

Eco 2® Force Dryer

– Instruction Manual –



THE ECO 2® FORCE DRYER

You have purchased one of our most advanced, highest quality dryers available on the market today. With a little preventative maintenance it will give you years of reliable service.

As with all equipment the dryer needs the proper power supply to work efficiently.

The two motor dryer is rated at 16 amps 110 volts. If the dryer is in a bathing area, your electrical supply in this area must be GFI protected. The dryer is designed to be used for force drying or cage drying, with optional attachment and hose.

DO NOT HANG DRYER BY THE HANDLE.

The ECO 2® Force Dryer is designed for years of use with the proper care.

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HOW TO USE THE DRYER

When using the force dryer on an animal, begin on the back to see how it will tolerate the air flow; then move to the head. Dry the head first to avoid a droopy top knot. The proper angling of the air is very important when force drying. If you dry several directions with no purpose in mind hair will be lying in all directions. Angle the air movement either vertical or horizontal.

To dry heads or top knots of dogs, use a large diameter hose such as 1 1/2 inch from the outside towards the center on both sides and lay it very close to the skin working in a circle from the outside perimeter of the head to the inside. Avoid working from the center, because this will pancake the head and ruin the look you want. You need to dry with air movement that will help the hair to stand straight.

Poodles, Bichons and mixed breeds are best done with the 1 1/2 inch hose directly on the dog's skin working the coat to a fabulous fluff.

Dogs with thick coats such as: Great Pyrenees, Golden Retrievers, German Shepherd, Keeshond, Chows, and Samoyed, etc. are best done with the shooting nozzle on the body and 1 1/2 inch diameter hose, projecting the air flow down, so the dogs coats will lay flat for grooming.

GROOMING QUALITY

The effects on grooming quality and finished appearances are most amazing when using the force dryer. Force dryers dry the hair from the root which permits hair straightening and lifting without excessive brushing. With proper technique and practice you can achieve the look you want with much less effort and time.

BENEFITS FOR THE ANIMAL

Force drying also has many benefits for the animal. It helps to increase blood flow to the skin and promotes better circulation. It also helps to remove dander and loose hair on animals with a heavy coat. Grooming will be more comfortable for pets, as they will spend less time on the table, not to mention the decreased aggravation of extended periods of brushing, fluffing and dematting.

DRYING METHOD

The best method for force drying is to do the whole procedure in the tub and then return the pet to the grooming table for the finish groom.

MATERIALS

A tub rack is a device that raises the animal several inches from the bottom of the tub, keeping the animal away from the excess water. When using the tub rack the entire pet may be dried in the tub without standing in a puddle of water.

The 1 inch nozzle, known as the shooting nozzle reduces the air diameter to 1 inch. The soft rubber style is much safer to use. Using the shooting nozzle method is wonderful and most effective for blowing water out of a dog's coat. At the same time, the air pressure separates and lifts the hair, removing dead undercoat and saving a lot of brushing and dematting.

The 1 1/2 inch hose cuff is the actual end of the drying hose. Air pressure is pushed through this 1 1/2 inch area. When drying long coats, you want to use the large diameter hose and apply it directly to the skin. The large diameter technique will prevent tangles, and promote straightening on dogs such as: Lhasa Apso, Shih Tzu, Maltese, Yorkshire Terrier, etc.

PRECAUTIONS

As with any equipment used in the salon, there are precautions to be used with the force dryer to prevent animal injury. It is important to remember that as the dryer nozzle gets smaller, the air force and temperature increases. Therefore, remember when you are using the 3/4 inch nozzle, you must be at least 6 inches from the animal's skin to prevent burning; use quick movement so the pressure is not constant in one area. Also, remember to be extra cautious around the animal's eyes, ears, and privates. These areas are more sensitive to pressure and burning. For extra comfort for the dogs, place ear plugs or cotton in their ears to help reduce the sound of air flow. A variable speed control is an important feature on a dryer, for this allows you to regulate the air pressure from a soft flow to a burst of air, depending on the animal's tolerance. A puppy or cat may need to have low air pressure, while most dogs tolerate high pressure.

AIR PRESSURE

Air pressure in a force dryer is described by feet per minute-F.P.M., which is measured at the end of the drying hose or nozzle. The volume of air moved by the motor is described by cubic feet per minute-C.F.M.

HAZARDS

Force drying is generally messy and noisy. You should wear a face mask and ear plugs. Use dryers with as little motor noise as possible. You have to deal with air noise, but not motor noise. You need to protect your hearing and your respiratory system. Never force dry an animal that you have used a chemical dip on, this could be fatal to inhale.

Using Force drying to its full potential is very beneficial. Force drying is safe, fast, and is less expensive. It saves human and electric energy. When a dog or cat will not permit force drying, then cage drying may be necessary. If you are going to cage dry, there are several precautions to take. Be sure cages are well ventilated so fresh air may pass through continuously. Restricting air flow will suffocate the animal and constant heat will burn their skin. Metal and plastic cages hold heat, so be sure to place a thick blanket on the bottom of cage and constantly observe the animal.

MAINTENANCE

Clean the hair off the primary filters as needed throughout the day. At the end of the day vacuum the filters. Once a week remove and wash the primary filters with warm water and a mild soap, let them dry overnight. Under the primary filter there is a permanently mounted stainless steel screen filter. This filter will collect dust and dander. To clean it just turn on the dryer and blow the dust through the screen, it will not damage the dryer. Replace the primary filters once a year or sooner if needed. **NEVER OPERATE THE DRYER WITHOUT THE PRIMARY FILTERS IN PLACE.**

The cabinet is constructed of high quality stainless and requires minimal maintenance. The outside can be cleaned with a good quality stainless steel cleaner polish.

The carbon brushes will need to be replaced between one and two years, depending on the use. Use the brush changing procedure included in this manual or the literature that is furnished with the replacement brushes. All brushes are not the same, be sure to replace them with the proper type and style, use part number 35551 that is available through M.D.C. Romani. To access the motors remove the top lid by removing the screws and breaking the seal. This can be done with a utility knife and screwdriver. Insert the knife blade between the lid and main body of the unit, move the knife around the entire unit to cut the seal. After replacing the brushes, per the instructions, put a small bead of silicone along the top edge of the unit then replace the lid. Start all screws before tightening all the way. After starting all the screws, go back around and tighten them down. Let the silicone dry at least 24 hours then remove the excess.

BRUSH CHANGING PROCEDURES

To remove the used brush:

Loosen the two screws holding the brush clamp enough to allow the brush to lift upward and slide out.

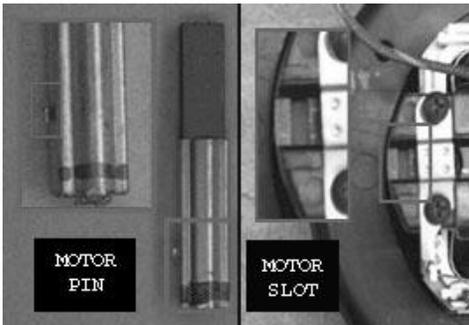
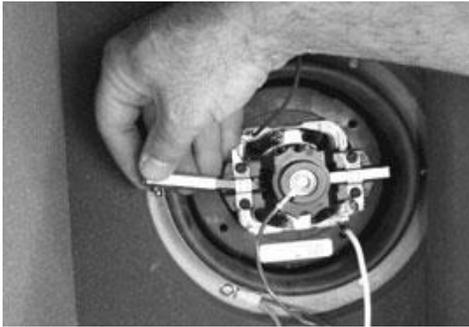
Note: It is not necessary to completely remove the screws.

To install the new brush:

Slide the new brush in with the pin facing downward. The brush should lock into place. The pin should be inside the slot on the motor housing. Tighten both screws - be careful not to over tighten.

Repeat procedure for other brush.

Test run motor before replacing the lid on the unit
The new brushes may spark more than normal until they wear in.



TERMS OF SALE & FREIGHT POLICY

Warranty

The Clipper VAC® vacuum is a heavy duty cleaning machine of superior quality. It has been carefully inspected and tested before shipment and is covered by our warranty for one year to correct any defects caused by faulty material or workmanship. Naturally, we assume no responsibility for damage caused by misuse, careless handling or unauthorized service. No other guarantee, written or verbal is authorized by us.

Freight Policy: All shipments are F.O.B., Indiana, PA 15701.

General Policies:

1. Prices are subject to change without notice.
2. We reserve the right to quote and sell direct to Government Agencies, O.E.M. using Clipper VAC® equipment as part of their product and certain selected national accounts not normally served by distributors.

Returned Goods Policy:

1. Authority for return must be obtained in writing from M.D.C. Romani, Inc.
2. Transportation charges must be prepaid.
3. Items to be returned must be currently catalogued models. Returned goods will be processed in the following manner:
 - a. *A. Warranty Returns:*
 - i. Returns for credit or repair: Units which are found to be defective will be repaired at no charge except labor and returned freight prepaid to the customer or credit will be issued as appropriate.
 - b. *Non-Warranty Returns:*
 - i. The warranty is not applicable for units which have extended the warranty period or, in the judgment of M.D.C. Romani, Inc. have been damaged from abuse and/or misuse.
 - c. *Returns for Credit:*
 - i. Goods authorized for return are subject to a 20% restocking charge when the condition of the goods permits inspection, testing and replacement to finished stock. Charges for restocking units will either be scrapped or returned freight collect at the customer's discretion. No credit will be allowed.
 - d. *Returns for Repair:*
 - i. Repairs or recondition are subject to standard repair charges. Minimum charge is \$10.00.

It is the policy of M.D.C. Romani, Inc. to stand firmly behind our products to assure satisfaction in terms of high quality and workmanship. M.D.C. Romani Inc. assumes no responsibility for damage in transit of returned goods. Returns are to be sent to the factory.

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