



**“The Cure for What Bugs You”**



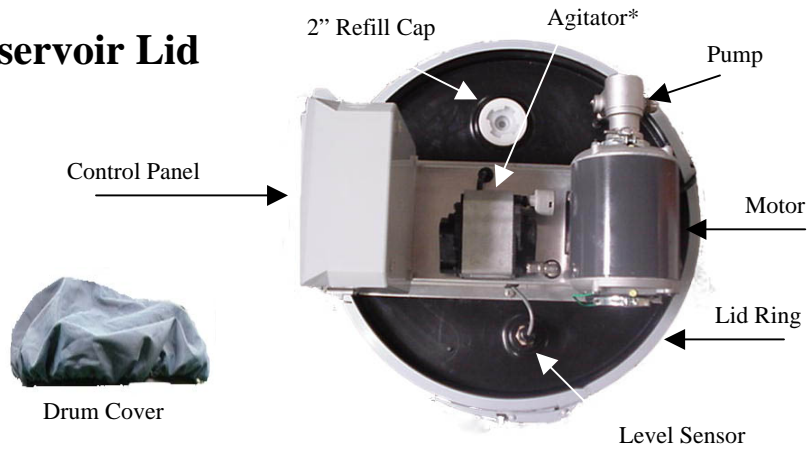
Manufactured by:

**MistAway™ Systems Inc.  
Houston, TX 77043**

**713-468-6464  
Toll Free 866-485-7255  
[www.mistaway.com](http://www.mistaway.com)**

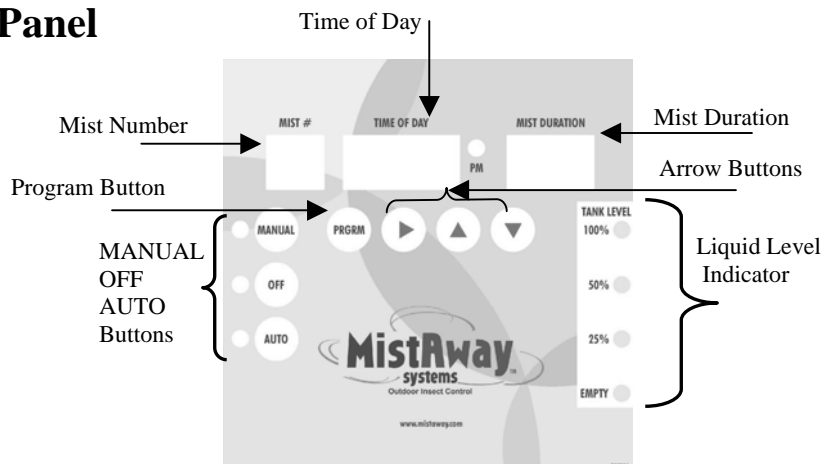
1. 2" Refill Cap
2. Agitator
3. Pump
4. Motor
5. Lid Ring
6. Level Sensor
7. Control Panel
8. Drum Cover

## Reservoir Lid



## Control Panel

1. Mist Number Indicator
2. Time of Day Display
3. Mist Duration Display
4. Programming Arrow Buttons
5. Liquid Level Indicator Lights
6. MANUAL, OFF and AUTO Buttons
7. Programming Button



## Options\*

Remote Control Transmitter



Rain Sensor



Wind & Rain Sensor



\* All Systems do not have these options

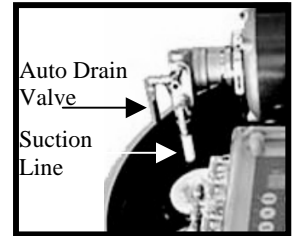
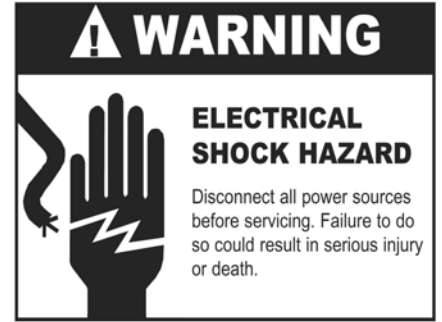
All options may not look exactly like these pictures.  
Call for technical support if you have any questions about your particular System.

## MISTAWAY™ SYSTEM INITIAL INSPECTION

### UNPLUGGED POWER CORD BEFORE RESERVOIR IS OPENED

To open reservoir, remove the Lid Ring. Carefully remove Reservoir Lid making sure it does not fall inside the Reservoir or cause the Level Sensor Probe to bend. Make sure Suction Line is securely pushed into the Pump and the Auto Drain Valve is securely pushed into the Male Run Swivel Tee. If System comes with optional Agitator, make sure Agitator line is securely pushed into the Agitator. Place Reservoir Lid on Reservoir and refasten Lid Ring.

Place Reservoir on level ground making sure it is near a dedicated 110v power source and water supply. **Using an extension cord is not recommended.** System can also be placed indoors such as garage, shed, barn etc. **System should have a Drum Cover on at all times to protect components. Plugging system into a GCFI outlet is recommended.**



## MISTAWAY™ SYSTEM NOZZLE PLACEMENT

For optimum performance, nozzles should encompass entire perimeter of area to be protected. Nozzles should be placed 10' - 15' apart depending on the area to be protected. Remember to always stay under 10' in height. This will help control undesired drift.

Nozzles can be installed on the eaves of home, along fence lines, on risers (2' – 6' apart) in flowerbeds, and on trees. Some plants and fish cannot tolerate certain insecticides. **Refer to insecticide labels for proper use.**

## MISTAWAY™ SYSTEM NOZZLE ATTACHMENT

Always use a tube cutter to ensure a straight cut.

To begin nozzle installation, insert one end of tube into 1/4" fitting located on the Pump. To secure tubing into all fittings, firmly insert tubing into fitting, by pushing it in all the way, then pull back to lock into place.

A Check Valve may be used to help maintain line pressure. Consult your authorized Dealer for proper placement of external Check Valves.

Place a 90° Nozzle or Plug at the end of all lines.

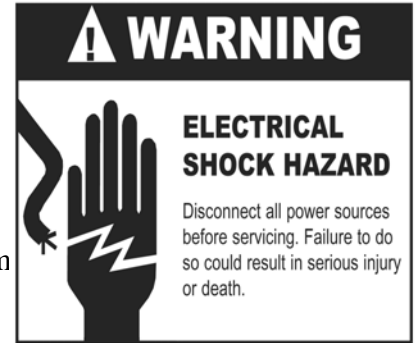
Contact a local hardware store for specific attachment fittings. Possible suggestions include 1/4" and 3/8" nylon clamps, masonry plugs and 1 1/4" stainless and outdoor wood screws. **Before drilling into any surface, contact surface manufacture to ensure proper sealant is applied. Take precautions to avoid drilling into electrical wires, water lines etc in walls.**

## **MISTAWAY™ SYSTEM PRESSURIZING AND TESTING**

### **UNPLUG POWER CORD AND SHUT CONTROL PANEL SECURLY**

Open white 2” Refill Cap located on Reservoir Lid. Insert funnel. Using water supply, fill Reservoir **HALF WAY**. Avoid getting water in the motor. **Make sure tip of water hose is at least 6” above top of reservoir.** Replace 2” Refill Cap. Plug power cord into 110V outlet. Pressurizing the System is necessary to purge the air out of the tubing and nozzles. To pressurize the System, open Control Panel lid, press and hold **MANUAL** button until System turns on. Release **MANUAL** button and allow System to run. As a safety feature, System will only run in the **MANUAL** mode for 5 minutes. If all air is not purged from the System, repeat this step. While in the **MANUAL** position, check for leaks at all connections.

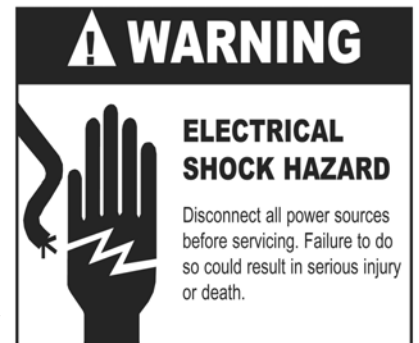
If any leaks are found, press the **OFF** button. Repair all leaks. After leaks have been repaired, plug System back in. Repeat pressurizing steps. Recheck for leaks. If no leaks are found, continue running MistAway System until all air is purged.



## **MISTAWAY™ SYSTEM FILLING AND REFILLING**

### **UNPLUG POWER CORD AND SHUT CONTROL PANEL SECURLY**

Open 2” Refill Cap located on Reservoir Lid. Insert funnel. Using water supply, fill Reservoir **HALF WAY**. Avoid getting water in the motor. **Make sure tip of water hose is at least 6” above top of reservoir.** Add insecticide according to instructions on its label. Use only **water-based insecticides** in the MistAway™ System. Consult authorized Dealer about products to use. Continue filling Reservoir with water until Level Indicator illuminates 100%. At 100%, remove water source. Do not overfill Reservoir.



The Level Indicator Lights will display the level of the liquid in the Reservoir. A solid light indicates liquid level is at the illuminated amount, 100%, 50% or 25%. A blinking light indicates the liquid level is between the level that is blinking and the lower level. As a safety precaution, the MistAway System™ will automatically shut itself off when the “Empty” light is illuminated. Running the pump dry may cause damage and will void your warranty.

If all four level lights are blinking at the same time, one of the levels is be stuck or malfunctioning. Open the reservoir lid and using an object such as a screwdriver, jiggle the four polypropylene floats. Use precautions and don’t allow the insecticide the come in contact with your skin. Or contact your authorized Dealer for repair.

- **It is violation of Federal Law to use insecticides in a manner inconsistent with their labeling.**
- **Always store and dispose of any insecticide container by the approved state and local procedures in your area. Contact your local Structural Pest Control Board with any questions regarding this matter.**
- **As with any insecticide always wear goggles, face shield or safety glasses.**
- **Thoroughly wash your hands and any contaminated clothing with soap and water.**

# MISTAWAY™ SYSTEM CONTROL PANEL & RC PROGRAMMING

The MistAway System comes preprogrammed with default settings for mist and agitation (if system has an optional agitator) cycles. The settings may be changed to accommodate individual needs. Refer to insecticide labeling or consult authorized Dealer for recommendations.

## Setting the Real Time Clock

1. Begin this function by pressing the **OFF** and **PRGRM** buttons simultaneously for two seconds. Both the **Mist #** and **Mist Duration** displays will be blank.



2. The **Time of Day** display indicates the actual time of day. The hour digits flash. Use the **UP** and **DOWN ARROW** buttons to increase or decrease the time. There is a PM indicator LED that will illuminate as the hours pass “12:00” (when in AM mode, the PM indicator LED does not illuminate).

3. Use the **RIGHT ARROW** button to navigate from hours to minutes. The minute digits flash. Use the **UP** and **DOWN ARROW** buttons to increase or decrease the time.

**NOTE:** Exit this mode by pressing the **PRGRM** button for two seconds or by not pressing any buttons for 60 seconds. The unit will return to **AUTO** (if it was in **AUTO** when **Program Mode** was entered) or **OFF** (if it was in any other mode than **AUTO**).

Remember to reset clock for Daylight Savings Time.

## Entering the Program Mode

To enter the **Program Mode**, press the **PRGRM** button for two seconds.



## Setting the Programmed Mist Cycles

1. Enter **Program Mode**.

2. The number 1 will flash in the **Mist #** window.

3. Press the **RIGHT ARROW** button and **Time of Day** window indicates the Mist Time of Day.

4. Use the **UP** and **DOWN ARROW** buttons to increase or decrease the time. There is a PM indicator LED that will illuminate as the hours pass “12:00” (when in AM mode, the PM indicator LED does not illuminate).

5. Use the **RIGHT ARROW** button to navigate from hours to minutes. The minute digits flash. Use the **UP** and **DOWN ARROW** buttons to increase or decrease the time.



**MIST INFORMATION**

SPRAY #	TIME OF DAY	SPRAY DURATION
□ □	□ □ □ □ ○ PM	□ □ □

**MIST #** is the Mist Cycle the unit is on.

**TIME OF DAY** is the time the unit will mist.

**MIST DURATION** is the length of time the unit mists.

6. Press the **RIGHT ARROW** button to access the **MIST DURATION**. Use the **UP** and **DOWN ARROW** buttons to set the desired length of the misting cycle, 15, 30 or 45 seconds.
7. Press the **RIGHT ARROW** button and the number 1 will again flash in the **Mist #** window.
8. Press the **UP** arrow and the number 2 will flash in the **Mist #** window.
9. Repeat the preceding steps, 3-7 to set additional mist cycles.

### Setting the Programmed Agitator Cycles

**Agitator Cycles** are preset to run for two minutes prior to every mist cycle. Up to four (4) additional **Agitator Cycles** can be programmed and are denoted with an **A** before the number (A1, A2, A3 and A4). **Agitator Cycles** have a preset run time of 2 minutes. As a safety feature, as long as the System is plugged in, **Agitator Cycles** will run regardless of the System being in the **ON** or **OFF** mode.

To program Agitation Cycles in addition to the cycles that automatically run before every mist:

1. Enter the **Program Mode** by pressing the **PRGRM** button for two seconds.
2. Press the **UP** or **DOWN ARROW** button to cycle through Mist cycles. Stop at first Agitator Cycle. A1 will be flashing in the **Mist #** window.
3. Press the **RIGHT ARROW** button to set the Agitator **Time of Day**
4. Press the **RIGHT ARROW** button again. **OFF** will be flashing in the Mist Duration window. Press the **UP** or **Down ARROW** button to turn the **Agitation Cycle** on.

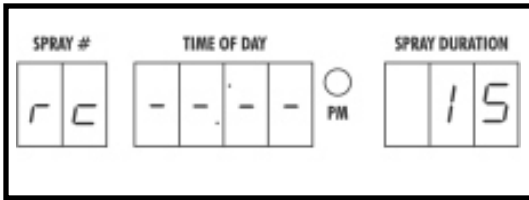
Pressing the **UP ARROW** button repeatedly will display additional Mist and Agitation cycles. If the next cycle has not been programmed, the **Time of Day** will display 12:00 and **Mist Duration** will be **OFF**.

### Setting the Remote Control Mist Duration

1. Enter the **Program Mode** by pressing the **PRGRM** button for two seconds.

SPRAY #	TIME OF DAY	SPRAY DURATION
A1	5:15 ○ PM	14

- Use the **UP** and **DOWN ARROW** buttons until the **Mist #** displays “**rc**” and the **Time of Day** displays “--:--”. **Time of Day** is “--:--” to indicate it is not a programmable parameter in this mode.
- Press the **RIGHT ARROW** button to access the **Mist Duration** for programming, 15, 30 or 45 seconds. This is the length of each misting cycle when the Remote Control **MIST** button is pressed.

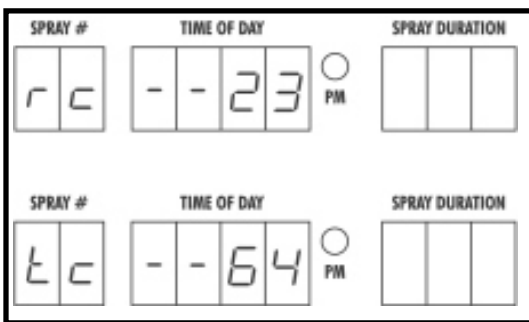


### Remote Control Counter & Total Cycle counter

These counters will display the amount of times the Remote Control was used as well as the Total number of misting cycles, including the Remote Control cycles.

Use the **UP** or **DOWN** arrow key to display the Remote Cycle Counter and the Total Cycle Counter. The Remote Cycle Counter will display “**rc**” in the **Mist #** window and the actual count in the **Time of Day** window.

The Total Cycle Counter will display “**tc**” in the **Mist #** window and the actual count in the **Time of Day** window.



### Resetting the Counters

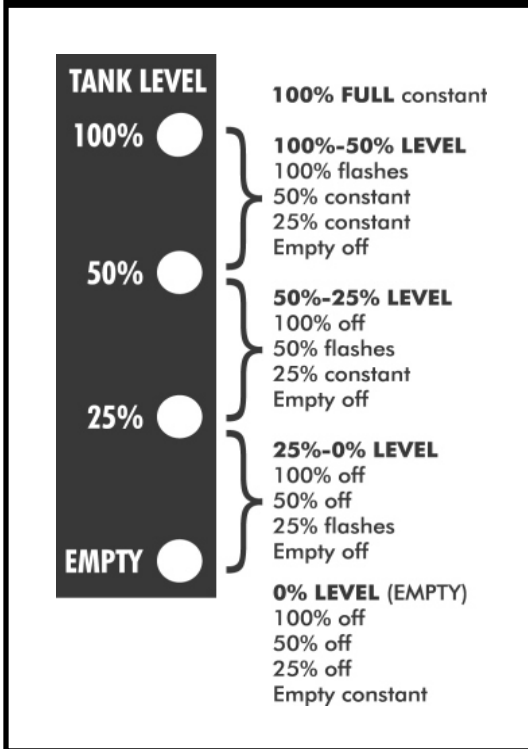
- To reset either of these counters, enter the **Program Mode** by pressing the **PRGRM** button for two seconds.
- Press the **UP** or **DOWN** arrow until you see “**rc**” or “**tc**” in the **Mist #** window. Press the **RIGHT** arrow button until the **Time of Day** number flashes. To clear count, press the **UP** and **DOWN** arrow buttons simultaneously.

### Some things to remember when you are programming the Control Panel:

- When a parameter is accessed in the **Program Mode**, it will flash.
- The **UP ARROW** button will increase a flashing value and the **DOWN ARROW** will decrease the flashing value.
- Pressing the **RIGHT ARROW** button saves any previous flashing value into memory.
- The last flashing value is saved when the **Program Mode** is exited.
- To exit the **Program Mode** press the **PRGRM** button for two seconds or do not press any buttons for 60 seconds.
- The unit will return to **AUTO** (if it was in **AUTO** when **Program Mode** was entered) or **OFF** (if it was in any other mode than **AUTO**).

## **DISPLAYS**

### **TANK LEVEL LEDs STATUS**



### **Reservoir Level Indicators**

Reservoir liquid level status is displayed via four front panel LEDs. As the liquid in the reservoir decreases, the floats transmit signals to the control panel. The LED level lights on the control panel show the level of liquid in the reservoir.

- A solid light indicates the liquid level is at the illuminated amount, 100% 50% or 25%.
- A blinking light indicates the liquid level is between the level that is blinking and the lower level.
- If all four lights are blinking see Troubleshooting Section.

As a safety precaution, the MistAway System will automatically shut itself off when the Empty light is illuminated. This will protect from running the pump dry.

### **Weather Sensor Display**

“**rAI**n” is displayed in the **Time of Day** window when any weather sensor is activated. The display will be shown only when operating in **AUTO MODE**. Refer to section on Weather Sensors for more information.

### **Battery Backup**

The MistAway System comes with a 10-year battery backup. If power is lost to the System for any reason, the timer will keep accurate time, as well as store mist cycles and counters, and not need to be reset. Remember to adjust your timer for Daylight Savings Time.



## **MODES**

### **MANUAL Mode**

**MANUAL MODE** is selected by pressing the **MANUAL** button for five seconds. In the **MANUAL MODE**, the pump is **ON**.

The System will run in the **MANUAL MODE** for 5 minutes. The **MANUAL MODE** WILL automatically switch to the previous mode after five minutes of operation.

**NOTE:** The total counter will register 5 mist cycles every time the manual button is pressed.

If an empty level is detected during **MANUAL MODE**, misting will stop and the mode will automatically be set to **OFF**.

**NOTE:** The tank is considered empty when the low level switch is activated. When the empty light is on, **MANUAL MODE** is not available. The pump will run in **MANUAL MODE** when the rain sensor is activated. In **MANUAL MODE**, automatic **Agitation Cycles** are disabled.

### **OFF Mode**

In the **OFF MODE**, the pump is always **OFF**. The System turns **OFF** immediately by pressing the **OFF** button on either the Control Panel or the Remote Control.

**NOTE:** Agitation Cycles operate in the **OFF MODE**.

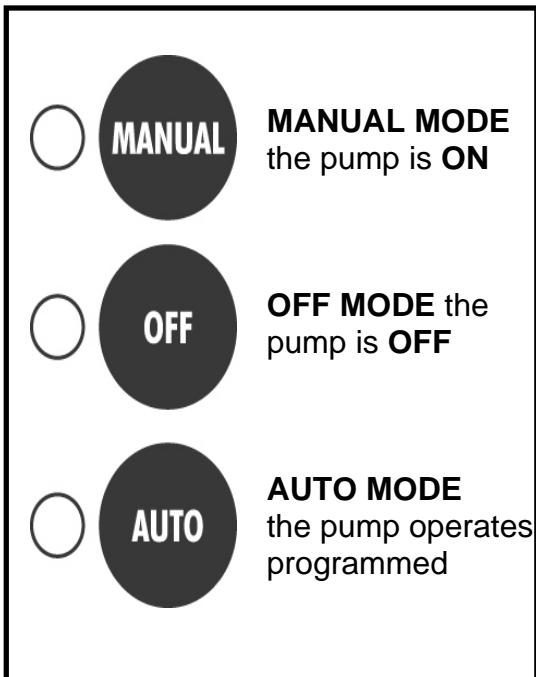
### **AUTO Mode**

The **AUTO MODE** is the standard operating mode. Pressing either the **AUTO** button on the Control Panel or the **ON** button on the Remote Control will access the **AUTO** mode.

During **AUTO MODE**, the **Time of Day** is displayed. Mist, Agitation, Remote Control Duration, Remote Control Counter and Total Counter can also be viewed by pressing the **UP** or **DOWN ARROW** buttons. These displays are viewed for 20 seconds or until any button (other than **UP** or **DOWN ARROW** buttons) is pressed. The display will return to showing the **Time of Day** and possibly any current **Mist Cycle** or status displays. The **Agitation Cycle** will pause during a **Mist Cycle**.

In the **AUTO MODE**, the pump will operate during a programmed **Mist Cycle** as long as:

- the tank is NOT empty
- it is NOT raining
- all the tank level indicator LEDs are not flashing



When a **Mist Cycle** is in progress in the **AUTO MODE**, **Mist #** will show the mist cycle number and **Mist Duration** will show the remaining mist time in seconds. The **Duration** counts down in one-second increments. The **Mist #** and **Mist Duration** digits are blank after the **Mist Cycle** has been completed.

When an **Agitation Cycle** is in progress in the **AUTO MODE**, the **Mist #** will show the agitation cycle number and the **Mist Duration** will show the remaining agitation time in minutes. The duration counts down in one-minute increments. When the remaining agitation time is less than one minute, the display will show the remaining time in seconds. The **Mist #** and **Mist Duration** digits are blank after the **Agitation Cycle** has been completed.

### **Remote Control Functions**

The Remote Control Receiver will come installed from the manufacturer on the back of the Human Interface Board, inside the Control Panel.

The Remote Control Transmitter has three buttons: **MIST**, **ON** and **OFF**.

Pressing the **MIST** button will activate a misting cycle even if the System is on the **OFF** mode. The System will mist for the length of time that is programmed for the Remote Control.

Pressing the **ON** button will activate the **AUTO** mode, but does not activate a misting cycle.

Pressing the **OFF** button will turn the System off. Pressing this button during any mist cycle will terminate the misting immediately. Remember to press the **ON** button to return the System back to the **AUTO** mode.

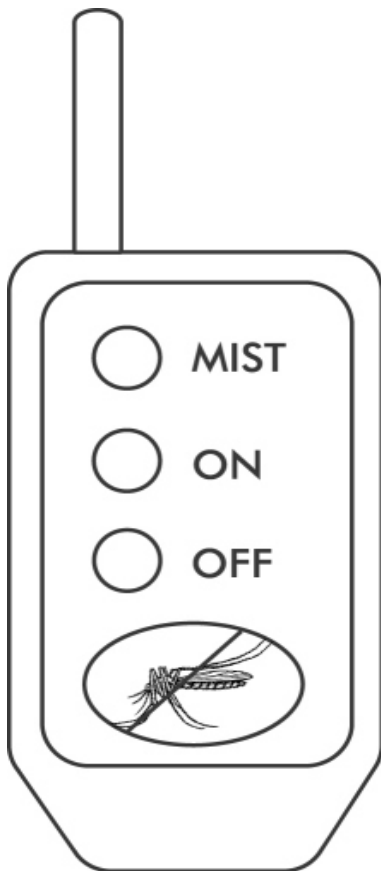
### **Programming the Remote Control**

Press and hold the **PRGRM** and **AUTO** buttons on the Control Panel for 2 seconds. “**rP**” will appear in the **Mist #** window. Press any button on the remote to activate the transmitter.

In the event of signal crossover, Dipswitches are accessible through the back of the remote transmitter. When configuration of the dipswitches is changed, transmitter must be reprogrammed.

Dipswitch configuration must be the same on all transmitters if multiple transmitters are used on one System.

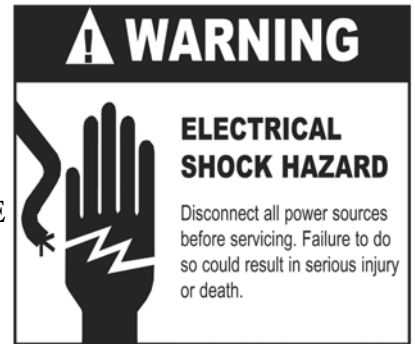
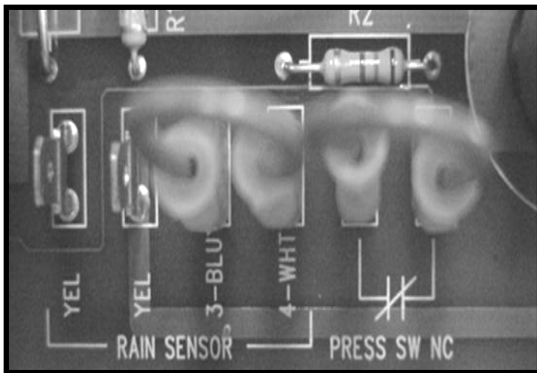
The Remote Control can work up to 300’ from the System depending on obstructions between remote and System.



## WEATHER SENSOR OPTIONS

### UNPLUG POWER CORD BEFORE REMOVING OR ATTACHING JUMPERS

A jumper wire will be factory installed across the terminal blocks labeled BLUE and WHITE on the Power Control Board inside the Control Panel if no weather sensor options are used. Do not remove the jumper wire if a weather sensor is not being used.



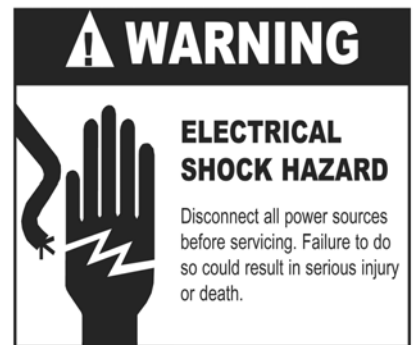
- Because it is wireless, the Rain Sensor transmitter should be placed as close to Reservoir as possible making sure it is in an open area free of overhanging obstacles. Place in an area that is accessible to both rain and direct sunlight. Do not place Rain Sensor Transmitter more than 300 feet from Reservoir. Two examples of Rain Sensor Transmitter placement include fence and gutter. Be sure to secure Rain Sensor tightly and in an upright position.
- Rain Sensor Receiver is equipped with a low battery light. The light is located under the Control Panel. When it illuminates, the battery must be replaced in the Rain Sensor's Transmitter. Use two 3V batteries for replacement.
- Wind, Rain & Wind, and Rain, Wind & Freeze sensors are not wireless. These transmitters should be placed in an area that is accessible to rain, direct sunlight and wind.
- A jumper must be wired across the PRESS SW NC input terminals at all times.

## MISTAWAY™ SYSTEM MAINTENANCE

### UNPLUGGED POWER CORD BEFORE RESERVOIR IS OPENED

The MistAway System requires preventative maintenance to keep it running in optimal condition and under warranty. During System Maintenance, look for nozzles that are clogged and tubing that may have gotten punctured or cut. Always use fresh water when performing System Maintenance.

1. **Unplug the System.**
2. Completely fill a clean 10-gallon reservoir with water. **When filling any reservoir that has come in contact with pyrethrum, the tip of the hose must be at least 3" above the opening of the reservoir.**
3. Remove the System lid.



4. Disconnect the auto drain valve from the male run swivel tee and the suction line from the pump.
  - Check and clean the suction filter. It can become clogged over time.
  - The suction filter should be cleaned every other fill. By keeping the filter free of debris, the flow rate of the pump will stay consistent.
  - Using a water hose, spray the filter until it is clear of any debris. Place it to the side.
5. Replace the reservoir lid. Insert the 3/8" X 1/2" reducer plug into the male connector of the inlet port of the pump. Insert the 3/8" X 3/8" plug in elbow that is attached to the 5' piece of nylon tubing into the reducer plug. Attach the suction strainer with a 3/8" X 1/2" male swivel elbow to the other end of the 5' piece of nylon tubing. Insert the 1/4" plastic plug into the male run swivel tee where the auto drain valve was.
6. Place the suction filter into the 10-gallon reservoir.
7. Plug the System back in.
8. Press the **MANUAL** button on the Control Panel to purge the System.

**NOTE:** The System will run in the **MANUAL** mode for 5 minutes at a time. Never allow the pump to run dry. Check the 10-gallon reservoir often to ensure the nylon tubing is under the water level and the reservoir is full.

9. Walk the entire System to make sure all the nozzles are misting properly and the tubing is not cut or punctured.
  - To clean the nozzle tip, first remove the nozzle tip from the adaptor. A nozzle changer can be used for the straight adaptors, and wrenches will be needed for 45-degree adaptors.
  - After the nozzle tip is removed, use a flathead screwdriver to remove the internal check valve from the tip (be careful not to loose any of the pieces).
  - Using a small scrub brush, and a product recommended for calcium buildup, such as CLR, clean the inside of the tip.
  - Once the nozzle tip is clean, replace the internal check valve in the nozzle tip and reattach the tip to the adaptor.
  - To repair punctured tubing, either replace the length of tubing from fitting to fitting or make a fresh cut on both sides of the puncture and insert a union fitting.
10. Once the System has been repaired, remove the 3/8" nylon tube, the 3/8" X 1/2" reducer plug and the plastic plug.
11. Remove the reservoir lid and reattach the original suction line to the pump and the auto drain valve to the male run swivel tee.
12. Run the System to purge the air out of the tubing and ensure all leaks have been properly repaired, by pressing the **MANUAL** button on the Control Panel.

Remember neither a clogged suction filter, clogged nozzles, nor punctured tubing is covered under the manufacturer's warranty.

# MISTAWAY™ SYSTEM WINTERIZING AND DE-WINTERIZING

## Winterizing

### UNPLUGGED POWER CORD BEFORE RESERVOIR IS OPENED

Winterizing the System is necessary in geographical areas that experience hard freezes. If damage to System or nozzles occurs because liquid was allowed to freeze, all warranties will be voided.

1. **First unplug the System.**
2. Remove the reservoir lid and disconnect the suction line from the pump and the auto drain valve from the male run swivel tee. Store these in a dry area such as garage or shed over the winter.
3. Replace the reservoir lid. Insert the 3/8" X 1/2" reducer plug into the male connector on the inlet port of the pump. Insert the 3/8" X 3/8" plug in elbow that is attached to the 5' piece of 3/8" nylon tubing into the reducer plug. Insert the 1/4" plastic plug into the male run swivel tee where the auto drain valve was. These can both be attached while the lid is attached to the reservoir.
4. Place the nylon tube into a 2-gallon container of either environmentally safe windshield washer fluid or potable antifreeze. It is important that the solution is clean and free from any debris. Because there is no filter, any debris in the container will clog the nozzles.
5. Plug the System back in.
6. On the Control Panel, press the **MANUAL** button and run the winterizing solution through the System. Be sure to keep the suction line in the solution at all times.
7. As soon as the suction gets close to drawing air, press the **OFF** button. Do not run the pump dry.
8. Remove the nylon tube and the plastic plug. Remove the 3/8" X 1/2" reducer plug.
9. Cover the reservoir lid with the drum cover and unplug the System for the winter.

Liquid in the 55 or 125-gallon reservoir can be left in during the winter months. It is okay if it freezes. To discard the liquid in the reservoir, follow the instructions on the insecticide's label. Do not dump the reservoir in the yard or nearby drain.

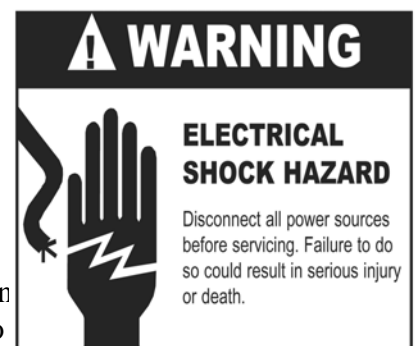
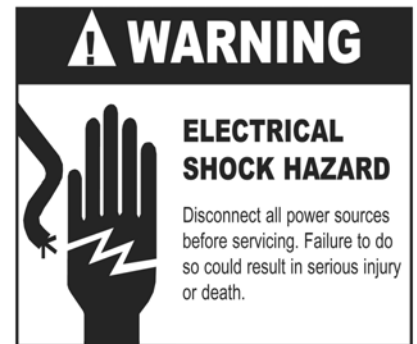
## De-Winterizing

### UNPLUGGED POWER CORD BEFORE RESERVOIR IS OPENED

De-Winterizing the System is necessary after it has been winterized.

Follow the procedures for System Maintenance. **Be sure to inspect wires and reservoir cover for cracks and exposed wires.**

If pyrethrum was left in the reservoir over the winter months, agitate the solution agitator option. If the System does not have an agitator, the solution will need to broom or rake handle, free of debris (dirt, mud or grass) can be used.



## **TROUBLESHOOTING**

### **1. System will not power up.**

- a. Make sure it is plugged in.
- b. If it is plugged in, unplug it, open the control panel, and make sure the power cord is properly connected.
- c. Inside the control panel, make sure the gray ribbon cord is pushed in all the way.
- d. Make sure the system is not on a circuit that has been tripped.

### **2. All the lights on the tank level indicator blink, or won't come on.**

- a. Open the reservoir lid and using an object such as a screwdriver, jiggle the four polypropylene floats. Use precautions and don't allow the insecticide to come in contact with your skin.
- b. Make sure the weatherproof quick disconnect under the chassis is securely connected.
- c. Make sure that the molex connector is connected properly to the Human Interface Board located on back of the dead front panel.

### **3. System will not mist.**

- a. Make sure system is plugged in and lights on the control panel are lit.
- b. Make sure there is enough fluid in the tank.
- c. Check to see if one of the weather sensors has been tripped. "rAIIn" will be displayed in the Time of Day window if a weather sensor has been activated.
- d. Check to see if suction line is pushed all the way into the pump intake. (The intake port is identified by an inward facing arrow stamped on the pump.)
- e. Checks to see if RAIN SENSOR leads on the Power Control Board inside the Control Panel are connected properly.

### **4. Nozzles either sputter or will not mist.**

- a. Remove nozzle tip and clean the filter.
- b. Check to see if there is anything clogging the orifice.
- c. Tighten the nozzle tip.
- d. Check to see if the suction line is pushed all the way into pump intake. (The intake port is identified by an inward facing arrow stamped on the pump.)
- e. Make sure tubing doesn't have any cuts or punctures.
- f. Make sure all tubing is pushed securely into fittings.
- g. Do not use excessive amounts of tubing. (There should be no more than 1200 ft of combined 1/4" tubing on one system.)
- h. Do not use excessive amounts of nozzles. (There should be no more than 80 nozzles on one system.)

### **5. Pump won't draw or doesn't pump.**

- a. Check to see if suction line is pushed all the way into pump intake. (The intake port is identified by an inward facing arrow stamped on the pump.)
- b. Check to see if pump is securely fastened to the motor.
- c. Check and tighten pump clamp.

**6. Motor is extremely hot**

- a. Remove extension cord if you are using one. Manufacturer does not recommend the use of an extension cord.
- b. Check to make sure you do not have too many items plugged into the same circuit as the System. The motor draws 7.8 amps at full load, so if there are several items (such as freezer, washer, dryer or refrigerator) on this circuit, it may cause an overload.
- c. Continually running the motor will cause motor to heat up. However there is an auto thermal protector to stop motor from over heating.

**7. Remote will not work.**

- a. Make sure that the transmitter is programmed to the receiver.
- b. Make sure that transmitter has fresh batteries. (Weak batteries will decrease the distance and battery life each time the remote buttons are used.)

**8. How do I adjust the pressure of the pump?**

- a. Install a pressure tester just beyond the outlet port of the pump. With water in the reservoir, push the “Manual” button and read pressure on the gauge. Use a flathead screwdriver to adjust the screw inside the acorn nut of the pump.
- b. Turning clockwise will increase the pressure and counter clockwise will decrease the pressure. Remember **never set pressure over 250 PSI**.

**9. “rAIIn” displayed in the Time of Day window of Control Panel.**

- a. One of the weather sensor options has been activated.
- b. The jumper wire in the control panel labeled RAIN SENSOR isn’t properly connected. (The jumper wire is only used if the system doesn’t have a weather sensor.)
- c. Power must be turned off and the jumper wire must be fixed or replaced.

**MISTAWAY™ SYSTEM INC.**  
**WARRANTY & LIMITATION OF REMEDY AND LIABILITY**

The manufacturer warrants the Control Panel, Motor and Pump to be free from manufacturing defects for a period of 2 years from the date of installation.

Nozzles have a manufacturer's limited 1-year warranty. Clogged nozzles are not covered under warranty. Nozzles tip assemblies can be professionally cleaned annually to help prevent clogging.

This warranty applies solely to equipment manufactured by MistAway™ Systems Inc. and is lieu of all other warranties, expressed or implied. No person, agent, Dealer, or distributor is authorized or empowered to give any other warranty or to assume any other liability on behalf of the manufacturer.

Photo toxicity (plant burn) may occasionally occur with sensitive plants as well as possible discoloration on some types of siding. Manufacturer is not responsible for any plant damage or chemical reaction with siding.

This warranty is limited to the original purchaser of the equipment.

Manufacturer reserved the right to inspect the equipment prior to any decision involving warranty claim.

Manufacturer may repair the item, provide a serviceable replacement unit, or refund the purchase price at its sole option. In no case shall manufacturer grant a remedy that either exceeds the Dealer's purchase price of the product or the cost to the manufacturer of the component or part. These are the only remedies available to the Buyer under this warranty.

Manufacturer also reserves the right to make warranted repairs or replacements either at the site or at the manufacture's factory. If repair at manufacturer's factory is the decision, the Buyer is responsible for shipping the item to the factory at its expense.

All claims for failure to conform to specifications or defect in material or workmanship under this warranty must be made promptly after discovery and, in a any event, must be received by manufacturer not more than 2 years after delivery of the item. Defective items must be held for inspection by manufacturer or its authorized distributor and, if requested, returned to manufacturer, transportation prepaid by the Buyer.

The Buyer is responsible for performing regular maintenance services as specified in the operator's manual applicable to the equipment. Failure to do so shall void this warranty. Furthermore, if servicing of the MistAway™ System is not maintained by an authorized MistAway™ Dealer and any problems arise due to the customer utilizing an insecticide not expressly recommended for the MistAway™ System or using a company other than an authorized Dealer to service the unit, the warranty will be voided.

Manufacturer's obligation under the warranty shall not apply to:

- Any equipment, which has been damaged by negligence, misuse, abuse, neglect and/or improper adjustment, accident, vandalism, acts of God, acts of war, whether declared or undeclared, improper application, modification with parts not manufactured or approved by manufacturer, or any other contingency beyond the control of manufacturer.
- Damage in transit



- Any equipment that has been repaired or altered without authorization from manufacturer or in a manner inconsistent with such authorization.
- Any equipment that has not been maintained in accordance with the operator's manual.
- Normal wear on any item or piece of equipment.
- Lost items.
- Loss of operating time to Buyer while the equipment is out of operation.

Equipment items or components not manufactured by MistAway™ Systems Inc. are only warranted insofar as warranted by the manufacturer of such parts.

Manufacturer reserves the right to make design changes without incurring any obligation to make such changes to previously manufactured equipment.

The foregoing is the Seller's only obligation and Buyer's exclusive remedy for breach of warranty. Buyer's failure to submit a claim as provided above shall specifically waive all claims for damages or other relief, including but not limited to claims based on latent defects. In no other event shall Buyer be entitled to special, direct, indirect, incidental, exemplary or consequential damages, expenses, injury, lost profits, lost savings, business interruption, loss of business information, or any other pecuniary loss arising out of the use of or inability to use the equipment. In any case, manufacturer's entire liability shall be limited to the amount Buyer actually paid for the item.

Except as modified in writing signed by both parties, this warranty is and shall remain the complete and exclusive agreement between the parties with respect to warranties, superseding all prior agreements, oral or written, and all other communications between the parties relating to the subject matter of this agreement.

**Cut at line and mail in bottom section or register online**  
**[www.mistaway.com](http://www.mistaway.com)**

**WARRANTY CARD**

I have read and agree with the above warranty information. (Please print)

NAME \_\_\_\_\_ DATE \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

PHONE \_\_\_\_\_ EMAIL \_\_\_\_\_

SYSTEM INSTALLED BY \_\_\_\_\_

SERIAL NUMBER \_\_\_\_\_

**(Located inside enclosure box)**

Mail to: MistAway / 2121 Brittmoore #5200 / Houston, TX 77043  
 Or Register on Line at [www.mistaway.com](http://www.mistaway.com)