

WEEKLY MAINTENANCE

Remove Scale:

- Repeat steps 1-4 above.
- Clean the base by partially filling the base with one 8-oz cup of undiluted white vinegar, or use Clean-Away™ by Bonaire®. Let solution stand 20 minutes, cleaning all interior surfaces with a soft brush. Dampen a cloth with undiluted white vinegar and wipe out entire base to remove scale.
- Rinse with clean warm water to remove scale and the white vinegar solution before beginning to disinfect the reservoir.

DISINFECT HUMIDIFIER BASE AND RESERVOIR

- Fill humidifier base with 1/4 gallon of water and 1/2 teaspoon of chlorine bleach.
- Fill the reservoir 1/2 full with water and 1/2 teaspoon of chlorine bleach.
- Let the solution stand for 20 minutes, swishing every few minutes. Wet all surfaces.
- Carefully empty the base and reservoir after 20 minutes, and rinse with water until you cannot detect any bleach smell. Dry with a clean cloth or paper towel.
- Check the Filter Monitor to see if it is time to replace the filters. Depending on water hardness in your area, it may be necessary to change the filter every 1-2 months. Re-insert the wick filters into the wick frame.
- Refill the water tank as directed with cool tap water, replace the humidifier housing, and turn the unit on.

STORAGE INSTRUCTIONS

If your humidifier will not be in use for two days or more, or at the end of the season follow these instructions.

- Clean and dry the humidifier thoroughly as per the "Weekly Maintenance" instructions.
- Let the humidifier dry completely before storing. Do not store with water inside the base or water reservoir.
- Remove the reservoir cap. Do not store with the reservoir cap in place.
- Throw away the wick filters. Do not leave wick filters inside the humidifier.
- Store in a cool dry location.
- Order your new filters so they will be ready for next season.

SERVICE INSTRUCTIONS

- 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.
- 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.
- Should your humidifier require service, please call **1-800-253-2764** in North America for further assistance.
- If you have any other questions or comments, feel free to write to us or visit our website **www.bonaire.com**

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303 Nelson Avenue
Neosho, MO 64850

Fig. 4

Frequently Asked Questions	
Question	Answer
• What are the variables that affect run time?	<ul style="list-style-type: none"> ✓ The estimated run time for this humidifier is based on average room conditions. The actual run time of your humidifier is dependent on numerous variables such as: <ul style="list-style-type: none"> ✓ Air exchange in the room where the humidifier is placed. ✓ Room construction of the room where the humidifier is placed. ✓ Temperature of the room where the humidifier is placed. ✓ Humidity levels in the room where the humidifier is placed. ✓ Movement of occupants and the opening and closing of doors in the room where the humidifier is placed. ✓ Home furnishings in the room where the humidifier is placed.
• How do I remove film on water tank?	<ul style="list-style-type: none"> ✓ See Daily Maintenance instructions. Regular cleaning is recommended.
• How can I extend the run time?	<ul style="list-style-type: none"> ✓ Run your unit on the lowest setting. ✓ If your unit has electronics, set it to your desired humidity level. The unit will turn on and off, which will extend the run time. ✓ Fill the tank all the way full, place it on the base, let the water empty into the base until it stops bubbling, then refill the tank full again. This ensures maximum water capacity and will extend run time.

Fig. 5

Troubleshooting for your Cool Mist Humidifier		
Trouble	Probable Cause	Solution
• LED 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 outlet.
• Mist output minimal to none.	<ul style="list-style-type: none"> ✗ Filter has not absorbed water. ✗ Mineral buildup in base. ✗ Humidistat is set too low. ✗ Permanent Filter needs to be replaced. ✗ Normal operation. 	<ul style="list-style-type: none"> ✓ Wait 15 minutes before starting humidifier. ✓ Regular cleaning of tray after each use will help keep the unit functioning properly. ✓ Set the humidistat to high. ✓ Replace your wick filter (BWF100-P) by calling 1-800-253-2764, or visit www.bonaire.com. ✓ Mist is invisible. ✓ Check to see if inlet or outlet grills are blocked.
• Water leaks from water reservoir.	<ul style="list-style-type: none"> ✗ Rubber O-ring is missing or improperly placed. ✗ Reservoir Cap not tight enough. 	<ul style="list-style-type: none"> ✓ Remove reservoir cap then replace or reposition ring. ✓ Tighten the reservoir cap.
• Water Filter turns brown.	<ul style="list-style-type: none"> ✗ Your filter needs to be cleaned. ✗ In areas with particular hard water your wick filter will need to be changed frequently. 	<ul style="list-style-type: none"> ✓ Follow filter cleaning instructions located in this manual. ✓ Use Clean-Away™ Solution (DMS216), to order call 1-800-253-2764, or visit www.bioaire.com.
• Film on water reservoir.	<ul style="list-style-type: none"> ✗ Mineral deposits cause film on tank to build up. 	<ul style="list-style-type: none"> ✓ Follow filter cleaning instructions located in this manual.
• Water cloudy.	<ul style="list-style-type: none"> ✗ Filter needs to be washed. ✗ Using warm water to refill reservoir. 	<ul style="list-style-type: none"> ✓ Refill using cool water.
• Humidistat cycles on/off.	<ul style="list-style-type: none"> ✗ Humidifier is reacting to room humidity level. 	<ul style="list-style-type: none"> ✓ Set the humidistat to a higher or lower setting.
• Very tight reservoir cap.	<ul style="list-style-type: none"> ✗ Over tightened. 	<ul style="list-style-type: none"> ✓ Add liquid soap or petroleum jelly to cap gasket to ease opening.

TWO (2) YEARS LIMITED WARRANTY

SAVE THIS WARRANTY INFORMATION

- A. This Warranty applies only to the original purchaser of this product.
- B. This Warranty applies ONLY to repair or replacement of any supplied or manufactured parts of this product that, upon inspection by JCS/THG, LLC authorized personnel, is shown to have failed in normal use due to defects in material or workmanship. JCS/THG, LLC will determine whether to repair or replace the unit. This Warranty does not apply to installation expenses.
- C. Operating this unit under conditions other than those recommended or at voltages other than the voltage indicated on the unit, or attempting to service or modify the unit, will render this WARRANTY VOID.

D. Unless otherwise proscribed by law, JCS/THG, LLC shall not be liable for any personal injury, property or any incidental or consequential damage of any kind resulting from malfunctions, defects, misuse, improper installation or alteration of this product.

- E. All parts of this product excluding filters, which are covered under separate warranty, are guaranteed for a period of 2 years as follows:

- Within the first 30 days from date of purchase, the store from which you purchased your product should replace this product if it is defective in material or workmanship (provided the store has in-stock replacement.) If you intend to assert any claim in connection with the product, please follow the instructions in paragraph F.
- Within the first 24 months from date of purchase, JCS/THG, LLC will repair or replace the product if it is defective in material or workmanship, subject to the conditions in paragraph G.

- F. If you have any other problem or claim in connection with this product, please write to our Consumer Service Department.

- G. IMPORTANT RETURN INSTRUCTIONS. Your Warranty depends on your following these instructions if you are returning the unit to JCS/THG, LLC:

- Carefully pack the item in its original carton or other suitable box to avoid damage in shipping.
- Before packing your unit for return, be sure to enclose:
 - Your name, full address with zip code and telephone number

- A dated sales receipt or PROOF OF PURCHASE,
 - Your \$12.50 check for return shipping and handling, and
 - The model number of the unit and the problem you are having. (Enclose in an envelope and tape directly to the unit before the box is sealed.)
- JCS/THG, LLC recommends you ship the package U.P.S. ground service for tracking purposes.
 - All shipping charges must be prepaid by you.

Bonaire
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SHIPPING AND HANDLING CHARGES: \$12.50 (USD)

This Warranty gives you specific legal rights, and you may have other rights which vary from state to state. 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. To the extent that any provision of this Warranty is inconsistent with any applicable law, such provision shall be deemed voided or amended, as necessary, to comply with such law.

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BCM552106EM1

Printed in China

BIONAIRE

Digital COOL MIST
Humidifier with
Permanent Filter

MODEL BCM5521



Filter: BWF100-P

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 air humidifier, call **1-800-253-2764** in North America.

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▲ HUMIDIFIER SAFETY

PLEASE READ AND SAVE THESE IMPORTANT SAFETY INSTRUCTIONS

IMPORTANT SAFEGUARDS

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 120V AC electrical outlet.
3. Keep the cord out of heavy traffic areas. To avoid fire hazard, NEVER put the cord under rugs or near heat registers.
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 unplug the unit by pulling on the plug and not the cord.
7. Never place anything over moisture outlet when the unit is running.
8. NEVER drop or insert any object into any openings. DO NOT place hands, face or body directly over or near Moisture Outlet while unit is in operation. DO NOT cover Moisture Outlet while the unit is operating.
9. 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.
10. 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 the manufacturer may cause hazards.
11. DO NOT use outdoors.
12. Always place humidifier on a firm, flat, level surface. A waterproof mat or pad is recommended for use 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.
13. DO NOT allow the Moisture Outlet to directly face the wall. Moisture could cause damage, particularly to wall paper.

14. Humidifier should be unplugged when not in use.
15. 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. If you have a warm mist humidifier, DO NOT attempt to remove the water tank within 15 minutes after the humidifier is turned off and unplugged. Serious injury may result.
16. This humidifier requires daily and weekly maintenance to operate appropriately. Refer to daily and weekly cleaning procedures. Use only cleaners and additives recommended by the manufacturer. Never use 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 use humidifier in an area where humidity level is in excess of 50%. Use a hygrometer, available at your local retailer or through the manufacturer to measure the humidity.
19. 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.
20. Never place housing under water flow, or immerse in liquids.
21. DO NOT plug in the cord with wet hands, electric shock could result.
22. DO NOT pour water in any openings other than the water tank.
23. If you have a warm mist humidifier, allow unit to cool before refilling water tank or maintenance as the heater bulb is hot.
24. To prevent damage to surfaces, do not place humidifier under overhanging surfaces.
25. NEVER operate unit without water in the tank.
26. Use both hands when carrying full tank of water.

PLEASE SAVE THESE INSTRUCTIONS

CONSUMER SAFETY INFORMATION



THIS PRODUCT IS EQUIPPED WITH A POLARIZED PLUG (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. If the plug does not fit fully into the outlet, reverse the plug. If it still does

not fit, contact qualified personnel to install the proper outlet.

DO NOT DEFEAT THE SAFETY PURPOSE OF THIS POLARIZED 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 COOL MOISTURE HUMIDIFIER WORKS

Your Bonaire® Cool Moisture humidifier draws dry air through the rear air intake grill area. This air is then passed through 4 moisture-laden wick filters which retains the minerals and deposits. The resulting moist air is directed back into the room from the top air grill.

☛ **Tip:** This humidification system provides a cool, invisible moisture output. It is normal not to see the mist.

PRE-OPERATING INSTRUCTIONS

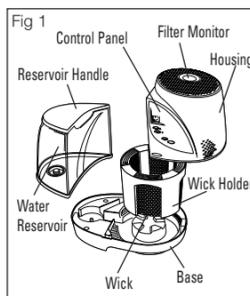
1. Be sure the humidifier is switched off and disconnected from the electrical outlet.
2. Select a location for your humidifier, on a flat surface, about 4" away from the wall. Do not place your humidifier on furniture, a floor location that will not be damaged by moisture is best.
3. Remove the water reservoir, by holding the reservoir handle and lifting straight upwards.

FILLING THE WATER RESERVOIR

1. Twist off the water reservoir cap located on the bottom of the water reservoir by turning counter clockwise and fill the water reservoir with cool fresh water. Do not fill with warm water as this may cause leaking.
2. After filling the water reservoir, replace the water reservoir cap by firmly turning clockwise and then replace the water reservoir onto the base. The water reservoir will immediately begin to empty into the base.

OPERATING INSTRUCTIONS

Your humidifier is equipped with a technologically advanced Digital Humidistat. You can set the humidifier to run continuously in manual mode or set the Digital Humidistat to your desired humidity setting. The Digital Humidistat will automatically turn the humidifier ON or OFF, depending on the preset comfort level. The comfort level ranges from 30% and 65% relative humidity.



MANUAL MODE INSTRUCTIONS

1. Plug the humidifier into a 120V AC electrical outlet.
2. The display will show the current room humidity.
3. To start the unit, push the MODE button once for the HIGH (3) manual setting.
4. Press the button again for the MEDIUM (2) manual setting and again for LOW (1). After the selection is made, the display will return to show the current room humidity.
5. To stop the unit, press and hold the button for two seconds, or keep pressing the button until the display reads OF.

HUMIDISTAT INSTRUCTIONS

To take advantage of the Digital Humidistat, press the MODE button until the speed is set in either the Auto HIGH (A3), Auto MEDIUM (A2) or Auto LOW (A1) setting. Then adjust the set humidity by using the up and down buttons. Humidity will increase in increments of 5%. When the humidity level is set, the display will return to show the current room humidity. When the room humidity level rises above the set humidity, the humidifier will stop. When the humidity level drops below the set humidity, the humidifier will turn on automatically.

NOTE: Allow up to 30 minutes for the filter to fully absorb water and for the unit to produce moisture.

NOTE: The Digital Humidistat Humidifier has memory. This means that when you turn the unit back on, it will be at the last setting the humidifier was set at.

If you do not plan to use the humidifier for two or more days, make sure any residual water is drained from the water reservoir, base and wick filters to prevent algae or bacteria growth.

EXTENDED RUN TIME SETTING

By setting your humidifier to a specific humidity level, you are actually also extending the run time. Since the unit will turn on and off to maintain the set humidity level, less water will be used, so you will need to fill the unit less than you would on manual setting.

USING THE PROGRAMMABLE TIMER

The Digital Humidistat allows the user to program the humidifier to come on at a preset time, or turn off after a set amount of time.

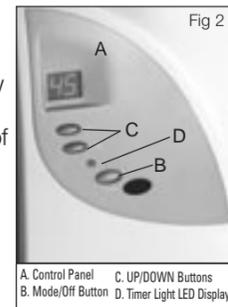
Setting the Off Timer:

1. Select the Mode and or humidity you wish the humidifier to run in.
2. While the humidifier is running, press and hold the up and down buttons simultaneously for 2 seconds. The display will flash "00".
3. By pressing the up and down buttons, program the humidifier to turn off up to 16 hours later in increments of 1 hour.

4. After setting the timer, the display will return to show the current room temperature. The Timer light will illuminate to show that the timer is activated.
5. After the predetermined length of time has passed, the humidifier will automatically shut off.

Setting the On Timer:

1. While the humidifier is off, press and hold the up and down buttons simultaneously for 2 seconds.
2. By pressing the up and down buttons, program the humidifier to turn on up to 16 hours in advance in increments of 1 hour.
3. The humidifier will continue to run on Auto Mode (HI) at 45% for 2 hours of runtime.

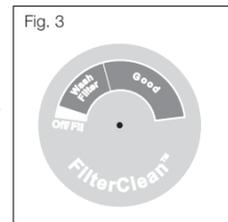


REMOVING PERMANENT FILTER FOR CLEANING

Through normal use, waterborne minerals and sediment become trapped in the Permanent Filter. The harder your water, the greater amount of minerals in the water, and the more often you will need to wash your Permanent Filter. Using the FilterClean™ filter monitor located on the top grill, you will be able to check the life of the Permanent Filter in your humidifier. When the unit is turned off the FilterClean™ needle will read "Off". When the unit is turned on, the Filter Monitor needle will need 60 minutes to read the current filter condition. After the needle reads Wash Filter for 60 minutes, Permanent filter washing is recommended. Regular filter washing is necessary to ensure optimal humidifier performance.

Removing the Permanent Filter for Cleaning, Follow these Instructions:

1. Turn the unit off and disconnect from the electrical outlet.
2. The water tray should be cleaned when you clean the filter. The water tray is a convenient way to carry the filter to prevent dripping.
3. Mix 1 gallon warm tap water with 1 teaspoon concentrated antibacterial liquid dish washing soap.
4. Fully submerge filter in soap solution for 15-20 minutes.
5. Dunk filter in soap solution several times then gently press to release the soapy water. Be sure not to wring, pull or scrub filter as this will degrade the filter.
6. Run under cool tap water until there is no soap remaining. Some discoloration may still be visible, this is normal and does not affect performance.



7. Gently shake or press the filter to remove excess water.
8. The filter can be put directly into the humidifier while still damp if it is to be used right away, or allow filter to dry completely if humidifier is to be stored.

Should your filter become damaged or lost, please call the customer service number listed in the manual for a replacement part: BWF100-P.

CLEANING AND MAINTENANCE INSTRUCTIONS

Humidifiers provide comfort by adding moisture to dry, heated indoor air. To get the most benefit from the humidifier and avoid product misuse, follow all instructions carefully, specifically the operation, care and maintenance guidelines. Please note that this is an electrical appliance, and requires attention when in use.

In addition, if you do not follow the recommended care and maintenance instructions, micro-organisms may be able to grow in the water within the humidifier's reservoir. You must routinely follow the cleaning procedures that follow in order to ensure proper, efficient operation of your humidifier. Proper maintenance and cleaning is essential to the continued performance of your unit and the avoidance of algae or bacteria build-up.

DAILY MAINTENANCE

1. Be sure the unit is OFF and is disconnected from the electrical outlet.
2. Remove the housing and the reservoir from the humidifier and place in sink or tub.
3. Carry the base of the unit to the sink, remove the wick frame and wicks, place in sink, drain any remaining water and rinse thoroughly to remove any sediment or dirt. Wipe clean, and dry with a clean cloth or paper towel.
NOTE: the base and wick frame are dishwasher safe TOP RACK ONLY.
4. Drain the water from the tank into the sink and rinse tank thoroughly. Wipe clean, and dry with a clean cloth or paper towel.
5. Put filters back in wick frame, replace on base, replace the housing, then refill tank with cool tap water as instructed earlier in the Filling Instructions. Do not overfill.
6. Follow Operating Instructions.