

<b>Troubleshooting</b>		
<b>Trouble</b>	<b>Probable Cause</b>	<b>Solution</b>
• Water leaks from tank	• Tank rubber ring is missing • Cap not tight enough • Tank water is Hot • Hot water will cause tank to pressurize • Tanks will crack if hit or dropped • Mineral deposits	✓ Remove tank cap and replace or reposition ring ✓ Tighten the cap ✓ Fill with cool water only ✓ Fill with cool water only ✓ Handle tank with Care ✓ Clean/disinfect tank as instructed in weekly cleaning instructions
• Crack in tank		
• Film on tank		

<b>Frequently Asked Questions</b>	
<b>Question</b>	<b>Answer</b>
• What are the variables that affect run time?	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: • 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?	• See Daily Maintenance instructions. Regular cleaning is recommended.
• How can I extend the run time?	• 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.

4. Refill the water tank as directed in Operating Instructions, and turn the unit on.

#### **STORAGE INSTRUCTIONS**

When not using your humidifier for an extended period of time:

1. Clean, rinse and thoroughly dry the humidifier as directed in weekly maintenance. DO NOT leave any water in the unit when storing. Leaving water in the unit may render the unit inoperable for the next season.
2. Place the humidifier in its original carton and store in a cool, dry place.

#### **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 humidifier 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 1-800-253-2764 in North America for further assistance.
4.  If you have any other questions or comments, feel free to write to us or visit our website [www.bionaire.com](http://www.bionaire.com)

Bionaire  
Sunbeam Products, Inc. doing business as  
Jarden Consumer Solutions  
Consumer Service Department  
303 Nelson Avenue  
Neosho, MO 64850

#### **4 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 four years 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 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 20B 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.**

#### **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 duration of the above warranty.

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.

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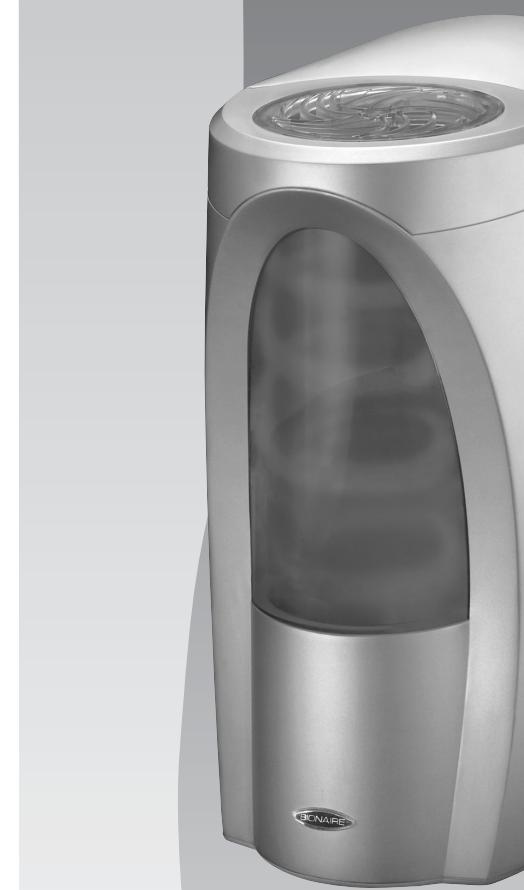
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**BIONAIRE®**

**Revolution™ Ultrasonic Humidifier**  
MODEL BU2200



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. 9100030004611

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## **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 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. 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.
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 by 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.

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.

17. NEVER use detergents, gasoline, glass cleaner, furniture polish, paint thinner, or other household solvents to clean any part of the humidifier.

18. Excessive humidity in a room can cause water condensation on windows and some furniture. If this happens, turn the humidifier OFF.

19. 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.

20. 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.

21. Never place housing under water flow or immerse in liquids.

22. Do not plug in the cord with wet hands: electric shock could result.

23. Do not pour water in any openings other than the water tank.

24. To prevent damage to surfaces, do not place humidifier under overhanging surfaces.

25. NEVER operate unit without water in the tank.

26. Do not move unit while it is operating.

27. Use both hands when carrying full tank of water.

## **PLEASE READ AND SAVE THESE IMPORTANT SAFETY INSTRUCTIONS**

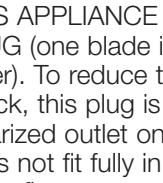
### **CONSUMER SAFETY INFORMATION**

**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**



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**

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.

### **SETUP INSTRUCTIONS**

1. Select a location for your humidifier, on a flat, level surface about 4 inch away from the wall. DO NOT place the humidifier on a finished floor or near furniture, which can be damaged by too much moisture or water. Place on a moisture-resistant surface.

2. Remove the tank from the main housing.

3. Bring the tank to the sink, turn upside down and twist off the tank cap by turning counter clockwise. Fill tank with cool, fresh tap water. DO NOT fill with warm water as this may cause leaking. Replace the cap on tank FIRMLY.

4. Carefully bring the filled tank over to the humidifier,

holding it level to avoid sloshing or spilling of water.

5. Carefully place tank back onto the base to prevent water from spilling. The tank will immediately begin to empty into the base.

6. Plug the humidifier into a 120V electrical outlet.

### **OPERATING INSTRUCTIONS**

1. To turn the unit on, press the Bionaire logo power button in front of the unit so that it illuminates.

2. When the humidifier runs out of water, the transducer will automatically shut off and the fan will keep running to dry any residual water out of the base and chamber.

3. Once the tank is empty, press the power button to turn the unit off and unplug the unit.

4. Before refilling the tank, empty or sponge up any residual water from the base and tank. Follow daily maintenance instructions.

5. Fill tank with cool, fresh tap water. DO NOT fill with warm water as this may cause leaking. Replace the cap on tank FIRMLY.

6. Carefully place the tank onto the base. The tank will immediately begin to empty into the base.

7. Plug the humidifier into a 120V electrical outlet.

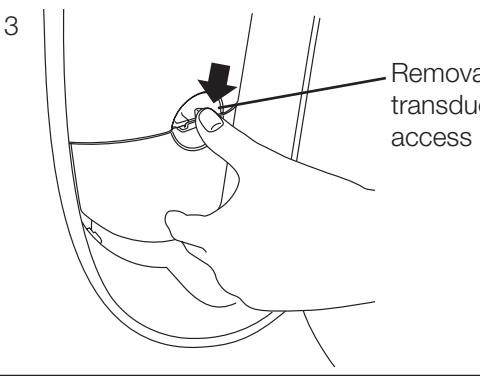
**WARNING:** DO NOT move the humidifier while it is operating with water in the tank or in the humidifier base. The moving action of the water may activate the water tank's release nozzle and overfill the transducer cavity. This may cause the humidifier to function intermittently, or stop emitting mist. Should this occur, turn off and unplug the unit, then remove the excess water from the humidifier base.

**IMPORTANT:** If you do not plan to use your humidifier for two or more days, make sure any residual water is drained

Fig. 2



Fig. 3



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 humidifier's tank and become airborne. You must routinely follow the cleaning and maintenance procedures 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 by pressing the power button so that it no longer illuminates. Unplug the unit from the electrical outlet.
2. Remove the tank from the humidifier and carefully bring to a sink or tub. Hold the base of unit level as you carry it to prevent excess water from sloshing or spilling. Place in sink or tub.
3. Drain or sponge up any remaining water and rinse thoroughly to remove any sediment or dirt. Wipe clean and dry with a clean cloth or paper towel.
4. Refill with cool tap water. Do not overfill.

### **WEEKLY MAINTENANCE**

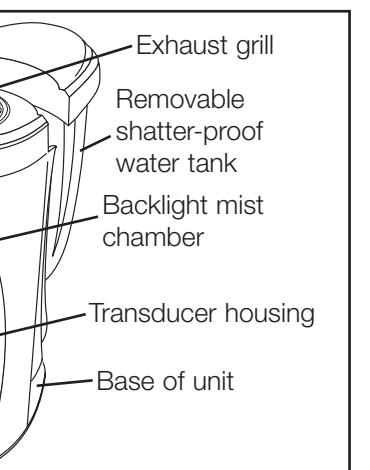
#### **To Remove Scale**

1. Repeat steps 1-3 above.
2. Refer to Fig. 2 and Fig. 3 for access to transducer.
3. Clean all surfaces with a soft brush. Gently scrub the area around the transducer with a soft brush. Remove the scale by wiping the entire base with a cloth dampened with undiluted white vinegar.
4. Rinse clean with warm water to remove cleaning solution before disinfecting the tank.

#### **To Disinfect Tank**

1. Fill humidifier tank 1/2 full with water and 1/2 tablespoon of chlorine bleach.
2. Let the solution stand for 20 minutes, swishing every few minutes. Wet all surfaces.
3. Carefully empty the tank after 20 minutes, and rinse with warm water until you cannot detect any bleach smell. Dry with a clean cloth or paper towel.

Fig. 1



Humidifiers provide comfort by adding moisture to dry,