

# FOG MACHINE USER MANUAL

For HA0196R, HA0278, HA0370, HA0355, HA0357, HA0371, HA0372, HA0373

## Understanding Your Fog Machine

To ensure optimal use and safety, please take a moment to understand how your fog machine operates.

### **\*\*Core Operating Principle: Precision Heating\*\***

This fog machine works on a principle of controlled heating. The internal heating element is designed to precisely and rapidly heat a specialized fluid (fog juice), converting it into the dense, atmospheric fog you see. This process requires high temperatures to function correctly and efficiently.

### **\*\*Note on External Casing Temperature\*\***

As a direct result of this heating process, it is completely normal for the machine's external casing to become very warm or even hot to the touch during operation. This is not a malfunction.

## SAFETY WARNINGS

- Disconnect the power supply before refilling fog fluid, performing maintenance, or cleaning the machine.
- Use only a 3-prong grounding receptacle and ensure the machine is powered at the rated voltage.
- Keep the appliance dry and store it in a dry environment. Do not use outdoors or in wet conditions.
- If water or fog fluid (not in the tank) enters the machine, unplug immediately, contact a certified technician, and do not use again until inspected.
- This product can be used indoors and outdoors, but the fog machine itself is not waterproof, so please do not use it outdoors in rainy, snowy, foggy or humid weather.
- If there are water drops or fog fluid on its surface, please switch off the device at once and wipe it out.
- Put it in horizontal direction. Don't incline it or place it upside down.
- Do not put it on the wood materials, carpets or other flammables. Otherwise, it will cause a fire. So you must be careful about it.
- Please check it frequently whether there has enough fog fluid in the tank before use to avoid damages.
- There may be burnt odor for the first use. That's normal. About 10 minutes later this odor will die away.
- Keep over 1m away from this fog machine because of high temperature (surface temperature:40-80°C/104-176F) of fog nozzle.
- Put the machine at a drafty place to keep the best cooling effect.

- Do not spray fog to people directly and far away from fire or other heat resources
- Fog fluid is not included. Use professional fog fluid. Do not add any flammable liquid such as oil, natural gas, explosives, perfume etc. in its tank.
- When the machine is not in use, please cut off the power supply in time
- In thunder and lightning weather, please do not use the machine
- Never cover any vent holes on the machine, and leave at least one foot of space around the machine while it's running, which allows air to move in and out of the machine.
- Never aim this machine at open flames. In the process of using this machine, the fog nozzle will become hot (UP to 600 F).
- Keep flammable items at least 3 feet away from the fog nozzle.
- Never pour any type of flammable liquids (example:gas, oil, alcohol, perfumes, etc) in the water tank. Do not mix these liquids with fog fluid.
- Always make sure the water tank is full before using the fog machine

### **DANGER: RISK OF BURNS**

- Keep out of reach of children; intended for adult use only.
- Do not leave the machine unattended while in operation.
- Avoid aiming the fog nozzle at people, animals, or open flames.
- The fog nozzle can reach 600°F (315°C) during use. Keep flammable items at least 3 feet (1 meter) away from the nozzle.
- Ensure proper ventilation: Leave at least 1 foot (30 cm) of clear space around the machine to allow airflow. Do not block vent holes.

### **DANGER: RISK OF EXPLOSION**

- Only use **Water-Based**fog fluid in the tank. Never add flammable liquids (e.g., gasoline, alcohol, perfumes) or mix with other substances.
- Ensure the tank is full before use. Operating without fluid will cause overheating and pump damage.
- Do not transport the machine with fluid in the tank. Drain completely before moving.
- If the machine operates abnormally, unplug immediately, drain the tank, and contact a certified technician for repairs.

### **USE INSTRUCTIONS**

**Initial Warm-Up Time:** 1–2 minutes

**First Continuous Fog Output:** 40–60 seconds

**Subsequent Reheat Time Between Cycles:** 10–20 seconds

**Continuous Fog Output per Cycle (after initial use):** 25–40 seconds

## Before Operation

- 1.Check Fluid Level:** Ensure the tank contains enough fog fluid. The metal liquid nozzle must be completely submerged in fluid; otherwise, the machine will not function properly.
- 2.Power Up:** Plug the power cord into a grounded outlet. Do not use damaged cords.

## AUTO MODE

**1.Activation:** Turn on the machine with the POWER button, then set the AUTO FOG switch to the "ON" position.

**2.Initial Warm-Up:** The machine will begin preheating. Please allow 1-2 minutes for this initial warm-up.

**3.Automatic Operation Cycle:**

After warm-up, the machine will automatically produce its first fog output for 40-60 seconds.

It will then automatically enter a **reheat phase for 10-20 seconds**.

Once reheated, the machine enters the standard cycle: **25-40 seconds of fog output**, followed by a **10-20 second reheat**. This standard cycle repeats continuously.

### To Stop Fog in AUTO Mode:

To halt fog production while in AUTO mode, you may either:

Set the AUTO FOG switch to the "OFF" position, or Turn off the main POWER button.

**NOTE:** The wireless remote controller and wired remote controller are disabled and cannot be used while the AUTO FOG mode is active.

## CRITICAL WARNING - FOG JUICE REQUIRED

**OPERATING THIS MACHINE WITHOUT SUFFICIENT FOG JUICE WILL CAUSE IRREVERSIBLE DAMAGE.**

When in AUTO mode, the machine cycles automatically. If the fog juice tank is empty or too low, the internal heating element will overheat and burn out. This constitutes misuse and will permanently destroy the unit, voiding the warranty.

**ALWAYS** check the fog juice level before and during extended operation in AUTO mode to prevent burnout.

## MANUAL MODE

- 1.Power On and set the AUTO FOG selector to "OFF".
- 2.Preheat: Wait 2-3 minutes until the green LED indicator lights up (indicating ready to spray).
- 3.Activate Spray: Press the red control button on the cable controller or the UNLOCK key on the remote controller to emit fog. The machine will automatically reheat once spraying ends.
- 4.Cyclic Operation: Press the red control button on the cable controller or the Unlock key button on the remote control again after the green LED reappears to spray again.

**Manual Interruption:** Press the red control button on the cable controller or the lock key button on the remote controller during operation to stop fog production immediately.

**Warning:** OPERATING THIS MACHINE WITHOUT SUFFICIENT FOG JUICE WILL CAUSE IRREVERSIBLE DAMAGE.

Always check the fog juice level before and during use. Running the machine without fog juice will cause the heating element to overheat and burn out, resulting in permanent failure.

## IMPORTANT NOTES

**Not Waterproof:** This product can be used indoors and outdoors, but the fog machine itself is not waterproof, so please do not use it outdoors in rainy, snowy foggy or humid weather.

**Avoid Direct Contact:** Do not spray fog directly on people or animals. Keep away from heat sources (e.g., fireplaces, radiators).

**LED Functionality:** The LED indicators will only activate after successful preheating.

## MAINTENANCE

### 1.Cleaning:

- Mix 20% distilled water and 80% white vinegar.
- Fill the tank with the solution and run the machine in manual mode for 10-30 minutes to clean the pipes.
- After cooling, drain the tank, rinse with clean water, and reinstall the nozzle.

**2.Storage:** Clean the exterior with a dry cloth, ensure the tank is empty, and store in a dry, cool place.

**WARNING:** Misuse or failure to follow these instructions may void the warranty and cause serious injury or equipment damage. Always prioritize safety and proper maintenance for optimal performance.

## FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TVtechnician for help.

**Caution:** Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCCRules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

### RF Exposure Information

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.