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# **MINI FOGGER™**

## **Operating Instructions**

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**P/N 100081 (120 VAC w/DMX)**

**P/N 100084 (230 VAC w/DMX)**

**Thank you for purchasing this MINI FOGGER™**

- **As you will notice from the table of contents, the manual for your new product is quite extensive.**
- **To guarantee perfect and successful work with this machine, please take some time to read the manual carefully.**
- **And finally, we believe you will enjoy years of great fog effects if you care for and maintain your MINI FOGGER™.**

**CITC**

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**[www.citcfx.com](http://www.citcfx.com)**

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## **1. Set of Equipment Supplied**

- **1 Mini Fogger™ w/DMX (w/5-pin XLR in/out)**
- **1 Remote Controller**
- **1 Bracket for hanging**
- **Instruction booklet**

## **2. Accessories**

- **CITC Fogging Fluid**  
**P/N 150450 Long-Lasting Fog Fluid**  
**P/N 150410 Regular Fog Fluid**
- **C-Clamp w/Safety Cable (P/N 250110)**

**Please check whether all the products you ordered are supplied.**

### 3. Description of the Mini Fogger™

At a full 600 watts, there's nothing "mini" about the output of this economical machine, except the price. As you can see, the output rivals some machines twice its size. Party perfect, it includes an on/off remote. It outputs 5000 cfm of fog for one minute, then after reheating 2 minutes is ready for another one-minute output cycle. Uses water-based CITC fogging fluid, regular or long-lasting. The extra dry fog leaves no mess and no residue.

### 4. Safety instructions

**WARNING: Read and understand all labels and operating instructions before attempting installation.**

- Never open the machine without disconnecting power lead first!  
**Risk of electrical shock-** This device is supplied with a grounding conductor. To reduce risk of electrical shock, connect only to properly grounded, grounding type receptacles. Never remove the third prong from the plug.
- This machine requires a 120VAC circuit for operation. The Mini Fogger™ draws approximately 6 amps at 120 VAC (3 amps at 230VAC). If you have any doubts about the capacity or grounding of your existing circuits, consult a qualified electrician.
- Be sure area around fogger is dry before applying electrical power.
- Make sure that your unit is pointed in a direction that leaves a 10ft (3m) open area out in front. Place the front of the machine away from direct contact with electrical instruments and people. Close output is very hot and wet. Use with adult supervision only. This is not a toy.
- Always make sure there is plenty of fluid in the reservoir. Running the machine dry could cause the pump to overheat and damage the piston. Operating the pump without fluid is not covered under warranty.
- Fluid is very slippery when spilled. Care in keeping any drips or spills cleaned up is necessary.
- Do not store Mini Fogger™ in freezing conditions.

### 5. Operating the MINI FOGGER™

#### 5.1 Selecting the Location

Secure a good location for the machine to rest solidly on the floor or suspended so that the output of the machine will not be restricted. Make sure that your unit is pointed in a direction that leaves an open area out in front and can travel 10ft (3m) without restriction. Place the front of the machine away from direct contact with electrical instruments and people. Close output is very hot and wet. Always allow plenty of air circulation to allow the fog to expand, separate and enlarge.

## **5.2 Electrical Power Requirements**

The Mini Fogger™ draws approximately 6 amps at 120 VAC and 3 amps at 230VAC. If you have any doubts about the capacity or grounding of your existing circuits, consult a qualified electrician. Do not add other equipment on this circuit.

## **5.3 Hooking things up**

Insert remote control into rear of machine and plug the cord into grounded outlet only. This starts the machine warming up and the remote light comes on. Fill the reservoir with CITC's Natural Fogging Fluid in Long-Lasting or Regular. Close cap tight, but not too tight.

## **5.4 Operating the machine**

1. Check to see that the red light on the remote is on. Wait approximately 7 - 10 minutes for heater to warm up.
2. Always make sure there is plenty of fluid. Do not run the unit if dry. This can cause damage to the pump and heater core.
3. When the indicator light goes off, the machine is ready to create fog.
4. Hot fog comes out quickly when you press the button. Hold it down to continue fogging. As long as you press the button, the unit will create fog until it becomes too cool (after about one minute).
5. When the unit starts to warm up again the red light comes on. This warm up is necessary and will be normal. As soon as the red light goes off you are ready to fog again. Note that the red light will cycle on and off all the time, even if you are not fogging.

## **5.5 Shut down**

When finished with the machine, clean the tube and pump by operating the unit while running a pint of 5% vinegar/distilled water mix through the pump and then rinse with a pint of distilled water. Just keep the button depressed until all evidence of fog fluid is gone, and the machine shuts down its cooling cycle. This will keep the piston in the pump from becoming stuck and not working. When finished, water should remain in the line for storage. Do not drain or empty the tube of water.

## **5.6 Troubleshooting**

### **1. If the pump does not draw fluid**

If the pump does not draw fluid into the fogging unit, be sure there is fluid in the reservoir. Then check to see that the unit is warm and ready to operate. Check electrical power to the machine. Check to hear any sound coming from the. A slight vibrating sound should be heard if the pump is pumping fluid. A loud knocking sound will be heard if only air is in the line and fluid has not come in yet.

**Note: do not run the pump without fluid passing through the tube. This will cause the pump to become hot and could damage the piston. This is not covered under warranty.**

## **2. If Warm-up Light Does Not Go Off**

If you are not a factory-authorized dealer, this is the only owner-permitted troubleshooting step that will not void the warranty. If the red light does not go off after warm-up, this may possibly indicate the unit has overheated. This may happen if there is not enough air circulation or if it is in a closed area. The machine needs to be air cooled if this occurs. If the red light will not come on, this indicates the heat safety breaker has released. It will not reset until the unit has cooled to 169°. Then when you reset, it will be ready to use again. The reset button is located below the hole on the top of the unit. It is possible to reset by first disconnecting all power. Take the enclosed tool and push down gently through the hole in the grommet to reset the safety switch. Plug in the unit and warm it up again. The red light should go off after 7 - 10 minutes. Call your dealer if this does not solve the problem.

## **6. Service and Maintenance**

**Care of your Mini Fogger™ will give you years of service. Note: cleaning your unit is going to pay off in constant good performance.**

1. Dry all areas on the exterior of the machine once it is cool. Clean with a soft cloth to remove any fog fluid from inside the fluid compartment or outside area.
2. Do not store with fog fluid inside. When finished with the machine, clean the tube and pump by operating the unit while running a pint of 5% vinegar/distilled water mix through the pump and then rinse with a pint of distilled water. This will keep the piston in the pump from becoming stuck and not working. When finished, water should remain in the line for storage. Do not drain or empty the tube of water.
3. Do not transport or ship with fog fluid inside the machine.

## 7. Technical Data

Mini Fogger™ Technical Data 120VAC P/N 100081, 230VAC P/N 100084	
Type of Fog	Water-based fog
Weight	10 lbs / 4.5 kg
Dimensions	15" x 12" x 12" (38 cm x 30 cm x 30 cm)
Shipping Weight	11 lbs. (5 kg)
Shipping Box Size	18" x 13" x 13" (46 cm x 33 cm x 33 cm)
Fogging Fluid	CITC Natural Fogging Fluid™ Regular P/N 150410 or Long- lasting P/N 150450
Fluid Capacity	26 oz (0.77 liter)
Warm Up Time	7-10 minute initial, 2 min. intermittent
Fog Output	5000 cfm for one minute, reheat 2 mins., then another one-minute cycle
Heating unit	600 W
Electrical Supply	120 VAC, 6 A, 60 Hz 230 VAC, 3 A, 50 Hz
Fuse	7 amp – 250v
Approvals	UL, TRUB/GS, CE, product safety standard "EN-60335"
Limited Warranty	90 days

Rev: 1/16/04

## 8. Limited Warranty Conditions

This limited warranty guarantees to the original purchaser that this product shall be free of defects in material and workmanship, under normal use, for a period of one year from the date of purchase shown on the sales receipt. This warranty covers parts and labor providing the product is returned to CITC in the original shipping carton and packaging. The warranty for electrical is a (90) NINETY DAY limited warranty.

Damage resulting from shipping, accidents, misuse, negligence, unauthorized repairs or modification is not covered by this warranty. Using any fluid other than what is recommended for this machine will void warranty. No liability is accepted for injury or for loss, damage or expense resulting from any interruption whatsoever in the operation of the product or from any consequential loss arising there from. No liability is accepted for normal wear and tear.

We wish to satisfy YOU, our customer, and have implemented many measures to prevent problems and assure customer satisfaction. However, should you need a missing part or have a functional problem with your product, please call (888) 786-CITC from 7:30 am – 4:00 pm (Pacific Time) Monday – Friday, except for holidays. Our customer service department will respond to your problems immediately.

Please have the following information available when you call:

Model and Serial Number

Where and when the product was purchased

Nature of the problem

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Subject to the following conditions, CITC will repair any defect or fault in the unit if it is caused by a proven factory defect within one year of delivery to the end user.

Insignificant deviations of the regular product quality does not guarantee replacement rights, nor do faults or defects caused by water, by generally abnormal environment conditions or Force Majeure:

1. Faulty parts will be repaired or replaced (manufacturer's choice) with correct parts. Faulty units must be shipped to CITC at customer's expense. An RMA# must come with the unit.
2. The customer loses all rights for limited warranty services, if any repairs or adjustments are done to the units by unauthorized persons and/or if spare parts are used, which are not approved by CITC. The right of limited warranty service is also lost if a fluid other than appropriate CITC fluid has been used or if units are sent to in with full fluid bottles.
3. Freight costs to and from CITC when under the limited warranty services are the responsibility of the customer. Customer must place appropriate insurance on return of product. However, if product is returned due to factory defect within the first 30 days of receipt, CITC will cover the cost of returning the repaired unit to the customer.

4. Limited warranty services do not cause an extension of the limited warranty time or the start of a new limited warranty time. The warranty of replaced parts ends with the limited warranty time of the whole unit.
5. If a defect/fault can not be repaired by us in a satisfactory time, we will, within 30 days after sale of the unit, either:  
  
Replace the whole unit for free or take back the whole unit and refund the purchase price.
6. Further claims, especially for damages, losses etc. outside the unit are excluded.
7. Your limited warranty coverage is based on completion of the warranty card and returning it with your proof of purchase within 30 days of purchase.

**Your limited warranty coverage is based on completion of the warranty card and returning it with your proof of purchase within 30 days of purchase. If you should send the unit for service, do not forget to remove any liquid from the fluid bottle, and place unit in original box. Obtain your RMA# by calling CITC. Payment arrangements for repair must be made before receiving RMA # in case unit is not covered under Limited Warranty.**

**Send unit to:**

**CITC  
RMA # XXXXXXX  
2100 196<sup>th</sup> Street SW Suite #138  
Lynnwood, WA 98036  
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September 19, 2005