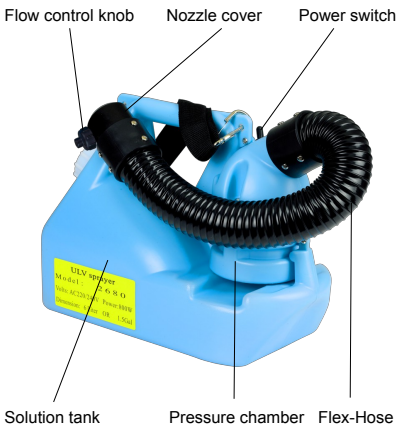


# LONGRAY

## User Manual



Longray Carryall Lite ULV Fogger (2680)

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# 1 Warnings

- Keep machine upright while tank is not empty.
- After spraying, use water to clean the solution tank and pipeline. This is especially important for corrosive chemicals.
- When cleaning the machine, don't splash water into the pressure chamber and the sponge underneath it.
- Strongly corrosive chemicals may damage the machine.
- Be careful where you point the nozzle while you adjust the solution output.

## 2 Overview



Your Ultra-Low Volume (ULV) fogger is equipped with a motor that produces high speed airflow, driving solution particles through a specially designed nozzle. The nozzle emits extremely fine fog droplets, less than 20 microns in diameter, small enough to linger in the air for a long time.

## 3 Operation

### 3.1 Adjusting output

Your fogger's nozzle has an adjustment knob that lets you control flow rate and particle size. These are not independent. Lower flow rate corresponds to smaller particle size.

### 3.2 To begin spraying

You'll need a power outlet that matches the voltage of the motor (110V or 220V). Make sure the power switch is in the off position.

1. Add solution into the tank. **Tighten the tank cover.**
2. Plug into a wall outlet.
3. Toggle the power switch.
4. Adjust the flow using the nozzle's control knob. **Always keep the fogger upright.**

### 3.3 To stop spraying

1. Turn off the flow using the nozzle's control knob.

2. Toggle the power switch. **Rapid power cycling can wear out the motor.**
3. **Open the nozzle's control knob**, to release any residual pressure.
4. Unplug from wall socket.
5. Pour any remaining solution out of the tank.
6. Clean the solution tank. This is especially important for corrosive solutions.

## **4 Care and maintenance**

### **4.1 Cleaning**

To clean the tank and solution pipeline:

1. Fill the tank with soap water, and spray as usual.
2. Rinse solution tank with clean water.

### **4.2 Wear and tear**

Moving parts should be lubricated every 3-6 months to prevent corrosion and oxidation. If any hoses, gaskets, and O-rings become cracked, brittle, or stiff, replace immediately.

### **4.3 Storage**

Clean and dry your fogger before storing for long periods.