



a Pelsis Group Brand  pelsis



2600, 2400, 2300 Foggers

2019

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

2600 Flex-A-Lite

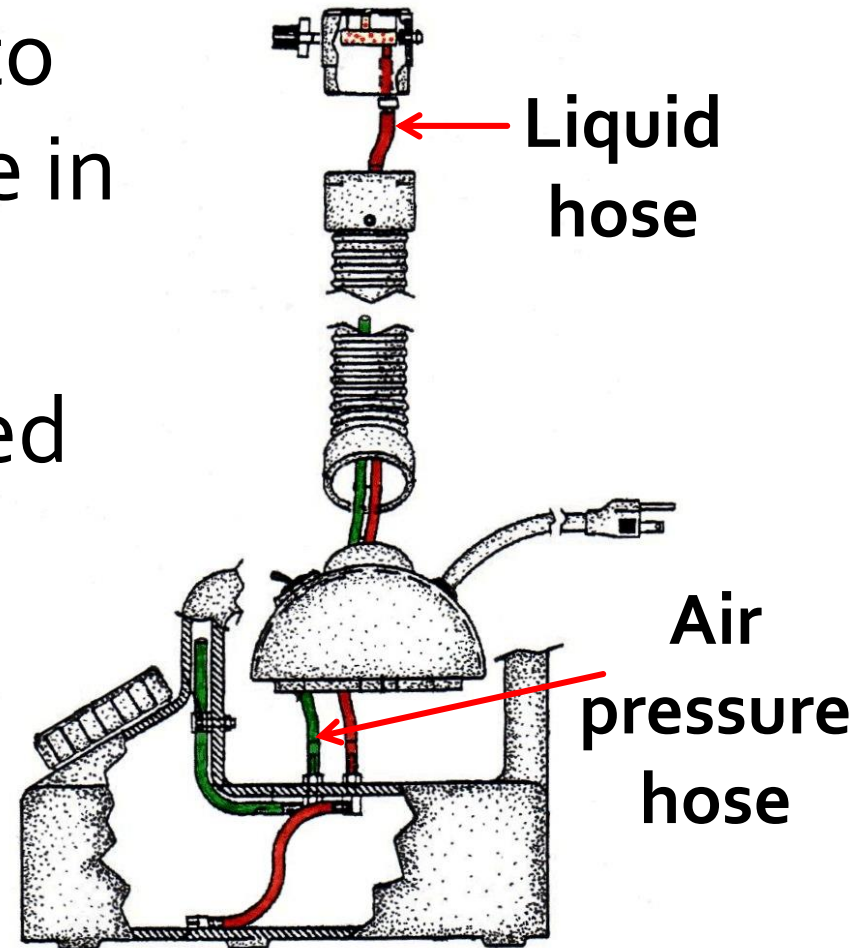
2600 Fogger



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**

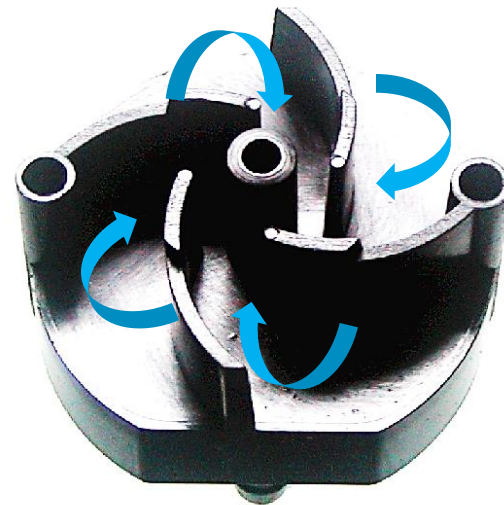


How it Works: Droplets



Vortex nozzle

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



Point Adjustment

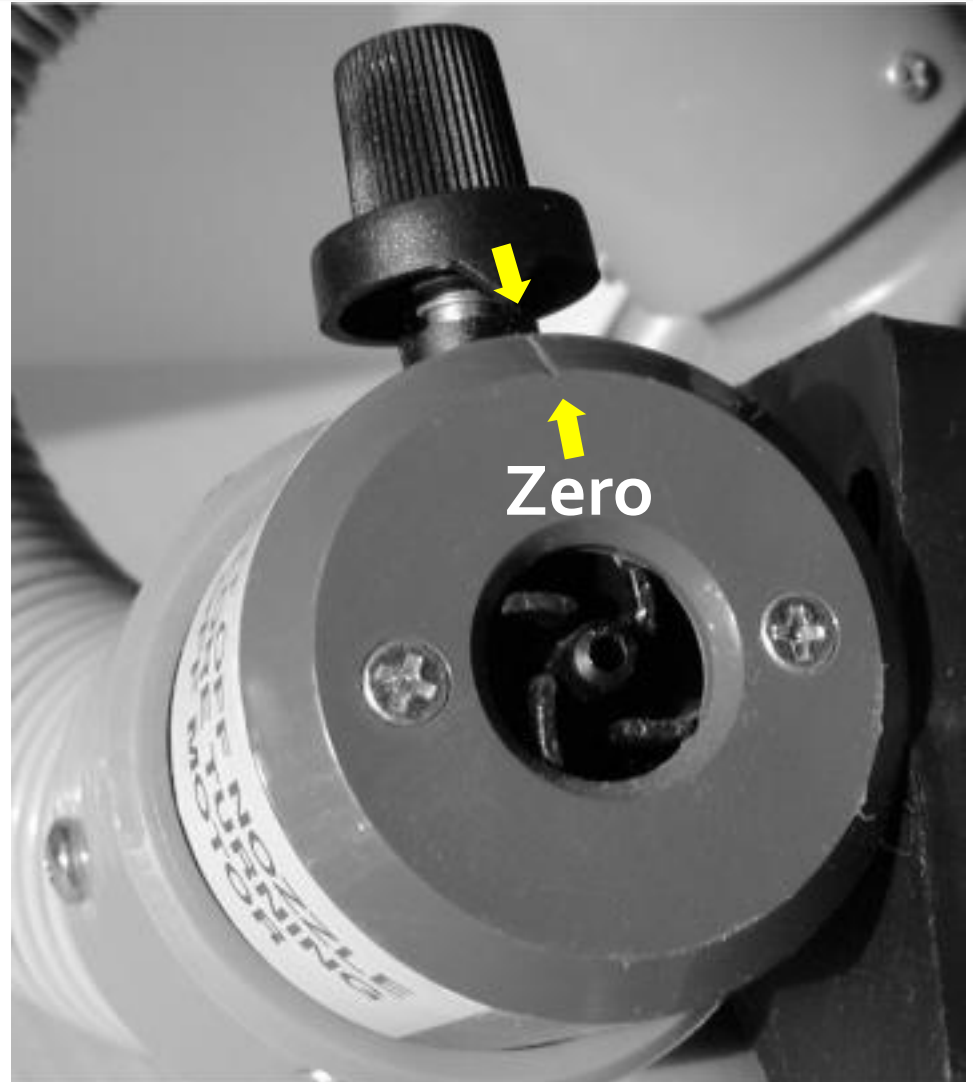
Turn adjustment knob to the right to Off / Closed position, do not make it tight

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



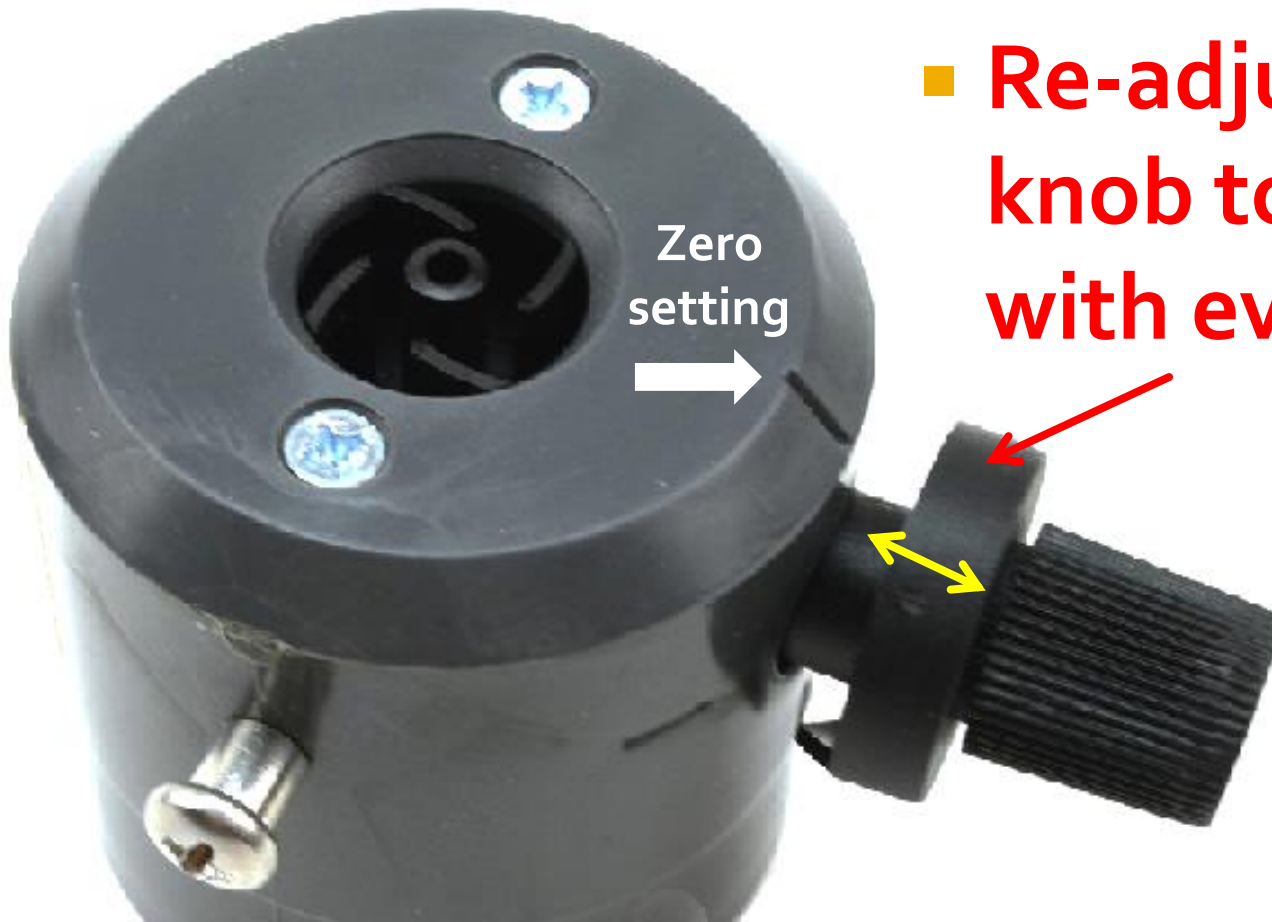
Point Adjustment

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



Adjustment Knob

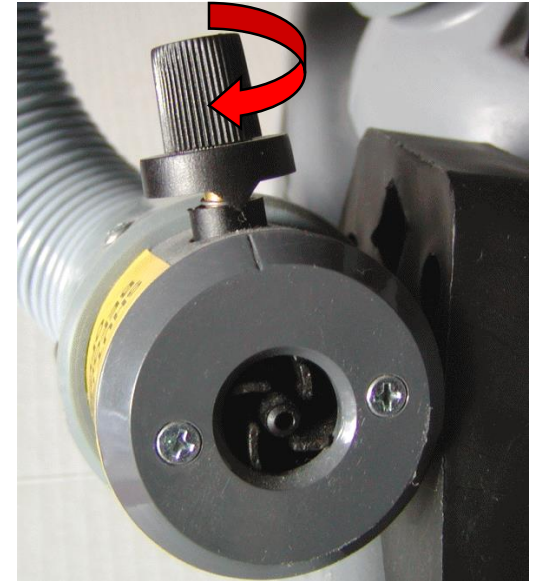
- Re-adjust the knob to Zero with every use...



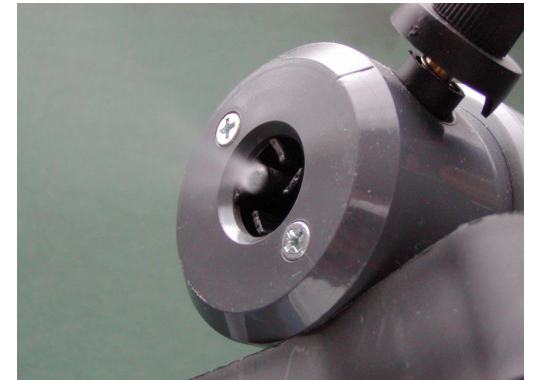
Droplet Selection

1/4 - turn
32 microns

[Spray droplets not visible]



3/4 quarter turn
39 microns



Adjustment Knob: $\frac{1}{4}$ turn

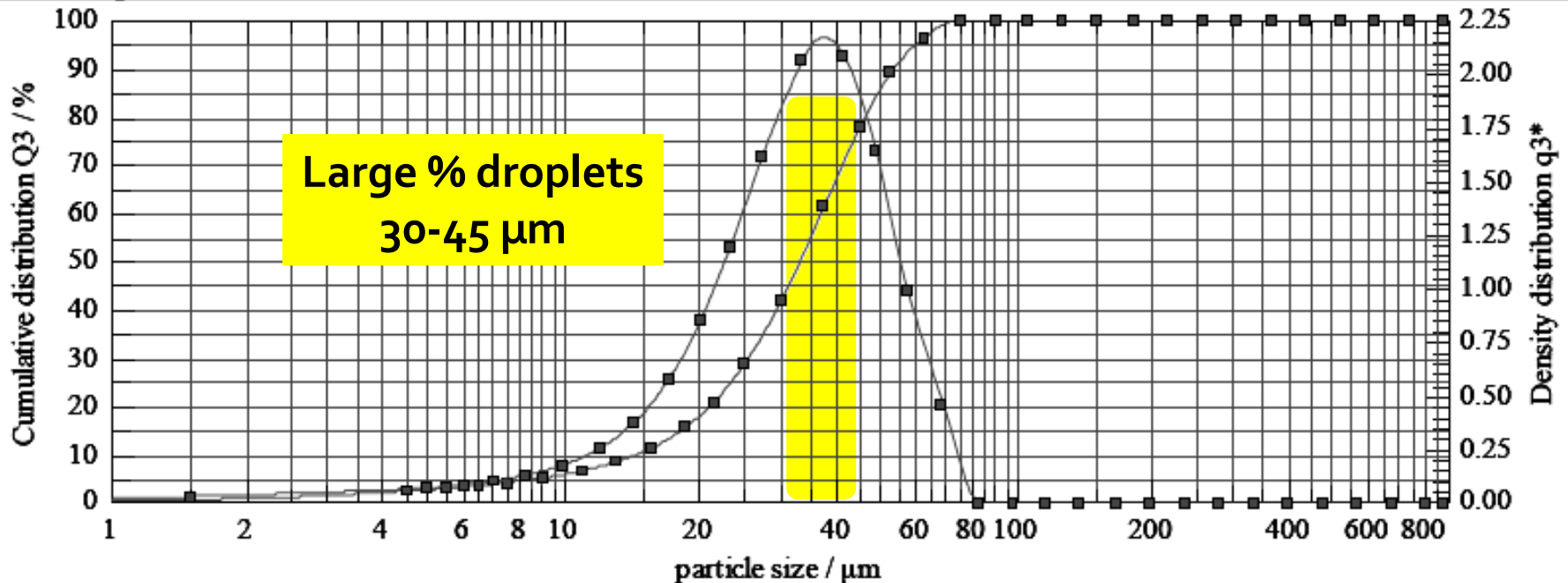
10% of droplets
14.5 μm or smaller

VMD - 33 μm

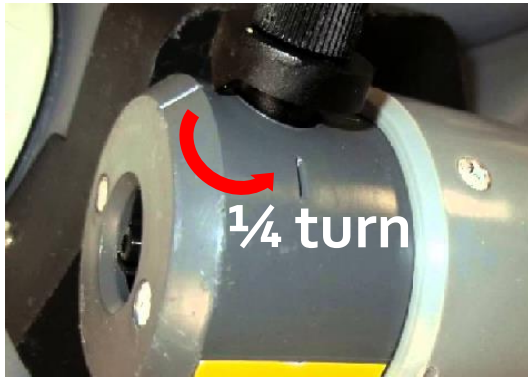
90% of droplets
53 μm or smaller

Dv10= 14.52 \pm 2.07 μm Dv50= 33.20 \pm 1.52 μm
Relative Span = 1.18 %Less75um = 100.00

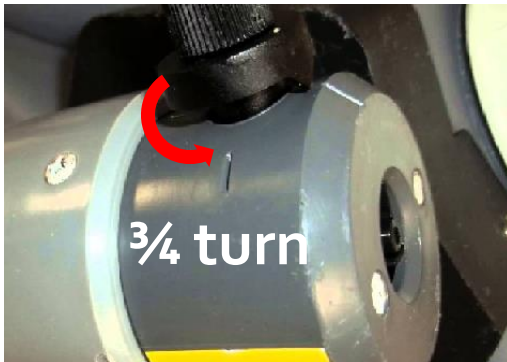
Dv90= 53.79 \pm 1.93 μm



Droplet Size: Pest



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

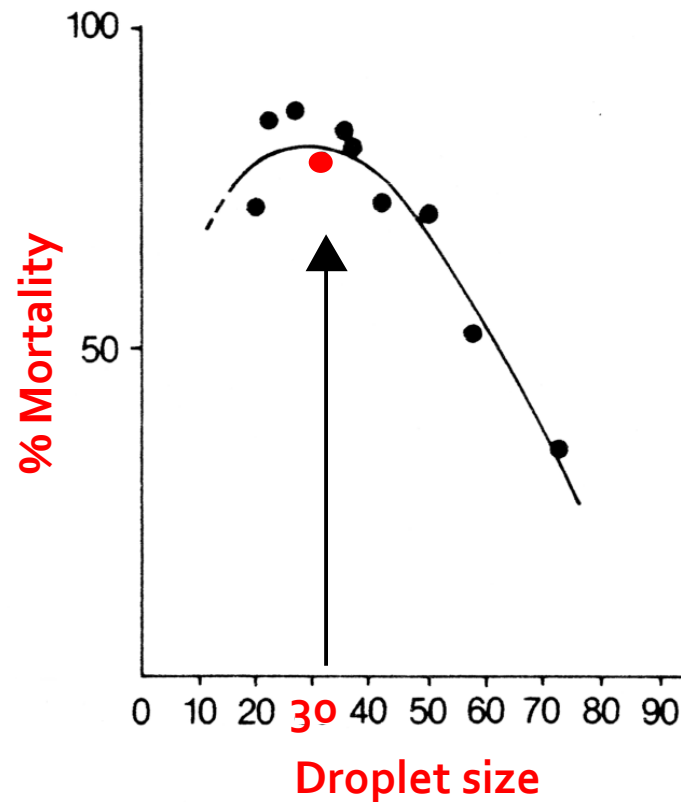


- 3/4 turn to full open to kill **cockroaches**
39 microns



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

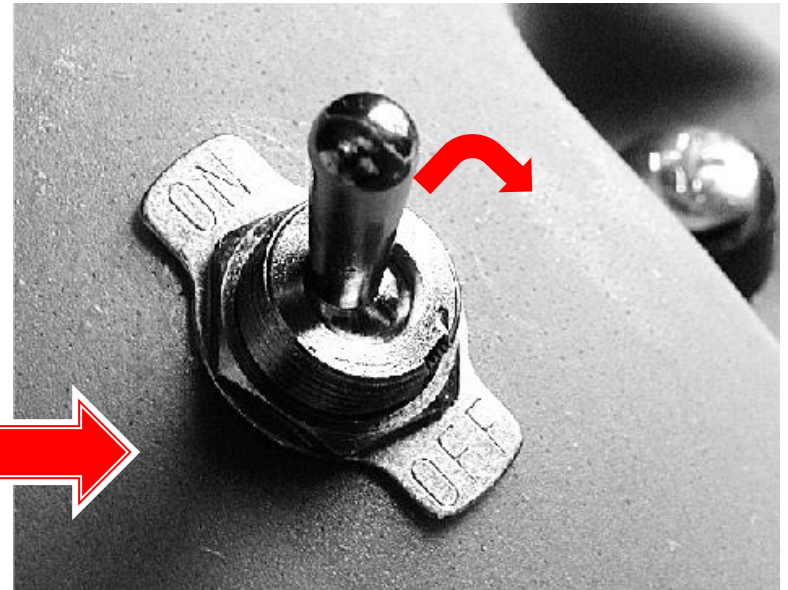
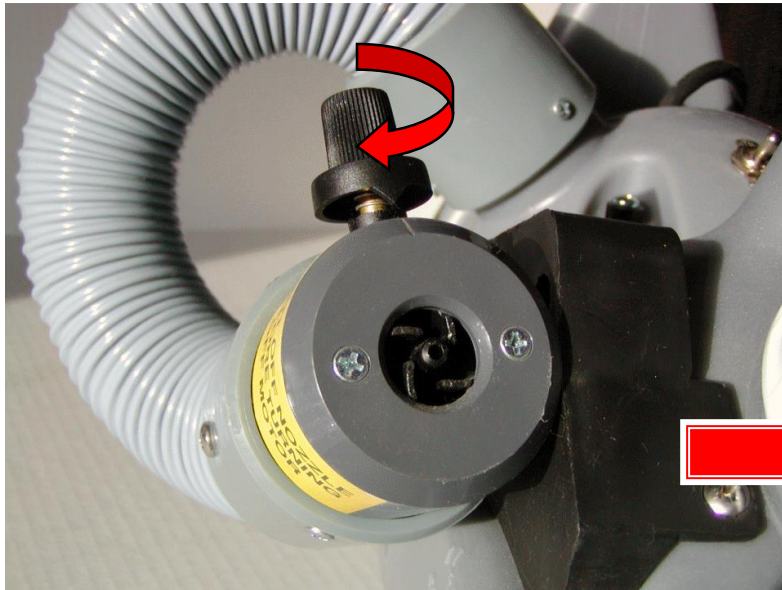
Space Spraying

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

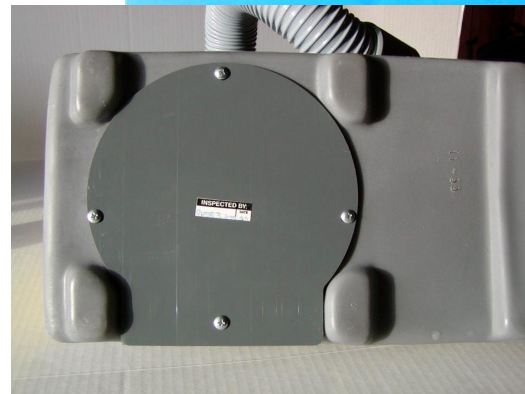
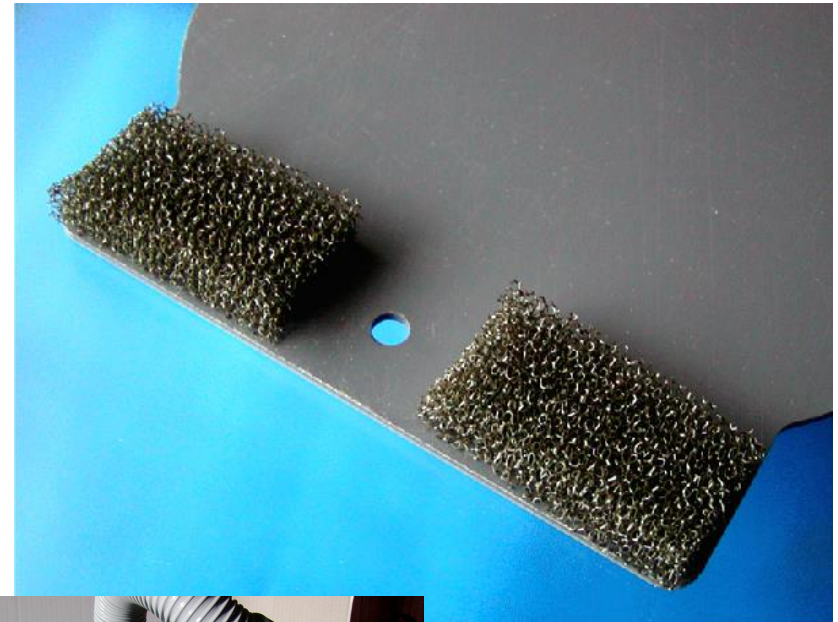


2300 Fogger

- 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



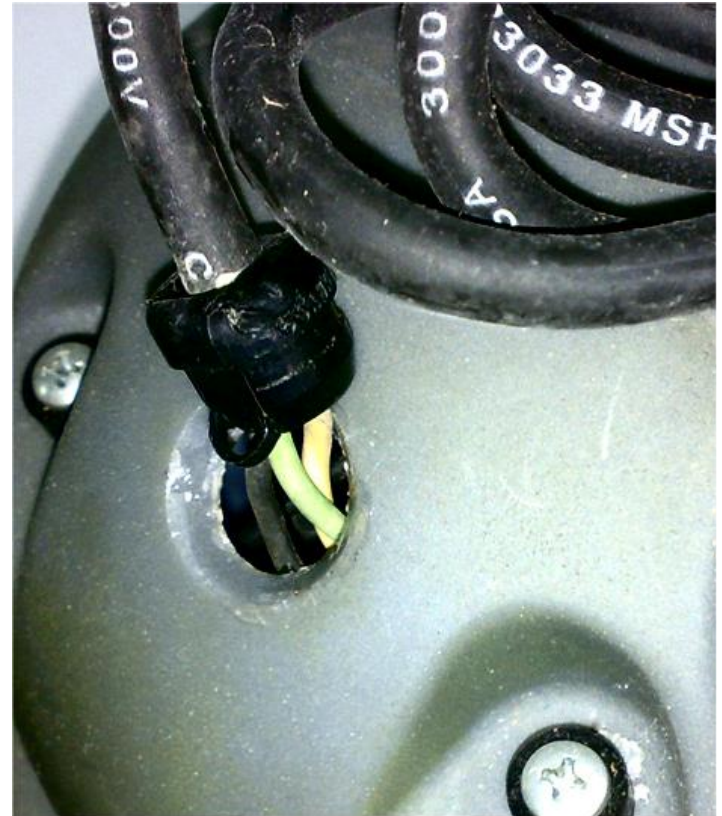
Application Ring

- 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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