

## **BY-200 COMPACT BUTANE THERMAL FOGGER**

### **COIL CLEANING TANK + EASY TO USE PRESSURE TRIGGER**

Please read this manual carefully before using.

## Manual Guide

1. Product Specifications
2. Product Maintenance
3. How to Operate

4. Product Diagram
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### 1. Product Specifications

Feature	Specification
Model	BY-200
Butane Can Size	24.5 mm (Inner) / 44.5 mm (Outer)
Power Source	Butane (520g) (18 oz.)
Run Time/ Coverage	30 ~ 40 mins / 600 sqm (6,458 sq ft.)

### 2. Product Maintenance

1. Always lock the gas valve after use and remove the butane gas. Pump to remove excess fog that otherwise may harden the coil. If not using for extended periods of time, check the machine to ensure there are no coil or nozzle issues.
2. After fogging, dip coil into the cleaning tank, pumping to remove residue completely until only water sprays out to activate VECTORCLEAN™ system.
3. Always wipe the nozzle clean after use. Store in non-humid conditions, away from direct sunlight. If using outdoors, ensure it is being used in favorable weather conditions.
4. Coil mesh guard may darken, which is normal wear and tear. This is not a cause for concern.

#### Using the Coil Cleaning Tank

1. Ensure you have removed the butane gas can, closed the gas valve, and pumped until all fog is gone.
2. Once the fog has emptied, remove the fogger by unscrewing from the chemical tank, setting the fogger down gently.
3. Place the fogger's long coil into the black cleaning tank, tilting upright into the water.
4. Pump the pressure trigger 10 times or until only water comes out from the nozzle. This keeps the coil clean and prevents build-up after use.
5. Dump water from the cleaning tank. Dry coil end and screw fogger back into the chemical tank. Place the entire product on top of the clean, dry cleaning tank for storage. Place in a dry area away from direct sunlight.

**Note:** If fog is left inside, this can harden and block the coil. Always take careful steps to ensure the VECTORCLEAN™ system is completed correctly.

### 3. How to Operate

Fill black coil cleaning tank with water and set aside before fogging. This will be used to clean the coil after fogging is complete.

1. Premix your desired solution of exactly 1.52L/53.5 fl oz. **oil** and 0.08L/2.8 fl oz. **insecticide**. Open cap by twisting and fill the **chemical tank** with 1.9L/64.25 fl oz. of premixed solution.

**Note: Do not** unscrew fogger from its chemical tank. Simply unscrew black cap on top of the chemical tank. A funnel is not necessary but is recommended to fill the tank more easily.

2. Pump the **pressure trigger** 5 times under in the handle to activate the device. After 5 times, the solution should begin to spray from the nozzle. Continue pumping more than 5 times until there is a steady flow of liquid.

3. Attach **butane gas** to the back of the fogger and screw in, turning the **gas valve** half way open. See location of gas valve provided on opposite page.

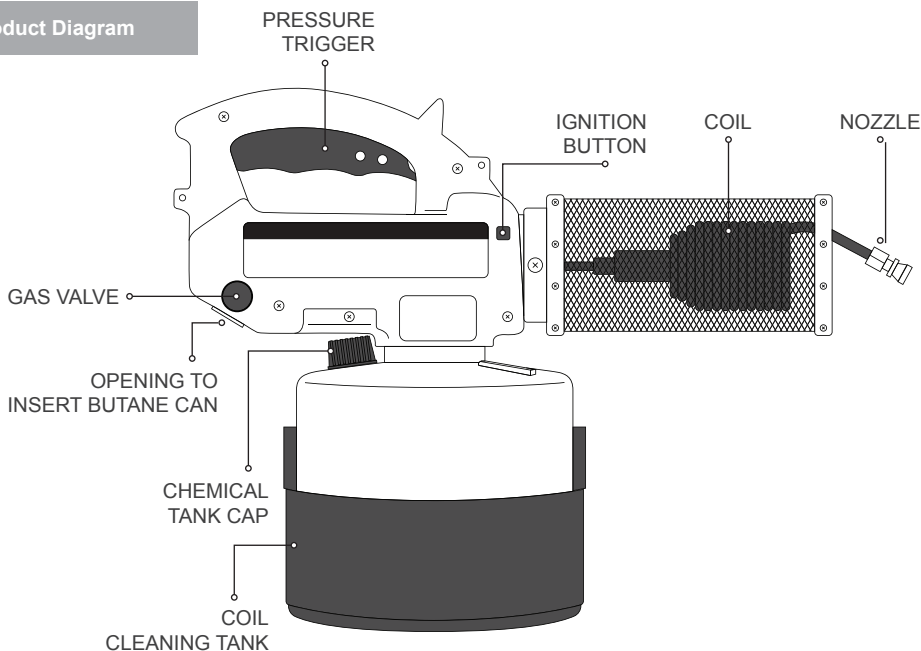
4. Listen for a hissing sound from the machine. Wait 5 to 10 seconds for signs of slight fog and begin pumping the pressure trigger.

**Note: Always spray downwind and ensure masks, goggles, and gloves are used.**

5. Fog designated areas by pumping the pressure trigger again periodically. Turn the gas valve open or shut to control the amount of fog released.

6. After fogging is complete, lock the gas valve by turning it to "CLOSE" completely. Remove the butane gas and pump the pressure trigger until all remaining solution is gone. This may take 10 or more times, depending on the solution used.

### 4. Product Diagram





## IMPORTANT SAFETY WARNING:

### ✓ DO

- ✓ Make sure to pre-mix the chemicals prior to filling the chemical tank. Avoid fuel and kerosene.
- ✓ Always fog downwind and away from people, children, pedestrians, and pets. Flammable butane gas is used, please take caution when operating.
- ✓ If using indoors (although not recommended) use a water based liquid + insecticide.
- ✓ If using outdoors (recommended) oil base can be used to mix with insecticide.
- ✓ Wear protective equipment (mask, clothing, gloves, etc.) when handling potentially hazardous chemicals. It is advised to wear ear plugs to muffle loud noises during operation.

### ✗ DO NOT

- ✗ Overfill the chemical tank. Make sure to close the cap firmly before operation to tightly seal the chemical inside the tank.
- ✗ Stick your hand inside or touch coil while operating, or after operation when the machine is hot. The interior of the BY-200 and its coil heats up to extremely high temperatures.
- ✗ Add fuel or chemicals during the operation of the machine, when the machine is still hot after use.
- ✗ Open the chemical tank cap during the operation of the machine or afterwards when the machine is still hot.

## LIMITED 1 YEAR WARRANTY:

Vectorfog warrants to the original purchaser that this product will be free from defects in materials and workmanship for a period of one year from the original date of purchase. To claim this warranty, retain your original receipt as proof of purchase. This warranty is limited to replacement of defective parts. It does not cover the light bulb or damage caused by misuse or abuse, as determined by Vectorfog. The warranty will be void if the unit has been altered in any way, upon our acknowledgement. This warranty is only valid for products purchased within the United States, excluding Canada and Mexico. Under no circumstances shall Vectorfog be liable for any incidental, punitive, consequential, or other damages resulting from the breach of this warranty, whether express or implied. Some states do not allow limitations on the duration of implied warranties, so the above exclusions may not apply to you. Please know that this warranty provides you with specific legal rights, and you may have additional rights depending on your state.

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