



*Special
Edition*

RainbowMate®
Owner's Manual

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The RainbowMate is to be used with the Rainbow Model D4C and the Electrified Hose supplied with the Power Nozzle Model PN-2 (in Canada use Rainbow Model D4B and Power Nozzle Model PN-2).

Your RainbowMate is equipped with a nameplate which lists the model number as follows:

RainbowMate®

MODEL RM-2

Mfg. By Rexair Inc., Cadillac, Michigan U.S.A.

The configuration of the Rainbow® Cleaning System and the words Rainbow®, RainbowMate® and Rexair® are registered trademarks of Rexair, Inc., Troy, Michigan

IMPORTANT SAFEGUARDS

Please read all instructions carefully before using unit. Use your Rainbow only for its intended use as described in the instructions. The use of attachments not recommended by Rexair may cause hazards.

WARNING — to reduce the risk of fire, electric shock, or injury, when using an electrical appliance, basic precautions should always be followed, including the following:

- 1 Close supervision is necessary when any appliance is used by or near children. Do not allow your Rainbow, Power Nozzle, or RainbowMate to be used as a toy or to run unsupervised at any time.
- 2 Unplug the Rainbow when not in use. Turn it off at the switch before unplugging. Grasp the plug to disconnect it from the wall outlet to avoid damage to cord, plug, prongs, or receptacle. Do not pull or carry by cord, use cord as a handle, close a door on cord, pull or carry around sharp edges or corners. Do not run appliance over cord. Keep cord away from heated surfaces. Do not use with damaged cord or plug.
- 3 Do not leave appliance when plugged in. Unplug Rainbow from outlet when not attended and before servicing.
- 4 If Rainbow, Power Nozzle, or RainbowMate is in disrepair, do not attempt to operate. If appliance is not working as it should, has been dropped, damaged, left outdoors, or dropped into water, return it to your Rainbow Distributor.
- 5 Do not clean the unit, or unclog the hose until the Rainbow is switched off and the plug is removed from the wall outlet.
- 6 Do not connect to the receptacle of an incandescent light fixture, or use any extension cords.
- 7 To avoid the possibility of fire or explosion, do not use your RainbowMate in areas where flammable and/or explosive vapor or dust is present. Some cleaning fluids can produce such vapors. Areas on which such flammable cleaning fluids have been used should be completely dry and thoroughly aired before being vacuumed. Do not use the Rainbow, Power Nozzle, or RainbowMate to unplug drains. If sewer gas is drawn into the Rainbow it could cause an explosion.
- 8 No one should ever touch a metal sink, cold or hot water pipe with one hand while touching the metal parts of any electrical appliance, light fixture or switch with the other hand. One's body could complete an electrical circuit to the ground. Additionally, wet skin surfaces can greatly increase this hazard. Do not handle plug or appliance with wet hands.
- 9 (a) Do not put any objects into openings. Do not use with any openings blocked; Keep free of dust, lint, hair, and anything that may reduce air flow; (b) Keep hair, loose clothing, fingers, and all parts of the body away from openings and moving parts; (c) Use extra care when cleaning on stairs.



- 10** Do not pick up anything that is burning or smoking such as cigarettes, matches or hot ashes; Do not use to pick up flammable or combustible liquids such as gasoline or use in areas where they may be present.
- 11** This appliance is provided with double insulation. Use only identical replacement parts. See instructions for Servicing of Double-Insulated appliances.
- 12** Always follow these IMPORTANT SAFEGUARDS.
- 13** Your RainbowMate contains a powerful revolving brush. To avoid bodily injury, the RainbowMate should not be placed against or in close proximity to loose clothing, jewelry, hair or body surfaces while cleaner is connected to electrical outlet. The RainbowMate circuit breaker does NOT protect against bodily injury or damage to objects that contact the revolving brush.
- 14** **WARNING** — To avoid risk of electrical shock, NEVER use the electrified hose (supplied with the Power Nozzle) to pick up water or any other fluids. Use ONLY the Rainbow hose, supplied with the Rainbow, for wet-pickup operations. Refer to page 4 for illustrations and descriptions of each hose.
- 15** **IMPORTANT** — The electrified hose contains electrical wires and should be checked regularly. Do not use if damaged, cut, or punctured. Avoid picking up sharp objects. Do not use to suck up water. Do not immerse in water for cleaning. Always turn off this appliance before connecting or disconnecting either the hose or motorized nozzle.
- 16** **WARNING** — Electric shock could occur if used outdoors or on wet surfaces.

CAUTION: It is recommended that you not use the Rainbow to clean the fireplace or the chimney flue, or any other oily or greasy compounds (such as soot) or ashes, ceramic dust, drywall, plaster dust or other powdery substances that are resistant to the wetting action of water. Do not use the Rainbow to pick up or in the vicinity of any volatile or toxic materials.

**USE THE RAINBOW ONLY AS DIRECTED IN
THIS OPERATION MANUAL!**

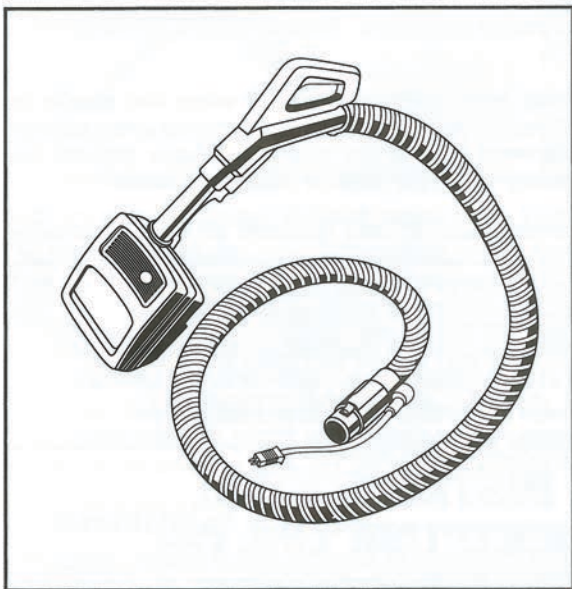
**SAVE THESE INSTRUCTIONS!
—FOR HOUSEHOLD USE ONLY—**

**WARNING: TO AVOID ELECTRICAL SHOCK
DO NOT USE OUTDOORS**

SERVICING

SERVICING OF DOUBLE-INSULATED APPLIANCE — In a double-insulated appliance, two systems of insulation are provided instead of grounding. No grounding means is provided on a double-insulated appliance, nor should a means for grounding be added to the appliance. Servicing a double-insulated appliance requires extreme care and knowledge of the system, and should be done only by qualified Rainbow service personnel. Replacement parts for a double-insulated appliance must be identical to the parts they replace. A double-insulated appliance is marked with the words “DOUBLE-INSULATION” or “DOUBLE-INSULATED.” The Symbol (square within a square) may also be marked on the appliance.

Any servicing other than cleaning should be performed by an authorized Rainbow service representative.



The Rainbow® Hose

- Use for wet & dry pickup.
- Supplied with the Rainbow.



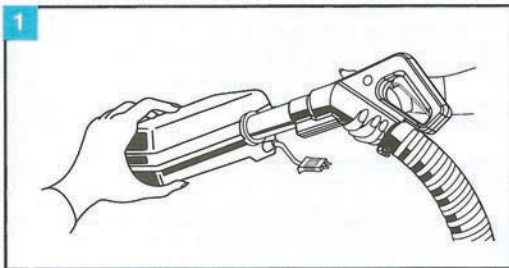
The Electrified Hose

- Use only for dry pickup. To avoid risk of electrical shock, never use to pick up water or any other fluids.
- Supplied with the Power Nozzle, and for use with the RainbowMate.

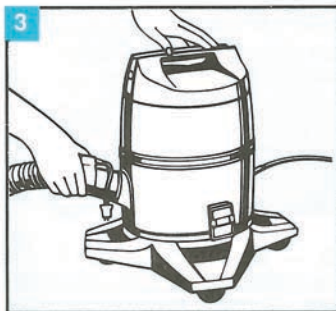
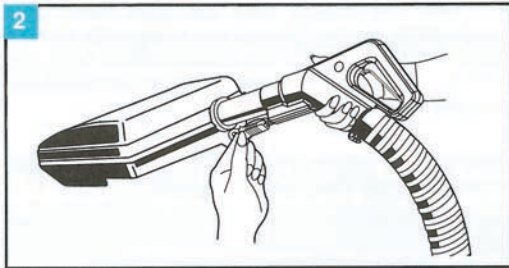
ASSEMBLY



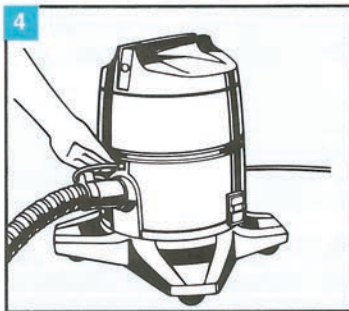
1 Push the metal wand (with handle attached) of the electrified hose into the opening in the back of the RainbowMate.



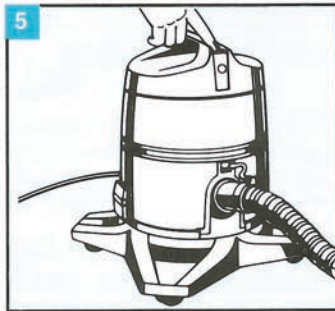
2 Insert the male plug from the RainbowMate into the receptacle in the electrified hose handle.



3 Insert the metal end of electrified hose into the air intake of the Rainbow Cleaner until it clicks.



4 Insert the male plug from the hose into the special receptacle in the Rainbow Cleaner as shown.



5 After the electrical connections are made, the ON/OFF switch on the Rainbow power unit will operate the Rainbow and squeezing the handle switch will operate the motorized RainbowMate. Snap switch on power unit to "ON" with a flick of the fingertips. To remove electrified hose, snap switch on power unit to "OFF," unplug from special receptacle on the Rainbow, press spot on coupling marked "PRESS," and pull from machine.

WARNING: To avoid risk of electrical shock, NEVER use the electrified hose (supplied with the Power Nozzle) to pick up water or any other fluids. Use ONLY the Rainbow hose, supplied with the Rainbow, for wet-pickup operations. Refer to page 4 for illustrations and descriptions of each hose. THE ELECTRIFIED HOSE CONTAINS ELECTRICAL WIRES.

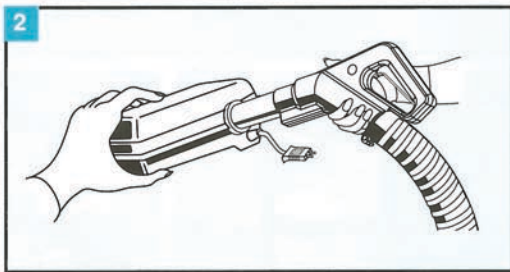
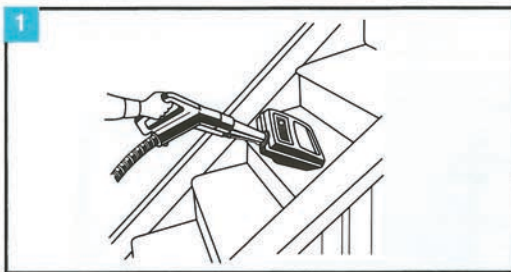
OPERATION AND CARE

Proper Use of the RainbowMate

1 With the machine at the left and to the rear, hold the handle with the right hand at a comfortable angle. Grasp the hose with the left hand and slowly guide the RainbowMate back and forth in smooth, easy strokes. Let the RainbowMate and the Rainbow Cleaner do the work.

2 To disengage the RainbowMate, first disconnect the Rainbow electric cord from the wall outlet. Then remove the cord from the electrified hose handle. Next grasp the RainbowMate with the left hand and separate the wand from the RainbowMate with a slight pull. If the RainbowMate does not come apart easily, use a slight twisting motion.

IMPORTANT: FOR COMPLETE OPERATING INSTRUCTIONS FOR THE RAINBOW CLEANER, REFER TO RAINBOW OPERATION MANUAL.



SERVICE INFORMATION: PLEASE READ VERY CAREFULLY.

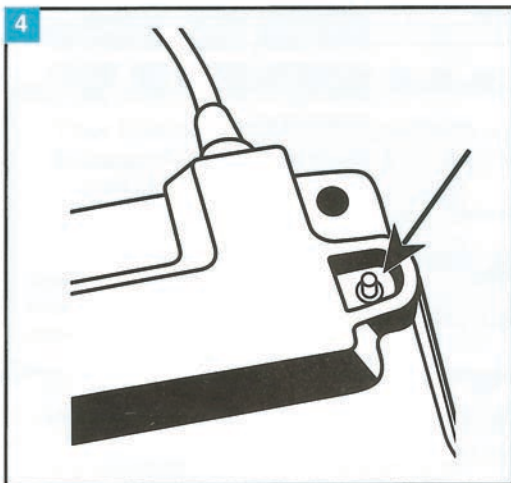
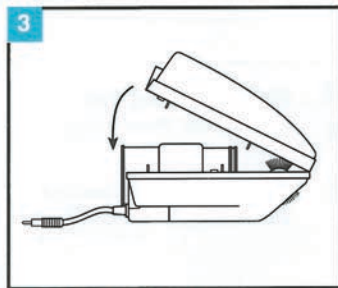
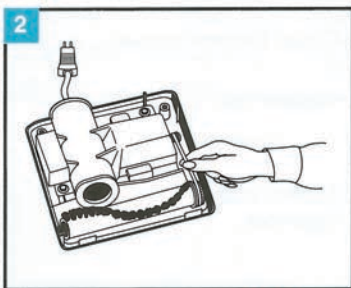
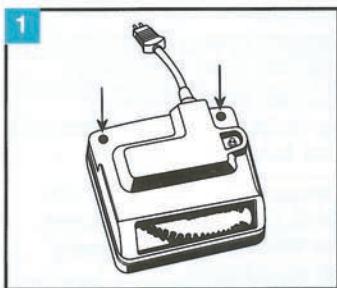
The performance of your new RainbowMate greatly depends upon home maintenance. The instructions given in this booklet will guide you in performing simple home maintenance. To obtain the most satisfying years of service, read through these instructions and keep them handy for future reference.

- Never pick up hard or sharp objects with the RainbowMate. Items such as pins, hairpins, tacks, crayons, and pencil stubs may damage the brush roll or break a belt.
- **DO NOT OIL MOTOR.** The motor is permanently lubricated.
- Use the RainbowMate on carpeting, upholstery, and floor rugs.
- **DO NOT USE ON BARE OR HARDWOOD FLOORS.**
- Use on dry surfaces only. **DO NOT USE OUTDOORS OR ON WET SURFACES.**

WARNING: To avoid risk of electrical shock, **NEVER** use the electrified hose (supplied with Power Nozzle) to pick up water or any other fluids. Use **ONLY** the Rainbow hose, supplied with the Rainbow, for wet-pickup operations. Refer to page 4 for illustrations and descriptions of each hose.

Replacing the RainbowMate Belt

- 1** NOTE: Be sure to disconnect unit from electrical supply. Using a screwdriver, remove the cover plate by removing the two screws from the bottom. Remove the beater bar assembly and the worn or broken belt from the motor pulley.
- 2** Loop the new belt around the motor pulley and slip the opposite loop of the belt around the brush roll pulley. Place the brush roll assembly back into the lower housing. Using the thumb and the finger, rotate the brush roll assembly to insure proper belt seating.
- 3** Place the cover over the lower housing by engaging the front snaps first, then snap the back edge into place. Turn the RainbowMate over and replace the two screws. NOTE: Be careful not to overtighten or cross-thread the screws.



4 RainbowMate Circuit Breaker

Each RainbowMate is protected against motor burnout by a resettable circuit breaker. In the event that the motor should become overloaded, the circuit breaker will open and automatically shut off the power to the motor. When this occurs the motor will stop running. NOTE - Be sure to read Note 2 in the Important Safeguard Section.

To Reset Circuit Breaker

1. Disconnect unit from the electrical supply.
2. Remove any object that may have stalled the brush roll.
3. Rotate the brush roll by hand to make sure it is not frozen in position.
4. Push reset button inward until it snaps.
5. Reconnect the RainbowMate to the electrical supply of the electrified hose handle.

OPERATIONS CHECKLIST

The Rainbow appliance was thoroughly tested and inspected at the factory. It was in good operating condition when shipped. If a minor problem develops, the following trouble shooting procedures may help identify and correct the problem with a minimum inconvenience.

PROBLEM	POSSIBLE CAUSE	POSSIBLE SOLUTION
A. Motor Not Running	<ol style="list-style-type: none">1. Handle Switch not activated2. Plug pulled loose from electrified hose handle.3. Circuit breaker tripped.	<ol style="list-style-type: none">1. Must squeeze actuator in electrified hose handle.2. Reconnect to electrified hose handle.3. Disconnect power, Check for obstruction, Push reset button.
B. Motor Running But Brush Not Revolving.	<ol style="list-style-type: none">1. Broken belt	<ol style="list-style-type: none">1. Disconnect power, Remove cover plate, Make sure brush rotates freely, Replace belt.
C. Brush Stopped (Cannot Be Rotated by Hand)	<ol style="list-style-type: none">1. Object lodged in brush chamber	<ol style="list-style-type: none">1. Disconnect power, Remove cover plate, Remove foreign object, Make sure brush rotates freely, Push reset button.
D. RainbowMate Not Picking Up Well	<ol style="list-style-type: none">1. Clogged air chamber2. Clogged wands or hose3. Bristles not in contact with carpet	<ol style="list-style-type: none">1. Disconnect power, Remove cover plate, Clear out entire air chamber, Sight through wand opening to be sure there are no obstructions.2. Disconnect power, Remove obstruction, Connect to Rainbow, Make sure air is flowing freely through hose.3. Make sure cover plate is hooked over front lip of housing, Replace brush assembly if bristles are worn too short.

NOTE: If the above solutions do not prove successful, call your Authorized Rainbow Distributor.



800-523-0510

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