



ardent



# NOVA

DETAILED MANUAL



We have three videos in our education section of our website that together make up the detailed manual:

1. Decarboxylation: <https://ardentcannabis.com/how-to-decarboxylate-cannabis/>
2. Infusion: <https://ardentcannabis.com/how-to-infuse-cannabis/>
3. Dosing: <https://ardentcannabis.com/accurately-dose-cannabis/>



## Quick Start

1. Get together all the components -- the purple base, the removable inner canister, the purple cap, and the black lid.



2. Plug in the purple base and load the canister up with your plant material. The material should be packed loose with room on the top
3. Put the inner canister back into the purple base, place the purple cap and the black lid securely back onto the Nova.

4. Press the power button-- light should change from green to red to indicate the decarb cycle is in progress.



5. Cycle should last between an hour and 15 minutes to two hours and then the power button light should change back to green. Congrats on decarbing your plant material-- see below for more information and uses for your Nova



## Best Practices

1. All of the components that come with the unit must be used every time - even if you are using our accessories, like our Concentrate and Infusion Sleeve! The unit consists of 4 parts: the purple base, the removable inner canister, the purple cap, and the black lid.
2. The unit has a range in it's cycle but should never run for more than 2.5 hours - if you notice your unit is running longer then it should: Carry out a manual stop by holding down the Power button for 10 seconds until the light turns green. If this doesn't work, unplug the unit - then contact us ([support@ardentcannabis.com](mailto:support@ardentcannabis.com)). If anything seems amiss it is always best to contact us right away so we can help!
3. The Nova is for indoor use only and needs to be used at room temperature - not in a garage or a basement! Doing so can cause the unit to run outside of it's normal cycle which may result in damage. Misuse of the unit is not covered under the warranty.
4. Your unit should always cool between every cycle - it needs to be left to cool at least 20 minutes after the light has turned green. It should always be cool to the touch when starting!
5. Once you start the cycle let it be! It is important that the unit not be opened while the cycle is still running - no peeking!
6. Some condensation is completely normal when decarbing - the herbs have water content that is released when the herb is heated.



## FAQ/Troubleshooting

### 1. What can you decarb in the unit?

You can decarb cannabis flower and concentrates, including kief, in your Nova.

#### 1a. How much?

Roughly a maximum of 7-28 grams of flower (or more!), and/or 8 fluid ounces of oil. The most important thing to keep in mind is that plant material should never be squished or compressed down in the device - only fill to what fits naturally.

### 2. Will the cannabis decarb while I am infusing?

This was a very common question and so we tested, tested, tested. Our research has shown that you should always decarb first, let the unit cool for at least 20 minutes, and then mix the activated cannabis and oil material and run through an infuse cycle. If you don't decarb before you infuse, your oil will only be approx 20%-30% activated. Decarbing and then infusing is the correct process.



[Check out our own Velvet Purp infusion into Extra Virgin Olive Oil here:](#)



### 3. What can I decarb concentrates or infuse in?

This is easiest with our new Concentrate and Infusion Sleeve.

Otherwise when decarbing concentrates you want to put your concentrate into one of the following 3 options:

- A silicon container (making sure it is in fact silicon and not plastic)
- A glass shot glass
- Parchment paper, making sure you fold up all the edges so it will not leak out during the decarbing process

### 4. How long do I infuse for?

Our research has shown that the infusion cycle needs at least 30 minutes to extract the most out of THC or CBD. Ardent's tests have shown that whether or not the infusion runs for 30 minutes or 2 hours, the infused THC or CBD remains relatively constant. This means that infusion times can ultimately be left up to a consumer's preference or the material requirements. When you start your infusion cycle, make sure to set a timer to know when you should manually end the cycle.

[Learn more about our research testing different infusion times here:](#)

### 5. How do I manually end the Nova Cycle?

Hold down the button until it turns green! Not turning green? Just unplug it.

### 6. Can I decarb outside or in my garage?

No - much like most kitchen appliances (and people :) your unit needs to be at room temperature to work its best.

### 7. What happens when something goes wrong? Or it seems like it is going too long?

Manually end the Cycle (see the Quick Start guide's #5 for instructions)-- then contact us at support@ardentcannabis.com. if anything seems amiss it is always best to contact us right away so we can help!

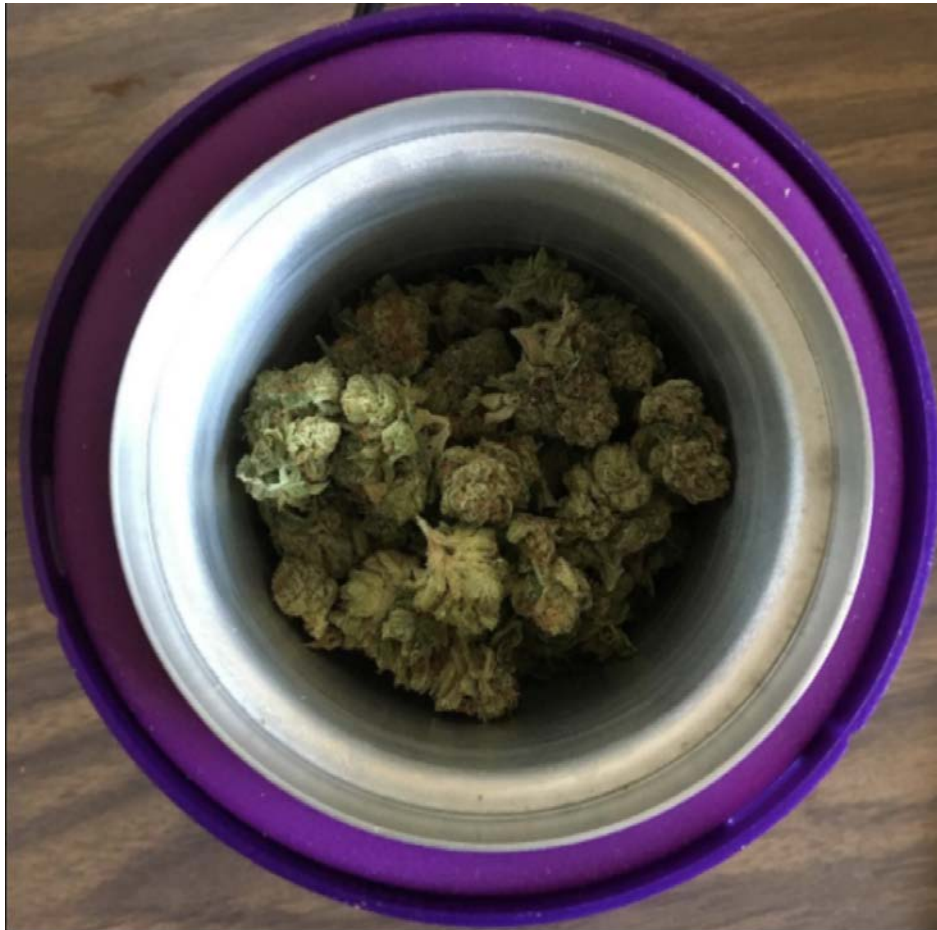
### 8. What if I accidentally end my cycle early (power goes out, etc.)-- what should I do?

Estimate about how long the decarb cycle was running for and subtract it from two hours. Re-run the cycle for this length of time and manually end it (see step 5).

## 9. What about CBD?

Our education section has all of our most current research - there you will find an article that really breaks down all of our findings with CBD!

In one cycle with the Nova, you can expect over 90% CBD decarboxylation! Our research has shown that almost all bud contains some small percent of already activated CBD. We think that this, combined with the over 90% single-cycle activation is an excellent decarb for CBD, however, if you really want to push for the absolute most, two cycles will yield over 95% CBD decarboxylation!



CBG Bud can be activated the same way as THC, with one cycle in the Nova.

Check out an easy CBD activation and infusion here:  
Safe and economical CBD DIY products here:



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## 10. These edibles feel different then the edibles I usually make with my oven - why?

Some of our customers are very used to CBN, a cannabinoid present when over decarbing like when smoking or using an oven. CBN can often feel heavier and more body-heavy and can be increased in your product by running your THC material twice. You are in control of the cannabinoids you want to receive!

## 11. Precision decarboxylation and infusion are new to me - I don't want to put my whole batch in at once - what if I make a mistake?

There is no minimum in the device - so always feel free to experiment with small amounts! In fact - that is what we recommend anytime you are trying something new whether it be a new machine, new oil, or a new recipe.

## 12. Does it smell a lot?

No the unit is odorless - unless you are standing right over it taking a big sniff ;) If your unit seems to be sharing its odor more than it should be please reach out and let us know so we can help! To minimize smell, let the unit cool fully before removing your perfectly decarbed product as the hotter air releases more smell into the environment.

## 13. My sleeve is stuck!

Let it cool down a little and it should slide right out :)



#### 14. Can I use alcohol in the device?

In short, No. Since alcohol alone is a strong enough solvent to almost instantly infuse, there's no need for heat during the process. Most importantly, mixing heat and alcohol is dangerous and puts you at risk; Alcohol should never be heated in the FX.



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