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# Owner's Manual

## Sahara ProX3 (115V Model)

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

### READ AND SAVE THESE INSTRUCTIONS

#### **WARNING**



#### **ELECTRIC SHOCK HAZARD**

**This unit must be electrically grounded**

The power cord is equipped with a 3-prong grounding plug. **Use only with a matching receptacle.**

Do not cut off the grounding prong.

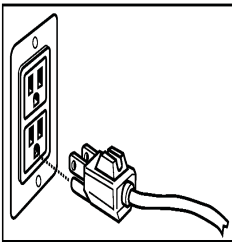
Do not use an adapter.

Do not use with a damaged power cord.

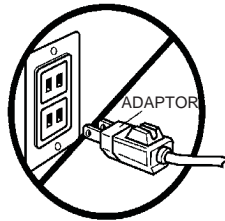
Do not use an extension cord.

To reduce risk of fire or electric shock, do not use this air mover with any solid-state speed control device.

**Read and understand manual before operating.**



Use a 115V, 3-prong grounded connection



Do not use with an adaptor

**NOTE:** Humidity will rise with the use of TurboDryers, because they lift moisture from wet materials into the air. To learn about managing humidity during drying, contact your local distributor or call Dri-Eaz Education at 800-575-5152.

#### **PLACING YOUR TURBODRYERS**

When drying the interior of a building, use at least one TurboDryer per water-damaged room, or one every 200 square feet. Try to get airflow to all wet surfaces. Open interior doors to improve air circulation, and brace doors to prevent them from blowing shut.

#### **WARNING**

Do not move or carry a TurboDryer while under operation. When the unit is in motion, the powerful airflow is hard to control, and can produce rapid and unpredictable movement.

Do not allow children to play with or around TurboDryers. If they lift or get a unit off balance, the powerful airflow can cause the TurboDryer to move rapidly, risking injury.

Do not alter or modify your Dri-Eaz product 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 Dri-Eaz distributor for assistance.

#### **OPERATING YOUR TURBODRYER**

1. Locate the electrical cord and plug into a standard 3-prong outlet.
2. Set the switch to the desired speed, based on amp draw as listed by the switch on the side control panel.

#### **THE AUXILIARY OUTLET**

You can "daisy chain" or interconnect up to three Sahara Pro X3 units to customize your drying needs. The unit can conduct a maximum of 12 amps when it is turned off or 8 amps when it is turned on.

#### **RED CIRCUIT BREAKER SWITCH**

The primary purpose of the circuit breaker is to protect the machine. It turns the unit off when more than 12 amps are run through the on-unit circuit.

#### **GROUND FAULT CIRCUIT INTERRUPTER**

The GFCI protects the user. Should it detect a sudden "ground fault," the GFCI will interrupt the electric current. The GFCI will also trip when a short circuit or overload occurs. If the GFCI "trips," unplug the unit and look for potential hazards (standing water, frayed cord, etc.) that might cause an electrical surge. Relocate the unit and plug into a different outlet. Then push the "Reset" button and check to make sure it is operating. If so, continue use; if not, call a Dri-Eaz tech specialist at 800-575-5152.

# READ AND SAVE THESE INSTRUCTIONS

## **WARNING**



### **ELECTRIC SHOCK HAZARD**

**Keep motor and electrical parts dry.**

Do not operate in standing water.

Do not expose to rain, water or snow.

Do not get the exterior, motor or wiring wet.

Do not clean with wet objects, i.e., power washers, soap and water, etc.

If motor or electrical parts become wet, allow them to dry completely before using.

**Read and understand manual before operating.**

## **WARNING**



### **FIRE HAZARD**

**Keep air intakes clear.** Reduced airflow can cause motor to overheat.

Clean any lint or other material from the screens before each use.

Do not operate near draperies or other material that could block the air intakes.

Clean dust and dirt from motor using a vacuum or compressed air.

Do not use or store where flammable vapors like gasoline, solvents, or thinners are present.

Do not use near open flames, or heat sources.

**Read and understand manual before operating.**

### **COOL AND VENTILATE**

Place the airmover on a flat surface, and direct the air from cooler areas (including the outdoors) into a warm room.

### **TURBODRYER STORAGE**



#### **Stackable**

Units can be stacked (up to 3) on their sides for storage.

#### **NOTICE**

Stacking feature is not secure enough to be used during transport.



Always disconnect the TurboDryer from its power source before performing any maintenance or cleaning.

## **Preventive Maintenance**

Routine maintenance can significantly increase the life of your TurboDryer. It also promotes efficient operation. The applications and amount of use by owners vary, so the recommendations listed below are for average-to-high-volume use in water damage. Constant operation or use in other environments may require additional maintenance. Contact Dri-Eaz for more information.

NOTE: Do not oil motor bearings; they are permanently oiled.

#### **BEFORE EACH USE:**

- Inspect power cord for cuts, fraying or damage; do not use if damaged.
- Remove lint or obstructions from the grills using a vacuum or compressed air.
- Inspect exterior components (switch, knob, etc.) for damage.

#### **QUARTERLY (OR AS NEEDED):**

- Clean the exterior with a household all-purpose spray cleaner. Spray the rag, then apply to the surface.
- To renew shine on the plastic, use a vinyl cleaner.
- Remove grill and blower, then blow off internal components with compressed air.

#### **ANNUALLY:**

- Inspect components and internal wiring for discoloration, loose connections, or fraying.

**⚠ Important Safety Instructions:** Always disconnect the TurboDryer from its power source before performing any maintenance or cleaning.

**To CLEAN INTERIOR (AS NEEDED):**

**To remove grill and blower wheel:**

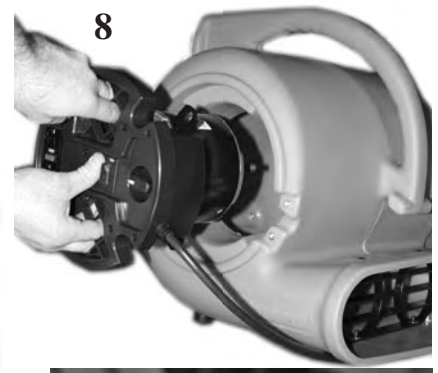
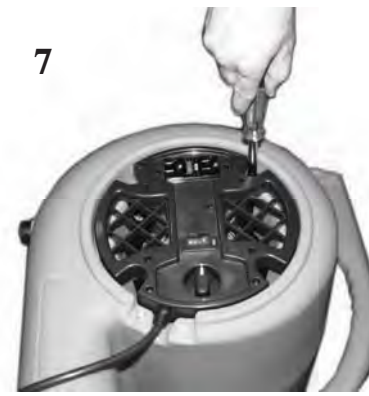
1. Use a Phillips #2 screwdriver to remove 2 screws.
2. Remove inlet grill.
3. Loosen the blower wheel shaft nut (3/8" socket driver). Note the backstop for ensuring alignment when replacing wheel.
4. Pull the blower wheel out of the unit.



**To remove control panel and motor:**

Rotate the unit onto its side so that the controls are facing up.

5. Unscrew 2 screws securing cord guard (#2 Phillips screwdriver).
6. Remove cord guard.
7. Remove 4 motor mount bolts with 3/8" nutdriver.
8. Pull motor assembly out of the housing.



**To reassemble unit:**

Follow the steps above in reverse order (starting with #9).

**Note:** Before tightening shaft nut on wheel, ensure that bolt is aligned with flat spot on shaft (see photo A).



### APPLYING YOUR UNIQUE ADHESIVE LABEL:

- Locate the smooth area on the front side of the rotomolded housing.
- Clean the area with a standard household cleaner.
- Once dry, apply a durable label using heavy-duty adhesive.



## Model Specifications



**Sahara ProX3  
Model F351**

<b>Height</b>	18.8" (48 cm)	<b>Speeds</b>	Three	<b>Weight</b>	27 lbs
<b>Width</b>	17.0" (43 cm)	<b>Switch Type</b>	Rotary	<b>Positions</b>	3 (0°, 45°, 90°)
<b>Depth</b>	18.3" (47 cm)	<b>Rated Airflow</b>	2700 CFM 4587 CMH	<b>Carpet Clamp</b>	Available as accessory
<b>Static Pressure</b>	1.36" (3.5 cm)	<b>Tested Airflow</b>	1013 CFM 1718 CMH	<b>Circuit Protection</b>	Circuit Breaker/GFCI
<b>Motor</b>	0.33 HP	<b>Overheating Cut-offs</b>	Dual Thermal Protectors	<b>Safety Marks</b>	UL / cUL listed
<b>Power</b>	4 amps	<b>Cord Length</b>	25 ft. (7.6 m)	<b>Housing</b>	Polyethylene

## Troubleshooting

For any problems not listed below, call your local distributor or contact our Service Department toll free at 888-867-3235.

PROBLEM	CAUSE	SOLUTION
<b><i>Unit does not operate</i></b>	No power to machine	Plug in the unit; check circuit breaker or fuse
	Switch not turned on	Turn on switch
	Blower wheel jammed	Remove material jamming wheel
	Intake or exhaust blocked	Turn machine off and allow to cool, then remove blockage
	No power to outlet	Reset circuit breaker/GFCI
	GFCI tripped	Reset circuit breaker/GFCI
<b><i>Unit vibrates excessively</i></b>	Accumulation of soil on wheel	Clean blower wheel