



a Pelsis Group Brand  pelsis



# 2600, 2400, 2300 Foggers

*CLICK HERE:  
B&G FOGGERS*



# FOGGING EQUIPMENT

## Heavy-Duty Foggers

B&G foggers have motors available in both 110V/60Hz or 220V/240V. Tank is rotationally molded and has seamless design for maximum strength. Made of corrosion resistant materials for use with many chemicals. 1.5 gallon capacity with 3-1/2" wide tank opening.



### My-Ti-Lite 2300

- Ideal for general treatment with insecticides and sanitizers
- Flow rate approximately 9 ounces/minute
- Non-adjustable
- Non-ULV



### Ultra-Lite 2400

- Adjustable flow rate up to 2.5 ounces/minute
- Variable delivery from ULV droplets to mist
- Economically priced yet very effective
- ULV



### Flex-A-Lite 2600

- Adjustable flow rate up to 2.5 ounces/minute
- Extension hose is 18" long
- Variable delivery from ULV droplets to mist
- Ideal for fly control indoors
- ULV



DESCRIPTION	Order #	Model #
My-Ti-Lite Fogger	15015000	2300
Ultra-Lite Fogger	15015100	2400
Flex-A-Lite Fogger	15014901	2600

For 220V models, please contact B&G for order numbers.

- 3 models for indoor fogging
- 6 Liter tank
- Rugged and durable
- Oil and water formulations

Do-It-Yourself Pest Control

# 2600 Flex-A-Lite

# 2600 Fogger

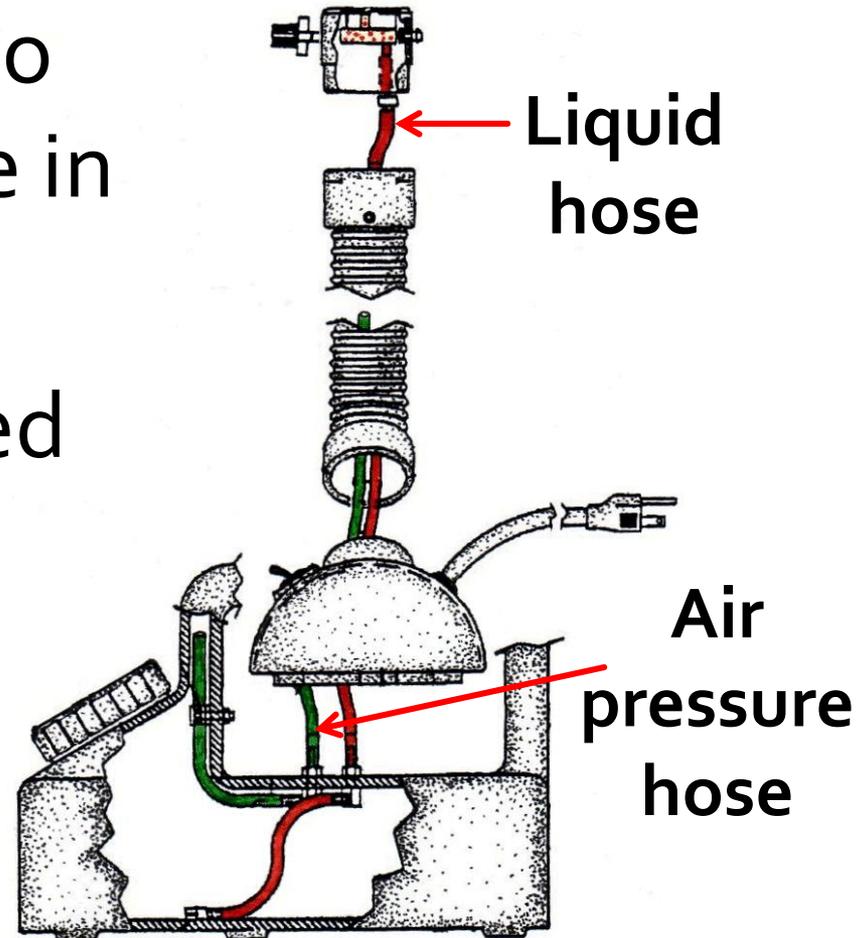


Do-It-Yourself Pest Control

# How It Works

- **Air pressure** goes to the tank and nozzle in the **green hoses**  
...tank is pressurized

- **Liquid** goes from the tank to nozzle in the **red hoses**

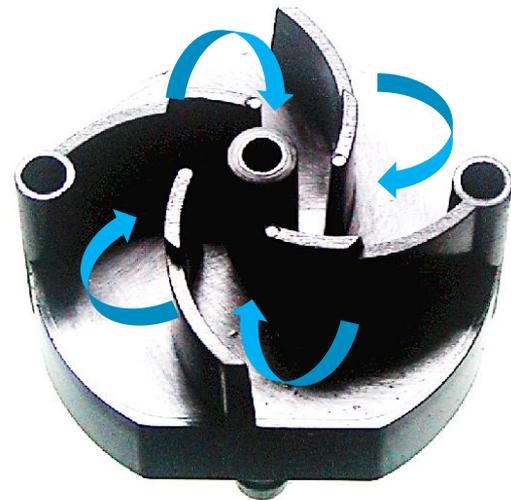


# How it Works: Droplets



**Vortex nozzle**

- Circular air-stream pulls liquid from the nozzle and breaks it into small droplets



# Point Adjustment

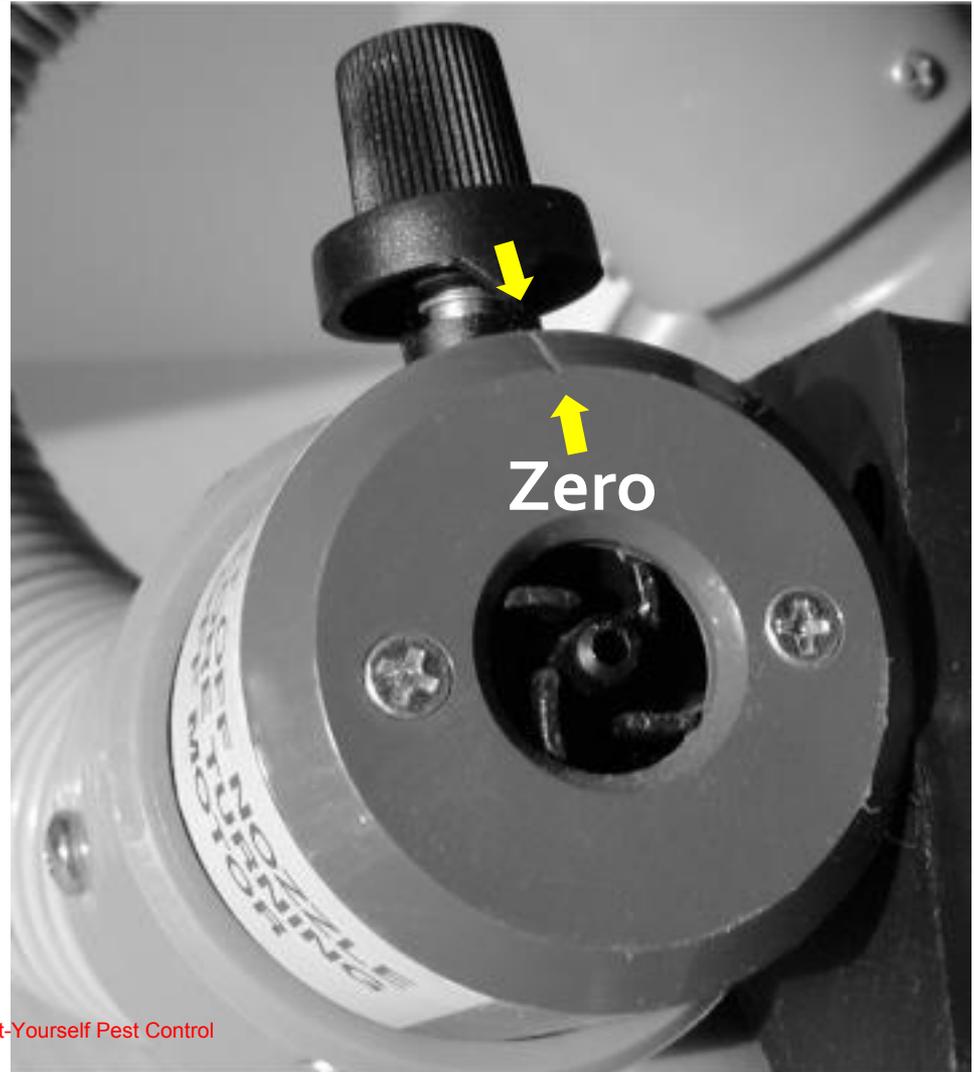
**Turn adjustment knob** to the right to Off / Closed position, do not make it tight

**Push down + turn** base of adjustment knob to move point to the Zero position



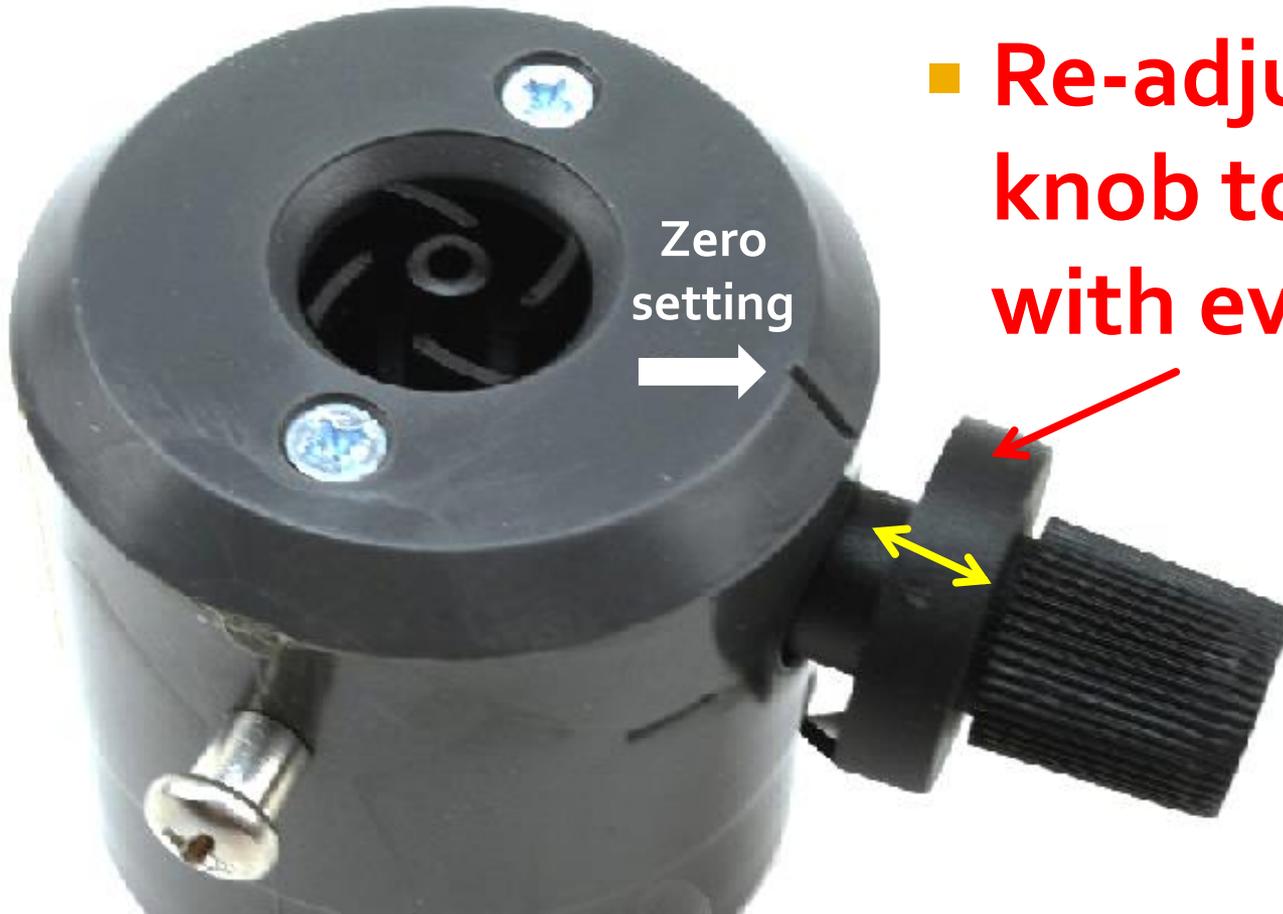
# Point Adjustment

**Move point** to groove (Zero) on the front of nozzle...  
...then turn knob open...



# Adjustment Knob

- **Re-adjust the knob to Zero with every use...**



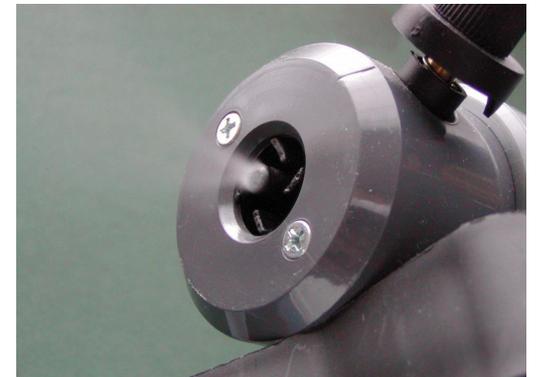
# Droplet Selection

**1/4 - turn**  
**32 microns**

[Spray droplets not visible]



**3/4 quarter turn**  
**39 microns**



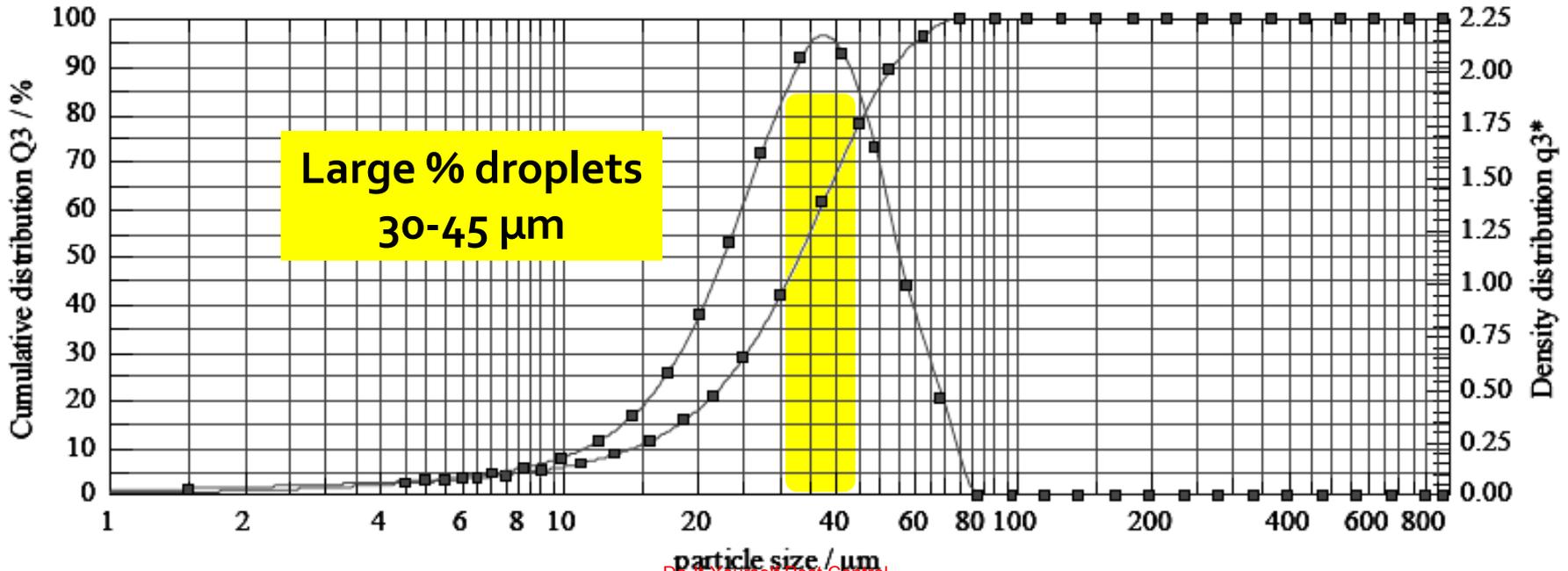
# Adjustment Knob: 1/4 turn

10% of droplets  
14.5  $\mu\text{m}$  or smaller

VMD - 33  $\mu\text{m}$

90% of droplets  
53  $\mu\text{m}$  or smaller

Dv10= 14.52 +/- 2.07  $\mu\text{m}$  Dv50= 33.20 +/- 1.52  $\mu\text{m}$  Dv90= 53.79 +/- 1.93  $\mu\text{m}$   
Relative Span = 1.18 %Less75um = 100.00



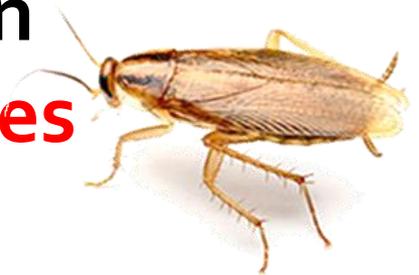
# Droplet Size: Pest



- 1/4 to 2 quarter turns to kill **house flies**  
*32 microns*

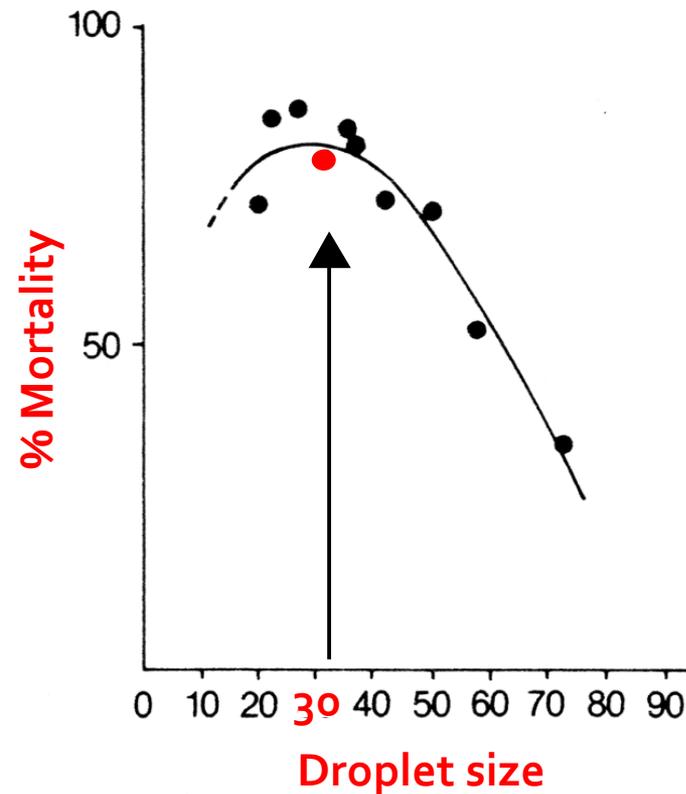


- 3/4 turn to full open to kill **cockroaches**  
*39 microns*



# Adult House Fly Control

**30 to 35 micron**  
droplets provide  
best contact and kill  
of adult house flies



Takebayashi, Y. 1998. SP World No. 26: 3-7.

# Application Rate / Minute



**1 quarter turn = 0.33 ounces**



**2 quarter turns = 0.75 ounces**



**Full open = 2.5 ounces**

# Droplet Throw Distance

Spray extends up to  
8 feet from nozzle



3 feet

30 mph

5 ft.

16 mph

8 ft.

9 mph

Droplets are  
delivered beyond  
8 feet

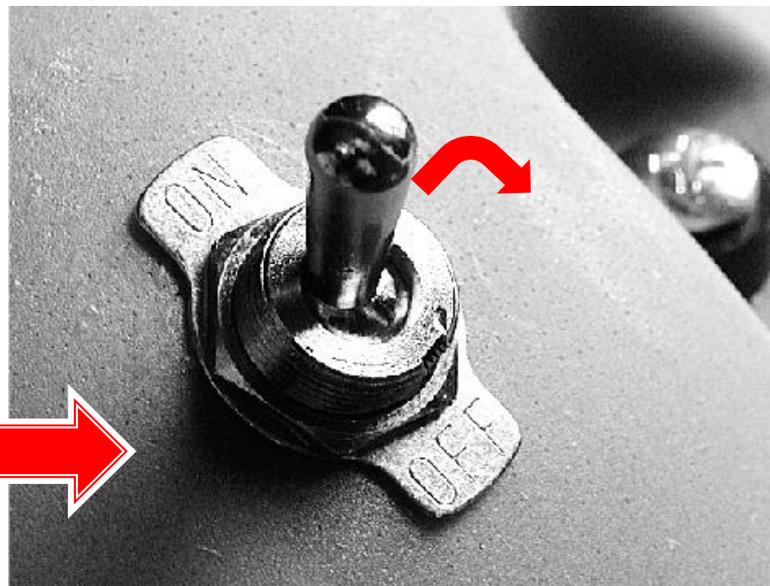
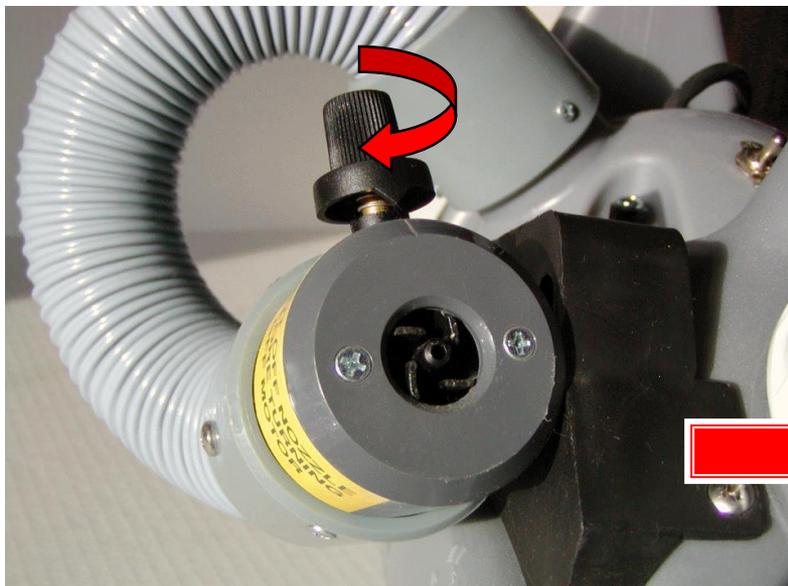
# Space Spraying

**1/2 turn**  
of adjustment knob  
**1.5 minutes = 1 ounce**

- For every 1,000 cubic feet...treat for **1.5 min.** to get **1 ounce / 1,000**



# Turning off the fogger...



**First this...**  
Turn back to  
**Zero**



**...then this**  
turn motor  
**Off**

# Shut-Down Sequence



- **Tank is pressurized** and liquid will continue to flow to the open nozzle and drip into the hose ...and then damage motor



**Hint:** Open / close tank cap to relieve pressure and liquid flow to the nozzle

# 2600 Flex-A-Lite Fogger



- Models are available with a 18 inch hose

# 2400 Fogger



# 2400 Fogger

# 2400 Fogger

- Without the application hose
- Flow rate and adjustable droplet size the same as the 2600 fogger



# 2300 Fogger

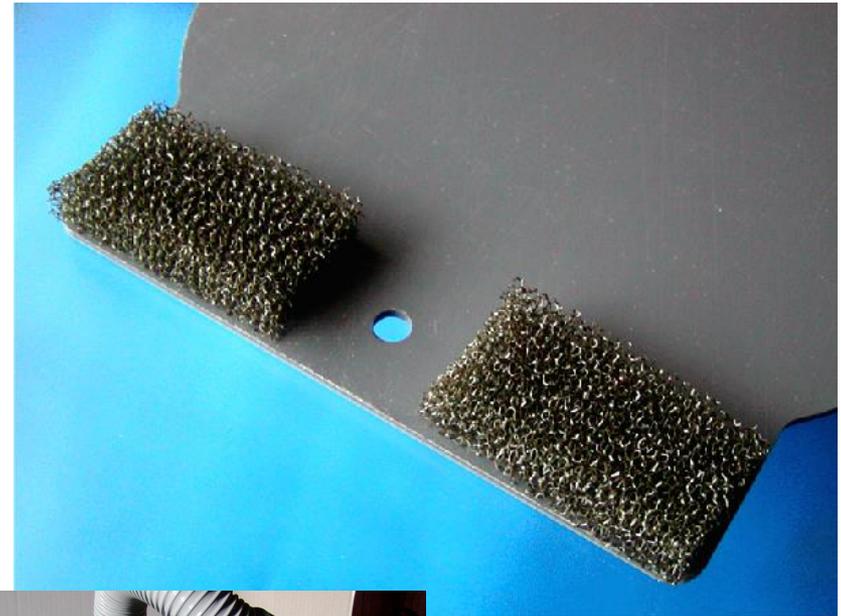


## 2300 Fogger

- Has a single-stage fan and produces large droplets (not ULV)

# Maintenance

- Remove the bottom plate and use soap and water to clean and dry the small air filters



# Application Ring

- Droplets from oil-based formulations fall to the ground and form a distinct ring
- Operate fogger for periods of about 20-minutes



# Handling Abuse

- Electric cords and application hoses on foggers can be damaged by careless handling



**Electric cord pulled out of a B&G 2600 fogger**

# Handling Abuse



Clogged filter on a B&G 2600 fogger

- Air filter should be cleaned regularly to keep dirt from entering the fan motor

# Maintenance

- Fan motor can be damaged by moisture, usually from placing the fogger on wet surfaces during operation



# Power Supply

- **Use a 3-prong** extension cord and the proper gauge:

**50 feet = 16 gauge**

**100 feet = 14 gauge**

**250 feet = 10 gauge**





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