



12V Oxalic Acid Sublimator/Vapourizer Instructions

Oxalic Acid di-hydrate sublimation into hives for the treatment of Varroa mites.

InstantVap 12V: DC 12V 240W 20A (1 year warranty)

SAFETY GEAR;

- A respirator suitable for organic acids (Full or half mask with safety glasses). **Inhalation or contact with the eyes will cause serious damage to your health!** Unprotected people need to stay upwind and out of the vapour clouds.
- Thick gloves
- Long Sleeves

Caution, unit will remain hot during and after use. Do not place or store near flammable items.

Quick Start Guide;

- Wear your safety gear.
- Power the switch OFF before connecting or removing the battery.
- Connect the battery, red = positive, black = negative. Incorrect polarity will damage the machine and is not covered by warranty.
- Check the voltage display often. The most accurate way to check is by turning off the unit. We highly recommend an 80 amp hour deep discharge battery (up to 300 hives).
- Wait 5 seconds then power the unit ON
- Allow the unit to reach the correct temperature.
- Insert the stem into the hive
- Press the dispenser into the Oxalic Acid to collect the crystals, insert it into InstantVap and firmly tap the plunger twice to release the Oxalic Acid.
- Wait until the thermostat is a few degrees away from the set temperature, once the Oxalic has vapourized. Proceed to the next hive.

Maintenance;

- Clean your InstantVap every day after treatment. Let it cool below 100°C before cleaning (steam injuries are painful)
- Rinse the bowl out with a small amount of water 2-3 times **via the plunger tube only. DO NOT** get water on the rest of the unit. Water damage is not covered by warranty.
- Drain the bowl. After draining you can restart the unit to remove standing water if necessary. Keep the plunger loose to avoid pressure build-up.
- Run water through the plunger and scrub it if necessary. Adding a drop of oil to the O-ring will make it last longer.
- Clean the outside of the unit with a slightly damp cloth

To adjust the dosage;

- Wait for the plunger to cool down
- Adjust the dosage by turning the handle and moving the indicator to the dosage in grams you wish to use. Be careful not to twist past the maximum (4).

Notes;

- Disconnect the battery and recharge when you're finished.
- Spare dispensers will fit in the handle.
- The unit is factory pre-set to 230' C. This offers the best efficacy and the quickest speed. You can adjust the temperature up or down using the up/down arrows below the display.
- The machine gets very hot, be careful to not put it on anything that could be damaged by heat. Leave the dispenser in the machine while heating as it will heat up quicker.
- Put on your face mask, gloves and long-sleeved clothing (Cover-up!) before starting the Oxalic Acid treatment.
- You can treat from the front entrance but we recommend drilling a 7mm hole in the back of the hive on the bottom board or near the bottom of the brood chambers so you don't disturb the bees. The tube is strong enough to support the unit (don't lean on it). If using a previously drilled hole make sure it is not clogged prior to using. A golf tee is great for this and for closing the hole after finishing.
- Put the appliance away only after it's cooled to avoid fire or burns.

OUTDOOR USE ONLY!

Comments, questions, suggestions;

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