



 **BIONAIRE**[®]

WARM MOISTURE humidifier
MODEL CP0260

Read instructions before operating. Retain for future reference.

Instruction Leaflet



INFO-LINE

If after having read this leaflet, you have any questions or comments on your humidifier, call **1-800-788-5350** in North America.

428-863

HUMIDIFIER SAFETY

PLEASE READ AND SAVE THESE IMPORTANT SAFEGUARDS.

IMPORTANT INSTRUCTIONS

When using electrical appliances, basic safety precautions should always be followed to reduce the risk of fire, electric shock, and injury to persons, including the following:

1. Read all instructions before using the appliance.
2. To avoid fire or shock hazard, plug the appliance directly into a 120 V AC electrical outlet.
3. Keep the cord out of heavy traffic areas. To avoid fire hazard, NEVER put the cord under rugs, near heat registers, radiator, stoves, or heaters.
4. DO NOT place humidifier near heat sources such as stoves, radiators, and heaters. Do locate your humidifier on an inside wall near an electrical outlet. The humidifier should be at least 4" away from the wall for best results.
5. NEVER place humidifier in an area where it is accessible to children. NEVER use humidifier in a closed room, particularly where a child may be sleeping, resting, or playing (a closed room may result in excessive humidity).
6. WARNING: Do not attempt to refill humidifier without first unplugging the unit from its electrical outlet. Failure to heed this warning may cause personal injury. Be sure to pull by the plug and not the cord.
7. NEVER drop or insert any object into any openings. DO NOT place hands, face, or body directly over or near Outlet Grill while unit is in operation. DO NOT cover Outlet Grill or place anything over it while the unit is operating.
8. DO NOT operate any appliance with a damaged cord or plug, after the appliance malfunctions, or if it has been dropped or damaged in any manner. Return appliance to manufacturer for examination, electrical or mechanical adjustment, or repair.
9. Use appliance only for intended household use as described in this manual. Any other use not recommended by the manufacturer may cause fire, electric shock, or injury to persons. The use of attachments not recommended or sold by Bonaire® may cause hazards.
10. DO NOT use outdoors.

11. Always place humidifier on a firm, flat, level surface. A waterproof mat or pad is recommended for under the humidifier. NEVER place it on a rug or carpet, or on a finished floor that may be damaged by exposure to water or moisture.
12. DO NOT allow the Outlet Grill to directly face the wall. Moisture could cause damage, particularly to wallpaper.
13. Humidifier should be unplugged when not in use.
14. NEVER tilt, move, or attempt to empty unit while it is operating. Shut off and unplug before removing the water tank and moving the unit. DO NOT attempt to remove the water tank within 15 minutes after the humidifier is turned off and unplugged. Serious injury may result.
15. This humidifier requires daily and weekly maintenance. Refer to daily and weekly cleaning procedures.
16. NEVER use detergents, gasoline, glass cleaner, furniture polish, paint thinner, or other household solvents to clean any part of the humidifier.
17. Excessive humidity in a room can cause water condensation on windows and some furniture. If this happens, turn the humidifier OFF.
18. DO NOT attempt to repair or adjust any electrical or mechanical functions on this unit. Doing so will void your warranty. The inside of the unit contains no user serviceable parts. All servicing should be performed by qualified personnel only.

PLEASE SAVE THESE INSTRUCTIONS.

CONSUMER SAFETY INFORMATION



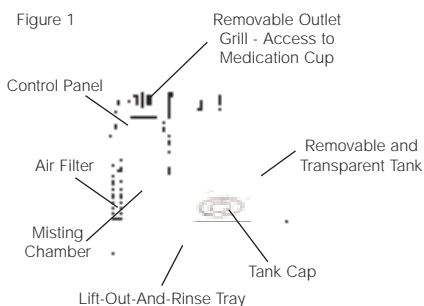
This product is for use on 120 volts. The cord has a plug (A) as shown. An adapter (C) is available for connecting three-blade grounding-type plugs to two-slot receptacles (B). The green grounding plug extending from the adapter must be connected to a permanent ground such as a properly grounded outlet box. The adapter should not be used if a three-slot grounded receptacle is available.

DO NOT DEFEAT THE SAFETY PURPOSE OF THIS GROUNDED PLUG IN ANY WAY.

The length of cord used on this appliance was selected to reduce the hazards of becoming tangled in, or tripping over a longer cord. If a longer cord is necessary an approved extension cord may be used. The electrical rating of the extension cord must be equal to or greater than the rating of the humidifier. Care must be taken to arrange the extension cord so that it will not drape over the countertop or tabletop where it can be pulled on by children or accidentally tripped over.

HOW YOUR WARM MOISTURE HUMIDIFIER WORKS

Lack of humidity in the air, often caused by winter heating, can dry out your nose, throat and skin. Excessive dryness can also damage furniture, carpets and fabrics. Warm Moisture humidifiers put moisture back into the air you breathe to help relieve sinus and respiratory discomforts, reduce annoying static electricity and provide a healthy growing environment for your indoor plants.



Water is fed from the tank into a removable tray in which a constant water level is maintained. This tray collects some of the minerals that form on the heating element. The minerals can be rinsed from the tray when the tank runs out of

water (See "Cleaning and Maintenance"). Air is drawn in through the grill openings and air filter located on the side of the unit and mixes with steam in the misting chamber. The warm mist is then dispersed out of the top of the misting chamber through the outlet grill.

The unit is conveniently refilled with water by taking only the removable water tank to a water tap. A suitable medication can be placed in the medication cup and warmed.

CONTROL PANEL

Figure 2



POWER Light-When illuminated, indicates that the power is on.
LOW WATER INDICATOR Light ("EMPTY/CLEAN") - When illuminated, indicates that the water tank needs

refilling and/or that the tray and heating element need cleaning. See the "Cleaning and Maintenance" section for more information.
AUTOMATIC HUMIDISTAT Control - This control allows you to select the desired humidity level which will automatically

be maintained while the unit is in operation.

RESET Button ("RESTART") - This control resets the humidifier after it has shut down due to an empty water tank or after it has been cleaned. The "RESTART" button needs to be pressed after each filling/ cleaning. The "EMPTY/CLEAN" light will remain illuminated after refilling until the "RESTART" button is pressed.

OPERATING INSTRUCTIONS

1. Place your humidifier in the desired location. A hard, level, waterproof surface is necessary for proper operation. Do not place your humidifier on any surface that could be damaged by water droplets.
2. Check that the Automatic Humidistat control is in the "OFF" position.
3. Remove the water tank and fill it with water as directed under the heading "Filling the Water Tank." Make sure that the removable tray is in place and the misting chamber is latched. Place the water tank back in the unit and allow one minute for the water to fill the tray.
4. Plug the power supply cord into the most convenient 120V AC wall outlet.
5. Turn your humidifier on by rotating the Automatic Humidistat control to your desired comfort level. For details, see the section titled "Setting the Automatic Humidistat Control."
6. When all the water in the tank has been used, the "EMPTY/CLEAN" light will illuminate. After refilling the tank, it is necessary to press the "RESTART" button to reactivate the humidifier; this will also extinguish the "EMPTY/CLEAN" light.

Note: Allowing your humidifier to run out of water before filling the tank helps to self-clean the heating element.

SETTING THE AUTOMATIC HUMIDISTAT CONTROL

Adjust the Automatic Humidistat control as desired. The unit has been designed to operate within a range of approximately 20% to 80% R.H. (Relative Humidity). The most favorable setting for home or office environments is 40% to 45% R.H.

To monitor the actual humidity level in a room, we recommend the use of a humidity meter such as the Bonaire® BT400 or BT254 Digital Humidity and Temperature Monitor.

The Automatic Humidistat works in the following manner:

- Whenever the humidity in the room is less than the level you have set, moist air is dispersed from the outlet grill.

- Once the humidity level is reached, the unit stops producing moist air, until the humidity drops below the preset level, at which time it once again starts to produce moist air.

When attempting to humidify large areas with large amounts of air circulation, the Automatic Humidistat control can normally be left in the high position (control turned completely to the right). However, in small areas, or those which have minimal air circulation, a lower setting will be necessary. Your personal comfort will determine the best setting for you. If moisture forms on walls or windows, lower the setting or turn off the humidifier.

FILLING THE WATER TANK

Figure 3



When the water tank is empty, the "EMPTY/CLEAN" light will illuminate and no moist air will be produced until the water tank is refilled.

1. Switch the humidifier off.
2. Lift out the tank and carry it to a water tap.
3. Twist the tank cap counter-clockwise approximately 1/4 turn. The cap should now lift away.
4. Fill the tank with cool tap water.
5. Replace the tank cap, making sure the large O-ring is in its correct position.
6. Carry the full tank with both hands and carefully replace it into your humidifier. Wait a few minutes for the tray to refill.
7. Turn the unit back on.
8. Press the "RESTART" button. The "EMPTY/CLEAN" light should extinguish and moist air will be emitted within a few minutes.

Note: At maximum setting, the tank may last up to 25 hours. At minimum setting, the tank may last up to 50 hours. Do not add any additives to the water in the tank or tray.

WARNING: All cleaning agents must be thoroughly rinsed away after use and before the unit is returned to service.

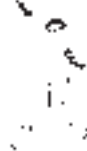
USING THE MEDICATION CUP

A medicated vapor can be distributed with the "mist" output.

To add medication to the vapor:

1. Switch humidifier off and allow outlet grill to cool down.
2. Lift the outlet grill using the finger grips on each side and remove.

Figure 4



3. Remove the medication cup from the misting chamber.
4. Carefully add liquid medication; do not fill cup more than half full.
5. Carefully place the medication cup into the top of the misting chamber.
6. Replace the outlet grill onto the misting chamber.
7. Switch unit on.
8. After use, remove the cup from the unit and clean any residue from the cup with warm water.

WARNING: DO NOT use any liquid medication other than those specifically recommended for use with a steam vaporizer. DO NOT pour medication directly into the outlet grill openings nor add it to the water in the tank or tray.

CLEANING THE AIR FILTER

The air intake filter will from time to time require cleaning. When the filter becomes clogged with particulate pollutants, the amount of air that passes through it is reduced. In order to avoid this condition, it is recommended to clean the filter on a regular basis. The frequency of cleaning of the filter will be determined by the amount of particulates in the environment

Figure 5



where the unit is used. Should your filter need to be replaced, or become damaged or lost, replacements may be ordered directly from BIONAIRE® by visiting our website at www.bionaire.com or calling 1-800-788-5350.

The filter is located behind the inlet grill cover on the side of the unit.

To remove the filter for cleaning, proceed as follows (see Figure 5):

1. Open the filter cover by pulling on the two finger grips on each side of the grill, then remove to expose the filter pad.
2. Remove the dirty filter and wash in warm soapy water. Rinse well and allow to dry.
3. Clean the filter cover with a damp cloth.
4. Insert the clean, dry filter in the recess of the inner grill.
5. Carefully replace the inlet grill cover so as not to dislodge the filter from its position by first inserting the two tabs at the bottom of the grill and then closing the top edge.

CLEANING AND MAINTENANCE

Before cleaning, please note the following:

- DO NOT use soap, detergents, abrasives, gasoline, glass or furniture polish, or boiling water to clean any part of your humidifier. These will interfere with the proper operation of your humidifier.
- DO NOT use sharp or metal objects to clean mineral deposits in the tray or element. Contact with sharp objects can result in damage to the plastic.
- We recommend that the tray be rinsed daily and that the unit be allowed to run out of water every second day.
- Mineral deposits should be soaked in BIONAIRE®'s Clean-Away® solution or plain vinegar. DO NOT operate unit while it is soaking!
- DO NOT clean any part of your humidifier in the dish washer.
- NEVER mix bleach and Clean-Away® solution.

Cleaning instructions:

1. Turn the unit off and unplug it.
2. Remove the water tank; then, unlock the misting chamber by rotating the latch (Figure 6) and lift it from the unit's base. Now lift the tray from the base (Figure 7).

Figure 6

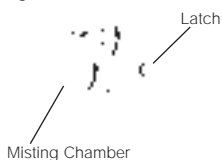
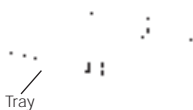


Figure 7



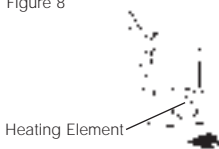
3. Empty water and minerals from the tray and fill with Clean-Away® solution. Replace the tray and misting chamber in the base. (This will submerge the element in the cleaning solution). Soak for a minimum of 20 minutes to a maximum of 30 minutes.
4. Rinse the tray and heating element with clean warm water. All traces of Clean-Away® on both the element and the tray must be thoroughly rinsed off before disinfecting. Inspect the heating element (see Figure 8) for scale buildup. If present, please see "Special Maintenance - Heating Element" for further cleaning instructions.

NOTE: DO NOT ALLOW WATER TO ENTER THE AIR OUTLET GRILL OR ANY OTHER OPENINGS.

5. Disinfect the water tank and tray using a solution of one teaspoon of chlorine bleach in 1 gallon of water. Let solution soak for 20 minutes, swishing every few minutes to wet all surfaces. Empty the tank and tray; rinse thoroughly until bleach smell is gone. Replace the tray in the base (Figure 7), then replace the misting chamber in the unit, making sure that the latch has been locked in position. Fill the tank with fresh water and replace it into the unit.
6. Resume normal use.

SPECIAL MAINTENANCE - HEATING ELEMENT

Figure 8



Should the output drop or the "EMPTY/CLEAN" light illuminate with water remaining in the tank, it will be necessary to remove scale buildup on the heating element. Remove the misting chamber by rotating the latch

and lift it from the unit's base. Place the misting chamber on its side. The heating element will now be visible (Figure 8). Using a non-metallic brush, scrape away the scale buildup on the element. Follow steps 3-6 to complete cleaning.





Note: The above special maintenance is required due to water hardness. The harder your water, the more often this special maintenance will be needed.

AFTER SEASON CARE

If you do not plan to use your humidifier for an extended period of time (i.e. during the summer months), it is important that you follow these instructions to help prevent stagnation of water in the unit.

1. Clean your humidifier as instructed in the section titled "Cleaning and Maintenance".
2. Make sure all water is emptied from the tank and tray.
3. Dry your unit thoroughly.
4. Leave the tank cap off allowing the tank to be exposed to air.
5. Store humidifier in a cool, dry location. Bonaire® recommends storing the unit in its original box.

TROUBLESHOOTING

TROUBLE	PROBABLE CAUSE	SOLUTION
Power light not illuminated.	 <ul style="list-style-type: none"> ✦ Unit not plugged in. ✦ Power failure. 	<ul style="list-style-type: none"> ✓ Plug in unit. ✓ Check circuit breaker or fuse.
"EMPTY/CLEAN" light illuminated.	 <ul style="list-style-type: none"> ✦ Scale buildup in tray. ✦ Water tank empty. ✦ Unit not reset after refilling tank. ✦ Scale buildup on heating element. 	<ul style="list-style-type: none"> ✓ Remove and refill. ✓ Remove tray and flush out scale residue. ✓ Press "RESTART" button. ✓ Remove scale from heating element. ✓ Allow unit to run out of water before refilling tank.
Moist air output low.	 <ul style="list-style-type: none"> ✦ Scale buildup in tray. ✦ Scale buildup on heating element. 	<ul style="list-style-type: none"> ✓ Remove tray and flush out scale residue. ✓ Remove scale from heating element.
Water leaks from unit.	 <ul style="list-style-type: none"> ✦ Tank O-ring missing or improperly placed. 	<ul style="list-style-type: none"> ✓ Remove tank cap and replace or reposition O-ring.

SERVICE INSTRUCTIONS

1. Do NOT attempt to repair or adjust any electrical or mechanical functions on this unit. Doing so will void the warranty. The inside of the unit contains no user serviceable parts. All servicing should be performed by qualified personnel only.
2. If you need to exchange the unit, please return it in its original carton, with a sales receipt, to the store where you purchased it. If you are returning the unit more than 30 days after the date of purchase, please see the enclosed warranty.
3. Should your humidifier require service, please call 1-800-788-5350 in North America for further assistance.
4. If you have any other questions or comments, feel free to write to us:

 **BIONAIRE™**

PO Box 400
Milford, MA 01757
USA

 **BIONAIRE™** Canada

6385 Shawson Drive
Mississauga, Ontario
Canada, L5T 1S7

Visit our website at www.bonaire.com

WARRANTY

Bonaire® warrants to the first retail purchaser, for TWO (2) YEARS from the date of original purchase, either to repair or replace at its option, without charge (parts and labor), any supplied or manufactured part of this humidifier which, upon inspection by an authorized service center, proves to have failed in normal use due to defects in material or workmanship, or, at its option, to replace the unit.

Operation under conditions other than those recommended or at voltages other than the voltage indicated on the unit, or any attempts by unauthorized personnel to service the unit or modify it, will render the guarantee void.

Bonaire® shall not be liable for any personal injury, property damage or any incidental or consequential damages of any kind (including water damage), resulting from defects, malfunctions, misuse, improper installation or alteration of the product.

BIONAIRE® EXPRESSLY DISCLAIMS ALL RESPONSIBILITY FOR CONSEQUENTIAL DAMAGES OR INCIDENTAL LOSSES CAUSED BY USE OF THIS PRODUCT.

The provisions of this warranty are in addition to, and not a modification of, or subtraction from the statutory warranties and other rights and remedies contained in any applicable legislation and to the extent that any such provision purports to disclaim, exclude or limit any such statutory warranties or other rights or remedies, such provisions shall be deemed to be amended to the extent necessary to comply therewith.

For Warranty Service, please call 1-800-788-5350 in North America.

A Bonaire® consumer service representative will help determine which is the best procedure in order for your humidifier to be repaired.

KEEP THIS NUMBER FOR FUTURE REFERENCE.

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