the active ingredients in essential oils evenly throughout the liquid pad, increasing vapor quality. However, if such essential oils are used, alcohol should not be inhaled and must be separated from the active ingredients. To separate the alcohol, put the prepared basket and liquid filling pad with essential oil into the basket holder and close the Ion's lid. Set the temperature to 100°F and press the 'Air' button. Let the air flow through the basket and liquid pad for a few seconds until the alcohol has evaporated (Alcohol has distinctive smell. When this smell is no longer present, it indicates that the alcohol has evaporated). Then heat up the Ion and follow*

the operating instructions to vaporize the aromatic compounds in the essential oils. Suitable essential oils without solvents can be vaporized immediately after they are applied to the liquid pad.

Zephyr[®] Ion Warranty

Please Note: Opening the Zephyr Ion Vaporizer's housing will void the warranty. Please contact Zephyr Vaporizers for all service or repair needs.

Warranty

Zephyr Vaporizers ("Zephyr") warrants solely to the original purchaser that the Zephyr Ion ("Ion") will be free from defects in material, operation and workmanship under normal use for a period of two (2) years from the date of purchase. During this period, Zephyr or an authorized service center will repair or, if needed, replace any defects free of charge, provided that such defects occur during proper use of this product with regard to all directions, warnings, and guidelines detailed in this instruction manual, arise solely from faulty design, workmanship, or materials, and the defective product has been returned to Zephyr or an authorized service center.

Defects or damage that results from improper or unintended handling, maintenance, or use of this product are not covered by this warranty. The foregoing constitutes Zephyr's sole liability under this warranty. There is no entitlement to any refund of the purchase price whether in whole or in part. Zephyr shall not be liable under this warranty for any damage, direct or indirect, caused by the product during usage or otherwise. This warranty does not limit or in any way affect your statutory rights.

This warranty only covers defects in material, operation and workmanship; it does not cover wear and tear that occurs in the course of normal use of the product and is dependent on proper handling, maintenance, storage, and use as detailed in this instruction manual. Claims under this warranty will only be serviced if the product and the sales receipt or invoice stating the date of purchase, the purchase price and the name of an authorized dealer is packaged well and sent to either Zephyr or an authorized service center. Please retain the original packaging and use it for storage and shipping. This warranty is void if the product's housing has been opened or if the product has been disassembled in any manner.

Repairs and Service

In the event that the warranty period has expired or there is an issue with the product that is not covered by this warranty, the product may be returned to Zephyr or an authorized service center for repair. Zephyr will provide the customer with an estimate for repair. Once payment for the estimate has been received by Zephyr, the product will be repaired and returned to the customer. Zephyr is not responsible for any lost or damaged shipments.

Liability

This product is to be used and handled as directed by the operating instructions in this manual. The customer accepts full and complete liability for any improper or unintended handling, maintenance, or use of this product. This product is only intended for use with plants or aromatic plant materials identified by Zephyr or other reputable sources, such as a pharmacist or licensed aromatherapist.

THIS PRODUCT IS NOT DESIGNED, MARKETED, OR INTENDED FOR USE WITH ANY UNLAWFUL OR PROHIBITED SUBSTANCES OR COMPOUNDS. USE OF THIS PRODUCT WITH ANY SUCH SUBSTANCES OR COMPOUNDS MAY BE DANGEROUS AND WILL VOID THIS WARRANTY.

Repairs of this product may only be done by Zephyr or an authorized service center. For repairs done by an authorized service center, proof of the following must be shown: repair date, type of repair, and the name of the authorized service center. Repairs are to be carried out using only original Zephyr parts. Failure to adhere to any of the points or guidelines detailed in this instruction manual releases Zephyr from any and all liability.

Zephyr® Ion Vaporizer

Troubleshooting Guide

First steps

1. Check first that your Ion is plugged in and turned on.
2. There will be a red screen and red light when your Ion is plugged in and off.
3. If your Ion is plugged in and the lights are not on, make sure the outlet is working by testing with another appliance e.g. cell phone charger.

Ion will not heat up

- Set your Ion to lowest temperature, which is 100°F, then switch from Fahrenheit to Celsius then switch back to Fahrenheit. This process will reset the electronics for the heating element.
- To switch between F and C press both temperature control buttons at the same time.

Pump will not run

- Unplug the Ion, wait ten seconds, and plug the device back in.

Pump runs but will not fill bag

- Confirm that the basket and the basket cover washer (the silicon washer that fits into the lid/basket cover) are in place and seated correctly.
- Confirm bag valve system is firmly seated on the nozzle base.
- Confirm bag is not obstructing airflow into the valve.

Basket Cover Washer will not stay in place

- Clear area of any left over aromatic plant material
- Remove washer, press the outside edges of the mesh screen firmly into the center groove on the inside of the white nozzle/straw making certain to let the screen crease along the edge of the inside groove.
- Insert washer lip side facing the mesh screen, making certain the washer is seated snug and flat.
- If the above does not work, take the washer and the screen out. Clear any debris. Replace the washer first, then bend the screen into a dome shape and fit it into the washer with the point of the dome facing away from the lid and the sides pressed against the inside of the washer to hold it in.

Leaks

- *From inside Ion / under the Lid*
 - Confirm that the Basket Cover Washer is properly positioned and in place (see above).
- *From Valve*
 - Confirm that Valve is firmly seated on nozzle by pushing down firmly with the button fully depressed while twisting slightly around the straw.
 - Confirm that the bag is not obstructing airflow into the valve.
 - Confirm that the zip-tie holding the bag to the nozzle is situated with the zip-tie clasp oriented over the tip of the teardrop shaped silicon ring around the valve connection. Since zip-ties are not perfectly round when closed, this will ensure an airtight connection.

Should none of the above create the optimal experience with your Zephyr® Ion, please contact us directly and we will be happy to help optimize your aromatherapy experience.

www.zephyrvaporizers.com • 888-3-ZEPHYR • sales@zephyrvaporizers.com

**For all updates, technical support, video tutorials,
sales, and accessories visit us at
ZephyrVaporizers.com**

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