

INTRODUCTION

The Fogger provides the operator with the widest range of options available for cold fog applications. The nozzle, attached to the flex hose, allows the user to easily direct the fog in, under and at objects. The convenient flow adjustment knob located at the nozzle enables the operator to change the liquid flow rate being dispensed.

The operator can adjust the liquid flow to dispense materials at average droplet sizes under 20 microns (water based chemicals at room temperature). Droplets of this size remain suspended in air for extended periods of time and are used primarily for insecticide applications to control flying insects.

Droplet size will increase as the liquid flow rate is increased and will average approximately 80 microns when the liquid flow is adjusted for maximum output. Larger droplets are dispersed by air flow and can settle on surfaces. This characteristic makes them useful for applying disinfectant, deodorizers and chemicals used for coating the insides of heat ducts or other surfaces.

SAFE AND EFFECTIVE USE

CAUTION: ALWAYS FOLLOW LABEL INSTRUCTIONS FOR THE CHEMICAL SOLUTION!

Measure the volume (cubic feet) of the space to be treated. Then calculate the amount of chemical that should be dispensed into the air space following label directions. Determine the liquid flow rate desired; the lower the flow rate the smaller the droplet size. (NOTE: particle size varies with temperature and viscosity of the material being dispensed.) Using the chemical quantity and liquid flow rate information, calculate the amount of time the fogger should be in operation to dispense the material required.

Conduct a pretreatment walk-through and inspection to ensure that nothing is left to chance. Shut off pilot lights and gas flames. Turn off exhaust fans and air vents to keep material from drifting out of desired area. Set up any necessary air circulating instruments, such as fans, in the area to be treated.

After completing the above, operation of the unit is accomplished as follows:

CAUTION: ALWAYS WEAR THE APPROPRIATE PROTECTIVE CLOTHING AS SPECIFIED IN THE "PRECAUTIONARY STATEMENTS" SECTION OF THE LABEL AND ALWAYS FOLLOW LABEL INSTRUCTIONS.

- Fill the unit with the designated amount of chemical
- Place the machine in the appropriate location for the fogging application
- Set the desired flow rate by turning the liquid flow adjustment knob located at the nozzle to the desired position. The output chart on the unit should be used as a guide.
- Turn the unit on and operate for the time period calculated.
- Prior to turning the unit off, turn the liquid flow adjustment to the "Off" position.

The fogger delivers a wet fog. Care must be taken to prevent a wetting action on the surfaces near the fogging machine. Time the application carefully to ensure that the proper dosage of material is used.

MAINTENANCE

Inspect the venturi after use to check for wear or damage. If the venturi is worn or damaged the unit will not deliver the proper droplet size and it should be replaced immediately.

Check all soft parts (hoses, gaskets, o-rings) for wear regularly. If they appear cracked, brittle or stiff replace immediately.

As with any piece of chemical application equipment, always rinse and flush all containers, lines and nozzles with clean water or a suitable solvent after each and every use. This will prevent the build-up of residues and debris which can hinder the performance of the equipment.

Cleaning after each application will ensure that the next time you use the fogger you won't have to worry about what materials were last used and possible incompatibility with any material to be used.