

## Bio-Fresh<sup>®</sup>cd Fogger



### Instructions

The Bio-Fresh cd Fogger provides the operator with the widest range of options available for spraying Bio-Fresh cd. The nozzle, attached to the flex hose, allows the user to easily direct the spray 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 in droplet sizes as small as 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**

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 close air vents and registers 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.

Follow the label instructions for the chemical to be sprayed in determining how much is required. 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 sprayer should be in operation to dispense the material required.

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 INSTRUCTIONS.**

- Fill the unit with the designated amount of chemical.
- Place the machine in the appropriate location for the application of Bio-Fresh cd.
- 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 adjustments to the "OFF" position.

The Bio-Fresh cd Fogger delivers a wide spray pattern. Care must be taken to prevent a wetting action on the surfaces near the sprayer. 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 part (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 Bio-Fresh cd Fogger you won't have to worry about what materials were last used and possible incompatibility with any materials to be used.

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Part Number 4693-0

## PARTS LIST

ITEM	PART NO.	DESCRIPTION	Q/U
1	NC2332	Clip	1
2	NC2334	Spring	1
3	NC2346	Venturi	1
4	NC2331	Valve Rod/ Knob Assy	1
5	NC2330	O-Ring	1
6	NC2333	Sleeve	1
7	NC2329	Screw	2
8	NC2352	Screw	2
9	NC2357	Hex Nut	2
10	NC2359	Spacer	1
11	NC2353	Nozzle	1
12	NC1433	Spring Clamp	2
13	NC2354	Screw	6
14	NC2385	Flex Hose Assy	1
15	NC2326	Flat Washer	5
16	NC2308	Screw	4
17	NC2349	Pressure Tube, Upper	1
18	NC2374	Supply Tube, Upper	1
19	NC2314	Electric Cord, 110 VAC.	1
20	NC2311	Switch, 110 VAC.	1
21	NC990	Boot f/Switch	1
22	NC2315	Strain Relief	1
23	NC1103	Closure	1
24	NC1128	O-Ring	1
25	NC2358	Tube Retainer	1
26	NC2319	Pressure Tube, Lower	1
27	NC2312	Strainer	1
28	NC2316	Wire Connector	1
29	NC1241	Tank Barb	2
30	NC1246	Angle Barb	2
31	NC2375	Supply Tube, Lower	1
32	NC2327	Grounding Screw	1
33	NC2323	Motor, 110 VAC.	1
34	NC2305	Motor Guard	1
35	NC2306	Screw	2
36	NC2405	Tank	1
37	NC2408	Housing	1
38	NC1145	Screw	2
39	NC2355	Mount Plate	1

