

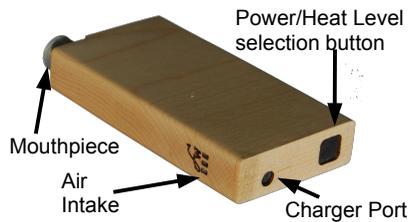
Firewood

Model 3

The Firewood 3 vaporizer has a simple interface with a single button, vibration feedback, and draw sense technology that automatically knows when to turn the heat on and off. There are no distracting lights or buttons to push once the heat level has been set.

IMPORTANT SAFETY INSTRUCTIONS

- 1- Read all instructions before use and only use vaporizer according to instructions.
- 2 – Vaporizer can get hot enough to burn and start fires. Do not allow contact with flammable materials while in use.
- 3 – Remove batteries when traveling by air or sending in the mail.
- 4 – Do not use in or around water and do not use vaporizer if it gets wet.



Charge:

- Only use a charger sold by or approved by Firewood Vaporizers Inc.
- Plug charger into wall outlet and vaporizer
- Allow 4-6 hours for a full charge
- Red light on charger means the batteries are being charged
- Green light on charger means batteries are ready
- You can expect about 5+ uses per charge
- Batteries ship with "factory" charge which is typically enough for 1 or 2 initial uses

-Remove batteries if vaporizer is unused for over a month (see changing batteries section for removal instructions)



Fill capsule:

Plant material should be ground up and capsule should be loosely filled. The Firewood works well with as little as a pinch or as much as a full capsule. A fuller capsule will give thicker vapor.

However, packing can cause poor air flow which can lead to combustion.

Load capsule into mouthpiece:

The capsule should be inserted into the end of the mouthpiece so that the open end of the capsule pushes against the screen inside of the mouthpiece.



Load mouthpiece into vaporizer:

Insert the capsule/mouthpiece assembly into vaporizer as shown.

The wider top end of the mouthpiece should fit snugly



enough into the wooden opening to form a seal, but not so tight that it is hard to remove.

Turn on vaporizer:

Hold button continuously until the vaporizer buzzes (you will feel a vibration and may hear a slight buzzing noise). After a slight pause the vaporizer will buzz between 1 and 4 times to indicate the battery level. 4 buzzes indicates a full battery, 1 buzz indicates a low battery. If you get a set of 3 quick buzzes repeated 3 times, followed by an auto-shutdown, then the battery is too low and needs to be recharged.

The vaporizer can be shut down at any time by holding down the button continuously until it vibrates (approx 3 secs) then releasing. This will cause the shutdown signal which is a long buzz followed by a second long buzz at a lower pitch. Alternatively the vaporizer will auto-shutoff if there is no activity for approximately 20 seconds (auto-shutoff is increased to approx. 100 seconds once the vaporizer has detected the first draw).

Set heat level:

Push the button between 1 and 4 times - 1 for low, 4 for high. The vaporizer will pause for a moment then buzz between 1 and 4 times to confirm your selected level.

The heat level can be changed at any time in the same way, by pressing the button 1-4 times.

The temperature is sensed and controlled at the heating element, not in the capsule, so the capsule target temperatures in the table below are approximate ranges. At any moment the actual temperature of the plant material will be affected by many factors including draw speed, draw duration, idle time between draws, location inside capsule, plant being used, etc.

Heat Level	Capsule Target Temp Range
1	250° - 299° F (121° - 148° C)
2	300° - 349° F (149° - 176° C)
3	350° - 399° F (177° - 204° C)
4	400° - 450° F (205° - 232° C)

Draw:

The vaporizer will start heating up as soon as it senses air moving past the heating element. Begin by taking a brief draw to trigger the heater, wait a few seconds, then proceed with a steady inhale. For best results, use a slow to medium draw speed when using the vaporizer directly and a medium to fast draw speed when using a

water tool. **It is possible to get combustion of plant material if drawing too slowly for too long on heat level 4 so please be cautious.**

Repeat Draw:

Continue to take draws until the vapor thins out and tastes more cooked.

Turn off:

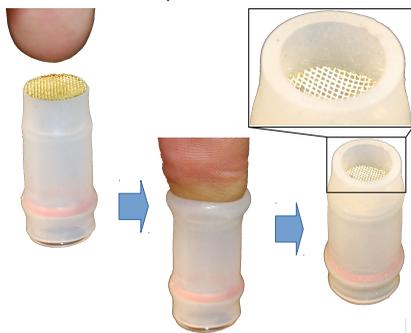
The vaporizer can be switched off by holding down the button for about 3 seconds (until it buzzes). Alternatively, the vaporizer will auto shutoff after being idle for about 100 seconds.

Cleaning:

Occasional cleaning of the mouthpiece and capsule are required for best performance.

After each use blow or tap the spent materials from the capsule and blow or tap any excess bits from the bottom end of the mouthpiece. When airflow becomes overly restricted due to plant oil buildup, the mouthpiece and/or capsule will need to be cleaned. If it is only slightly dirty, it may be enough to clean or replace only the mouthpiece screen. To do so, use a pencil or other poker to push the screen out of the bottom end of the mouthpiece. Clean the screen by soaking in isopropyl alcohol or by burning clean with a lighter. Once the screen has been cleaned or you are

Cleaning(continued):
using a new screen, push the screen into the bottom end of the mouthpiece as shown below. The screen should rest flat on top of the glass tube inside the mouthpiece.



Eventually the mouthpiece will accumulate enough plant oils that it will require a more thorough cleaning. To thoroughly clean the mouthpiece, start by removing and cleaning the screen as described above, then soak the rest of the mouthpiece in isopropyl alcohol and wipe clean with a cotton swab

Once the mouthpiece has been cleaned and dried, replace the mouthpiece screen as described above.

The capsule will generally self clean due to the high heat it is exposed to, however, it will benefit for an occasional light cleaning. It can also be cleaned by soaking in isopropyl alcohol, but the recommended method is to scrape any residue off with a paper clip or small knife. Cleaning it this way will leave a small amount of plant oil buildup which will help to prevent the screen from moving.

Changing Batteries:

The batteries on the Firewood can be replaced by the user when they reach the end of their useful service life, extending the life of the vaporizer. Please note that the batteries are not intended to be swapped often. The top battery cap and screw holes in the main unit are delicate and can be damaged by frequent use and/or overtightening. Therefore it is recommended to only change the batteries when they no longer hold a useful charge.

Firewood comes with Panasonic Eneloop NiMH rechargeable cells (size AA). At this time these are the only recommended cells for use with the Firewood. Any other batteries that might be approved in the future will be listed on the firewood website (www.firewoodvapes.com).

The Eneloop cells that come with the Firewood are rated for approximately 2100 charge/discharge cycles, although results may

vary by user. When you start to get fewer sessions from each charge. It may be time to swap the batteries.

To change the batteries, use a small flat head screwdriver to remove the top cap. The old batteries should slide out although they may need a slight tap to help them along. Insert the new batteries paying close attention to the polarity indicator on the top of the vaporizer (underneath the top cap). Inserting the batteries in the wrong direction may damage the vaporizer and will void the warranty, so use caution.

With the new batteries inserted, place the battery cap back on top of the vaporizer so that the curved edges line up with the curved back edge of the vaporizer. Use a finger or thumb to hold it down tightly in the middle while carefully screwing in the 4 screws. Tighten each screw so that it just barely pulls the cap flush with the main body. **Over-tightening can damage the vaporizer** and damage due to over-tightening is not covered by warranty.

Finishing & Maintaining the Wood Surface:

Firewood vaporizers come either unfinished or with a 100% natural beeswax and USP grade mineral oil finish. Both also come with a small packet with enough beeswax/oil finish for at

least one application. Larger quantities of the finish can also be bought from the Firewood website or made at home by following directions readily found online (search beeswax oil wood finish).

The first step when applying the finish is to clean the surface of the wood. For a new unfinished vaporizer, or when adding a layer of finish to a recently finished piece, clean by wiping away dust with a dry rag. If the vaporizer has been used since the last time it was finished it should be cleaned first by lightly sanding the surface with a very fine grade sandpaper to remove any visible dirt. After sanding, wipe clean with a dry rag or towel.

Once the wood surface has been cleaned, a coat of beeswax/oil can be applied. Start with a pea sized bit of finish and spread evenly over wood with a finger or clean rag. Take care to avoid getting wax into the air intake, charger port, or heat chamber. Add more wax until entire surface is covered with a thin coat. Allow coated surface to sit for a couple hours, then wipe and buff dry with a clean rag. Re-apply the finish every few months to protect and beautify the wood surface.

Warranty:

Firewood Vaporizers Inc. One (1) Year Warranty Information

Firewood Vaporizers Inc. grants purchasers of the Firewood Vaporizer a warranty against defects in materials and workmanship under normal use of the device for a period of one (1) year from the date of retail purchase by the original purchaser of the unit. If a physical defect arises and a claim is received within the Warranty Period Firewood Vaporizer Inc. will either (1) repair the device, (2) exchange the device, or (3) refund the purchase price of the device, at the discretion of the company.

Exclusions and Limitations

The Limited Warranty applies only to devices manufactured by Firewood Vaporizer Inc. This warranty does not apply to: (a) to damage caused by accident, abuse, misuse, or other external causes; (b) to damage caused by operating the device outside the permitted or intended uses; (c) to a device or part that has been modified to alter functionality or capability; (d) to cosmetic damage, including but not limited to scratches, dents, and discolored wood; (e) to damage caused by use of unapproved batteries, charger or power supply; (f) to damage caused by over-tightening the battery compartment screws.

The Warranty does not apply to normal performance degradation of batteries, neglecting to adhere to cleaning instructions, or heat damage due to improper use of the device. Intentionally disassembling or

attempting repairs on your device will void the warranty.

Please email service@firewoodvapes.com for warranty service. Please include a description of the problem and the Name and Date used to make purchase the vaporizer.