

### CLEANING AND MAINTENANCE INSTRUCTIONS

Humidifiers provide comfort by adding moisture to dry, heated indoor air. To benefit most from the humidifier and avoid product misuse, follow all instructions carefully. 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 guidelines, micro-organisms may be able to grow in the water within the water 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 holder 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 holder are dishwasher safe TOP RACK ONLY.
4. Drain the water from the reservoir into the sink and rinse reservoir thoroughly. Wipe clean, and dry with a clean cloth or paper towel.
5. Put filters back in wick holder, replace on base, replace the housing, then refill reservoir with cool tap water as instructed earlier in the Filling Instructions. Do not overfill.
6. Follow Operating Instructions.

### WEEKLY MAINTENANCE

To Remove Scale:

1. Repeat steps 1-4 in the Daily Maintenance section.
2. Clean the base by partially filling the base with one 8-oz cup of undiluted white vinegar, or by using Clean-Away™ (Model DMS216) by the manufacturer. Leave this solution in the base for 20 minutes, while cleaning all the interior surfaces with a soft brush. Remove base scale by wiping the base with a cloth dampened with undiluted white vinegar.
3. Rinse with clean warm water to remove the cleaning solution before disinfecting the reservoir.

### To Disinfect Humidifier Base and Reservoir:

1. Fill humidifier base with 1/4 gallon of water and 1/2 teaspoon of chlorine bleach.
2. Fill the reservoir 1/2 full with water and 1/2 teaspoon of chlorine bleach.

3. Let the solution stand for 20 minutes, swishing every few minutes. Wet all surfaces.
4. 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.
5. Refill the water reservoir 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.

1. Clean and dry the humidifier thoroughly as per the "Weekly Maintenance" instructions.
2. Let the humidifier dry completely before storing. Do not store with water inside the base or water reservoir.
3. Remove the reservoir cap. Do not store with the reservoir cap in place.
4. Follow Filter Washing Procedure before storage. Ensure that the filter is completely dry before being stored.
5. Store in a cool dry location.

Frequently Asked Questions	
Question	Answer
• What are the variables that affect run time?	<ul style="list-style-type: none"> <li>✓ 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:</li> <li>✓ Air exchange in the room where the humidifier is placed.</li> <li>✓ Room construction of the room where the humidifier is placed.</li> <li>✓ Temperature of the room where the humidifier is placed.</li> <li>✓ Humidity levels in the room where the humidifier is placed.</li> <li>✓ Movement of occupants and the opening and closing of doors in the room where the humidifier is placed.</li> <li>✓ Home furnishings in the room where the humidifier is placed.</li> </ul>
• How do I remove film on water tank?	<ul style="list-style-type: none"> <li>✓ See Daily Maintenance instructions. Regular cleaning is recommended.</li> </ul>
• How can I extend the run time?	<ul style="list-style-type: none"> <li>✓ Run your unit on the lowest setting.</li> <li>✓ 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.</li> <li>✓ 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.</li> </ul>

Troubleshooting for your Cool Mist Humidifier		
Trouble	Probable Cause	Solution
• LED not illuminated.	<ul style="list-style-type: none"> <li>✘ Unit not plugged in.</li> <li>✘ Power failure.</li> </ul>	<ul style="list-style-type: none"> <li>✓ Plug in unit.</li> <li>✓ Check circuit breaker or outlet.</li> </ul>
• Mist output minimal to none.	<ul style="list-style-type: none"> <li>✘ Filter has not absorbed water.</li> <li>✘ Mineral buildup in base.</li> <li>✘ Humidistat is set too low.</li> <li>✘ Permanent filter needs to be washed.</li> <li>✘ Normal operation.</li> </ul>	<ul style="list-style-type: none"> <li>✓ Wait 30 minutes before starting humidifier.</li> <li>✓ Regular cleaning of tray after each use will help keep the unit functioning properly.</li> <li>✓ Set the humidistat to high.</li> <li>✓ Wash your wick filter and follow the filter washing procedure in this manual.</li> <li>✓ Mist is invisible.</li> <li>✓ Check to see if inlet or outlet grills are blocked.</li> </ul>
• Water leaks from water reservoir.	<ul style="list-style-type: none"> <li>✘ Rubber O-ring is missing or improperly placed.</li> <li>✘ Reservoir cap not tight enough.</li> </ul>	<ul style="list-style-type: none"> <li>✓ Remove reservoir cap then replace or reposition ring.</li> <li>✓ Tighten the reservoir cap.</li> </ul>
• Wick filter turns brown.	<ul style="list-style-type: none"> <li>✘ Your filter needs to be cleaned.</li> <li>✘ In areas with particular hard water your wick filter will need to be cleaned frequently.</li> </ul>	<ul style="list-style-type: none"> <li>✓ Follow Filter Washing Procedure located in this manual.</li> <li>✓ Use Clean-Away™ Solution (DMS216), to order, call 1-800-253-2764, or visit <a href="http://www.bionaire.com">www.bionaire.com</a>.</li> </ul>
• Film on water reservoir.	<ul style="list-style-type: none"> <li>✘ Mineral deposits cause film on tank to build up.</li> </ul>	<ul style="list-style-type: none"> <li>✓ Follow Filter Washing Procedure located in this manual.</li> </ul>
• Water cloudy.	<ul style="list-style-type: none"> <li>✘ Filter needs to be washed.</li> <li>✘ Using warm water to refill reservoir.</li> </ul>	<ul style="list-style-type: none"> <li>✓ Refill using cool water.</li> </ul>
• Humidistat cycles on/off.	<ul style="list-style-type: none"> <li>✘ Humidifier is reacting to room humidity level.</li> </ul>	<ul style="list-style-type: none"> <li>✓ Set the humidistat to a higher or lower setting.</li> </ul>
• Very tight reservoir cap.	<ul style="list-style-type: none"> <li>✘ Over tightened.</li> </ul>	<ul style="list-style-type: none"> <li>✓ Add liquid soap or petroleum jelly to cap gasket to ease opening.</li> </ul>
• FilterClean™ is not working.	<ul style="list-style-type: none"> <li>✘ Takes 60 minutes to register.</li> </ul>	<ul style="list-style-type: none"> <li>✓ Allow the humidifier to run continuously for 60 minutes for the FilterClean™ Indicator to reflect the filter condition.</li> </ul>
• Humidifier continuously displays 21%.	<ul style="list-style-type: none"> <li>✘ Humidity at the humidifier is at or below 21%.</li> </ul>	<ul style="list-style-type: none"> <li>✓ Continue to operate humidifier to raise the room humidity.</li> </ul>
• Humidifier continuously displays 90%.	<ul style="list-style-type: none"> <li>✘ Humidity at the humidifier is at or above 90%.</li> </ul>	<ul style="list-style-type: none"> <li>✓ Stop operating the humidifier if the humidity level is too high.</li> </ul>

If you have any questions regarding your product or would like to learn more about other Bionaire® products, please contact our Consumer Service Department at 1-800-253-2764 or visit our website at [www.bionaire.com](http://www.bionaire.com).

### 1 YEAR LIMITED WARRANTY

Sunbeam Products, Inc. doing business as Jarden Consumer Solutions or if in Canada, Sunbeam Corporation (Canada) Limited doing business as Jarden Consumer Solutions (collectively "JCS") warrants that for a period of one year from the date of purchase, this product will be free from defects in material and workmanship. JCS, at its option, will repair or replace this product or any component of the product found to be defective during the warranty period. Replacement will be made with a new or remanufactured product or component. If the product is no longer available, replacement may be made with a similar product of equal or greater value. This is your exclusive warranty. Do NOT attempt to repair or adjust any electrical or mechanical functions on this product. Doing so will void this warranty.

This warranty is valid for the original retail purchaser from the date of initial retail purchase and is not transferable. Keep the original sales receipt. Proof of purchase is required to obtain warranty performance. JCS dealers, service centers, or retail stores selling JCS products do not have the right to alter, modify or any way change the terms and conditions of this warranty.

This warranty does not cover normal wear of parts or damage resulting from any of the following: negligent use or misuse of the product, use on improper voltage or current, use contrary to the operating instructions, disassembly, repair or alteration by anyone other than JCS or an authorized JCS service center. Further, the warranty does not cover: Acts of God, such as fire, flood, hurricanes and tornadoes.

### What are the limits on JCS's Liability?

JCS shall not be liable for any incidental or consequential damages caused by the breach of any express, implied or statutory warranty or condition.

Except to the extent prohibited by applicable law, any implied warranty or condition of merchantability or fitness for a particular purpose is limited in duration to the JCS disclaims all other warranties, conditions or representations, express, implied, statutory or otherwise.

JCS shall not be liable for any damages of any kind resulting from the purchase, use or misuse of, or inability to use the product including incidental, special, consequential or similar damages or loss of profits, or for any breach of contract, fundamental or otherwise, or for any claim brought against purchaser by any other party.

Some provinces, states or jurisdictions do not allow the exclusion or limitation of incidental or consequential damages or limitations on how long an implied warranty lasts, so the above limitations or exclusion may not apply to you.

This warranty gives you specific legal rights, and you may also have other rights that vary from province to province, state to state or jurisdiction to jurisdiction.

### How to Obtain Warranty Service

#### In the U.S.A.

If you have any question regarding this warranty or would like to obtain warranty service, please call 1-800-253-2764 and a convenient service center address will be provided to you.

#### In Canada

If you have any question regarding this warranty or would like to obtain warranty service, please call 1-800-253-2764 and a convenient service center address will be provided to you.

In the U.S.A., this warranty is offered by Sunbeam Products, Inc doing business as Jarden Consumer Solutions located in Boca Raton, Florida 33431. In Canada, this warranty is offered by Sunbeam Corporation (Canada) Limited doing business as Jarden Consumer Solutions, located at 20 B Hereford Street, Brampton, Ontario L6Y 0M1. If you have any other problem or claim in connection with this product, please write our Consumer Service Department.

**PLEASE DO NOT RETURN THIS PRODUCT TO ANY OF THESE ADDRESSES OR TO THE PLACE OF PURCHASE.**

**BIONAIRE®**  
**COOL MIST humidifier**  
**with permanent filter**  
 MODEL BCM7309



FILTER#: BWF100P/HWF100P (3)  
 Filter Type: Permanent Wick

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 **1-800-253-2764** in North America.



# ▲ HUMIDIFIER SAFETY

## PLEASE READ AND SAVE THESE IMPORTANT SAFETY INSTRUCTIONS

### IMPORTANT SAFEGUARDS

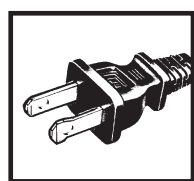
When using electrical appliances, basic safety precautions should always be followed to reduce the risk of fire, electric shock, and injury to persons, including the following:

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 inches (10 cm) 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 APPLIANCE HAS A POLARIZED PLUG (one blade is wider than the other). To reduce the risk of electric shock, this plug is intended to fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse

the plug. If it still does not fit, contact a qualified electrician to install the proper outlet.

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

## PLEASE READ AND SAVE THESE IMPORTANT SAFETY INSTRUCTIONS

### Consumer Safety Information

**NOTE:** This is an electrical appliance and requires attention when in use.

**NOTE:** If moisture forms on the walls or windows of the room, turn off the humidifier. The room already has plenty of humidity and additional moisture may cause damage.

**NOTE:** DO NOT block air inlet or outlet.

### Cord and Plug Installation Safety Instructions

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 (refer to the rating artwork placed on 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 COOL MIST WORKS

Your Bionaire® Cool Mist humidifier draws dry air through the rear air intake grill area. This air is then passed through 3 moisture laden wick filters, which retains the minerals and deposits in the water. The resulting moist air is directed back into the room from the top air grill.

**NOTE:** This humidification system provides a cool, invisible moisture output. It is normal not to see the mist.  
**NOTE:** A humidity level below 20% can be unhealthy and uncomfortable. The recommended humidity level is between 40%-50%.

### PRE-OPERATING INSTRUCTIONS

1. Be sure the humidifier is switched to OFF and the unit is disconnected from the electrical outlet.
2. Select a location for your humidifier, on a flat surface, about 4 inches (10 cm) away from the wall. DO NOT place the humidifier on a finished floor or near furniture, which can be damaged by moisture or water. Place on a moisture-resistant surface.

### FILLING THE WATER RESERVOIR

1. Remove the reservoir from the base of the humidifier and bring to the faucet. Turn the reservoir upside down and twist off the reservoir cap by turning counter clockwise. Fill reservoir with cool, fresh tap water.

**DO NOT fill with warm water as this may cause leaking. Replace the cap on reservoir FIRMLY.**

2. When full, carry reservoir to the humidifier and place onto the base. The reservoir holds 1.2 gallons of water and the base holds 1/3 gallon of water. The reservoir will immediately begin to empty into base.
3. Plug the power cord into a 120V AC electrical outlet.

### 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 between 35% 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. **NOTE:** The display range is 21% - 90%. If your room humidity level falls below 21%, the unit will display 21. If your room humidity level rises above 90%, the unit will display 90.
3. To start the unit, push the MODE/OFF button twice within 3 seconds 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 OFF (OF).

### DIGITAL HUMIDISTAT INSTRUCTIONS (See Figure 1)

To take advantage of the Digital Humidistat, press the MODE/OFF 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 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 filter to prevent algae or bacteria growth.

### 16 HOUR AUTO ON/OFF TIMER INSTRUCTIONS

The Auto On/Off timer will allow the user two options, to set a time to turn the unit off or to set a time to turn the unit on.

### Auto Off Timer

While the unit is running, the off timer can be activated by holding down the up and down buttons simultaneously for 2 seconds, the screen will flash 00 and the up and down arrows can be pushed to adjust the timer up to 16 hours in increments of one, once 16 hours is reached, the next push of the timer button will cycle back to 00 hours. The Timer Light (Ⓛ) will illuminate to indicate that the Timer is activated. The unit will then shut off after the timer expires (in its current setting). While the unit is running, the timer should stay on even if other modes are being changed. The timer should only be deactivated if the unit is turned off.

### Auto On Timer

While the unit is off, the up and down buttons are pressed simultaneously for 2 seconds and the display will flash 00 the up button may then be pushed again to increase the hours to turn on (in its last setting) from 1-16 in increments of 1 hour. The unit will then come on after the timer expires, if the unit is then turned on, the timer will be deactivated. The Timer Light (Ⓛ) will illuminate to indicate that the Timer is activated. Once 16 hours is reached, the next push of the timer button will cycle back to 00 hours.

### REMOVING PERMANENT FILTER FOR CLEANING

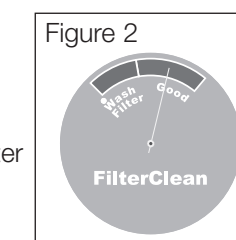
Through normal use, waterborne minerals and sediment become trapped in the wick filters. The harder your water, the greater the amount of minerals in the water, and the more often you will be able to monitor the life of your filters in your humidifier.

The FilterClean™ Indicator will allow you to monitor how often you will need to wash your filter.

**NOTE:** After 60 minutes of use, FilterClean™ Indicator will move and indicate your filters condition.

New filters will register in the section reading GOOD filter. After frequent use of your humidifier, the FilterClean™ Indicator will let you know when the filters need to be washed (See Figure 2).

When the needle is in the Wash Filter section, this means the proper amount of moisture is not getting



into your air due to the excessive minerals and sediment that have become trapped on your filters. At this point, you should wash your filters. It is important to wash your filters as indicated below to obtain stated performance level.

**To remove filter for cleaning follow the steps below:**

1. Turn the unit off and disconnect from the electrical outlet.
2. Remove the tank and main housing to access the base.
3. Remove the wick holder from the base of the humidifier.
4. Remove each individual wick and wash. Do not remove rivet, replacement wicks come equipped with rivets for easy replacement.
5. Follow the weekly cleaning instructions.
6. Insert refreshed filters into each section of the wick holder making sure the rivet attaches to the wick holder securely.
7. Do not use wicks without rivets as this will not produce the unit's intended output.
8. Replace the wick holder into the base and replace main housing and then tank.
9. Repeat Operating Instructions.

It will take about 30 minutes for the humidifier to reach maximum output.

### Filter Washing Procedure:

1. 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.
2. Mix 1 gallon warm tap water with 1 teaspoon concentrated antibacterial liquid dish washing soap.
3. Fully submerge filter in soap solution for 15-20 minutes.
4. 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.
5. 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.
6. Gently shake or press the filter to remove excess water.
7. 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. The part number for this filter is: HWF100P (Part Number 7400001000016).