

# **DRI-EAZ** **VORTEX™**

## **Axial Airmover Owner's Manual**

Models: F174-230V, -230V AU, -230V BE, -230V BLU, -230V PB, -UK

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*The Vortex™ airmover ventilates confined spaces and propels dry air across large open areas to aid in drying. It may also be used to improve indoor air quality and remove unwanted odors. Suitable for use with up to 125 ft. of semi-rigid ducting.*

Patents: <http://www.LBpatents.com>

### **READ AND SAVE THESE INSTRUCTIONS**



**WARNING!** Do not alter or modify your dehumidifier in any way. Use only replacement parts authorized by Dri-Eaz Products, Inc.

Modifications or use of unapproved parts could create a hazard and will void your warranty. Contact your authorized distributor for assistance.

**WARNING!** Electric shock hazard, rotating fan hazard and hot surface hazards.

- Inspect the power cord before use. If cord is damaged, do not use. Always grasp the plug (not the cord) to unplug.
- Must be earthed. Insert three-prong plug on power cord into a matching electrically earthed outlet. Do not use adapter. Never cut off third prong. Do not use an extension cord.
- The unit must be operated on a 230V/50 Hz circuit protected by a Residual Current Device (RCD) device.
- Keep motor and wiring dry.
- Always unplug unit before cleaning or servicing.
- Do not attempt to repair the unit. For service, contact your local distributor.

#### **FIRE HAZARD**

- Keep away from open flames and heat sources.
- Do not use or store where vapors from gasoline, solvents, thinners or other flammable materials may be present.

#### **GROUNDING INSTRUCTIONS**

This unit's plug must be inserted into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.

**WARNING!** Improper connection of the equipment-grounding conductor can result in a risk of electric shock. Check with a qualified electrician or service person if you are in doubt as to whether the outlets are properly grounded. Do not modify the plugs provided with the appliance – if the plugs do not fit the outlets, have proper outlets installed by a qualified electrician.

This equipment is for use on circuits with a nominal rating of no more than 230V.

#### **Handle the unit carefully**

Always operate the unit on a stable, level surface. Do not drop, throw, or place where it could fall. Rough treatment can damage the unit, and may create a hazardous condition or void the warranty.



This unit intended for household and commercial use.

## BEFORE YOU BEGIN

### Warranty registration

Warranty registration procedures vary by region. Contact your local distributor for assistance. Registration allows us to better assist you with using, maintaining or servicing your equipment and to contact you in case we have important safety information concerning your Dri-Eaz product. If you determine service is required, have your equipment model, serial number and original proof of purchase available and ask for assistance with obtaining a return material authorization (RMA).

## OPERATING INSTRUCTIONS

The Vortex Axial Fan is designed for air ventilation, circulation, and extraction, and for drying of wet materials and structures with airflow.

The Vortex can be used with or without attached ducting. It is useful for either positive or negative airflow, that is, blowing air into or extracting air from spaces. An arrow on the housing indicates air direction.

Inspect the inlet and outlet screens before plugging in the unit, and remove any debris that may restrict airflow.

### When Used with Ducting

Do not install ducting when the Vortex is operating. To install ducting, first note the direction of airflow. Place end of ducting over the duct ring and attach securely. Ducting to fit the Vortex is available from your Dri-Eaz distributor. Ducting has quick connect straps plus a snap-in ring used to fasten two sections of ducting together.

### Confined Space Ventilation

Position the Vortex at least five feet away from the entry to the confined space. Place it upwind so that purged gases do not re-enter the unit. Make sure the inlet is not blocked by a wall or other obstruction.

Place the other end of the ducting in the confined space, angled so it points at an end wall. Keep it pointed at an end wall to prevent pockets of unmoving air, and to keep fresh air circulating to all locations.

## MAINTENANCE

**CAUTION:** Internal repair procedures should be performed by a qualified technician from an authorized service center.

**WARNING:** Disconnect from electrical supply prior to servicing or cleaning.

**Cord Inspection:** Inspect the electrical cord for damage. Units with damaged cords must be removed from service and repaired before use. Failure to do so may lead to electrical shock or a fire hazard.

**Exterior Inspection:** Evaluate exterior components and make sure that all are in proper operating condition. Repair or replace components as required. Run the unit briefly; listen for abnormal sounds and repair as needed.

**Clean Exterior:** Clean the exterior plastic housing with mild detergent and water. For deep cleaning and a lasting, protective shine, use a vinyl cleaner and protectant.

**Motor Bearings:** The bearings on the Dri-Eaz Vortex are permanently lubricated. No oiling is necessary.

For parts and service, contact your local Dri-Eaz distributor

**ADDITIONAL PRODUCT INFORMATION** and current documentation is available at

[www.DriEaz.com](http://www.DriEaz.com)

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**FOR PARTS AND SERVICE** contact your local distributor.

## SPECIFICATIONS

Fan speed	2850 RPM
Max. static pressure	5.6 cm   2.2 in. H <sub>2</sub> O
Dimensions (D x W x H)	24.6 x 26.2 x 18.2 in. 18 x 15 x 19 in.
Weight	15 kg   33 lbs.
Amps	2.2 amps
Volts	230V
Frequency	50Hz
Power (motor rating)	1.0 HP
Cord length	20 ft.   6.1 m
Control	1 speed toggle switch
Safety	Listed to UL/ULc standards
<i>Specifications are subject to change without notice. Some values may be approximate.</i>	