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# **HURRICANE II™ FLOOR MODEL FAN**

## **Operating Instructions**

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**P/N 100157 (120V)**

**P/N 100158 (230V)**

**Thank you for purchasing this Hurricane II™ Floor Model Fan.**

- o As you will notice from the table of contents, the manual for your new fan is quite extensive.**
- o To guarantee perfect and successful work with this machine, please take some time to read the manual carefully.**
- o And finally, we believe you will enjoy many years of dependable, trouble-free service if you properly install and maintain this powerful piece of machinery called the Hurricane II™ Floor Model Fan.**

**CITC**

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## 1. Set of Equipment Supplied

- 1 Hurricane II Floor Model™
- Operating Instructions Booklet

## 2. Accessories and Parts

- DMX FX-15 Switchpack for on/off control only (P/N 250051)
- Road Case (P/N 250150)

## 3. Description of the Hurricane II™ Floor Model Fan

- o Blow fog, haze, snow, wind, etc. to 150' (45.7m). Three speeds: three seconds to top speed. Blow massive volumes of air without motor hum. Continuous output without overheating. Lightweight, portable and economical. The Hurricane II™ Floor Model Fan is a full hp and can blow to 150' (45.7m).
- o The Hurricane II Fan™ can be on/off controlled with optional DMX FX-15 Switchpack control.
- o Portable and compact, capable of much more than fans four times its size, the Hurricane II™ Floor Model Fan weighs just 38 lbs (17.2kg).

## 4. Safety Instructions

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

- o **RISK OF ELECTRICAL SHOCK-** This fan is supplied with a grounding conductor. Improper connection of the equipment-grounding conductor can result in a risk of electric shock. To reduce risk of electrical shock, connect only to a properly grounded, grounding type receptacle.
- o In the event of a malfunction or breakdown, grounding will reduce the risk of electric shock by providing a path of least resistance for the electric current. Install electrical hookup in accordance with all local codes and ordinances. **Warning:** Check with a qualified electrician if you are in doubt whether the fan is properly grounded.
- o To reduce risk of electric shock, disconnect power before servicing this fan.

## 5. Operating the Hurricane II™ Floor Model Fan

## 5.1 Unpacking the Hurricane II™ Floor Model Fan

Before removing from the box, note the position of the packing material and how the unit is setting for future transport or boxing.

## 5.2 Electrical Power Requirements

Check to see that the power switch on the handle is in the off position. Plug in the cord to a grounded outlet with sufficient amperage. You may double check the voltage marking, inside the mouth of the air output. The voltage requirement for this fan is acceptable to almost all types of single-phase electrical supply. Current rating is 13 amps at 120 VAC and 6 amps for the 230 VAC model. Make sure you are using an adequate extension cord. These fans need at least 12-gauge extension cord for sufficient amperage supply. Because initial current surge is higher, the fan should have a dedicated circuit with extra capacity (20 amp circuit at 120 VAC. 10 amp circuit at 230 VAC).

## 5.3 Running the Hurricane II™ Floor Model Fan

1. Quickly turn on then off the power and check to see if the fan is moving easily without rubbing the edge. Sometimes in shipping the fan may be damaged due to mishandling or jarring of the unit. Contact your shipper and CITC if damage has occurred in transport.
2. Turn on the fan to speed desired, aiming the airflow the direction you want, allowing 25-30' (7.6-9.1m) of open air space for air movement in front of the fan. Your fan is designed tough enough to be left on continuously for 2 years without overheating or failure.

## 5.4 Transporting the Hurricane II™ Floor Model Fan

When shipping or transporting to another location (not boxed), be sure to set the fan on the floor. Damage may occur or you may misalign the fan unit. Always have the fan lying down on the floor with the bracket up or legs off the floor.

## 5.5 Optional DMX FX-15 Switchpack Control

With DMX control, you will be able to turn the fan on when the slider control reaches approximately 50%. (See section 5.7).

## 5.6 Troubleshooting

**DMX doesn't work:** turn on control knob on fan to desired speed setting.

**Fan rubs when turning:** call CITC for instructions. Do not remove cover.

**Motor jumps or is unsteady:** check extension cord for low gauge. Turn off any other loads sharing the same circuit or test in dedicated outlet.

**Fan starts slowly:** Check extension cord for low gauge. Turn off any other loads sharing the same circuit or test in dedicated outlet.

## 5.7 Notes on optional DMX FX-15 Switchpack operation

Each DMX'd unit will occupy a unique DMX address on the DMX chain. By adjusting the dip switches on the side of the machine near the DMX cable plug-ins, the user may assign one address to the machine, giving you on/off and volume control with one DMX channel (there is no timer on this DMX).

Step 1). Attach the DMX cable to the upper "in" female connector located on the end of the fan.

Step 2). The DMX address is configured by adding the dip switch numbers together to total the number required. For example, DipSwitch 1 + 6 = 33. Your DMX channel would be 33.

|            |   |   |   |   |    |    |    |     |     |
|------------|---|---|---|---|----|----|----|-----|-----|
| Dip Switch | 1 | 2 | 3 | 4 | 5  | 6  | 7  | 8   | 9   |
| Channel #  | 1 | 2 | 4 | 8 | 16 | 32 | 64 | 128 | 256 |

**When you move the slide control or digital control to approximately the 50% position the fan will turn on.**

|          |       |
|----------|-------|
| 0 – 50%  | = Off |
| 51– 100% | = On  |

"Input" and "Output" designations on the DMX plugs are arbitrary (i.e., you can use the input plug for output and visa-versa). It is not necessary to attempt converting your DMX line's connector to female/male to match the appropriate socket on the plug. As long as it is looped in/out, it will work.

## 6. Service and Maintenance

**Care of your Hurricane II™ Floor Model Fan will give you years of service.  
 Note: cleaning your unit is going to pay off in constant good performance.**

1. Because air passes through the wiring and blades, it is important not to feed fog or wet fluids through this unit. It will damage the circuitry.
2. Keeping your unit clean is essential. Use of Filter Foam would be advised if the air is full of lint or dirt.
3. Wipe down all vent inlets with a clean dry cloth.
4. Never use water around the electrical connections
5. Inspect the cord for damage before each use.
6. Never operate with extension cords that are under 12 awg.

## 7. Technical Data

| Hurricane II™ Floor Model Fan P/N 100160 (230V P/N 100165) |   |
|--|---|
| Weight   | 38 lbs. (17.2 kg)                                 |
| Size   | 22" x 18.25" x 23"<br>(56 cm x 46.5 cm x 58.4 cm) |
| Shipping Weight  | 46 lbs. (21 kg)                                   |
| Shipping Box Size  | 23" x 23" x 23"<br>(58.4 cm x 58.4 cm x 58.4 cm)  |
| DMX  | Optional DMX FX-15 Switchpack<br>on/off control   |
| Wind Speed   | 3 speeds to 58 mph (93 km/hr)                     |
| Wind Range   | 3 speeds to 150' (45.7m)                          |
| Fan Outlet Opening   | 18" x 6.5" (16.5 cm x 46 cm)                      |
| Motor  | 1 hp  |
| Color  | Black   |
| Electrical Supply  | 120 VAC, 13 A, 60 Hz<br>230 VAC, 6 A, 50 Hz       |
| Limited Warranty   | One (1) year                                      |
| Rev. 4/22/16   |   |



## 8. One Year Limited Warranty

Model: \_\_\_\_\_ Purchased on (date): \_\_\_\_\_

Serial number: \_\_\_\_\_ Purchased from: \_\_\_\_\_

### **Congratulations!**

You can now look forward to many years of reliable operation and outstanding performance. Thank you for making CITC your personal choice in special effects equipment. Please take a moment to **fill out the top of this warranty**, and then keep it – with the receipt – in a safe place.

If you would like to receive information about specials, sales, and new products, please log on to [www.citcfx.com](http://www.citcfx.com) and click on the “Contact Us” link.

We appreciate your business, and wish to provide you with a quality product that will serve you for many years to come. Once again, thank you for choosing CITC, and enjoy your new entertainment product!

### **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.

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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 or equipment will be repaired or replaced (manufacturer’s choice) with correct parts. Faulty units must be shipped to CITC at customer’s expense. Call for an RMA# - AN RMA# MUST COME WITH THE UNIT. Payment arrangements for repair must be made before receiving your RMA#, in case the unit is not covered under this limited warranty.
2. Repairs/replacements will only be made with the approval of the customer.

3. Exposure to outside elements voids Warranty. Unit cannot be used outdoors or in wet weather without complete protection against the elements. Even then, high salty or humid conditions will cause instant corrosion of connectors and will void Warranty.
4. 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 in without first emptying the equipment of fluid.
5. 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 year, CITC will cover the cost of returning the repaired unit to the customer.
6. Limited warranty services do not cause an extension of the limited warranty period or the start of a new limited warranty period. The warranty of replaced parts ends with the limited warranty period of the whole unit.
7. Further claims, especially for damages, losses etc. outside the unit are excluded.

**Send unit to:** CITC  
RMA # XXXXXXXX  
1420 80<sup>th</sup> St. SW #D  
Everett, WA 98203



**Tel:** (888) 786-CITC or (425) 776-4950  
**Fax:** (425) 776-5129  
**Website:** [www.citcfx.com](http://www.citcfx.com)  
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