



STORZ & BICKEL GMBH & CO. KG



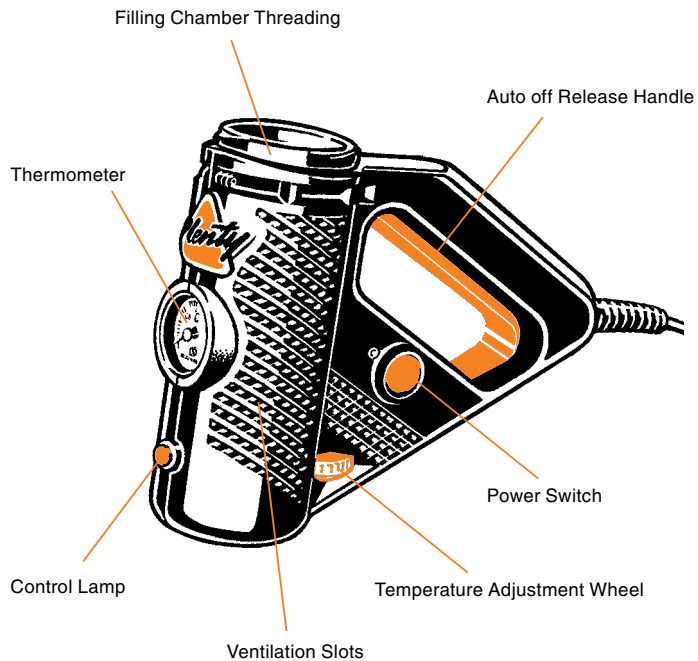
**Plenty**<sup>®</sup>

## INSTRUCTIONS FOR USE

Read carefully before using the device  
and save these instructions.

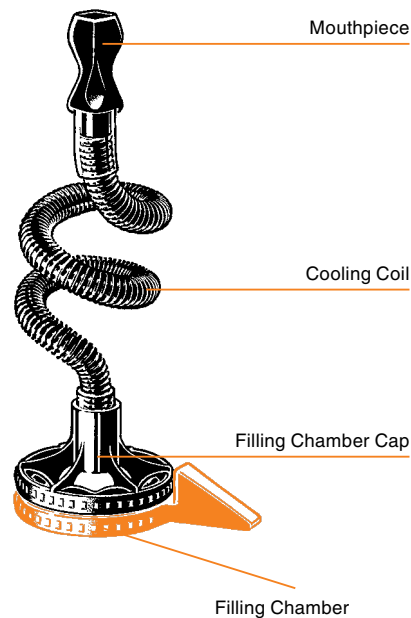
<b>Table of Contents</b> .....	Page
1. Product Overview, Service .....	4
2. Explanation of Symbols, Safety Recommendations.....	6
3. Intended Use.....	10
4. Overview of Plants.....	11
5. Factors Influencing Vaporization .....	12
6. The Hot Air Generator <b>PLENTY</b> .....	12
7. Commissioning and Operation .....	14
7.1. Heating Up.....	15
7.2. Temperature Setting.....	16
8. Filling the Filling Chamber .....	18
9. Application.....	23
10. Disassembling, Cleaning and Assembling.....	25
10.1. Disassembling and Reassembling the <b>PLENTY</b> Vaporization Unit .....	25
10.2. Disassembling the Mouthpiece.....	26
10.3. Disassembling the Filling Chamber Cap.....	27
10.3.1. Cleaning the Cooling Coil .....	27
10.4. Disassembling the Filling Chamber .....	28
10.5. Assembling the Filling Chamber .....	28
11. Technical Specifications .....	29
12. CE Declaration of Conformity.....	29
13. Warranty, Liability, Repair Service .....	30

## 1. PRODUCT OVERVIEW *PLENTY* HOT AIR GENERATOR



## 1. PRODUCT OVERVIEW *PLENTY* VAPORIZATION UNIT

Vaporization Unit, comprising:



## 2. SAFETY RECOMMENDATIONS

Please check whether all components have been included. If not, please inform the Storz & Bickel Service Center.

In case of technical problems, questions about the device, repairs, warranty claims and disposal of the device, customers in the US and Canada should contact the following address:

### **Storz & Bickel America, Inc.**

1078 60th Street, Suite A • Oakland, CA 94608

All other customers should contact the following address:

### **Storz & Bickel GmbH & Co. KG**

In Grubenäcker 5-9 • 78532 Tuttlingen, Germany



**Read the following safety recommendations thoroughly and carefully before using the device.**

These Instructions for Use are a significant part of the Vaporizer and must be provided to the user.

The instructions given in these Instructions for Use must be strictly observed as they are extremely important to ensure safety during

installation, use and maintenance of the Vaporizer.

Please keep this brochure in a safe place for future reference.

You may download the current Instructions for Use for the **PLENTY** on [www.storz-bickel.com](http://www.storz-bickel.com).

## 2. SAFETY RECOMMENDATIONS

### **Explanation of Symbols**



Please follow these instructions carefully!



### **Safety recommendations!**

In order to avoid injuries to persons and damage to the equipment, it is mandatory to observe instructions marked with this symbol.



### **Note/Tip!**

This symbol always gives you technical information or useful tips regarding the Vaporizer.



The device was introduced after 13 August 2005. It may not be disposed of in normal household waste. The X on the trash can indicates the necessity of disposing of this product separately.



EU conformity symbol:

The manufacturer confirms with this symbol the compliance of the product with the applicable European directives and standards.



**Nationally Recognized Testing Laboratory:**

additional requirements of UL 499 and CAN/CSA-C22.2 No. 64 have been tested on the basis of EN 60335-1.



Safety tested and production monitored by TUEV SUED Germany



### **Caution! Hot surfaces!**

Do not touch metal parts!



Keep away from sunlight.



Protect against moisture and humidity.

## 2. SAFETY RECOMMENDATIONS

### Safety Recommendations

- The packaging material (plastic bags, styrofoam material, boxes etc.) must be kept out of the reach of children as it is a potential source of danger.
- People who require assistance must be supervised constantly during application. Such persons often underestimate the hazards involved (e.g. strangulation with the power cord), thus resulting in a risk of injury.
- The device contains small parts which can block the respiratory tract and lead to choking. Therefore, make sure that you always keep the Hot Air Generator and accessories out of the reach of babies and infants.
- Before connecting the Hot Air Generator, make sure that the information given on the type label on the back side of the Hot Air Generator corresponds to the mains supply at the place of installation.
- If you have any concerns, ask a specialist to check whether the electrical system is in accordance with the local safety regulations.
- If there are any problems during operation, immediately pull out the power plug from the socket.
- It is mandatory to electrically ground the Hot Air Generator. The manufacturer will not bear any responsibility whatsoever if this accident prevention measure is not taken.
- The power cord must be unwound over its entire length (avoid rolling up and overlapping the power cord). It must not be exposed to any impacts and be kept out of the reach of children. Also, it must not be kept near liquids or sources of heat and must not be damaged. Do not wind the power cord tightly, nor pull it over sharp edges and never crush or kink it. If the power cord is damaged, please contact our Service Center to have it replaced. Never try to repair a power cord yourself!
- The use of multiple sockets and/or extension cables is not recommended. However, if this is absolutely necessary, only products with a quality certificate (such as UL, IMQ, VDE, +S etc.) may be used, provided the specified power exceeds the power required (A=Ampere) by the devices that are connected.
- After use, the Hot Air Generator must be placed on a stable, flat surface. To be used only at a sufficient distance away from heat sources (ovens, stoves, fireplaces), and in locations where the ambient temperature cannot drop below +5°C (+41°F). Store the Hot Air Generator in a dry place protected against the effects of weather and out of the reach of

## 2. SAFETY RECOMMENDATIONS

- children or unqualified persons. It must not be installed in damp locations (such as bathrooms, etc.).
  - Do not operate the Hot Air Generator close to flammable objects such as curtains, tablecloths, or paper.
  - Keep the Hot Air Generator away from pets (e.g. hamsters, mice) and other animals which could damage the insulation of the power cord.
  - The Hot Air Generator may only be repaired by our Service Center. Incorrectly performed repairs without the use of original spare parts can prove dangerous to the user.
  - Danger to life when opening the Hot Air Generator as live components and connections are exposed.
  - The Hot Air Generator must never be repaired or transported when the power plug is plugged in.
  - To pull the power plug from the socket, pull the power plug directly, never pull the power cord.
  - The Hot Air Generator must never be operated when the power cord is faulty.
  - Do not put any objects into the openings of the device.
  - Do not leave the Vaporizer unattended while it is being operated. After use, switch off the heater.
  - The ventilation slots and the hot air outlet of the Hot Air Generator may not be closed, obstructed, or blocked while the device is being used, nor while it is cooling down.
- Caution! Hot surfaces!**
- When they are hot, do not touch the exposed heat exchanger within the Filling Chamber Threading nor the metal Filling Chamber Cylinder.
  - Before cleaning, remove the power plug from the socket. The Hot Air Generator should be cleaned only with a dry cloth - or a damp cloth if absolutely necessary. Never immerse the Hot Air Generator in water or any other liquid, nor clean it with direct jets of water or steam.
  - The Hot Air Generator must not be used in damp or wet conditions.
  - Do not expose the Hot Air Generator to rain. Do not use in the bathroom or above water.
  - Never touch the Hot Air Generator with wet or damp parts of the body.
  - Never operate the Hot Air Generator when it is wet or damp. If the Hot Air Generator gets wet, it must be checked by our Service Center for damage to electrical components.
  - Do not use in an atmosphere with risk of explosion or ignition.
  - Never allow the Vaporizer to be used by children or unqualified persons.

## 2. SAFETY RECOMMENDATIONS

- Only use original Storz & Bickel accessories and spare parts.



**The manufacturer is not responsible for any damage or personal injury caused by inappropriate, incorrect or irresponsible use.**



The heat exchanger inside the Filling Chamber Threading and the Filling Chamber Cylinder are made of metal and become hot during operation. Do not touch them when they are hot!

**Caution! Hot surface!**

## 3. INTENDED USE

The **PLENTY** Vaporizer releases fragrances or aromas from the herbs and other plant materials listed below. These aromatic substances are released through vaporization by heated air, and may be directly inhaled.

The device may only be used with the recommended vaporizing media. The use of other substances can present a health risk.

The **PLENTY** Vaporizer is not intended for medical/therapeutic purposes.

## 4. OVERVIEW OF PLANTS

Below is an overview of the plants that are suitable for vaporization in the **PLENTY** Vaporizer.

The aromas and fragrances from the plant materials listed below may be vaporized.\*

Any other use is inappropriate and potentially dangerous.

Information and up to date news about plants suitable for vaporization will be published on [www.storz-bickel.com](http://www.storz-bickel.com).



### WARNING:

Please consult your doctor or pharmacist if you have any medical concerns. It is possible that some plants may cause allergic reactions for the user. If this occurs, it is urgently recommended to refrain from further use of such plants.

Plant name	Botanical name	Portion of the plant used	Temperature-setting
Eucalyptus	Eucalyptus globulus	the leaves	1 / 130°C (266°F)
Hops	Humulus lupulus	the cones	3 / 154°C (309°F)
Chamomile	Matriarca chamomilla	the blossoms	6 / 190°C (374°F)
Lavender	Lavandula angustifolia	the blossoms	1 / 130°C (266°F)
Lemon balm	Melissa officinalis	the leaves	2 / 142°C (288°F)
Sage	Salvia officinalis	the leaves	6 / 190°C (374°F)
Thyme	Thymus vulgaris	the herb	6 / 190°C (374°F)

Only use the plant parts which are found in this list and which have been verified according to the regulations of the European or any other pharmacopoeia with regard to genuineness, purity and pathogenic germs. You can purchase such plants or plant parts in pharmacies.\*

It is important to observe the following instructions in order to set the **PLENTY** Vaporizer with the plant material in the

best possible way for your personal requirements.

The **PLENTY** Vaporizer is not a medical device and is not intended to diagnose, treat, cure or prevent any disease.

\*This statement has not been evaluated by the FDA. The **PLENTY** Vaporizer is not a medical device and is not intended to diagnose, treat, cure or prevent any disease.

## 5. FACTORS INFLUENCING VAPORIZATION

The amount of aromas and fragrances released can be influenced by the following factors:

1. **Quality:** The amount of aroma or fragrance contained in the respective plant material that can be vaporized.
2. **Quantity:** The amount of vaporization material in the Filling Chamber.
3. **Surface:** The finer the plant is ground, the greater the surface and the more aromas and fragrances can be released during the vaporization cycle.
4. **Temperature:** The higher the temperatures, the more aromas and fragrances will be released at once.

Please note: Increasing the temperature should be the last resort, because plant material tastes more roasted when using higher temperature.

Since the plant ingredients are released in a gentle manner, the vaporization cycle may be repeated with the same contents in the Filling Chamber. Depending on the four factors described above, the Filling Chamber contents may be reused multiple times until the aromas and fragrances are released completely.

If no more vapor is produced at the highest temperature, then the vaporization material is completely exhausted and must be replaced with new material. However, for the best aroma results it is advisable to replace the vaporization material before this point.

## 6. THE HOT AIR GENERATOR *PLENTY*

### Unpacking

The box contains all components as well as the Instructions for Use. Keep the Instructions for Use for future reference.

Remove the Hot Air Generator and the accessories from the box. Immediately after unpacking, check whether the Hot Air Generator, the accessories, the power cord and the power plug are all included in the delivery and work properly. If you notice any defects, inform the seller or the delivery agent immediately.



The packing material (plastic bags, styrofoam material, boxes etc.) must be kept out of the reach of children as it is a potential source of danger.

Please dispose of the packing material in a proper and environmentally friendly manner.

We recommend keeping the original packaging in case it is required later (transport, Storz & Bickel Service Center etc.).

## 6. THE HOT AIR GENERATOR *PLENTY*

### Power Connection

Before connecting up the Hot Air Generator, make sure that the information given on the device's type label corresponds to the local power supply voltage.

All parts of the electrical system must comply with currently applicable official regulations.

It is mandatory to electrically ground the Hot Air Generator. The manufacturer will not bear any responsibility whatsoever if this accident prevention measure is not taken.

Place the heated Vaporizer only on a hard, stable surface, and not on any soft or heat-sensitive material.

Take care that the power cord cannot be damaged through kinking, crushing or pulling.



Improper installation may lead to personal injury or material damages, for which the manufacturer cannot be held responsible.

### Application and Operation



This Vaporizer was developed for vaporizing the plant materials listed in the plant overview. Any other use is inappropriate and potentially dangerous.

The user should always follow the instructions listed here for use and maintenance; the device should only be used in a sitting position.

If you have any concerns, or if there are any problems immediately switch off the Hot Air Generator and pull out the power plug from the socket. Do not try to remedy the defect yourself. Contact our Service Center directly.

After using the device, allow it to cool down before placing it in storage.

### Storage

Store the Hot Air Generator in a dry place protected against the effects of weather and out of the reach of children or unqualified persons.

### In Case of Problems

Immediately unplug the power cord and ensure that no one can connect the Hot Air Generator to the mains supply again without this being noticed.


Before any maintenance work is done, the device has to be switched off and the power plug unplugged from the power supply.


Put the Hot Air Generator in the original packaging, or pack it properly in other packing material, and send it to our Service Center.

### Troubleshooting

Please make sure that the current is on and that the fuse (in the mains fuse box) is switched on and is not defective.

## 6. THE HOT AIR GENERATOR *PLENTY*

 If the preceding tips do not yield the desired results, or for any other defects or problems not mentioned here, please unplug the power plug and contact our Service Center immediately.


 Do not open the Hot Air Generator! Without special tools and specialized knowledge, any attempt to open the device will cause damage to it. Such an attempt will invalidate the warranty claim.

Do not try to remedy the defect yourself. Contact our Service Center directly.

### Disposal

If the Hot Air Generator is irreparably damaged, please do not simply throw it away. As it is made of high quality, completely recyclable component parts, it should be brought to a material recycling center in your town or sent to our Service Center for disposal.

## 7. COMMISSIONING AND OPERATION


 Do not leave the device unattended during operation. Place the *PLENTY* Vaporizer only on a hard, heat-resistant, flat, stable surface, never on soft surfaces or flammable material. Check whether the power supply voltage corresponds to the voltage rating listed on the device. The power cord and plug must be in perfect condition. Connect the device only to a properly installed (electrically grounded) socket.

The manufacturer will not bear any responsibility whatsoever if this accident prevention measure is not taken.

Please unplug from the mains socket to completely disconnect from the mains power supply.

## 7. COMMISSIONING AND OPERATION

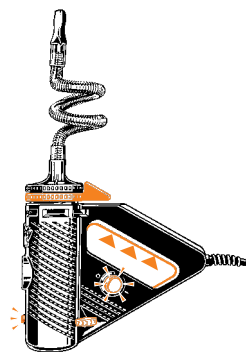
### 7.1. Heating Up

 Turn the device on with the orange power switch (it is recommended to fill and attach the Filling Chamber and Cooling Coil before warming up the Hot Air Generator).

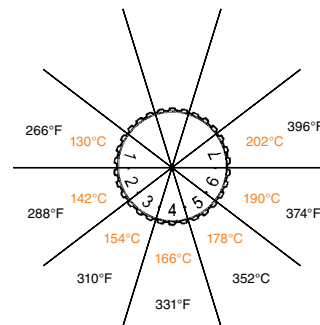
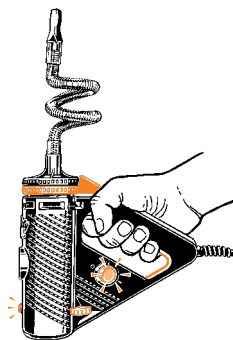
The power switch lights up to show that the heater is operative. If the auto off release handle has already been activated, then the heating process begins automatically.

Otherwise the heating process must be started by pressing the orange auto off release handle.

The heating process is in progress when the orange control lamp is lit. The desired temperature may be set with the temperature adjustment wheel. Warming up the heat exchanger may take up to 4 minutes, depending on the temperature set.



*Press the auto off release handle to activate the heating process*



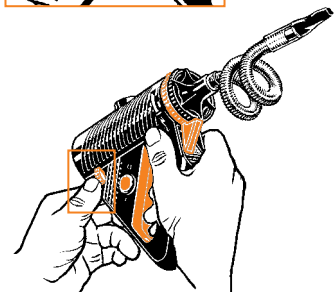
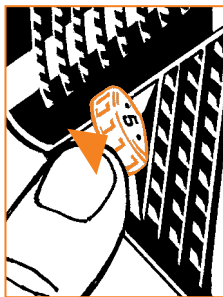
*Vaporization temperature scale*



### 7.2. Temperature Setting

The vaporization temperature may fluctuate by up to  $\pm 3\%$  in comparison to the stated values because of the heating and cooling processes in the heat exchanger.

Select the desired temperature with the adjustment wheel of the temperature safety regulator.



Choose temperature



The **PLENTY** Hot Air Generator is equipped with a temperature safety regulator.

When the auto off release handle is first activated and the set temperature is reached, the heating process is terminated and the heater is turned off.

If the auto off release handle is pressed while the **PLENTY** is held in the hand during operation, then the set temperature level will be automatically retained.

Once the temperature of the heat exchanger cools off, an automatic reheating will not occur; instead the cooling process continues until the orange auto off release handle is pressed again.

As soon as the orange control lamp turns off, the set temperature has been reached, and the heat exchanger's warming process is complete. Once the desired preset temperature has been reached, the vaporization cycle can begin.

The current temperature can be read from the thermometer.

If the temperature falls during vaporization, then it is necessary to press the auto off release handle again to restart heating.



For technical reasons it is not possible to measure the temperature in the Filling Chamber during the inhalation process. The thermometer measures the temperature of the heat exchanger, and a cor-

responding calibration displays the respective temperature in the Filling Chamber during inhalation.



The auto off release handle may not be fixed in the activation position (such as by taping or glueing it down). The manufacturer cannot accept any liability whatsoever for damages caused by alterations to the device or fixation of the auto off release handle.



In case you prefer to keep the **PLENTY** standing up instead of laying it on its side, you can use the Cleaning Brush as a support, by inserting the wooden handle in the screw hole next to the rubber foot, as shown.



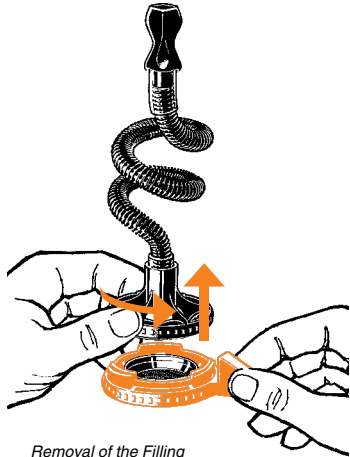
Standing up the **PLENTY** Hot Air Generator

## 8. FILLING THE FILLING CHAMBER

Turn the Filling Chamber Cap counterclockwise in order to remove it from the Filling Chamber.

Remove the Filling Chamber Cap with Cooling Coil and Mouthpiece from the Filling Chamber.

Always fill the Filling Chamber completely with finely crushed or ground plant material.



Removal of the Filling Chamber Cap with Cooling Coil

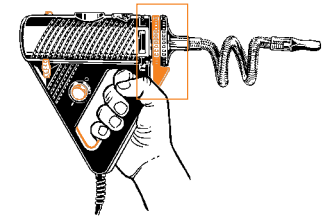
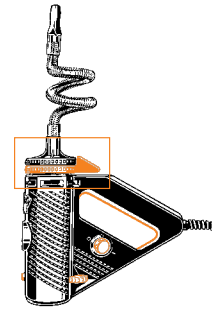


Always fill the Filling Chamber completely up to the upper edge

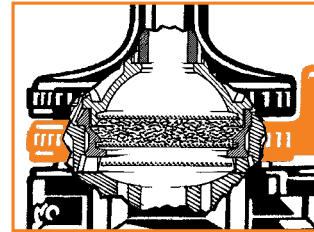


Always fill the Filling Chamber completely up to the upper edge. This prevents the vaporization material from shifting when the Hot Air Generator is not held upright, which would make efficient vaporization impossible, since the hot air could then bypass the vaporization material.

## 8. FILLING THE FILLING CHAMBER

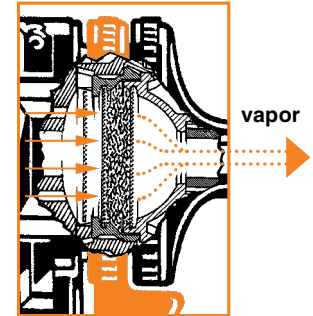


correct



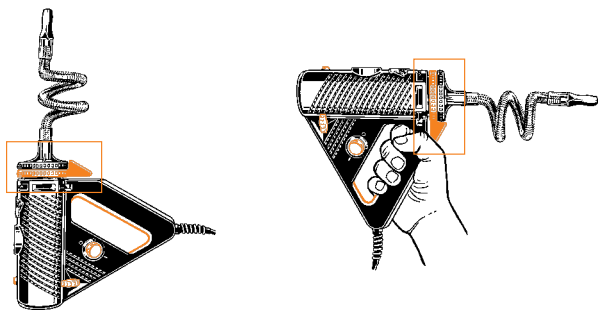
Completely filled Filling Chamber

The Filling Chamber must always be filled completely, so that the vaporization material cannot shift around, no matter how the Hot Air Generator is held.

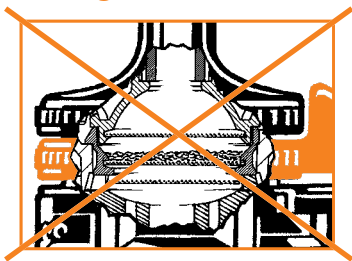


Uniform flow through the vaporization material

## 8. FILLING THE FILLING CHAMBER

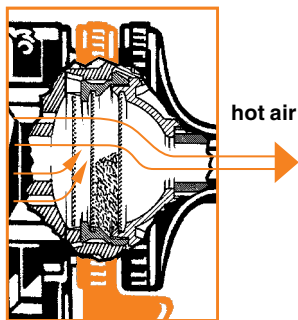


wrong



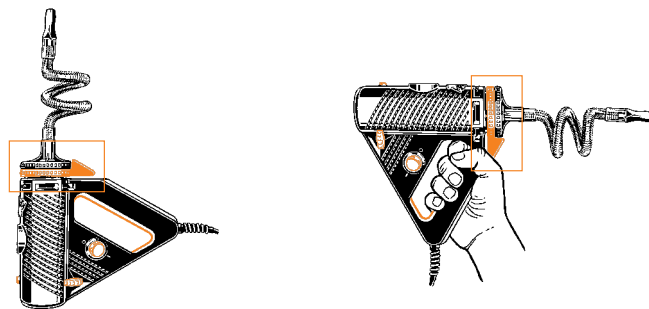
*Filling Chamber only partially filled*

If the Filling Chamber is only partially filled, then the vaporization material may shift around; the hot air then bypasses the vaporization material, so that no vaporization can occur.

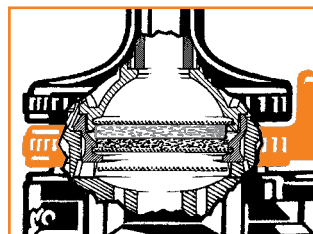


*Hot air only; no steam*

## 8. FILLING THE FILLING CHAMBER

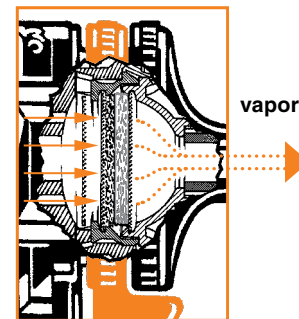


correct



*Filling Chamber only partially filled, with Liquid Pad placed on top*

If the Filling Chamber is not to be filled completely, it is recommended to place the included Liquid Pad over the herbs, and then screw the cap with the Cooling Coil onto the Filling Chamber.




*Uniform flow through the vaporization material*

This prevents the vaporization material from shifting even when the Filling Chamber is only partially filled, enabling efficient vaporization.


## 8. FILLING THE FILLING CHAMBER

Afterwards, screw the Filling Chamber Cap with the Cooling Coil back onto the Filling Chamber.

 Take care never to screw the black Filling Chamber Cap directly onto the heat exchanger.


Only the orange Filling Chamber is intended to be screwed onto the heat exchanger.

If this warning is disregarded, the Filling Chamber Cap may become deformed.


 Take care that the Screens are not obstructed with plant material. To guarantee optimal results, we recommend cleaning the Screens after each vaporization cycle with the enclosed Cleaning Brush.

## 9. APPLICATION

Screw the Filling Chamber with Cooling Coil and Mouthpiece onto the Hot Air Generator and heat it up. This ensures that both the Filling Chamber and the vaporization material are preheated and the vaporizing can begin as soon as the heating process is completed.

 If the auto off release handle is not activated or pressed after heating, then the Hot Air Generator will cool down again after the set temperature is reached.

### Caution! Hot surface!

 After using the **PLENTY** Vaporizer, do not touch any components of the Filling Chamber until they have cooled down again, except for the textured surface and the handles provided for this purpose.

Once the Hot Air Generator has reached the set temperature (the orange control lamp turns off, or the thermometer displays the desired temperature), the inhaling process can then begin.



Heating the **PLENTY** Hot Air Generator

## 9. APPLICATION

Take the Mouthpiece between the lips, and inhale slowly and evenly for several seconds.

Please note the following about vapor generation: the more intense the vapors, the greater the impairment of the flavor.



A very high intensity (density) of the vapor can lead to irritation of the respiratory passages from the concentration of the aromas and fragrances.

In this case, the temperature should be lowered, so that the intensity of the vapors is reduced.

The **PLENTY** Vaporizer is intended to be used while seated.



The device is not to be used, if the user has respiratory tract or lung conditions. Depending on the density, the vapor could irritate respiratory tracts or lungs, which can lead to coughing.

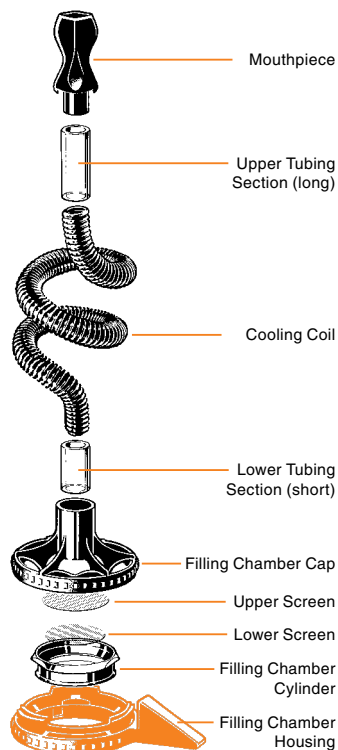


Inhale only half the amount of air you can normally manage. Hold your breath for a few seconds and then exhale slowly. It is advisable to deliberately concentrate on your breathing process.

After vaporization, turn off the **PLENTY** Hot Air Generator, unplug the power cord, and let it cool down before putting the device away.

## 10. DISASSEMBLING, CLEANING AND ASSEMBLING

### 10.1. Disassembling and Re-assembling the **PLENTY** Vaporization Unit



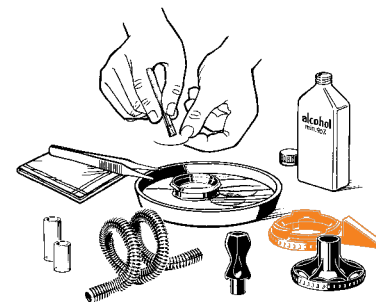
### **PLENTY** Vaporization Unit

Please allow the Vaporization Unit to cool down before disassembling it.

The component parts of the Filling Chamber, including the Cooling Coil and the Mouthpiece must be thoroughly cleaned on a regular basis to guarantee proper operation and pure flavor.

For hygienic reasons, it is also necessary to clean these components when the device is to be used by a different person.

Paper or cotton towels may be used for manual cleaning; use alcohol (ethanol) for metal components (Filling Chamber Cylinder, Screens, Cooling Coil), and warm water with wash-up liquid for plastic components (Filling Chamber Housing, Mouthpiece, Tubing Sections).




*Manual cleaning with alcohol (min. 90%) or dishwashing soap. Replacement Cooling Coils may also be purchased.*

## 10. DISASSEMBLING, CLEANING AND ASSEMBLING

The Vaporization Unit may be easily disassembled and reassembled for cleaning in a few seconds. The Mouthpiece, Filling Chamber, and cap components may also be cleaned in a dishwasher.

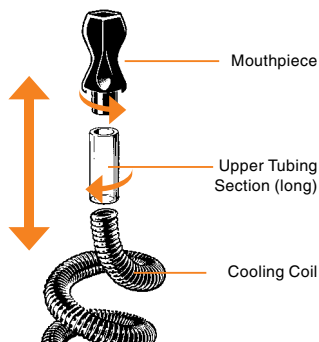
However, the Screens, Mouthpiece, and Tubing Sections are very small, and may be lost if placed in a dishwasher.

 Do not immerse any plastic components in ethanol or alcohol for longer than an hour. Extended contact with ethanol or alcohol may lead to discoloration or embrittlement of plastic parts.

After cleaning, check all component parts for surface damage, tears, softening or hardening, impurities, distortion and discoloration and set damaged component parts aside.

### 10.2. Disassembling the Mouthpiece

1. Pull the Mouthpiece and the Tubing Section off of the Cooling Coil with a gentle twist.
2. Pull the Tubing Section off of the Mouthpiece with a gentle twist.



*Pull the Mouthpiece away from the Cooling Coil*

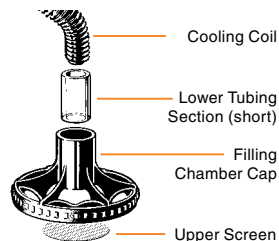
Reassemble in reverse order.

Before assembling allow all component parts to dry properly.

## 10. DISASSEMBLING, CLEANING AND ASSEMBLING

### 10.3. Disassembling the Filling Chamber Cap

Push the upper Screen out of the Filling Chamber Cap from above, by using (for example) the handle of the included Cleaning Brush.



*Push out the upper Screen with help of the Cleaning Brush*

Reassemble in reverse order.


Pull the Cooling Coil out of the Filling Chamber Cap with a gentle twist, and then remove the Tubing Section from the Cooling Coil.


The upper Screen must be inserted carefully into the groove provided. Disregarding this may allow plant particles to enter the Cooling Coil, so blocking this or be inhaled.

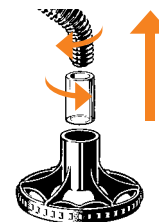
#### 10.3.1. Cleaning the Cooling Coil

Place the Cooling Coil in a glass and immerse it completely in alcohol (ethanol), cover the glass, and let it soak overnight.

Repeat this process until the inside of the Cooling Coil is completely clean, then rinse it carefully with water.

 Warning! Alcohol is flammable and may easily ignite.

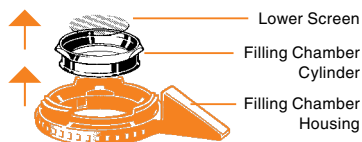
 Sets of new Cooling Coils may be ordered from [www.storz-bickel.com](http://www.storz-bickel.com).



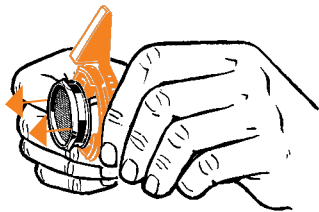
*Pull the Cooling Coil out of the Filling Chamber Cap*

## 10. DISASSEMBLING, CLEANING AND ASSEMBLING

### 10.4. Disassembling the Filling Chamber



Push the Filling Chamber Cylinder upwards out of the Filling Chamber Housing.



*Push out the Filling Chamber Cylinder*

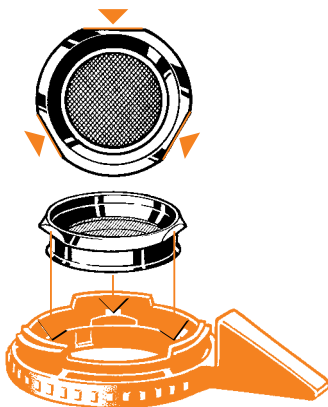
Push the lower Screen upwards out of the Filling Chamber Cylinder.



*Push out the lower Screen*

### 10.5. Assembling the Filling Chamber

Place the Filling Chamber Cylinder into the Filling Chamber Housing from above, and turn it so that the flattened positioning surfaces are located in the intended orientation within the Filling Chamber Housing. Push the Filling Chamber Cylinder in until it latches into the Filling Chamber Housing. Make sure the positioning surfaces are oriented correctly, as shown in the detailed illustration.



*Filling Chamber Cylinder, Filling Chamber Housing, Positioning Surfaces*

Put in the Screen into the Filling Chamber from the topside.

Screw the Filling Chamber Cap with Cooling Coil and Mouthpiece onto the Filling Chamber.

## 11. TECHNICAL SPECIFICATIONS

### Voltage:

220 - 240 V / 50 - 60 Hz  
or 100 - 120 V / 50 - 60 Hz

The voltage specification is located on the type label of the **PLENTY** Hot Air Generator.

Power required by **PLENTY**: 110 W

### Vaporization temperature:

adjustable between approx.  
130°C - 202°C / 266°F - 396°F

Dimensions: 20.0 x 15.5 x 6.0 cm  
(7.9 x 6.1 x 2.4 inch)

Weight: approx. 0.7 kg (1.5 lbs)

Safety category I (electrically grounded)

Please unplug to disconnect from the mains current.

Subject to technical changes.

**Patents:** EP 2 599 512, US 9,272,103

### Manufacturer

Storz & Bickel GmbH & Co. KG  
In Grubenäcker 5-9  
78532 Tuttlingen, Germany

## 12. CE DECLARATION OF CONFORMITY

The devices comply with the following EC Directives:

- ▶ Low Voltage Directive 73/23/EWG
- ▶ Electromagnetic Compatibility 89/336/EWG

### Manufacturer's Representations and Warranties

These representations and warranties are applicable to all end-customers (the "Customers" and each, individually, a "Customer") purchasing products (the "Products") sold by Storz & Bickel GmbH & Co. KG or Storz & Bickel America Inc. (the "Company").

### Warranty and Limitations

Company warrants solely to the original purchaser of the Products that for the warranty period (as defined below), the Products will be free from defects in materials and workmanship under normal use, and will conform to Company's published specifications of the Products. Notwithstanding the foregoing, Company retains its right to deviate from its published specifications due to the latest innovations and improvements in function and design of the Products. The foregoing warranty is subject to the proper storage, transportation and use of the Products, and does not include defects due to normal wear and tear or deterioration, including, but not limited to, defects in Screens and similar parts subject to wear and tear.

Upon delivery, Customer shall immediately inspect the Products for conformity and visible defects. Customer shall give Company immediate written notice of any non-conformities or visible defects regarding the Products and contact Company in writing con-

cerning return or repair, as the case may be.

### Warranty

Customer shall notify Company in writing of any defects of the Products. Company's sole obligation under the foregoing warranty is, at Company's option, to repair or correct any such covered defect or to replace or exchange the Product, provided Customer has returned the Products with a copy of the original invoice to the Company or one of its authorized repair shops at his own cost. Any repaired, corrected, replaced or exchanged Products shall be subject to the warranty set forth in section "Warranty and limitations", following their repair, correction, replacement or exchange. If Company has received notification from Customer, and no defects of the Product could be discovered, Customer shall bear the costs that Company incurred as a result of the notice.

The warranty period for the **PLENTY** Hot Air Generator begins on the date when the Product is physically delivered to the Customer's site, and is valid for thirty-six (36) months thereafter.

Company does not authorize any person or party to assume or create for it any other obligation or liability in connection with the Products except as set forth herein.

All requests and notices from U.S. and Canadian Customers under this warranty shall be directed to:

### Storz & Bickel America, Inc.

1078 60th Street, Suite A  
Oakland, CA 94608

All requests and notices from all other Customers under this warranty shall be directed to:

### Storz & Bickel GmbH & Co. KG

In Grubenäcker 5-9  
78532 Tuttlingen, Germany

The warranty set forth in section "Warranty and limitations" is made in lieu of all other warranties (whether express or implied), rights or conditions, and Customer acknowledges that except for such limited warranty, the Products are provided "as is." Company specifically disclaims, without limitation, all other warranties, express or implied, of any kind, including, without limitation, the implied warranties of merchantability and fitness for a particular purpose, non-infringement, and those warranties arising from a course of performance, a course of dealing or trade usage.

### Liability

Handling of these Products is to be as stated in the Instructions for Use. The user accepts full liability for improper handling and usage of these Products. The intended application only refers to the plants named by us.

Repair of this Product is only to be done by us or one of our authorized customer services.

Only original Storz & Bickel parts are to be used.

Failure to comply with any of the points mentioned in these Instructions for Use release Storz & Bickel GmbH & Co. KG from any and all liability.

### Limitation of Liability

In no event shall Company be liable for any indirect, incidental, punitive, special or consequential damages, including but not limited to, damages for loss of profits, revenue, goodwill or use, incurred by Customer or any third party, whether in an action in contract, tort, strict liability, or imposed by statute, or otherwise, even if advised of the possibility of such damages.

Company's liability for damages arising out of or in connection with this agreement shall in no event exceed the purchase price of the Products. It is agreed and acknowledged that the provisions of this agreement allocate the risks between Company and Customer, that Company's pricing reflects



## 13. WARRANTY, LIABILITY, REPAIR SERVICE

this allocation of risk, and but for this allocation and limitation of liability, Company would not have entered into this agreement.

In jurisdictions that limit the scope of or preclude limitations or exclusion of remedies or damages, or of liability, such as liability for gross negligence or willful misconduct or do not allow implied warranties to be excluded, the limitation or exclusion of warranties, remedies, damages or liability set forth above are intended to apply to the maximum extent permitted by applicable law. Customer may also have other rights that vary by state, country or other jurisdiction.

The information contained in these Instructions for Use are based on our experience and is current and complete to the best of our knowledge and ability at the time of printing. Storz & Bickel GmbH & Co. KG does not accept responsibility for errors, omissions or incorrect interpretations of the contents or any information herein. Users are advised that all applications and uses of the Products described must conform to applicable local laws, ordinances and codes and users of the Products are advised that they are solely responsible for determining and assuring the suitability of any Product for the intended application.

### **Repair Service**

After the warranty period has expired, or if there are any defects which are not covered under warranty, our service department will repair the defect after providing the Customer with an estimate and receiving the payment.

### **Copyright**

No part of this document may be reproduced in any form (by printing, photocopying or other means) or processed, duplicated or circulated electronically without the prior written approval of Storz & Bickel GmbH & Co. KG.



[www.storz-bickel.com](http://www.storz-bickel.com)

STORZ & BICKEL GMBH & CO. KG

In Grubenäcker 5-9 · 78532 Tuttlingen/Germany

STORZ & BICKEL AMERICA INC.

1078 60th Street Suite A · Oakland, CA 94608

