

NUK[®]

With
 BIONAIRE

Cool Mist Ultrasonic Humidifier

Operating Instructions

PLEASE READ AND SAVE
THESE IMPORTANT SAFETY
INSTRUCTIONS.



Model 78103

PLEASE READ AND SAVE THESE IMPORTANT SAFETY INSTRUCTIONS

IMPORTANT NOTES: Please read this entire manual carefully before using this device. Product may vary from picture.

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. **ALWAYS** keep humidifier out of reach of children. **ALWAYS** keep the room with a running humidifier well ventilated – either a window or a door should be open at all times (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. Discontinue use and call the NUK® Customer Service Center for further instruction.
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, 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 flowing water 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 after it has been used until unit cools completely.
27. Use both hands when carrying full tank of water.



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 attempt to modify this plug or defeat this safety feature 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 information 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.

WARNING: STRANGULATION HAZARD. Keep cord out of children's reach. NEVER place humidifier or cords within 3 feet of crib or playing area.

FEATURES – OPERATIONS

PRE-OPERATING INSTRUCTIONS

1. Be sure the humidifier is switched off (Mist Volume Control knob (C) turned all the way to the left).
2. Select a location for your humidifier, on a flat, level 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 too much moisture or water. Place on a moisture resistant surface.
3. Remove the tank (A) from the main housing.
4. Bring the tank (A) 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**.
5. Place tank back on to the base (B). The tank will immediately begin to empty into the base.
6. Plug the humidifier into a 120V electrical outlet.

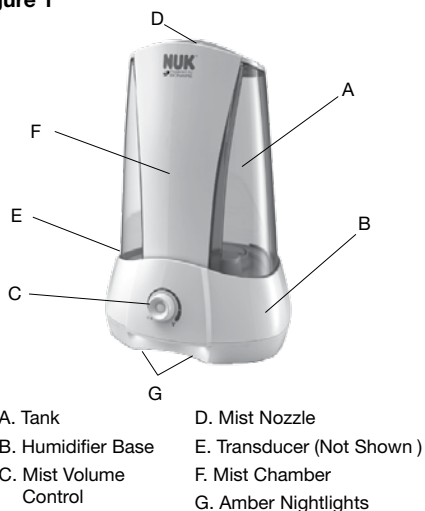
OPERATING INSTRUCTIONS

1. To turn the unit on, turn the Mist Volume Control knob (C) clockwise. Turning the Mist Volume Control knob all the way to the right will produce the highest moisture. Turning to the left will produce lower moisture with longer run time.
2. When the humidifier runs out of water, the transducer (E) 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 (A) is empty, turn the Mist Volume Control knob (C) all the way to the left and unplug the unit.
4. Before refilling the tank (A), empty any residual water from the base and tank. Follow daily maintenance instructions.
5. Fill tank (A) with cool, fresh tap water. **DO NOT** fill with warm water as this may cause leaking. Replace the cap on tank **FIRMLY**.
6. Place tank (A) on the base (B). 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 with water in the tank (A) or the humidifier base (B). The moving action of the water may activate the water tank's release nozzle and overflow the transducer cavity. This may cause the humidifier to function intermittently, or stop emitting mist. Should this occur, simply 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 from the water tank (A) and base (B) to prevent any algae or bacteria growth in stagnant water. Make sure the tank is dry.

Figure 1



CLEANING AND MAINTENANCE INSTRUCTIONS

Humidifiers provide comfort by adding moisture to dry 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 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. Before cleaning, switch off the humidifier (Mist Volume Control knob (C) turned all the way to the left) and unplug the unit from the electrical outlet.
2. Remove the tank (A) from the humidifier and place in sink or tub.
3. Drain 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 in the Daily Maintenance section.
2. Clean all surfaces with a soft brush. Gently scrub the area around the transducer (E) with a soft brush. Remove the scale by wiping the entire base with a cloth dampened with undiluted white vinegar.
3. Rinse with clean warm water to remove scale and the white vinegar solution before beginning to disinfect the tank.

To Disinfect Tank:

1. Fill humidifier tank (A) $\frac{1}{2}$ full with water and $\frac{1}{2}$ table-spoon of chlorine bleach.
2. Let the solution stand for 20 minutes, swishing every few minutes. Wet all surfaces.
3. Empty the tank after 20 minutes, and rinse well with water until the bleach smell is gone. Dry with a clean cloth or paper towel.
4. Refill the water tank with cool, fresh tap water; place on base tank. Repeat **ALL** Operating Instructions.

STORAGE INSTRUCTIONS

If your humidifier will not be in use for two days or more, follow these instructions:

1. Clean, rinse and thoroughly dry the humidifier as directed in the Weekly Maintenance section. **DO NOT** leave any water inside the base.
2. Remove the tank cap. **DO NOT** store with the tank cap in place.
3. Place the humidifier in the original carton and store in a cool, dry place.
4. Always clean the humidifier before the next season begins.

TROUBLESHOOTING

Trouble	Probable Cause	Solution
Water leaks from tank	Tank rubber ring is missing Cap is not tight enough Tank water is hot	Remove tank cap and replace or reposition ring Tighten the cap Fill with cool, fresh tap water only
Crack in tank	Hot water will cause tank to pressurize Tanks will crack if hit or dropped	Fill with cool water only Handle tank with care
Film on tank	Mineral deposits	Clean/disinfect tank as instructed in Weekly Cleaning instructions
Fan on, but no mist	Volume is too low Might be running out of water There may be scale build up on transducer	Turn up volume control Fill tank with cool water Clean transducer (refer to the Weekly Maintenance section)

FREQUENTLY ASKED QUESTIONS

Question	Answer
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: <ul style="list-style-type: none"> • Air exchange in the room where the humidifier is placed. • Room construction 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. • The humidifier's level of moisture volume. Lower moisture volume will lead to longer run time.
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. 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.

ICES STATEMENT

This apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations. This Class B digital apparatus complies with Canadian ICES-001.

FCC STATEMENT

Potential for Radio/Television interference.

This device complies with part 18 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.

This product has been tested and found to comply with the limits for a class B digital device, pursuant to Part 18 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. The product generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that the interference will not occur in a

particular installation. If the product does cause harmful interference to radio or television reception, which can be determined by turning the product on or off, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the product and the receiver.
- Connect the product into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.
- Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

WARRANTY INFORMATION

1 YEAR LIMITED WARRANTY

NUK USA LLC warrants that for a period of 1 year from the date of purchase, this product will be free from defects in material and workmanship. NUK USA LLC will 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. Dealers, service centers, or retail stores selling NUK USA LLC products do not have the right to alter, modify or in 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 NUK USA LLC. Further, the warranty does not cover acts of God, such as fire, flood, hurricanes and tornadoes.

What are the Limits on NUK USA LLC Liability?

NUK USA LLC 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.

NUK USA LLC disclaims all other warranties, conditions or representations, express, implied, statutory or otherwise.

NUK USA LLC 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

If you have any questions regarding this warranty or would like to obtain warranty service, please call the NUK® Customer Service Center at 1-800-447-0167.

To make a claim or troubleshoot a problem, please contact the NUK® Customer Service Center at 1-800-447-0167. NUK® Customer Service will provide the assistance in resolving the issue through troubleshooting and/or provide an address for returning the product.

In the U.S.A., this warranty is offered by NUK USA LLC located in Reedsburg, Wisconsin 53959. If you have any other problem or claim in connection with this product, please visit our website: www.NUK-USA.com or call our Customer Service: (1-800-447-0167).

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

**For more information on NUK® products,
visit our website: www.NUK-USA.com
or call NUK® Customer Service: (1-800-447-0167)**

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Due to continuing product development, the product inside the packaging may look slightly different than the one on the package.