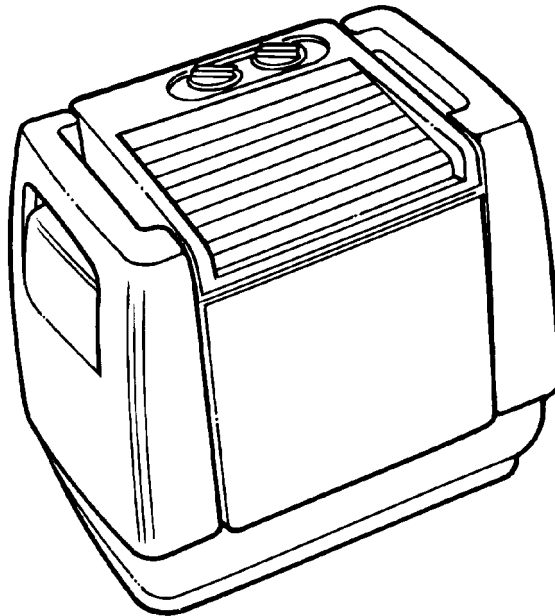


**CAUTION: Read all instructions carefully before installation.
Save this Owner's Manual for future reference.**



Model No. HD6000-2

EMERSON®

***MoistAIR™* HD6000
Evaporative Humidifier
Owner's Manual**

Limited Warranty

All products covered by this Owner's Manual are warranted against defects in workmanship and materials for one year from the date of sale except for motor, which is warranted for two years.

This warranty does not apply to damage from accident, misuse or alteration nor where the connected voltage is more than 5% above the nameplate voltage, nor to the equipment improperly installed or wired or maintained in violation of this Owner's Manual. No other written or oral warranty applies. No employee, agent, dealer or other person is authorized to give any warranties on behalf of Emerson Electric.

The customer shall be responsible for all costs incurred in the removal or reinstallation and shipping of the product for repairs. Within the limitations of this warranty, inoperative units should be returned, freight prepaid to a repair center and we will repair or replace, at our option, at no charge to you with return freight paid by Emerson. It is agreed that such repair or replacement is the exclusive remedy available from Emerson Electric Co. and that **Emerson Is Not Responsible For Damages Of Any Kind, Including Incidental And Consequential Damage**. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above exclusion or limitation may not apply to you.

The warranty gives you specific legal rights, and you may also have other rights which vary from state to state or province to province.

Sales receipt required as proof of purchase for warranty claims.

GENERAL SAFETY INSTRUCTIONS

Safety Signal Words

DANGER: means if the safety information is not followed, someone **will** be seriously injured or killed.

WARNING: means if the safety information is not followed, someone **could** be seriously injured or killed.

CAUTION: means if the safety information is not followed, someone **may** be seriously injured or killed.

1. To reduce the risk of fire or shock hazard, plug humidifier directly into a 120V, A.C. electrical outlet. Do not use extension cords.
2. Keep the electric cord out of traffic areas. To reduce the risk of fire hazard, never put the electric cord under rugs, near heat registers, radiators, stoves or heaters.
3. Always unplug the humidifier before moving it, before cleaning, or whenever the humidifier is not in service.

4. Keep the humidifier clean.
5. Do not put foreign objects inside the humidifier.
6. Never use your humidifier while any part is missing or damaged in any manner.
7. To reduce the risk of electrical hazard or damage to humidifier, do not tilt, jolt or tip humidifier while unit is running.
8. To reduce the risk of damage to humidifier, unplug humidifier, when water reservoirs are empty or when the humidifier is not in use.
9. To reduce the risk of accidental electrical shock, do not touch the cord or controls with wet hands.
10. Note the warning label shown below.

WARNING: To reduce risk of fire, electric shock, or injury always unplug before filling, servicing or cleaning.

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To Save a Service Call

Check the following if your humidifier will not operate.

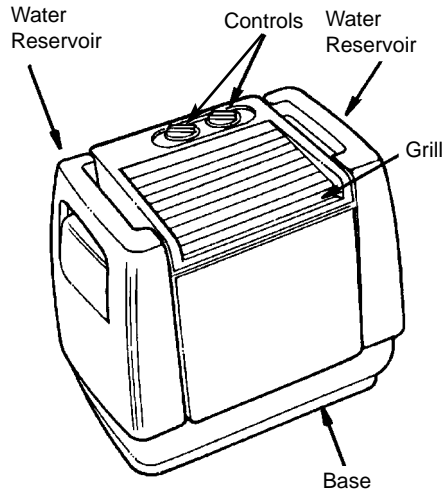
1. Is power cord attached to outlet?

2. Is there electrical power to outlet?
3. Is airflow control in operating position?
4. Is humidity control set high enough?

Know Your Humidifier

Description	HD6000
Output/24 hrs	6 Gallons (22.7 Litres)
Reservoir Capacity (each)	1.7 Gallons (6.4 Litres)
* Sq. Ft. Coverage	1300
Fan Speeds	3
Filters	1 (HDC-1)
Fill Light	No
Automatic Shut Off	No
Auto Humidistat	Yes
CUL Listed	Yes
Volts	120 A.C.
Hertz	60
Amps	1.14
Watts	65

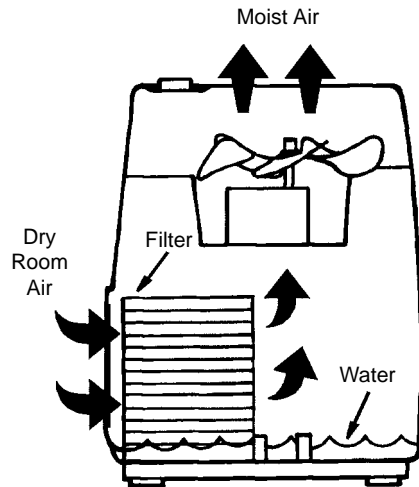
* Based on an area with average insulation and an 8 foot ceiling height.



Humidifier Operations

Your new *Moist AIR* humidifier is designed to satisfy home humidity requirements through the principle of evaporation of water into the air.

After water is added to the unit, the filter begins to soak up the water and become totally saturated in approximately 30 minutes. Air is drawn in from the back of the humidifier by means of a circulation fan and drawn through the filter. As air passes through the filter, moisture is absorbed by the air and then released in the form of vapor. No water droplets will enter the home. All evaporation into the air takes place in the humidifier, which means that the residue left by evaporating water is not passed into the home, but remains in the filter.



CAUTION: Use only EPA Registered Bacteriostat, available at your local store. Under no circumstances should you use water treatment products designed for Roto belt or Ultrasonic humidifiers.

CAUTION: Keep your humidifier clean. While humidifiers do not cause colds, some studies suggest that dirty humidifiers can cause cold-like symptoms in some people. To reduce the risk of this, we recommend you clean your humidifier weekly and use EPA registered bacteriostat treatment.

Location Instructions

WARNING: For your own safety, do not use humidifier if any parts are damaged or missing.

Step 1

Place humidifier in area of house where most humidity is needed, or one which would likely result in moist air being circulated throughout the house such as near a cold air return. Moist air (humidity) produced will disperse into the whole house, but area closest to the unit will have the highest humidity.

WARNING: To reduce the risk of shock, always unplug humidifier before moving it. Even turned off, a plugged in humidifier still has electricity in it.

Use the bottom of the base to lift and carry the humidifier as shown. Be sure the water reservoirs are properly attached before moving.

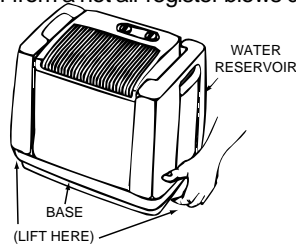
IMPORTANT: Keep the reservoirs tight against the housing between them. If you don't, the reservoirs may detach from the base. The

humidifier could come apart and fall.

Step 2

The humidifier should be positioned with the back (cord exit side), at least 2 inches away from the wall. Air needs to enter through louvers in the rear panel in order for the humidifier to operate at peak efficiency.

NOTE: Due to release of cool, moist air from humidifier, it is best to direct air away from home thermostat. It is best to position humidifier next to an inside wall. Hot air registers and cold air from outside walls can affect the efficiencies of the controls. Unit should not be placed where warm air from a hot air register blows directly on unit.



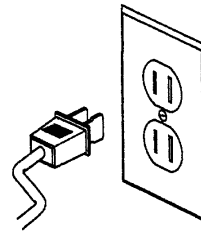
Electrical Hook-Up

Locate nearest 120V A.C. wall socket in the location desired, preferably on inside wall. Plug in the electrical cord.

WARNING: To reduce the risk of fire or shock hazard, do not use extension cords. Humidifier should be plugged directly into a 120V A.C. outlet.

To reduce the risk of electrical shock, this humidifier has a polarized plug (one blade is wider than the other). This plug will fit in a polarized outlet only one way. If the plug

does not fit fully in the outlet, reverse plug. If it still does not fit, contact a qualified electrician to install the proper outlet. Do not change the plug in any way.



Water Fill

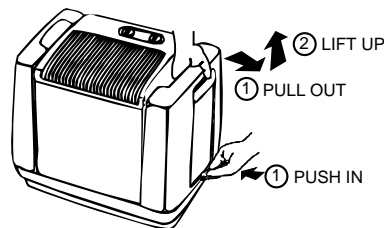
WARNING: To reduce the risk of shock, always unplug humidifier before cleaning or servicing.

Step 1

Remove water reservoir as shown. Pivot the reservoir away from the unit by pushing in at the bottom, and pulling the handle. This will disengage two locking tabs at the base of the reservoir.

Step 2

Lift the water reservoir vertically to remove from the unit.



Step 3

Remove the fill cap on **side** of the water reservoir by twisting counterclockwise.

Step 4

Place the hole in the water reservoir under a water faucet, and fill the water reservoir. Use only clear, cold water and if necessary EPA registered bacteriostat. Solid debris could make the valve leak.

Step 5

IMPORTANT: To avoid spillage and water overflow in this humidifier:

1. It is very important to fill the water reservoirs through the fill cap. **Do not** fill the water reservoir through the valve assembly cap.
2. When the water reservoir is full of water, replace the fill cap and hand tighten.
3. Grasp the water reservoir with one hand by the handle over a sink.
4. With your other hand, depress the spring loaded plunger in the valve assembly cap for approximately one second. This will allow some water to drain out of the water reservoir.
5. Release the plunger, the water should stop running out of the valve assembly cap.
6. Listen for air bubbles internally in the water reservoir. Also, look for water leaks around the fill cap.
7. If you hear air bubbles or see water leaks, retighten the fill cap and check for leaks again.

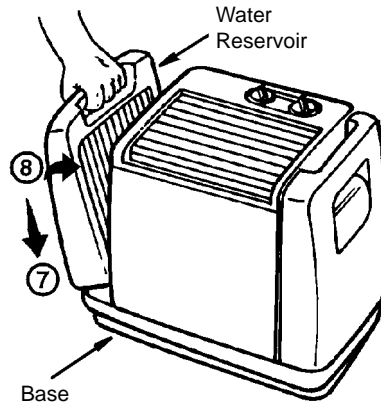
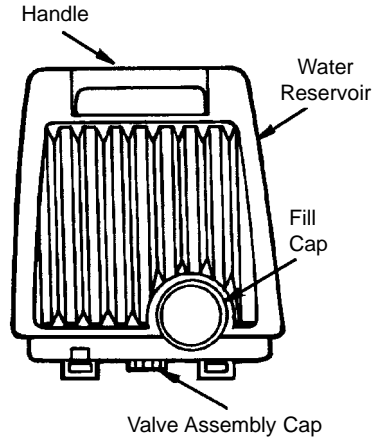
NOTE: Failure to follow the above procedures may result in unit overflowing with water.

Step 6

Wipe off any excess water from the bottle.

Step 7

To put water reservoir back in unit, grasp water reservoir. While holding water reservoir at an angle away from the unit, place lower portion of water reservoir in base so the water reservoir flange rests on the ledge of the base.



Step 8

Pivot the water reservoir towards unit until water reservoir is properly seated.

Step 9

Follow instructions 1 through 8 for filling of the other water reservoir.

WARNING: To reduce the risk of fire or shock hazard, do not pour or spill water into control or motor area. If controls get wet, let them dry completely and have unit checked by authorized service personnel before plugging in.

Operating Humidifier Controls

Humidity Control:

Adjust the amount of humidity depending on user's needs. The humidifier will turn on and off as required to maintain level of humidity you select. A medium setting is recommended, but there are times when a low or high amount of humidity may be preferred. For constant operation of humidifier, rotating the control knob all the way clockwise allows for the maximum amount of humidity to be evaporated into the air continuously.


IMPORTANT: Water damage may result if condensation starts to form on windows or walls. Humidity Control setting should be lowered until condensation no longer forms.

Using Your Humidifier



Step 1

Be sure the unit is full of water and plugged in.

Step 2

Set Air Flow Control knob  to desired position.

Step 3


Set Humidity Control to a medium position (half way between  and ).

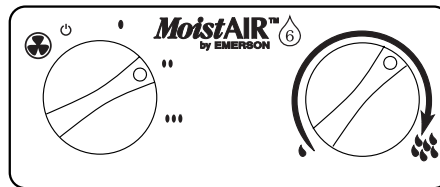
NOTE: Humidifier should operate with humidity control on the recommended medium setting. If it does not, the humidity is at a relatively high level. To test the unit under this condition, turn Humidity Control all the way clockwise and unit should begin to operate. After unit has been tested, set Humidity Control to medium or desired level.

Allow 24 hours for humidifier to adjust. If humidity level in home is sufficient, the humidifier will only operate with Humidity Control turned all the way clockwise.

IMPORTANT: Water damage may result if condensation starts to form on windows or walls. Humidity Control setting should be lowered until condensation no longer forms.

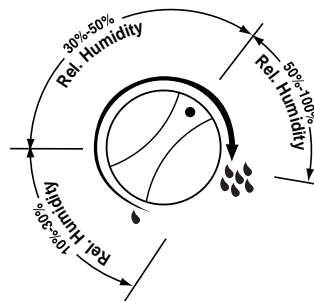
Air Flow Control:

The higher the air flow speed, the more water is evaporated and released into the air. Low speed () is the quietest and is provided for conditions that may not require as high an evaporation rate.



Step 4

If humidifier stops running the humidity level is at the normal requirements for that setting or it is adjusting to the home conditions. The Figure below shows approximate relative humidity percentages which correspond to the various settings of the Humidity Control. The table below shows recommended indoor humidity levels.



When Outdoor Temperature Is:	Recommended Indoor Relative Humidity Is:
-10°F	20%
0°F	25%
10°F	30%
20°F & above	35%

Cleaning of Humidifier

CAUTION: To reduce the risk of injury, fire or damage to humidifier, use only cleaners specifically recommended for humidifiers. Never use flammable, combustible or poisonous materials to clean your humidifier. To reduce the risk of scalds and damage to humidifier, never put hot water in humidifier.

CAUTION: Local water purity may vary from area to area and under certain conditions water impurities and airborne bacteria may promote the growth of microorganisms in the reservoir of a humidifier.

To retard bacteria growth that may cause odors and be harmful to your health, use only Emerson recommended filters. We also recommend using EPA approved bacteriostat available at your local store. Under no circumstances should you use water treatment products for Roto belt or Ultrasonic humidifiers. Clean your humidifier regularly.

Step 1

To make cleaning easier, the water reservoirs should be empty and the base should be completely dried out.

Set Humidity Control all the way clockwise and Air Flow Control to high. Run until base is dry.

Step 2

When unit is dry, rotate Humidity Control to off.

Step 3

Unplug humidifier, and proceed to clean.

WARNING: If humidifier is not unplugged, fan could start after housing is removed.

Step 4

To Remove Parts

Remove the water reservoirs as indicated in Step 1 of the "Water Fill" section in this owners manual, on page 4. Remove back grille

as shown on page 8, under Filter Replacement Instructions, Step 1-2.

Step 5

Before removing filter, we recommend moving the humidifier to an area where floor coverings are not susceptible to water damage, i.e., kitchen or bath area. Remove the filter from the unit, as shown on page 8, Steps 3-4, under Filter Replacement Instructions. Dispose of filters properly. Remove mineral deposits from the humidifier base by wiping with a clean damp cloth. NOTE: Do not use any type of cleaner on the filter.

Step 6

Install a new filter (Emerson HDC-1) into the location where the old filter was positioned as shown on page 8, Steps 5-6. Reattach grill to back of unit, as shown on page 8, Steps 7-8. Return the humidifier to the location wanted for use and install the filled water reservoirs. Plug the unit into a 120 volt A.C. power outlet and set the controls per the Operating Humidifier Controls section of this manual.

Bi-Weekly Maintenance Removing Scale

1. Fill the base with one 8oz. cup of undiluted white vinegar. Let solutions stay 20 minutes.
2. Clean all interior surfaces with a soft brush. Dampen a soft cloth with undiluted white vinegar and wipe out the base to remove scale.
3. Rinse thoroughly with clean warm water to remove scale and cleaning solution before disinfecting the base.

Disinfecting Water Reservoirs and Base

1. Fill water reservoir with 1 teaspoon chlorine bleach in 1 gallon water. Let solution stay 20 minutes, swishing every few minutes. Wet all surfaces.
2. Empty water reservoir after 20 minutes. Rinse with water until bleach smell is gone. Allow unit to dry out completely.
3. Repeat steps 1 thru 2 for other water reservoir and base.

Cleaning of Humidifier (continued)

End of Season Maintenance

1. Follow bi-weekly maintenance instructions at end of humidification season.
2. Remove and throw away filter.
3. Let humidifier dry completely before storing. Do not store with water inside water reservoirs or base.
4. Store in a cool, dry location.
5. Install a new filter in clean humidifier before next season begins.
6. "Bi-Weekly Maintenance" is recommended if you do not plan to run the humidifier for one week or longer.

Care of Filter

CAUTION: To help retard bacteria growth and maintain maximum efficiency, the filter should be replaced at least once a season, or more often under hard water conditions. Use Emerson HDC-1 replacement filter available at your local store or if in the USA call 1-800/654-3545 to order.

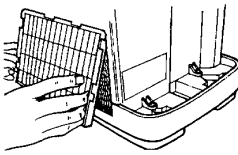
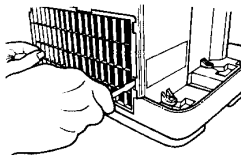
Filter may be rinsed in clear water only. Take care not to damage paper.

Filter Replacement Instructions

WARNING: Fan blade inside can start suddenly. To reduce the risk of shock, always unplug humidifier before cleaning, or servicing.

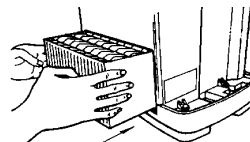
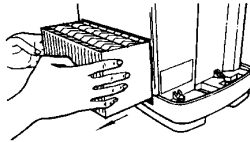
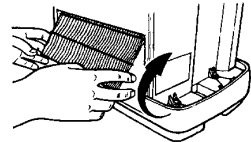
Step 1

Insert screwdriver into lower right slot between grille and housing as shown. Twist to open slot and pull grille to unsnap. Repeat for left side.



Step 2

Pull down and out to remove grille.



Step 3

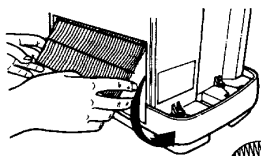
Grasp filter and rotate upward inside unit as shown.


Step 4

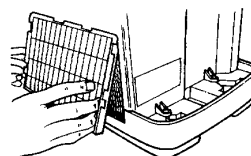
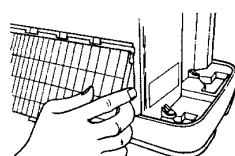
Remove filter from unit.

Step 5

With the new filter placed in the direction as shown, insert filter into unit.



Honeycomb 



Step 6

Again rotate filter upward into unit as shown (Note that the "Honeycomb" section should now be facing outward as shown).

Step 7

Align the top of the grille with the unit making sure that the three tabs of the grille are inside the wall of the unit.

Step 8

Push in on the lower left and right grille corners to snap grille into place.

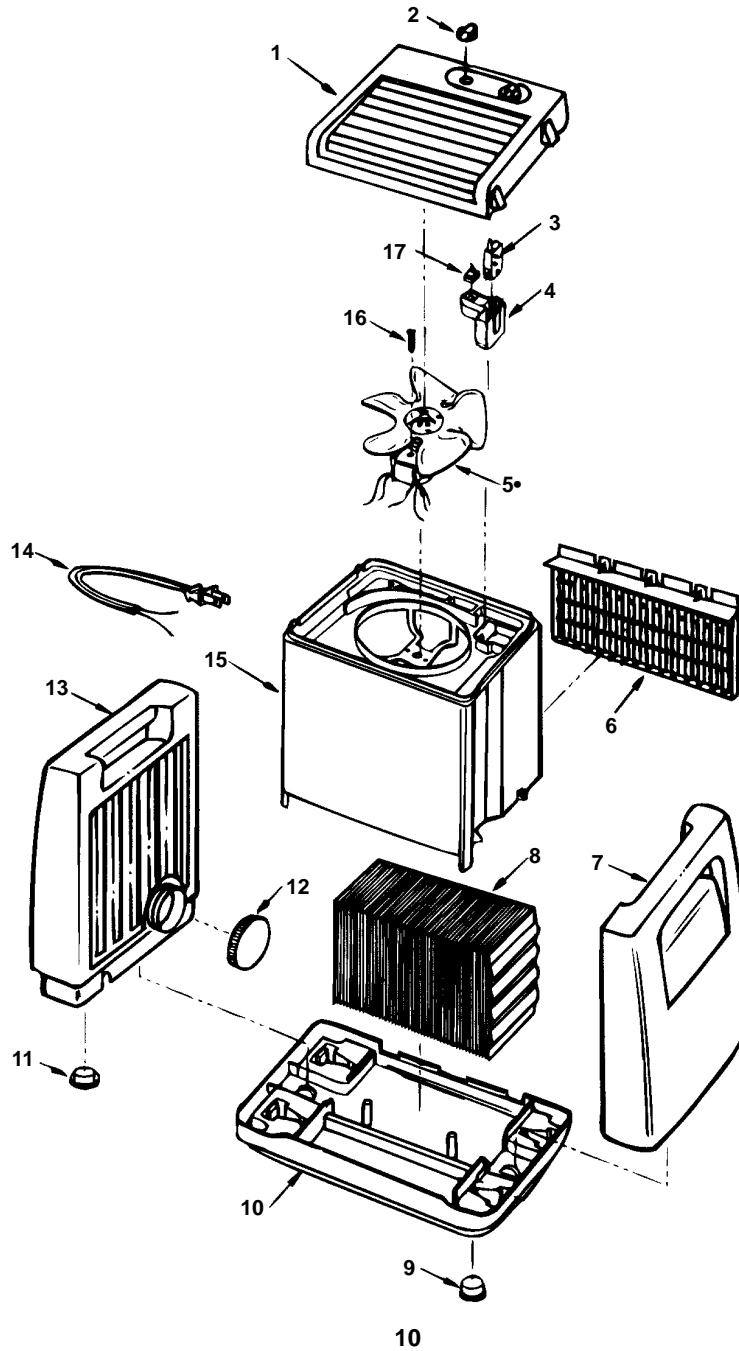
Troubleshooting

Trouble	Probable Cause	Remedy
Unit will not run.	<ul style="list-style-type: none"> • Selected humidity level is established. • No power. 	<ul style="list-style-type: none"> • Raise humidistat setting to test operation. • Check 120 volt source for power.
Unit will not dry out completely.	<ul style="list-style-type: none"> • High humidity or low temperature resulting in slow evaporation. 	<ul style="list-style-type: none"> • Turn humidity control clockwise and continue running until base becomes dry.
Reservoirs continue to empty.	<ul style="list-style-type: none"> • Air is entering water reservoirs. 	<ul style="list-style-type: none"> • Check caps to ensure tightness. • Check for leak in water reservoirs. • Ensure gaskets for caps are in place.
Unit is not emptying during use.	<ul style="list-style-type: none"> • Dirty filter. • Spring loaded plunger in valve assembly cap is not depressed. 	<ul style="list-style-type: none"> • Change to a fresh new filter. • Check to make sure water reservoirs are properly seated.

FOR TECHNICAL HELP
If in the USA call 1-800-654-3545
If in Canada call 1-888-744-4687

Repair Parts

Parts List For Emerson Humidifier Model No. HD6000-2



Repair Parts

Parts List for Emerson Humidifier Model No. HD6000-2

Key No.	Part No.	Description
1	823705-1	Grille
2	828381-1	Knob, Control
3	822409	Humidistat
4	822414	Housing, Control
5	509118	• Motor w/Fan Blade
6	822415-4	Grill, Wick Cover
7	509418	Bottle, Right (Includes Key No.'s 11&12)
8	HDC-1	† Filter, Evaporation
9	819012	Foot
10	824595-3	Base
11	509229-1	Cap, Valve Assembly
12	824690	Cap, Fill Assembly
13	509417	Bottle, Left (Includes Key Nos. 11&12)
14	821904	Cord w/Plug
15	824596	Housing
16	816069-2	Screw, Pan Hd TY "AB" #6 x 1-3/4
17	818983	Switch
18	SP6295	Owners Manual (Not Illustrated)

- Any attempt to repair this motor may create a **Hazard** unless repair is done by a qualified service technician. This assembly is factory aligned.

† Stock Item. May be purchased locally.

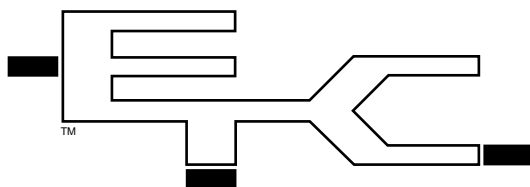
**TO ORDER PARTS CALL:
USA 1-800-654-3545
Canada 1-866-808-6500**

The model number will be found on the humidifier identification label.
Always mention the model number when requesting repair parts.

**FOR TECHNICAL HELP
If in the USA call 1-800-654-3545
If in Canada call 1-888-744-4687**

**For more information about Emerson *Moist AIR*™
humidifiers visit our website at
www.moistair.com**

FOR TECHNICAL HELP, CALL
(800) 654-3545 FROM USA OR (888) 744-4687 FROM CANADA
(Please have complete model number)



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Form. No. SP6295-1

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