TROUBLESHOOTING
FREQUENTLY ASKED QUESTIONS

TROUBLESHOOTING		
TROUBLE	**PROBABLE CAUSE**	**SOLUTION**
• Unit does not turn on.	☛ Not plugged in. ☛ Outlet not functioning.	✔ Plug in unit. ✔ Have outlet replaced by a licensed electrician.
• Humidifier has suddenly stopped working.	☛ The unit needs to be reset.	✔ Follow manual for Reset Instructions.
• Mist output minimal to none.	☛ Scale buildup on heating element. ☛ Humidifier is not warmed up yet.	✔ Remove scale from heating element. ✔ Allow 1 minute for the humidifier to warm up.
• Water Leaks from tank.	☛ Tank rubber ring is missing. ☛ Cap not tight enough. ☛ Tank water is Hot.	✔ Remove tank cap and replace or reposition ring. ✔ Tighten the cap. ✔ Fill with cool 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

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: ✔ 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. ✔ 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.

STORAGE INSTRUCTIONS
REPLACEMENT ACCESSORIES

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 following season.
2. Place the humidifier in the original carton and store in a cool, dry place.
3 Wait for the heating element to cool completely, and then clean the heating element with a damp soft cloth.
4 Remove the tank cap. Do not store with the tank cap in place.

REPLACEMENT ACCESSORIES

To order the replacement accessories you can do any of the following:

- Visit your local retailer
- Go to *www.holmesproducts.com.*
- Call Consumer Service at 1-800-546-5637.

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 1-800-546-5637 or visit our website at www.holmesproducts.com. For inquiries regarding recycling and proper disposal of this product, please contact your local waste management facility.

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157599 Rev B HWM5850MM_14EM2 Printed In China
GCDS-HOL35650-DL

WARRANTY INFORMATION

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 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.

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 1-800-546-5637 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 1-800-546-5637 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.**

Holmes®

Owner's Guide

HWM5850MM

☎ INFO HOT-LINE: If, after reading this owner's guide you have any questions or comments, please call 1-800-546-5637 and a Customer Service Representative will be happy to assist you.



Warm Mist
Humidifier

PLEASE READ AND SAVE THESE IMPORTANT INSTRUCTIONS

PLEASE READ AND SAVE THESE IMPORTANT SAFETY 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. DO locate your humidifier on an inside wall near an electrical outlet. The humidifier should be at least 4 inches 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 wallpaper.
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. Do not move unit after it has been used until unit cools completely.
27. Use both hands when carrying full tank of water.
28. Failure to clean device per the cleaning instructions in the instruction book may result in overheating or fire.

CAUTION: Mist can be HOT. Keep away from children.



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.

FEATURES - OPERATIONS

PLEASE READ AND SAVE THESE IMPORTANT SAFETY INSTRUCTIONS

CONSUMER SAFETY INFORMATION

NOTES:

- This is an electrical appliance and requires attention when in use.
- 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.
- DO NOT block air inlet or outlet.
- Keep unit away from surfaces that can be damaged by water and/or heat (such as wood floors).
- Place mat underneath the unit during use.
- Do not place the humidifier on carpet. The heat sink underneath the humidifier might cause the carpet to be discolored and may cause overheating of the unit.

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.

HOW WARM MIST WORKS

Your Holmes® Warm Mist humidifier is designed to allow the proper amount of water to flow out of the tank. Air is drawn in through the grill openings located in the back of the unit and mixed with steam in the misting chamber. The warm mist is then dispersed out of the top of the misting chamber through the outlet grill and into the room.

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 off.
2. Select a location for your humidifier, on a flat level surface about 4 inches (10cm) 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 from the main housing.
4. 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. The tank will hold 1 gallon of water.
5. Make sure the safety lock is rotated completely to the locked position. Place tank back on to the housing. The tank will immediately begin to empty into the base.
6. Plug the humidifier into a 120V electrical outlet.

MEDICINE TRAY

There is a medicine tray located on top of the humidifier. To use, pour designated humidifier medication into the tray and then turn on your humidifier as directed.

FEATURES - OPERATIONS

NOTES:

- DO NOT add medication to the water tank.
- DO NOT add medication to the medicine tray when the unit is already operating.

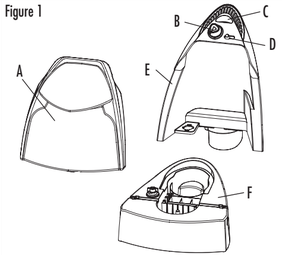
OPERATING INSTRUCTIONS

IMPORTANT:

1. To turn on your humidifier, switch the Slider Switch to your desired setting:
   Off - Hi (High) - Lo (Low)
   NOTE: This humidifier is featured with rapid steam. After powered on, the humidifier will begin to mist within 1 minute. A boiling noise is normal. To minimize the noise level, operate the unit at low setting.
   **** Visible mist under 1 minute was measured using water at an average temperature of 65°F (18°C).***
2. To turn off the unit, switch the Slider Switch to the Off **(Off)** position.
3. Turn the Humidistat Control to adjust the humidistat level. To begin operation, turn the Humidistat Control to the highest setting (▲).

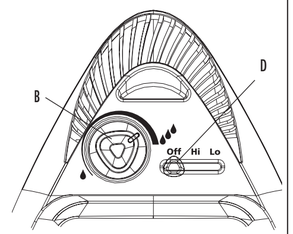
WARNING: DO NOT move the humidifier with water in the tank or the humidifier base. The moving action of the water may activate the water tank's release nozzle and overfill the humidifier base. This may cause the humidifier to function intermittently, or stop emitting mist. Should this occurs, simply remove the excess water from the humidifier base.

Figure 1



A. Humidifier Tank
B. Humidistat Control
C. Medicine Tray
D. Slider Switch
E. Humidifier Housing
F. Humidifier Base

Control Panel



RESET PROCEDURE

When the water in the tank is empty and the water in the heating chamber is almost empty, the Automatic Shut Off will activate. The humidifier will stop operation until the water tank is refilled to prevent overheating. Humidifier should be reset as below:

1. Remove and refill the water tank, follow the "Daily Maintenance" and Pre-Operating Instructions to clean and refill the water tank. Replace the tank onto the unit.
2. Allow 15 minutes for the Automatic Shut off to reset.
3. After 15 minutes, press the power button to begin operation of the humidifier. Within 1 minute, the unit will begin to produce moisture. If the unit does not start working, it is still too hot. Wait 15-30 additional minutes for the unit to cool down before pressing the power button to begin operation. The unit should now be cool enough and operate normally.

CLEANING / MAINTENANCE

CLEANING AND MAINTENANCE INSTRUCTIONS

The following maintenance procedures must be routinely followed in order to ensure proper, efficient operation of your humidifier. The unit WILL NOT WORK CORRECTLY if it is not cleaned properly.

When the unit is in use, daily and weekly maintenance is recommended. Regular weekly cleaning prevents scale buildup on the heating element and tray. It also prevents micro-organisms from growing on the tray and tank. This ensures that maximum efficiency will be achieved.

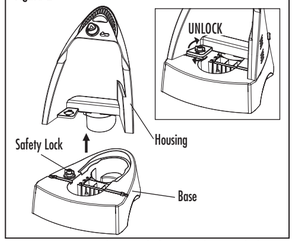
We cannot over-emphasize how essential proper cleaning is to the maintenance and continued use of your unit and to the avoidance of algae or bacteria build-up.

DAILY MAINTENANCE

Allow to cool before maintenance.

1. Before cleaning, switch OFF the humidifier and unplug the unit from the electrical outlet.
2. Remove the water tank then unlock the humidifier housing by rotating the safety lock clockwise. Lift housing up from the humidifier base (see Figure 2).

Figure 2



3. Empty water and minerals from the base and place in the top rack of the dishwasher. This will remove any sediment and dirt that has accumulated in the base.

NOTE: It is imperative that the base is cleaned properly. The base is dishwasher safe (top rack ONLY) for easy cleaning.

4. Wipe the heating element clean with a soft cloth after it has had a chance to cool.
5. Replace misting chamber and engage safety lock. The Electronic Thermal Control Heating element is lined with a coating that is designed to provide the easiest cleaning and prolong the operating efficiency of the humidifier. DO NOT use any metal or hard objects to clean the Heating Element. Never use detergents, gasoline, kerosene, glass cleaner, furniture polish, paint thinner or other household solvents to clean any part of the humidifier.

WEEKLY MAINTENANCE

Remove Scale: Allow to cool before maintenance.

1. Repeat steps 1-5 in the Daily Maintenance section.
2. Clean tray, heating element and heating element shroud by filling tray with water solution containing 8-oz of undiluted white vinegar. Allow tray, heating element and heating element shroud to sit in water solution for 20 minutes. Clean tray, heating element and heating element shroud with a soft brush. Dampen a cloth with undiluted white vinegar and wipe out entire tray/base, heating element and heating element shroud area to remove scale.
3. Rinse with clean warm water to remove scale and the white vinegar solution before beginning to disinfect the tank.
4. Wipe the heating element clean with a soft cloth after it has had chance to cool.

Disinfect tank:

1. Fill tank with 1/2 teaspoon of chlorine bleach and 1/2 gallon (1.9L) of water.
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 water; replace the water tank. Repeat ALL Operating Instructions.