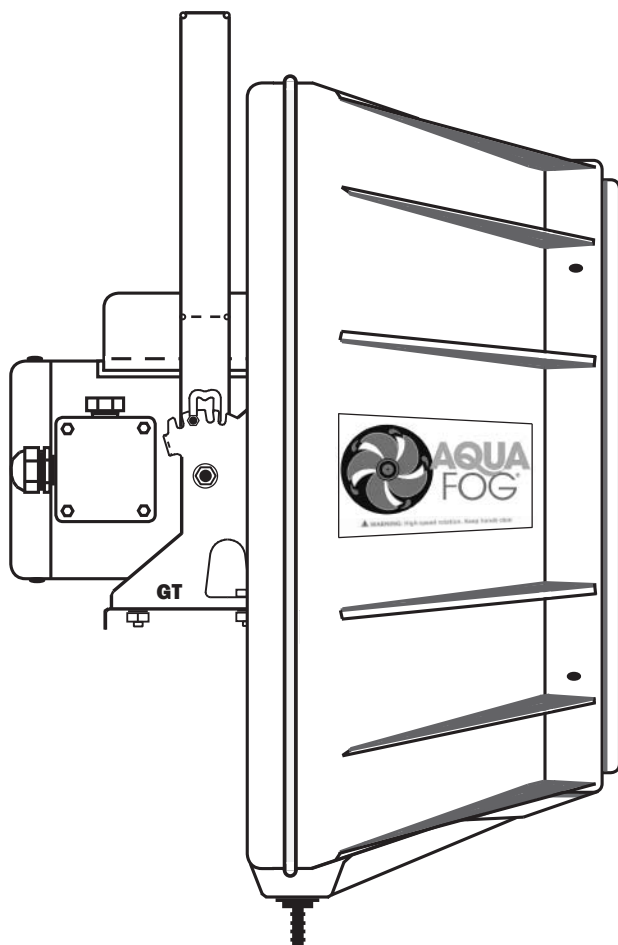




## GT-500 ATOMIZER

### USER'S MANUAL AND OPERATING INSTRUCTIONS



#### GT 500 MODEL

- ☐ 115V 50/60Hz
- ☐ 230V 60Hz
- ☐ 240V 50Hz

UL and CSA Electrical Components

## OPERATOR'S MANUAL



#### NOTICE

Read & Understand  
Retain for Future Reference

## TABLE OF CONTENTS

	PAGE
General Safety .....	3
Common Setups .....	4
Placement .....	5 - 6
Unpacking/ Installation .....	7
Pivot/ Utilities .....	8
Power Connection .....	9
Operation .....	10
Troubleshooting .....	11 - 12
GT 500 Exploded View .....	13 - 14
Oscillator Exploded View .....	15
Part Identification List .....	16
Maintenance .....	17
Warranty .....	18


## DESCRIPTION

AquaFog units are intended to condition large volumes of air using water or other non-hazardous liquids at air temperatures between 31°F and 160°F. Any other use of these units will void the warranty and the manufacturer will not be responsible for problems or damages resulting from misuse.


### Safety Guidelines

This manual contains very important information. This information will help ensure SAFETY and PREVENT EQUIPMENT PROBLEMS. Use these symbols to understand safety guidelines.

** DANGER** DANGER INDICATES AN IMMINENTLY HAZARDOUS SITUATION WHICH, IF NOT AVOIDED, WILL RESULT IN DEATH OR SERIOUS INJURY.

** WARNING** WARNING INDICATES A POTENTIALLY HAZARDOUS SITUATION WHICH, IF NOT AVOIDED, COULD RESULT IN DEATH OR SERIOUS INJURY.

** CAUTION** CAUTION INDICATES A POTENTIALLY HAZARDOUS SITUATION WHICH, IF NOT AVOIDED, MAY RESULT IN MINOR OR MODERATE INJURY.

** NOTICE** NOTICE INDICATES IMPORTANT INFORMATION, THAT IF NOT FOLLOWED, MAY CAUSE DAMAGE TO EQUIPMENT.

## Notes

# GENERAL SAFETY

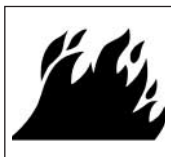
Since the GT 500 uses high-speed components to atomize liquids, the following safety precautions must be observed at all times:

1. Read all manuals included with this product. Be familiar with the product and controls.
2. Follow United States Environmental Protection Agency (EPA) guidelines and regulations when fogging pesticide or chemical solutions.
3. Follow all local electrical and safety codes as well as the United States National Electrical Codes (NEC) and Occupational Safety and Health Act (OSHA).
4. Only persons well acquainted with these rules of safe operation should be allowed to use the atomizer.
5. Keep visitors away and NEVER allow children in the work area.
6. Before each use, inspect blade assembly and electrical components for signs of damage, deterioration, weakness or leakage. Repair or replace defective items before using.
7. Check all fasteners at frequent intervals for proper tightness.



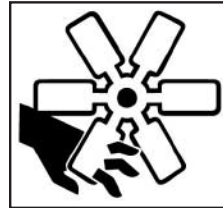
## WARNING

**MOTORS, ELECTRICAL EQUIPMENT AND CONTROLS CAN CAUSE ELECTRICAL ARCS THAT WILL IGNITE FLAMMABLE LIQUID OR GAS. NEVER OPERATE OR REPAIR IN OR NEAR FLAMMABLE LIQUID OR GAS. NEVER STORE FLAMMABLE LIQUIDS OR GASES IN THE VICINITY OF THE ATOMIZER.**



## DANGER

### **HIGH-SPEED ROTATION**



A motionless atomizer may appear safe, but its blade could suddenly begin high-speed rotation without warning as a result of control programming.

When GT 500 are automated by controls, warning signs should be posted near the high-speed equipment.

**Disconnect and lock out power source to inspect or service the unit.**

## WARNING

### **NEVER OPERATE THE GT 500 WITHOUT THE SAFETY GUARD**

**IN PLACE IF THE UNIT IS LOWER THAN SEVEN FEET ABOVE WORKING HEIGHT.**

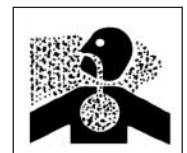
9. Keep fingers away from a running unit; fast moving and hot parts will cause injury and/or burns.
10. If the equipment starts to vibrate abnormally, STOP the motor and check immediately for the cause. Vibration is generally an indication of trouble.

## Fogging Precautions

## DANGER

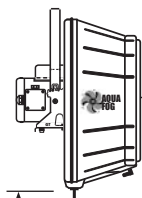
### **DO NOT ATOMIZE FLAMMABLE MATERIALS.**

1. Humidity and cold air are two common asthma triggers. Asthmatic people working with this equipment need to be made aware of the risk.
2. When atomizing toxic chemicals, follow the instructions provided by the chemical manufacturer.

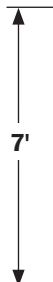


# COMMON SETUPS

## 7 FEET OR HIGHER



Removal of the front guard may produce drier results, especially when operating at higher fogging outputs.



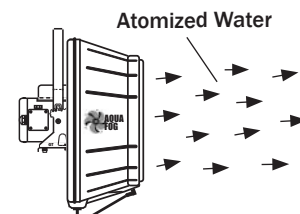
GT 500s perform best when mounted up high. In addition, OSHA regulations allow fans to be unguarded if mounted 7 feet above working height.

## WATER FEED (ordinary 30 - 70 PSI)

GT 500s are also usually connected to automated control panels with water solenoids. However, if planning to operate the unit manually (no control) and with a limited drainage area, adding a water solenoid will provide security. During power outages, the flow of water will shut off along with the unit.

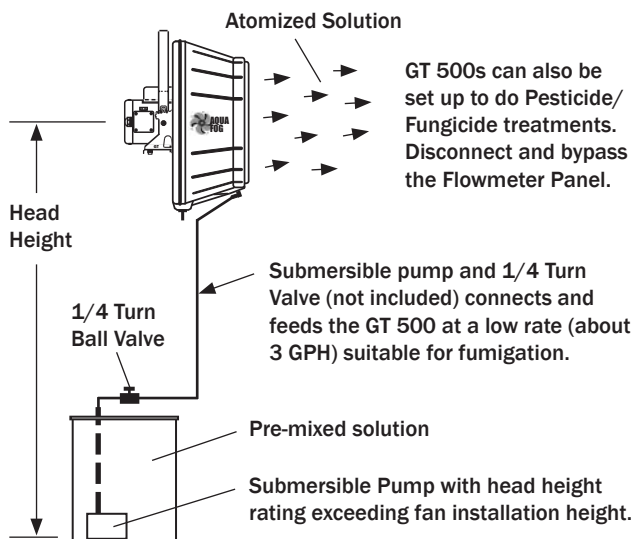
Pressurized Water Supply

Water Solenoid from Control Panel or controlled by On/Off switch (optional).



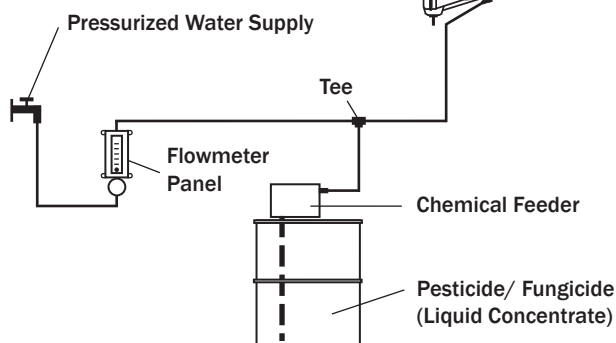
Flowmeter Panel (usually mounted at lower height for easy monitoring)

## SUBMERSIBLE PUMP FEED

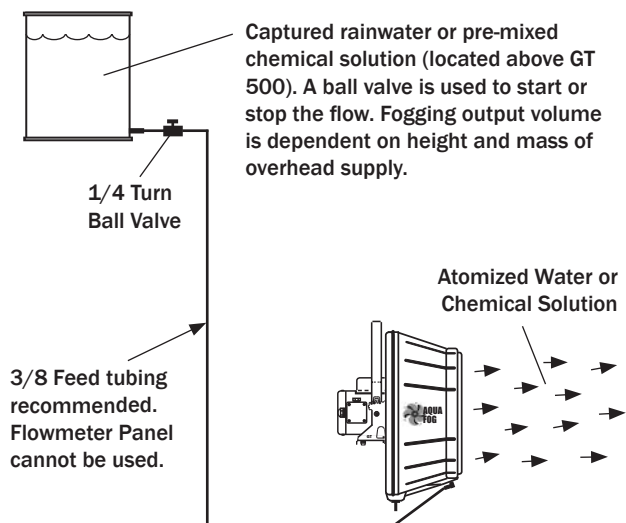


## CHEMICAL INJECTION FEED

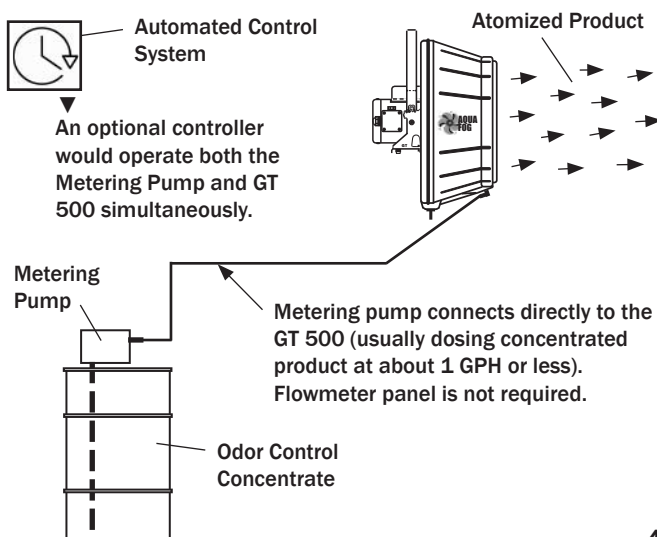
Chemical Feeder doses concentrate into fresh water going through GT 500's Flowmeter Panel (usually at about 5 GPH or less).



## GRAVITY FEED



## METERING PUMP FEED



# PLACEMENT



## Placement Guidelines



### NOTICE

**LOCATE A LEVEL AREA TO SET UP A STAND. TO HANG THE UNIT, SECURE AND LEVEL 1" PIPE ABLE TO SUPPORT 50 LBS.**



**Mount the fan high overhead.** Allow room in front of and below the fan for the unobstructed propulsion of fog. Rule of thumb: the higher the better, but mount at least three feet away from any roofing structures.

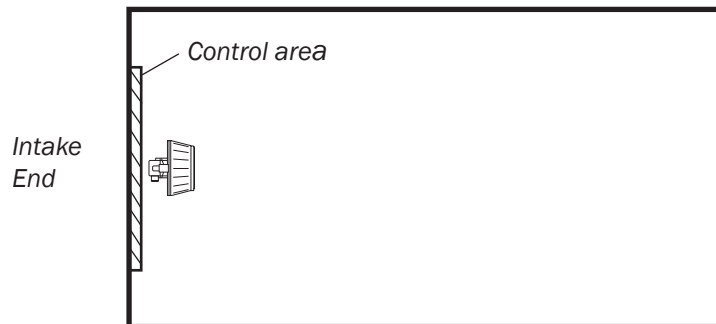
**Mount the fan at the intake end of a ventilated structure.** In structures with mild to no ventilation, propel fog the length of the structure. In large structures, use of an oscillator greatly enhances coverage and circulation.

**DO NOT:** Mount the fan near the ground or underneath tables or benches.

**DO NOT:** Propel the fog into the wind (direction of airflow).

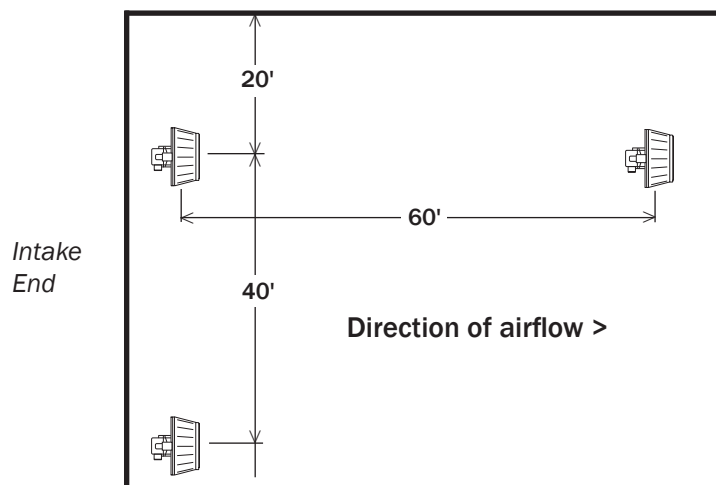
**DO NOT:** Cramp the fan in tight quarters or skinny aislesways.

## Layout Guidelines



### Small Structures

In applications requiring only one unit, mount the fan high, centered along one wall, with fog propelling horizontally along the length of the structure. If there is ventilation, mount the fan at the intake end of the structure. Generally, no oscillation is necessary unless the width of the structure is greater than 20'. The best location for automated controls is behind the fan, at an easily accessible level for monitoring.



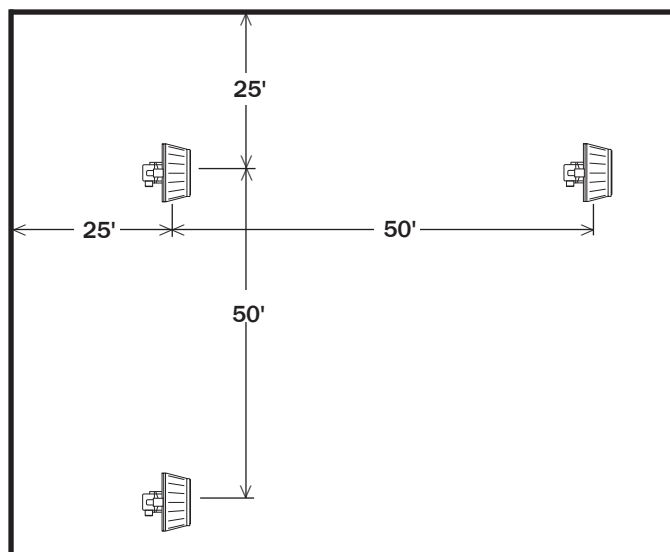
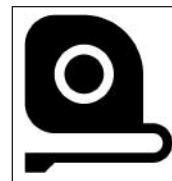
### Large Structures, Forced Ventilation

In large structures equipped with forced ventilation, the first fan row should be within a few feet of the intake end, with first fan:

- centered along the end wall (or)
- placed no more than 20' from the side wall, with additional fans in the row equally spaced no more than 40' apart.

Lengthwise, the fans should be equally spaced no farther than 60' apart. All fans should be equipped with oscillation, sweeping 180° in the direction of airflow.

## PLACEMENT (CONT.)

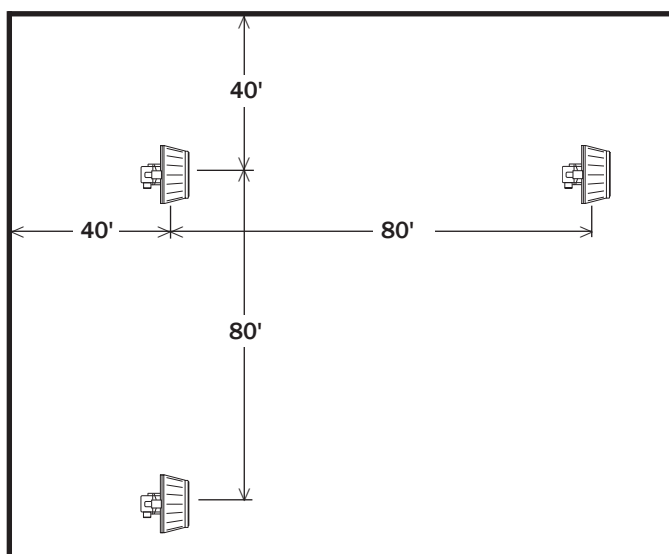


### Large Structures, Natural Ventilation

In large structures with natural ventilation, propel fog the length of the structure with the first fan row no more than 25' from the end wall. The first fan should be:

- centered along the end wall (or)
- placed no more than 25' from the side wall, with additional fans in the row equally spaced no farther than 50' apart.

Lengthwise, the fans should be equally spaced and no more than 50' apart. All fans should be equipped with oscillation, sweeping 360°.



### Large Structures, Closed or Minimum Ventilation

In closed structures with little to no ventilation, propel fog the length of the structure with the first fan row no more than 40' from the end wall. The first fan should either be:

- centered along the end wall (or)
- placed no more than 40' from the side wall, with additional fans in the row equally spaced no farther than 80' apart.

Lengthwise, the fans should be equally spaced and no farther than 80' apart. All fans should be equipped with oscillation, sweeping 360°.

# UNPACKING

## CHECKLIST ✓

- (1) 1/4-20 Hanger U-bolt Package
- (1) 5/16-18 Universal Hanger Bolt Package
- (1) 5/32" Allen Wrench
- (1) 3/32" Allen Wrench
- (6) Wire Tie

## TOOLS REQUIRED

- ▶ Level
- ▶ 7/16" Wrenches
- ▶ 1/2" Wrenches

## ⚠ WARNING

**DO NOT OPERATE UNIT IF DAMAGED DURING SHIPPING, HANDLING OR USE. DAMAGE MAY RESULT IN BREAKAGE AND CAUSE INJURY OR PROPERTY DAMAGE.**



After unpacking the unit, inspect for any damage that may have occurred during transit. Make sure to tighten fittings, bolts, etc. before operation.

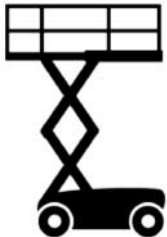


## ⚠ DANGER

**USING A LADDER TO HANG THE GT 500 IS DANGEROUS. USE PROPER LIFTING EQUIPMENT LIKE A SCISSOR LIFT.**

# INSTALLATION

(A) Secure to Pipe	(B) Universal Mount	(C) With Oscillator
<p>1/4-20 U-bolt Package</p> <p>Support Bar (not provided)</p> <p>Hanger</p> <p>Lock Washer</p> <p>Finish Nut</p> <p>Nylon Lock Nut</p>	<p>Required Use</p> <p>Nylon Lock Nut</p> <p>Finish Nut</p> <p>Lock Washer</p> <p>Flat Washer</p> <p>Hanger</p> <p>Flat, Level Surface</p> <p>Anti-seize</p> <p>5/16-18 Bolt Package</p> <p>Drill 5/16" Clearance Hole in Support</p>	<p>1/4-20 U-bolt Package</p> <p>Support Bar (not provided)</p> <p>Lock Washer</p> <p>Finish Nut</p> <p>Nylon Lock Nut</p> <p>Oscillator</p> <p>Hanger</p> <p>(2) 1/4-20 Bolt</p>



**Securing To Pipe** - Use U-bolts provided. Tighten securely. The nylon locknut should be tightened on top of the first nut to provide added protection.

**Universal Mount** - The support should be secure, level and flat. Drill a 5/16" clearance hole. It is IMPORTANT to tighten the second nylon locknut on top of the first nut to provide added protection. **Note:** Anti-seize applied to bolt prevents galling.

**Installation with Oscillator** - Support bar should be level. Use the U-bolts Package supplied with unit to secure Oscillator to bar. Use (2) 1/4-20 bolts with nylon lock nuts to attach the GT unit to the oscillator's support plate.

NOTE: Tighten securely using two opposing wrenches to prevent stress on oscillator's internal gears.

## PIVOT ADJUSTMENT

### Pivot Locking System

After securing the the GT 500, a pivot adjustment can be made to direct the fogging output to a desired location.

This unit has a positive pivot locking system with four available positions.

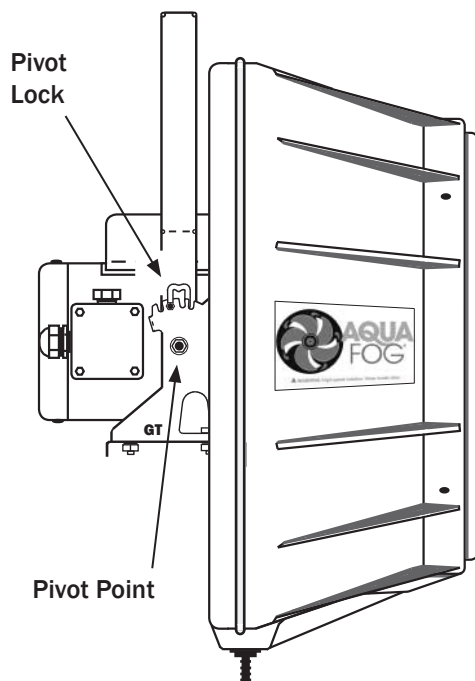
- ~ 5° up
- ~ Horizontal
- ~ 7° down
- ~ 14° down

### To Make an Adjustment

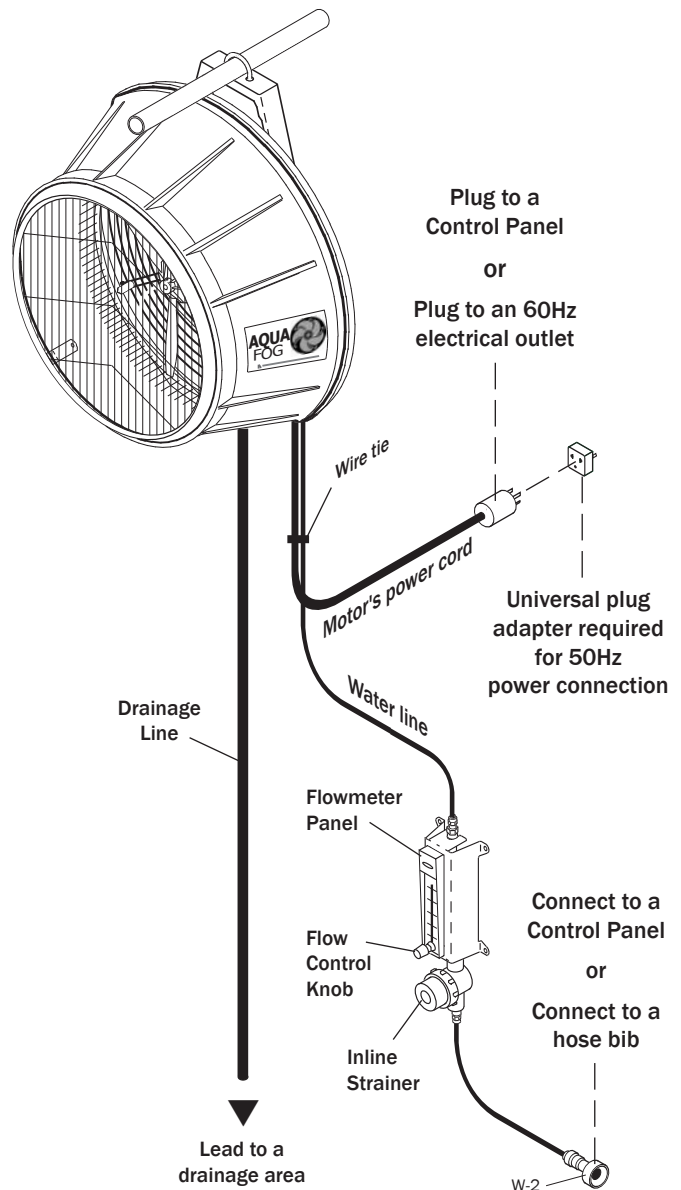
Relieve the weight of the unit and lift one pivot lock up and rest it in the middle of the "M". While securely supporting the unit, lift the second lock up.

Adjust unit to desired angle. Re-engage both locks into the closest available slot.

**NOTE:** Use both sides of the "M" to access all four pivot angles.



## UTILITIES



**Water** - The Flowmeter Panel is equipped with a 1/4" tube connector at the base of the inline strainer and can be connected to a water supply in various ways:

- Directly to an automated timer, thermostat or humidistat control.
- Directly to a garden hose water supply connection.

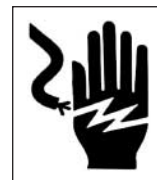
**Drainage** - Attach the 1/2" drain tubing (push fit) to the drain fitting at the bottom of the fan housing.



# Power Connection

## **WARNING**

**GROUND FAULT RECEPTACLE IS RECOMMENDED AND MAY BE REQUIRED BY LOCAL AND/OR NATIONAL CODE.**



EXTENSION CORD SPECIFICATIONS*		
FOR SINGLE FAN USE ONLY • (AWG - American Wire Gauge)		
Voltage	25 to 50 ft.	50 to 100 ft.
115	16 AWG	14 AWG

\*Grounded and suitable for outdoor use.



**PROPERLY  
GROUND ALL  
CONNECTIONS**

## Wiring the Oscillator

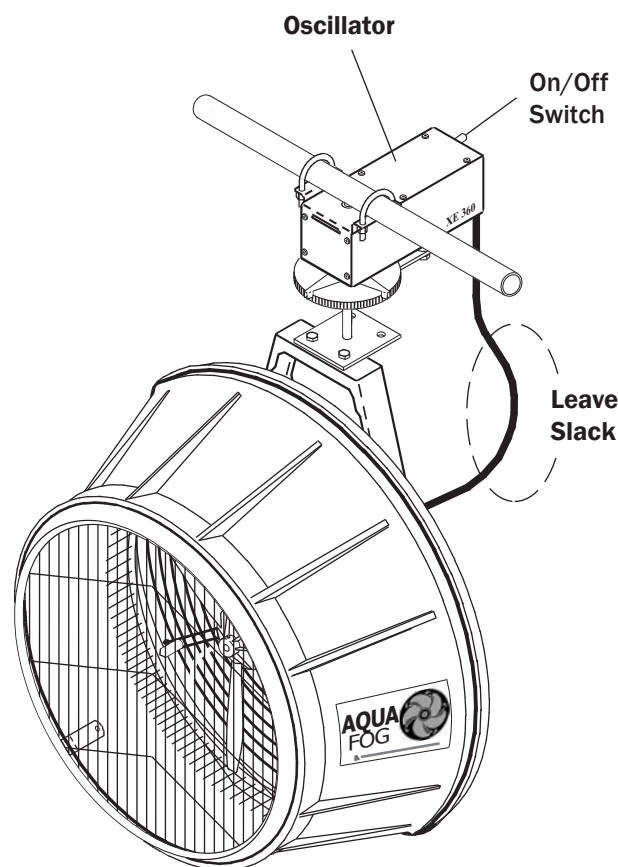
### **WARNING**

**ALL WIRING AND ELECTRICAL  
CONNECTIONS MUST BE  
PERFORMED BY A QUALIFIED ELECTRICIAN.**

Remove the black plug from the the top of the motor's junction box. Install the oscillator power cord and connector. This cord is pre-measured to the appropriate length. **DO NOT SHORTEN.**

Remove the motor junction box cover. Strip the ends of the oscillator power cord wires. Using the wire nuts provided, connect the oscillator cord wires and GT 500 motor wires as shown in the appropriate wiring schematic. (See Page 17)

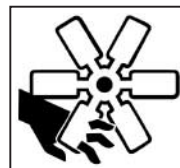
**NOTE:** GT 500 motors are dual voltage and can operate either on high or low voltage. For connection changes, refer to the electrical schematic located on the motor.



# OPERATION

## DANGER

**BEFORE TESTING FAN MAKE SURE ALL OBJECTS ARE OUT OF THE ROTATION PATH OF THE FAN BLADES. HIGH-SPEED WARNING. KEEP HANDS CLEAR! MAKE SURE GUARDS ARE INSTALLED OR UNIT IS OUT OF REACH.**



BUMP START GT 500 and check for proper fan blade rotation (clockwise if looking at front of unit). If incorrect, find rotation connection changes on the motor's electrical schematic.

## CAUTION

**LISTEN FOR UNUSUAL NOISE OR VIBRATION.**

Turn on the unit and listen for any possible abnormalities, such as the blades rubbing against the venturi. Make adjustments if necessary. If no problems are detected, slowly turn the flowmeter control knob counter-clockwise until the desired output is achieved. The fluid level ball should move up and down as adjustments are made.

**If using an oscillator**, check the rotational movement and be SURE THE POWER CORD HAS ENOUGH SLACK. If there is not enough, try re-mounting the GT 500 with the oscillator power cord falling in line with its motor.

**Note:** GT 500 can also be operated dry.

## Flowmeter Control

The volume of fog can be regulated by adjusting the flowmeter.

**Particle size is smaller at lower outputs, so it is better to operate the fan at a lower output for a longer period of time.**

Flowmeters maintain a more reliable flow rate if operated high on their flow scale.

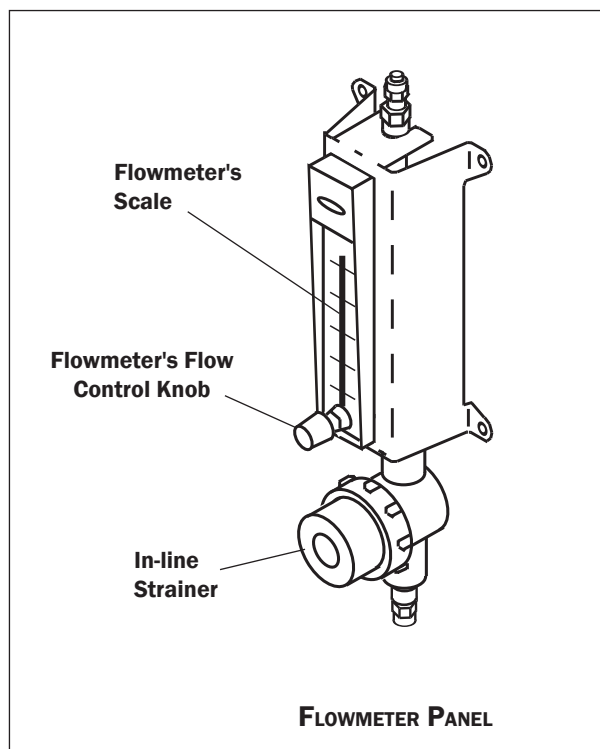
*If your desired output volume is close to the bottom of the scale, it may be beneficial to purchase a smaller flowmeter or install a 5 micron sediment filter.*

At the base of the flowmeter is an in-line strainer (Part #71) with a removable cap. Periodically check inside and flush any sediment from the screen.

## NOTICE

**CLOGGING OCCURS MORE FREQUENTLY WHEN OPERATING AT**

**LOW FLOW RATES.**



# TROUBLESHOOTING



## **WARNING**

**BEFORE INSPECTION AND/OR SERVICE  
DISCONNECT AND LOCK OUT POWER SOURCE.**

### **1. Fan Does Not Operate**

- A.) Check voltage requirements on unit and electrical supply. Check for live receptacle, plug, power line and toggle switch.
- B.) Look for any loose connections inside the main motor's junction box.

### **2. Unusual Noise**

- A.) Squealing at start-up or during operation may be caused by the motor shaft's bearing seal. Spray with lubricant at the front of the motor where the shaft exits the motor's frame.

### **3. No Fog**

- A.) If the flowmeter is closed, turn the flow control knob counter-clockwise to increase fogging output. Visually check for sediment clogs within the flowmeter's body and remove the inline strainer's cap to flush any debris from screen. Refer to the maintenance section for flowmeter cleaning instructions.
- B.) If the fan is automated and the water is supplied through a water solenoid, check to see if the solenoid is electrically activated by the control and check the solenoid for clogs.
- C.) If after checking both the flowmeter and solenoid, you still do not have any fog, begin a process of elimination starting with the water source. Disconnect and reconnect your plumbing before and after each device to check for any obstructions.

### **4. Poor Quality Fog**

- A.) The feed tube (Part #532) may not be pointing properly into the reservoir. The feed tube should be aimed slightly downward, into the slot area between the motor shaft and the stainless steel plate, rear of the blade assembly.
- B.) Reservoir or blades may be clogged. Fluid entering a clogged reservoir will sling out of the reservoir instead of entering the passageways of the fan blades. To clean, remove the blade assembly from the motor shaft and remove the stainless steel plate. Clean the reservoir area. Attempt to blow and listen for air through each blade. If clear, assemble and reinstall. If the blades cannot be unclogged, replace with a new blade assembly (Part #531).

### **5. Fog Slowly Decreases**

If fog output gradually decreases over time, sediment is slowly clogging the flowmeter's needle valve. Try operating at a higher output or cleaning the inline strainer (Part #71). If the problem persists, a smaller size flowmeter may be required. Flowmeters perform best when set halfway up the scale or higher.

## TROUBLESHOOTING (CONT.)



### **WARNING**

**BEFORE INSPECTION AND/OR SERVICE  
DISCONNECT AND LOCK OUT POWER SOURCE.**



#### **6. Fan Motor Becomes Excessively Hot**

The main fan motor normally becomes very hot to the touch. However, if it gets so hot that it begins to smell or smoke or the power cord becomes hot, discontinue operation and consult an electrician to properly evaluate the problem.

#### **7. Electrical Breaker Tripping**

If the electrical breaker trips off, there is an overload in the system and there may be a serious motor problem. Turn off all other devices connected to the same circuit. If the breaker continues to trip, the motor is probably in need of repair. Consult an electrician for evaluation.

#### **8. Fan and/or Motor Vibration**

- A.) If the fan unit begins vibrating severely, first be sure the blade assembly is fully engaged and securely tightened on the motor shaft. Next, inspect the blade assembly, particularly the ends of the blades. Look for wear or cracks - replace as necessary. Look for deposits of calcium or minerals - clean and remove mineral deposits and/or calcium.
- B.) If the vibration seems to be coming from the motor, first check that the motor mounting hardware is securely tightened. If hardware is secure, remove the blade assembly and operate the motor without the blade. If vibration continues, the motor has a serious mechanical problem and probably needs to be replaced.

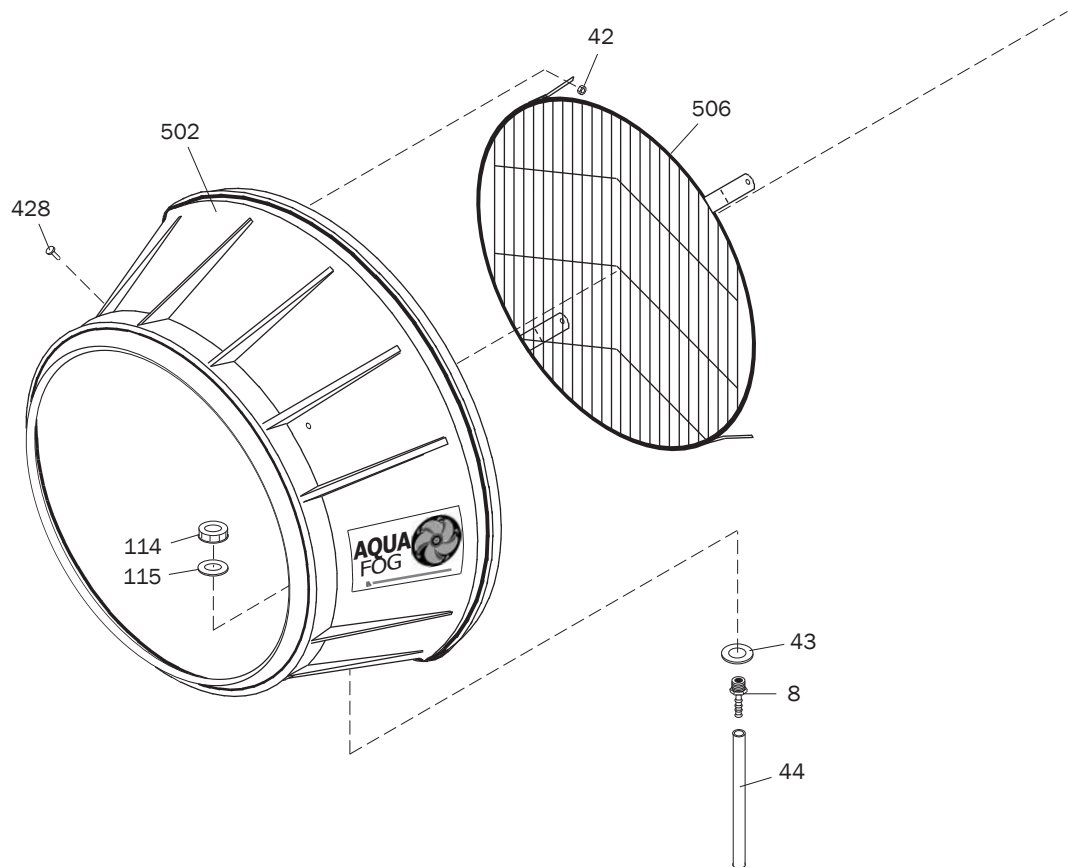
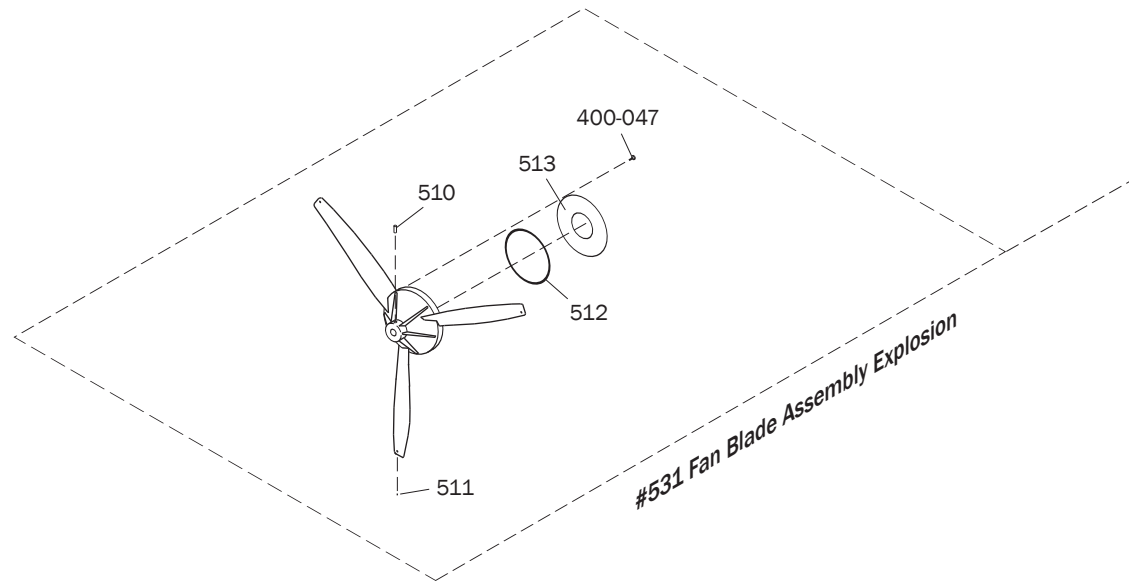
#### **9. Liquid Spilling From Fan Housing**

If liquid builds up inside the housing, the drain tube is clogged. Clean debris from around the drain inside the housing and flush drain tube.

#### **10. Plumbing Leaks**

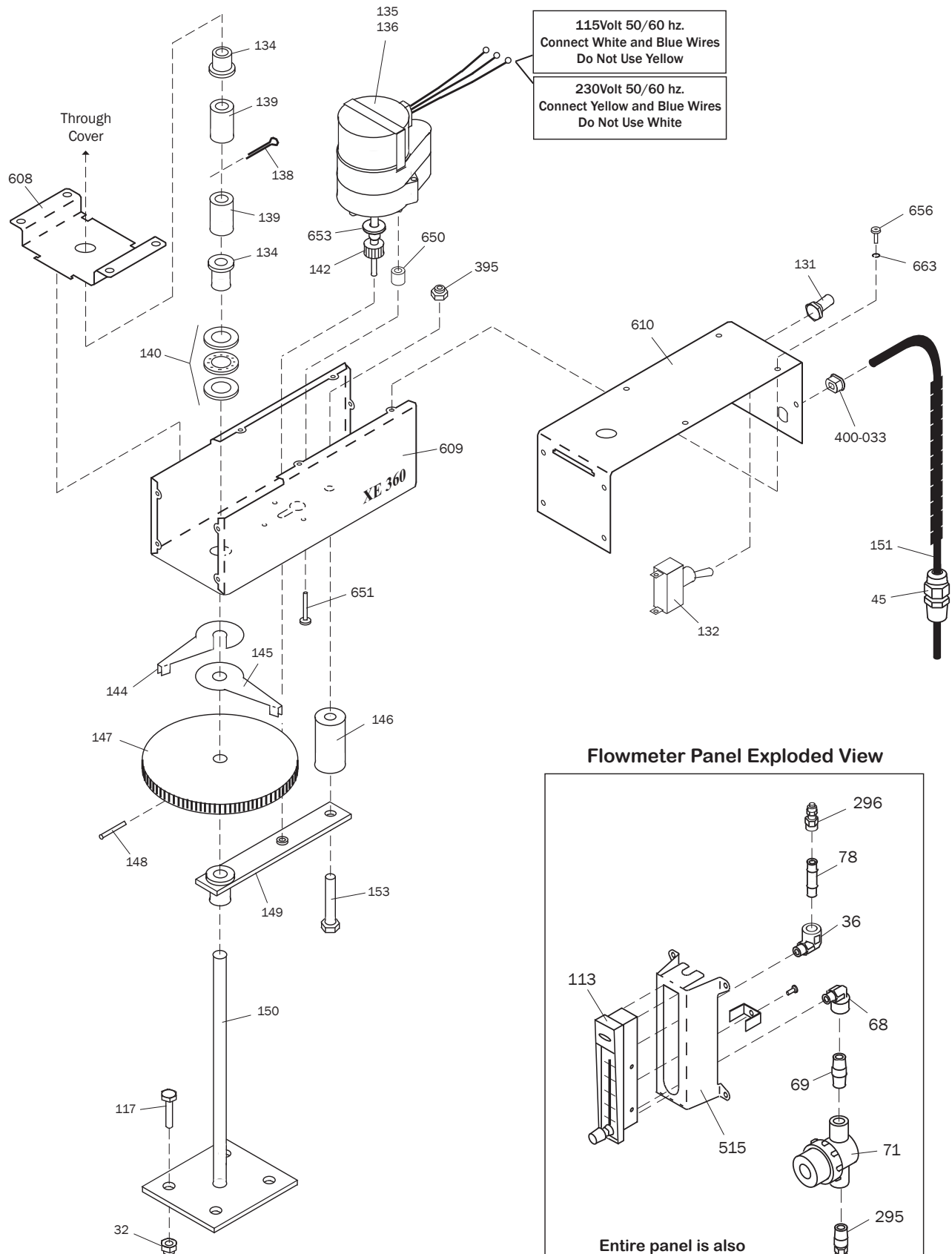
Un-thread fittings and clean both the male and female threads. Apply new thread tape (approximately 2-3 wraps) and reconnect. If a tube fitting is leaking, tighten the cap - no more than 1 turn past finger tightened. If the leak persists, replace the tube fitting insert.

# GT 500 EXPLODED VIEW

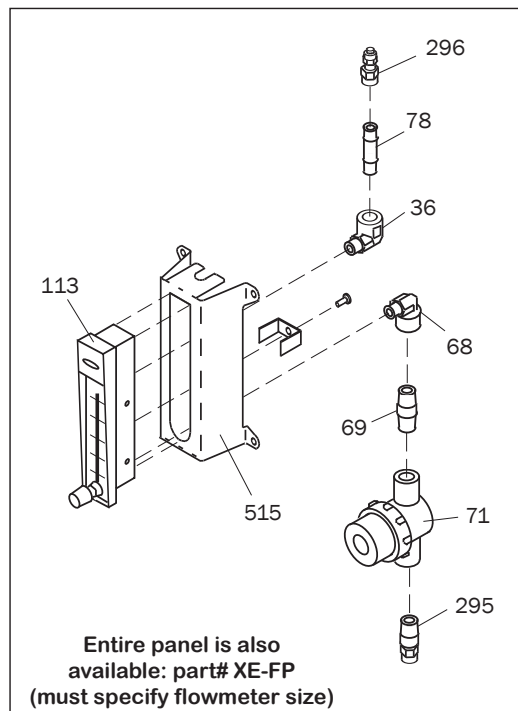




# OSCILLATOR EXPLODED VIEW



## Flowmeter Panel Exploded View



# PART IDENTIFICATION LIST

ID #	Description	Qty per Unit	ID #	Description	Qty per Unit
<b><u>GT 500 COMPONENTS</u></b>					
8	Drain fitting	1	522	10-32 x 1/4" button head screw	2
13-500	GT Wash down duty motor	1	523	#10 Lock washer	2
14	Pinned venturi assembly	1	531	Fan blade assembly	1
16	Rear guard	1	532	Feed tube assembly	1
20	1/4" Thick washer	10	510	Blade set screw	1
32	1/4-20 nylon stop nut SST	7	657	5/16-18 x 5/8" HH bolt SST	2
35	Valve washer	3	658	10-24 x 1" phillips truss MS SST	2
36	1/8" street elbow	1	660	Pivot, vinyl cap	2
42	10-24 nylon stop nut SST	6	W-2	Hose connector	1
43	Drain washer SST	1	W-14	1/4" Poly tubing	30'
44	Drain tubing	16'			
45	Liquid-tight connector	1			
49	10-24 x 1/2" phillips truss head SST	4	<b><u>OSCILLATOR COMPONENTS</u></b>		
54	1/4-20 x 3/8" button head cap screw	6	32	1/4-20 nylon stop nut SST	2
56	5/16-18 x 3/4" HH bolt SST	4	45	Liquid-tight connector	1
57	5/16" lock washer SST	5	117	1/4-20 x 5/8" HH bolt SST	2
58	5/16" flat washer SST	7	131	Toggle switch boot	1
68	1/4"F x 1/8"M reducing elbow	1	132	Toggle switch	1
69	1/4" x 1.5" nipple	1	134	3/8" bronze bearing	2
71	In line strainer	1	135	115 volt 50/60 Hz. motor	1
78	1/8" x 1.5" nipple	1	136	230 volt 50/60 Hz. motor	1
113	Flowmeter	1	138	3/32 x 3/4" cotter pin SST	1
114	Drain fitting nut	1	139	3/8" spacer	2
115	Drain gasket	1	140	Thrust bearing	1
116	5/16-18 finish nut	5	142	10 tooth brass gear	1
125	1/4-20 U-bolt SST	1	144	Upper gear stop	1
126	1/4" lockwasher SST	2	145	Lower gear stop	1
127	1/4-20 x 7/8" HH bolt SST	5	146	5/16" spacer	1
154	1/4-20 finish nut SST	2	147	96 tooth brass gear	1
295	1/4"M x 1/4" tube fitting	1	148	1/8 x 3/4" groove pin	1
296	1/8"F x 1/4" tube fitting	1	149	Bearing block assembly	1
395	5/16-18 nylon stop nut SST	3	150	Drive shaft	1
400	Foam drip sponge	1	151	Power cord	1
400-019	1/8"M x 1/8" tube	1	153	5/16-18 x 2" HH bolt SST	1
400-047	Reservoir plate screw	8	395	5/16-18 nylon stop nut SST	1
406	Nylon rivet	6	400-033	Cord grip	1
407	Rivet washer	6	608	Oscillator plate	1
428	10-24 x 1/2" Phillips RH SST	4	609	Oscillator housing	1
434	1/8"F x 1/4" tube elbow	1	610	Oscillator cover	1
481	1/2" Black hex plug	1	650	Nylon standoff	3
500	SST Hanger	1	651	Gear motor screw	3
502	Housing	1	653	Shaft bearing	1
506	Safety guard	1	656	Cover screw	10
507	115V Power cord	1	663	Cover lock washer	10
511	Blade tip set screw	3			
512	Reservoir O-Ring	1			
513	SST Reservoir plate	1			
514	Motor plate PLS	1			
515	SST panel	1			
518	5/16-18 x 2" HH bolt SST	1			
519	Feed tube support	1			
521	10-32 x 3/8" brass standoff	2			



# MAINTENANCE



## ⚠ WARNING

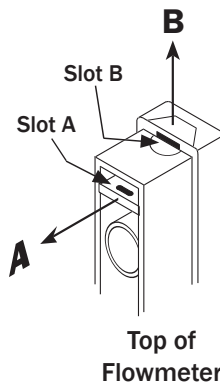
**DISCONNECT AND LOCK OUT POWER SOURCE  
BEFORE SERVICING**

### 1. Inspect Blade Assembly

Clean the the exterior of the blades about once a year or whenever a film of calcium or mineral deposits is visible. While cleaning, inspect for irregularities or hairline cracks and replace as necessary.

### 2. Cleaning Flowmeter

To expose the inside of the flowmeter, use a small screwdriver to remove the retaining key by using slot **A**. Next, pull the retainer cap straight up by using slot **B**. NOTE: After cap is removed, be careful not to lose the internal float ball when handling the flowmeter.



### 3. Main Motor

The main motor is a permanently lubricated motor, but occasionally applying some spray oil to external rusty areas of the motor's body can help extend the motor's life.

### 4. Clean Strainer

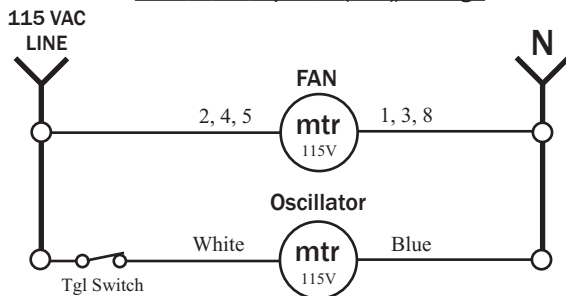
Periodically clean the inline strainer (Part #71) at the base of the flowmeter by removing cap and internal screen and flushing any sediment from screen.

### 5. Storage

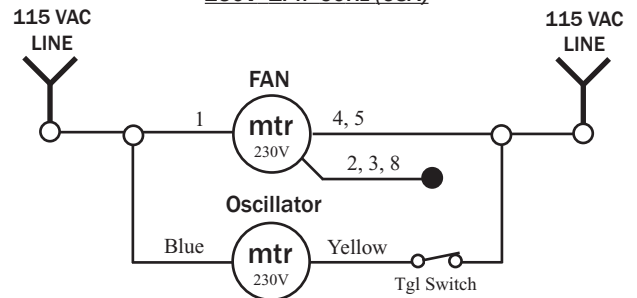
Protect your Aquafog from winter damage. Expansion due to freezing can burst fittings, solenoids and flowmeters. If storing unit in below freezing temperatures, be sure all fluid is drained from the unit. Damage due to freezing is not covered under warranty.

## ELECTRICAL SCHEMATICS

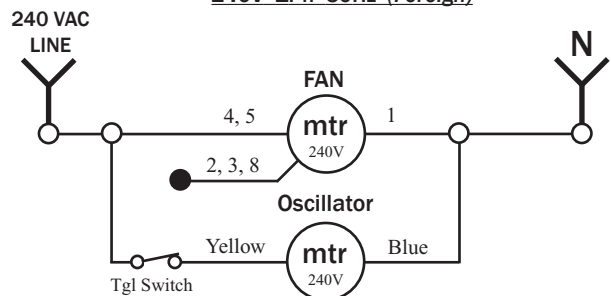
**115V 1Ph 60/50Hz (USA)/ Foreign**



**230V 1Ph 60Hz (USA)**



**240V 1Ph 50Hz (Foreign)**



#### Electrical Schematic Code Designation

- Denotes Line Connection
- Denotes Wire Nut Termination

Note: All green wires go to ground





## ONE YEAR LIMITED WARRANTY

Aquafog and accessories are warranted to the original purchaser against defects in material and workmanship under normal use for one full year from date of purchase. Any part determined to be defective and returned to the manufacturer, shipping cost prepaid, will be repaired or replaced at Jaybird Manufacturing, Inc.'s discretion without charge. Proof of purchase date and an explanation of the problem or complaint must accompany the returned portion of the machine.

Jaybird Manufacturing, Inc. reserves the right to verify the legitimacy of claimed defects. The provisions of this warranty do not apply to damage resulting from direct or indirect misuse, negligence, accident, lack of maintenance, or unauthorized repairs or alterations which affect the machine's performance or reliability.

**LIMITATIONS OF LIABILITY. TO THE EXTENT ALLOWABLE UNDER APPLICABLE LAW, JAYBIRD MANUFACTURING, INC.'S LIABILITY FOR DEATH, INJURIES TO PERSONS OR PROPERTY, OR FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES ARISING FROM THE USE OF OUR EQUIPMENT IS EXPRESSLY DISCLAIMED. JAYBIRD MANUFACTURING, INC.'S LIABILITY IN ALL EVENTS IS LIMITED TO, AND SHALL NOT EXCEED, THE PURCHASE PRICE PAID. NO OTHER WARRANTY, EXPRESSED OR IMPLIED, IS AUTHORIZED, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.**

*This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.*



**Jaybird Manufacturing, Inc.**

135 Summer Lane

Centre Hall, PA 16828

Parts & Service: 1.814.364.1800

Website: [www.jaybird-mfg.com](http://www.jaybird-mfg.com)