



# Owner's Manual

## Pet Drying Products

Dri-Dog Dryer (F229), Sahara HP GS TurboDryer (F398), and Multi-Cage Adapter Kit (F202)

DRI-EAZ PRODUCTS, INC.

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### READ AND SAVE THESE INSTRUCTIONS

## About Natural Volume Air Drying

**Natural Air Volume Drying (NAVD)** is the safest and most efficient way to dry pets. It not only makes a groomer's job easier, but is a safe, healthy alternative to traditional heat drying methods.

NAVD delivers high volume, room temperature air to speed water evaporation. The blast of ambient air lifts and separates a dog's coat, resulting in fast drying times, fluffy coats and happy pets.

NAVD is safer than traditional heat drying because pets are not exposed to potentially dangerous heat levels. Room temperature air ensures a less stressful environment for drying pets.

**The keys to faster, more effective pet drying are airflow, dehumidification and temperature.** NAVD takes place when all three of these elements are in place.

- Airflow speeds the drying process. The greater the airflow, the faster pets dry.
- Dehumidification, or creating a "dry zone" where drying is being done is a critical element in speeding the drying process. In an enclosed grooming area, the bathing process releases moisture into the air. A dehumidifier absorbs the humid air and returns it to the environment as dry air. Fresh, dry air absorbs more moisture, speeds evaporation and reduces odors. Information about Dri-Eaz portable dehumidifiers is available at [www.Dri-Eaz.com](http://www.Dri-Eaz.com).

- Temperature is one of the most misunderstood elements of the drying process. Too little heat slows the drying process, but too much heat is unsafe for pets and uncomfortable for groomers. Effective and safe drying takes place in the presence of warm, ambient air at an approximate temperature of 72–74° F or 22–23° C. Pets feel comfortable in room temperature air, and tend not to shy away as they do from the high heat created by traditional dryers. Warm, dry air keeps pets from getting chilled and prevents hypothermia.

NAVD deeply penetrates a dog's wet coat. The ambient temperature airflow is less harmful to a dog's coat and skin than traditional heat drying which robs moisture from the skin, leaving it red, flaky and hot to the touch. Faster drying not only frees up more time for grooming, but it also enhances working conditions for grooming technicians. NAVD inhibits the growth of mold and mildew in grooming areas, thereby reducing unpleasant musty odors.

NAVD helps groomers make the most efficient use of their time, safely and effectively.

This document provides pet drying tips based on NAVD principles using Dri-Eaz airmovers and accessories. With proper care, Dri-Eaz equipment will provide years of reliable effective pet drying, ensuring happy pets and satisfied customers.

# Dri-Dog Dryer

Effective, focused ambient air drying.

## SAFETY WARNINGS



**DANGER:** Do not place unit in standing or running water. This may cause a risk of electrical shock. Keep units out of baths, and do not operate on a wet floor.

**DANGER:** Do not remove or alter the grounding plug. Do not use the unit for any reason if it cannot be properly grounded. Be sure to turn off unit and unplug unit from outlet when not in use or before servicing. To prevent damage to the cord, always unplug unit by grasping the plug.

**DANGER:** The Dri-Dog is not a toy. Keep away from children at all times.



**WARNING:** Do not allow any material to clog or block air intakes, as this may cause units to overheat and result in a fire or electrical hazard.

Regularly clear hair, lint and other substances from air intakes.

## OPERATING INSTRUCTIONS

Use the Dri-Dog to blow dirt and undercoat out of a dog **before grooming**, to do fast and easy rough cuts, to get rid of unwanted undercoat, or to separate matted hair. Use the Dri-Dog **after bathing** a pet, to blow off the excess water for faster drying. Use the Dri-Dog to dry quickly and fluff **before finishing** the pet.

**Caution:** Do not blow air from the rubber cone directly into a pet's face, ears, or eyes. The forceful air may cause injury to the pet. For drying these sensitive areas, or for drying cats, try removing the rubber cone or unscrew the entire handle assembly from the hose using the gentle airflow.

**Using your Dri-Dog:** Plug in the unit. Hold the pet with one hand to keep it calm. With the other hand, hold the nozzle firmly and then turn on the switch to the speed you desire.

**1. Use the Dri-Dog to remove undercoat and dirt and to loosen matted hair.** Starting from rear of the pet, slowly blow and separate the coat, exposing the skin. Continue this procedure until all undercoat is released.

**2. Use at the bathtub to blow off excess water after bathing.** First towel-dry the pet to remove dripping water. Then start at the rear and use short fast strokes to blow off excess water. Make sure to blow moisture off the pet from the skin out, not just on the top of the coat.



**3. Use at the grooming table to dry and fluff the pet before finishing.** Use the Dri-Dog at two different speeds, with or without the rubber cone, depending on your drying needs. The unit produces just enough heat to speed the drying process without danger to the pet. A pet's coat will fluff and straighten during the drying process. Even if the pet is already dry and needs more fluffing, the Dri-Dog will help produce a straight, fluffy coat and enhance your finishing groom for a quality look.

### Other uses for your Dri-Dog

- Blow out dirt from between the grooves on your grooming table.
- Use to remove dust and hair when cleaning TurboDryers and other equipment.
- Dry up excess water around tub area at the end of a day, to avoid mold and mildew there.
- Use the Dri-Dog to clean off hard-to-reach shelves and ceiling fixtures such as lights and fans.

## MAINTENANCE



**Unplug Before Cleaning.** *To prevent risk of electrical shock, be sure you unplug the unit before cleaning. Do NOT immerse the housing in water.*

**Clean the Dri-Dog filter** regularly to prevent over-heating and loss of power. As hair builds up on the filter (located on the bottom of the unit) just reach down and swipe off the hair. Occasionally remove the filter by pulling it out of the two holders.

**Vacuum out hair and dirt**, or wash the filter with soap and running water. Be sure filter is completely dry before reinstalling it in the Dri-Dog.

**Wipe off the Dri-Dog housing, nozzle, cone and hose** with soap and damp cloth. To keep the housing shiny, occasionally apply a vinyl cleaner protectant like those designed for plastic surfaces in automobiles.

**Inspect the motor brushes** after 500 hours of operation and replace if necessary. *Notice: Have a qualified service technician change brushes if you are not qualified to do it yourself.*

### Opening the Unit

To open the unit (for maintenance cleaning, or for changing the brushes) use the following steps. *Notice: Unplug unit to prevent risk of shock.*

1. Using a large screwdriver or  $\frac{3}{8}$  in. socket, remove the four screws holding down the cover (the part with the handle). Grasp the nozzle in the middle of the cover. Gently pull outward, rocking back and forth if it fits too tightly. The entire cover and motor assembly will come free in one piece.
2. Lay the cover and motor assembly down on its side. Now the body is open for inspection; clean it as necessary.
3. If you need to remove the motor, note that the motor is attached by a screw-clamp to a heavy rubber sleeve. Loosen the top screw-clamp with a large screwdriver until the motor slides out of the sleeve.



### SPECIFICATIONS

Model	F229 Dri-Dog Dryer
Weight	16 lbs.   7.25 kg
Dimensions (H x W x D)	17 x 12 x 15 in. 43 x 30.4 x 38.1 cm
Power	9.5 amps, 120V
Airflow high/low	122/75 CFM
Housing	High density polyethylene
Filter	Cleanable foam

*Specifications are subject to change without notice. Some values may be approximate.*

Warranty information is available at [www.dri-eaz.com](http://www.dri-eaz.com).

Be sure to visit [warranty.drieaz.com](http://warranty.drieaz.com) and register your purchase to ensure you receive any important product releases.

**FOR PARTS AND SERVICE CALL YOUR LOCAL DISTRIBUTOR, or the Dri-Eaz Service Department at 800-932-3030**

# Sahara HP GS TurboDryer

High velocity airmover for in-cage pet drying, ventilation and more.

## SAFETY WARNINGS



**WARNING:** Do not allow any material to clog or block air intakes, as this may cause units to overheat and result in a fire or electrical hazard.

Regularly clear hair, lint and other substances from air intakes.

**Keep children away:** Do not allow children to play with or around the unit, which could result in injury. Be sure the unit is inaccessible to children when not attended.

**Keep unit grounded:** Always operate the unit with a grounding plug and a grounded electrical outlet. A grounding plug is an essential safety feature that helps reduce the risk of shock or fire.

**Protect power cord from damage:** Never operate a unit with a damaged power cord, as this may lead to electrical or fire hazards. If the power supply cord is damaged, it must be replaced by a cord of the same type and amperage rating.

**Extension cords:** Extension cords must be grounded and able to deliver the appropriate voltage to the unit.

**Do not use with speed control device:** To reduce the risk of fire or electric shock, do not use Turbodryers with a solid-state speed control device.

**Handle with care:** Do not drop or throw the unit. Rough treatment can damage the components or wiring and create a hazardous condition.

**Operate on stable surface:** Always operate the unit on a stable, level surface, like the floor or a strong counter, so it cannot fall and cause injury.

**Secure during transport:** When transporting in a vehicle, secure the unit to prevent sliding and possible injury to vehicle occupants.

**Keep out of water:** Never operate the unit in pooled or standing water, as this may create a risk of injury from electrical shock. Do not store or operate outdoors. If electrical wiring or components become wet, thoroughly dry them before using the unit.

**Keep air intakes clear:** Do not clog or block air intakes. This may cause the unit to overheat and result in a fire or electrical hazard.

**Keep out dust and dirt:** Do not allow dust, dirt, or other particles to be drawn into the air intakes. Dirt in the motor can cause it to overheat, resulting in a fire or electrical hazard. If the motor gets dirty, clean it using an air hose.

High/Low/Off switch.

Filter screen:  
Clean before  
each use.



**Allow repair only by qualified person:** Do not attempt to disassemble or repair the unit if you are not qualified to do so. You may handle some maintenance and troubleshooting, but make sure that more complex problems are handled by an authorized service technician. For information about authorized repair, call Dri-Eaz at 800-932-3030.

## OPERATING INSTRUCTIONS

1. Plug in to a standard outlet with the correct voltage and amperage for the unit.
2. Set the High/Low/Off switch at the desired speed. Check for proper operation before leaving the unit unattended.

**NOTICE:** Do not move the TurboDryer while it is operating.

## ELECTRICAL CONNECTIONS

Turbodryers are designed to operate on a 115V/60 Hz electrical connection. Make sure that the electrical outlet is grounded and that all safety precautions are taken.

## MAINTENANCE

Always turn off the power before performing maintenance procedures. All the service procedures below are to be executed with the unit unplugged. Perform before each use or as needed.

### Before each use

**INSPECT ELECTRICAL SYSTEM:** Inspect the electrical cord for damage at regular intervals. Periodically, remove the

housing and inspect internal wiring for bare wires, insecure fasteners, and discoloration. Remove and repair any damaged wiring as needed. Failure to do so may lead to electrical shock or a fire hazard.

**CLEAN AIR INTAKES:** Clean off any accumulated fur, lint or other materials from the air inlet side-screens. A buildup will reduce the airflow and may cause the motor to overheat and become a fire hazard.

**CLEAN EXTERIOR:** Clean the housing with mild detergent and water. Bring back the original shine with a vinyl cleaner and polish like those used on automobile plastics.

**EXTERIOR INSPECTION:** Evaluate exterior components and make sure they are properly installed. Listen to the unit for abnormal sounds. Repair or replace components as needed.

#### Periodic maintenance (as needed)

Make sure unit is unplugged and the wheel has stopped. Remove four screws to remove each side screen. This will permit access to motor and wheel for cleaning.

**CLEAN COMPONENTS:** Use compressed air or a vacuum to remove lint and dust from blower wheel, motor and side screens.

**NOTICE: Do not wet motor or wiring.** To prevent damage to electrical components, do not use a hose or pressure washer to clean a TurboDryer. If electrical components do become wet, dry them immediately.

**MOTOR BEARINGS:** The bearings on all Dri-Eaz TurboDryers are permanently lubricated. Do not oil.

#### SPECIFICATIONS

Model	F398 Sahara HP GS
Weight	31 lbs.   14 kg
Dimensions (H x W x D)	19.5 x 17.5 x 19.5 in. 49.5 x 44.5 x 49.5 cm
Power	10.5 amps, 115V, 60 Hz
Airflow (max.)	1575 CFM
Housing	High density polyethylene
<i>Specifications are subject to change without notice. Some values may be approximate.</i>	

Warranty information is available at [www.dri-eaz.com](http://www.dri-eaz.com).

Be sure to visit [warranty.drieaz.com](http://warranty.drieaz.com) and register your purchase to ensure you receive any important product releases.

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## SAHARA ACCESSORY: MULTI-CAGE ADAPTER KIT

### Dry three pets with one TurboDryer!

The Multi-Cage Adapter Kit increases the drying capability of your TurboDryer, enabling you to direct air to three pets cages at once. The Multi-Cage Adapter Kit includes a snout adapter that fits any Sahara TurboDryer. The snout adapter is attached to three 8 ft. lengths of 4 in. ducting that are fastened to three cage attachments on the other end.

1. Place the snout adapter over the mouth of the TurboDryer and push the knobs of the spring hooks (included) into the TurboDryer grill.
2. The length of the ducting can be modified by cutting the ducting with household scissors and wire snips. (NOTE: the shortest and straightest path from the TurboDryer will produce the greatest airflow.)
3. Use the hooks to connect each cage attachment to the front of a drying cage. Direct air flow into the lower portion of the cage for the most effective drying results.
4. Slide the cage attachment door into the "open" position before switching the unit on. Leaving the doors of unused ducts in the "closed" position reduces overall airflow output.

### MAINTENANCE

Check the ducting for fraying and wear. Replacement ducting may be ordered from Dri-Eaz at 800-932-3030.

Visit [www.Dri-Eaz.com](http://www.Dri-Eaz.com) or call 800-932-3030 for additional pet drying solutions from Dri-Eaz, including:

- **Additional Sahara TurboDryer models**
- **Portable dehumidifiers**
- **Ducting**
- **Sanitizers, antimicrobials, and odor control applications**