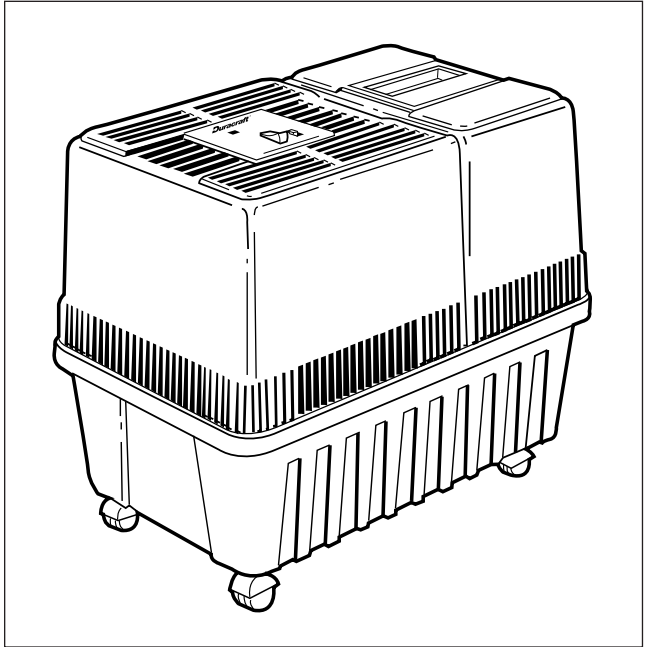


Duracraft®



OWNER'S MANUAL

**NATURAL MOISTURE®
CONSOLE HUMIDIFIER**

Models DH-799, DH-7800

IMPORTANT SAFETY INSTRUCTIONS

READ ALL INSTRUCTIONS BEFORE USING THIS HUMIDIFIER. SAVE THE INSTRUCTIONS FOR EASY REFERENCE.

WHEN USING ANY ELECTRICAL APPLIANCE, BASIC SAFETY PRECAUTIONS SHOULD BE FOLLOWED INCLUDING:

1. This humidifier may not work properly on an uneven surface. Always place this humidifier on a firm, flat and level surface.
2. Place this humidifier in an area where it is not accessible to children.
3. Do not place the humidifier near any heat sources such as stoves, radiators and heaters.
4. Before using the humidifier, check the power cord for any signs of damage. If the cord is found to be damaged, **DO NOT USE** and return the humidifier to Duracraft under the warranty agreement for repair.
5. This product is equipped with a polarized AC-line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. **This is a safety feature. NEVER** connect the humidifier to any power source other than a 120V AC polarized outlet. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact an electrician to replace the obsolete outlet. **DO NOT defeat the safety purpose of the polarized plug.**
6. The humidifier should always be unplugged and emptied when not in operation or while being serviced or cleaned.
7. Never tilt or attempt to move the humidifier while it is operating or filled with water. **UNPLUG** the humidifier before moving.
8. This humidifier requires regular cleaning. Refer to the **CLEANING** instructions provided. Never clean the humidifier in any manner other than as instructed in this manual.
9. Turn the humidifier OFF if the relative humidity exceeds 60%, or if you notice moisture on the inside of your windows. For proper humidity readings use a hygrometer which is available in many hardware and department stores, or by ordering one from Duracraft (see Replacement Parts and Care Products).

INTRODUCTION

Thank you for purchasing a DURACRAFT® NATURAL MOISTURE® CONSOLE HUMIDIFIER.

Before using your humidifier, we would like to explain the benefits of maintaining your home or office at the proper humidity level.

HEALTH

Your body needs moisture to stay healthy and comfortable. Dry air can be damaging and irritating. The Duracraft® Natural Moisture® Console Humidifier can help relieve:

- Dry, itchy skin and chapped lips.
- Cold symptoms and congestion.
- Dry, scratchy throat and coughs.

For serious medical conditions, always consult your physician prior to use.

ENVIRONMENT

Maintaining the proper moisture level in your home or office with your Duracraft® Natural Moisture® Console Humidifier will also:

- Replace needed moisture in furniture.
- Keep indoor plants moist and healthy.
- Eliminate cracking and dryness in wood furniture and fixtures.
- Minimize static electricity.

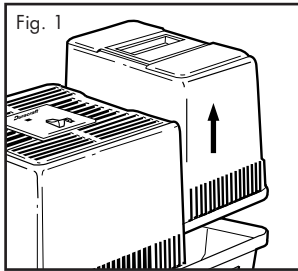
HOW DOES IT WORK?

Dry air is pulled through the Natural Moisture® system and a quiet fan disperses invisible, moisture-balanced air. Unwanted minerals and bacteria from the water are trapped inside the Natural Moisture® filters. There is no "mist" or excessive condensation emitted.

The Duracraft® exclusive Automatic Moisture Balance System™ increases moisture output when the air is dry and lowers the moisture output when the humidity level is high. This automatically helps to adjust the output for maximum comfort and helps prevent condensation.

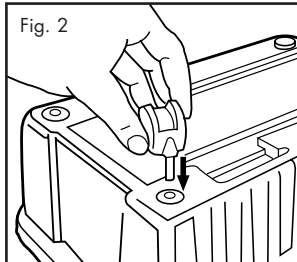
SET UP

• Take the humidifier out of its carton. Remove the water tank from the right side (Figure 1). Remove the power unit from the left side. Then remove any additional packing material and the hardware packet containing the four swivel casters.



• To install the swivel casters (optional), turn the base upside down and align the casters with the four holes at the bottom of the base. Push the casters into the holes until a distinct “click” is heard (Figure 2). **NEVER USE A TOOL TO STRIKE THE BASE—THIS COULD RESULT IN DAMAGE TO THE BASE, CAUSING WATER LEAKAGE.**

• Return the base to its original upright position.



• Select a firm, level, flat location — at least six inches (15 cm) from any wall for proper air flow and convenient to an electrical outlet.

• Place the humidifier on a water-resistant surface, as water can damage furniture and some flooring. **Duracraft will not accept responsibility for property damage caused by water spillage.**

FILLING

We recommend that the humidifier be disinfected prior to first use. Please see **CLEANING** instructions.

• To reduce residue buildup, remove the Natural Moisture® filters before filling the humidifier. Run them under

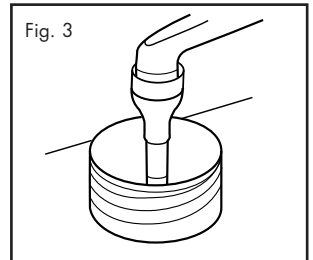
cold water. Turn the filters upside down before repositioning them in the reservoir base.

To help extend the life of your filters, repeat this step every time you fill your humidifier.

• Remove the power unit from the left side of the unit.

• Remove the No Drip™ water tank from the right side of the unit.

• Turn the No Drip™ water tank upside down and remove the fill cap by turning counter-clockwise. If the water tank will not fit under a faucet for direct filling, use the Fill Hose. Fit the funnel end of the hose over the faucet and place the small end into the water tank (Figure 3).



• Fill the tank with COOL tap water. Distilled water is not necessary as the water is filtered by the Natural Moisture® filters. DO NOT USE HOT WATER.

• After filling the tank, remove the Fill Hose from the faucet and let any remaining water drip into the tank before moving the other end of the hose.

• Replace the fill cap by turning it clockwise. DO NOT OVER TIGHTEN.

NOTE: WHEN CARRYING THE FILLED WATER TANK, PLEASE USE THE HANDLE AND PLACE YOUR OTHER HAND UNDER THE TANK FOR ADDITIONAL SUPPORT.

- Turn the water tank right-side up and reposition in the humidifier.
- Some water will empty into the reservoir base when the filled water tank is properly positioned.

NOTE: WITH THE FILLED WATER TANK PROPERLY POSITIONED ONTO THE HUMIDIFIER, IT WILL SLOWLY EMPTY ITS WATER INTO THE BASE RESERVOIR. THE WATER TANK HOLDS APPROXIMATELY 3 GALLONS (11 LITRES) AND THE BASE RESERVOIR CAN HOLD 5 GALLONS (19 LITRES).

IT WILL THEREFORE BE NECESSARY TO FILL THE TANK A TOTAL OF THREE TIMES FOR A COMPLETE FILL OF 8 GALLONS (30 LITRES).

Status	Base Reservoir	Tank	Total
After Fill #1	3 Gallons 11 Litres	Empty	3 Gallons 11 Litres
After Fill #2	5 Gallons 19 Litres	1 Gallon* 4 Litres*	6 Gallons 23 Litres
After Fill #3	5 Gallons 19 Litres	3 Gallons 11 Litres	8 Gallons 30 Litres

*There is some residual water left in the tank after Fill #2.

NOTE: ALL TABLE QUANTITIES ARE APPROXIMATE VALUES.

• Once the filled tank has been positioned, do not attempt to move the humidifier. If it has to be moved, unplug the humidifier and remove the water tank first.

• Reposition the Power Unit on the left above the Natural Moisture® filters.

NOTE: DO NOT POUR WATER INTO THE GRILL THROUGH THE TOP OF THE POWER UNIT. DOING SO MAY DAMAGE THE HUMIDIFIER OR CAUSE PERSONAL INJURY.

OPERATION

• With the power switch in the OFF position, plug the filled humidifier into a polarized 120V outlet. **DO NOT FORCE THE POLARIZED PLUG INTO THE OUTLET;** it will only fit one way.

CAUTION: DO NOT PLUG IN THE HUMIDIFIER WITH WET HANDS AS AN ELECTRIC SHOCK COULD OCCUR.

• Turn on the humidifier; the Power Switch will illuminate.

• Set the Moisture Output Control to the desired speed:

– SUPER for fast humidifying.

– HI for normal operation.

– QUIET for quieter operation.

• The length of time of your humidifier runs will vary depending on the quality of construction and insulation of your room or house, as well as the fan speed.

• Turn the humidifier OFF if you notice condensation forming on walls or windows.

• The humidifier will automatically shut off and the REFILL light will illuminate when the unit is near empty. Refill the water tank and restart, if you wish to continue using the humidifier.

- ALWAYS be sure to discard any unused water in the base each time you refill the water tank or finish using the humidifier.

CLEANING

We recommend that you clean the humidifier once a week, or more often if you:

- have hard water,
- notice a build-up of impurities, or
- detect unpleasant odors.

Using DuraSept™ Humidifier Bacteriostatic Treatment (#AC-802) will help control the growth of bacteria, algae, and odors and help extend the life of the Natural Moisture® Filters.

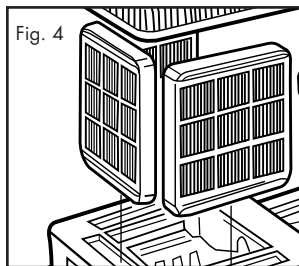
NOTE: THE USE OF OTHER WATER TREATMENT PRODUCTS MAY CAUSE DETERIORATION OF THE FILTER OR DAMAGE THE HUMIDIFIER; THEREBY, HINDERING THE HUMIDIFIER'S EFFECTIVENESS.

DO NOT USE SOAP, DETERGENTS, OR ABRASIVE CLEANSERS.

Cleaning involves two steps: **SCALE REMOVAL** and **DISINFECTING**.

Be sure to perform these in the proper order to avoid harmful chemical interactions.

- First, turn off and unplug the humidifier.
- Remove the water tank by grasping the handle and pulling straight up. Set aside.
- Lift out the three Natural Moisture® filters. Open the frames by pushing down on the two tabs at one end of the frame only. (Figure 4)



Remove the filters from their frames and set aside.

- Replace the empty Natural Moisture® filter frames in the base.

Step One: WEEKLY SCALE REMOVAL (Water Tank, Reservoir Base, and Filter Frames)

- Fill the **reservoir base** with DuraRinse™ Humidifier Cleaner (#AC-816), following bottle instructions, or one 8-oz (250 ml) cup of undiluted white vinegar. Let solution stay for 20 minutes.

- Use a sponge or soft brush to loosen any scale residue in the reservoir base and on the Natural Moisture® filter frames.

- Rinse thoroughly with warm, clean water to remove scale and cleaning solution.

- Be sure the **water tank** is empty. Fill with water and DuraRinse®, following bottle instructions, or one 8-oz. (250 ml) cup of undiluted white vinegar.

- Replace the fill cap and shake vigorously.
- Empty the water tank and rinse thoroughly with warm clean water.

Step Two: WEEKLY DISINFECTING (Water Tank and Reservoir Base)

- Fill the **water tank** with 1 teaspoon of chlorine bleach in 1 gallon (4 litres) water. Let the solution stand for 20 minutes, swishing every few minutes to wet all inner surfaces.

- Carefully empty the water tank. Rinse with water until the bleach smell is gone.

- Repeat for **reservoir base**.

AFTER DISINFECTING . .

- Clean all surfaces of the **power unit** with a dry soft cloth. **DO NOT USE WATER TO CLEAN THE POWER UNIT. THIS MAY DAMAGE THE HUMIDIFIER OR CAUSE ELECTRIC SHOCK.**

- If you have hard water you may need to clean or change the filters more often. If the filters are dirty, rinse them in cold tap water, and turn filters upside down before repositioning in the base. Do not squeeze or wring out pad. Do not soak pad in bleach or vinegar. When the filters turn dark brown, replace them. Using DuraSept™ Humidifier Bacteriostatic Treatment will help extend the life of the filters. For best and

proven results always use Duracraft® Natural Moisture® Filters available from your local store or from Duracraft.

NOTE: THE FAN MOTOR OF THIS HUMIDIFIER AND THE NATURAL MOISTURE® FILTERS ARE DESIGNED TO FUNCTION EFFICIENTLY AS A SET. Using any other filter could damage the humidifier's motor or impair its performance.

- Remove the filters from their frames and run under tap water. Turn each filter upside down before putting it back into its frame. Slide the filters and frames back into position in the base.

- Reposition the water tank in the humidifier.

- Reposition the Power Unit.

END-OF-SEASON CARE AND STORAGE

- Follow weekly **CLEANING** instructions at end of humidification sea-

son or when humidifier will not be used for at least one week or more.

- Remove and throw away filters; do not store with used filters.

SAVE THE FILTER FRAMES FOR USE WITH YOUR REPLACEMENT FILTERS.

- Let humidifier dry completely before storing. Do not store with water inside the reservoir base.

- Remove swivel casters from base (only if you wish to pack humidifier in its original carton).

- Pack the humidifier and swivel casters in their original carton and store in a cool, dry location.

- If the humidifier will not fit in its original carton, cover it with cloth or dust-proof material.

- Remember to install new filters and clean the humidifier at the start of the next humidification season.

ELECTRICAL RATINGS

This product is rated 0.8 amps at 120V, 60 Hz.

NOTE: IF YOU EXPERIENCE A PROBLEM WITH YOUR HUMIDIFIER'S POWER UNIT, PLEASE SEE THE WARRANTY FOR INSTRUCTIONS. PLEASE DO NOT ATTEMPT TO OPEN OR REPAIR THE HUMIDIFIER YOURSELF. DOING SO WILL VOID THE WARRANTY AND

COULD CAUSE DAMAGE OR PERSONAL INJURY. IF THE PROBLEM STILL PERSISTS, PLEASE CALL:

DURACRAFT CORP.
CUSTOMER SERVICE
DEPARTMENT

TOLL FREE: 1-800-554-4558

Business Hours:
Monday – Friday
8:00 AM – 10:00 PM (EST)

Saturday, Sunday
8:30 AM – 5:00 PM (EST)

Mail questions or
comments to:

DURACRAFT CORP.
Consumer Relations Dept.
250 Turnpike Road
Southborough, MA
01772 U.S.A.

**Please be sure to specify
model number.**

TO AUTOMATE YOUR HUMIDIFIER

You can automate your humidifier with a HumidiSet® Remote Humidistat (Model AC-807). With this controller you can set the desired

humidity level in your house and the controller will automatically turn the humidifier ON and OFF to maintain your desired moisture setting. To order,

complete and mail the enclosed order form or call Duracraft Customer Service Department on our toll-free number: 1-800-554-4558.

CARE PRODUCTS

Model AC-802 — DuraSept™ Humidifier Bacteriostatic Treatment helps control the growth of bacteria and algae in your humidifier and helps prevent unpleasant mildew odors. It can also help extend the life of the Natural Moisture® Filters. For best results, DuraSept™ should be added every time you fill your humidifier.

Model AC-816 — DuraRinse™ Humidifier Cleaner helps soften lime scale and mineral deposits when cleaning the Natural Moisture® Console Humidifier. DuraRinse™ should be used whenever you begin to notice discoloration in the humidifier's reservoir or water tank.

Model AC-817 — DuraFree™ Humidifier Water Softener softens hard water impurity

deposits in the reservoir and on the Natural Moisture® Filters so they can be easily rinsed away.

Model AC-850 — Humidifier Complete Care Kit A complete care kit for your Natural Moisture® Console Humidifier, including one 32-oz (946 ml) bottle of each of the above products: DuraSept™, DuraRinse™ and DuraFree™.

LIMITED WARRANTY

NATURAL MOISTURE® CONSOLE HUMIDIFIER

This product has been engineered and crafted with great care for your satisfaction.

Please read all instructions before attempting to use this product. **Be sure to fill out and return the enclosed card within 7 days of purchase.**

A. This 5 year limited warranty applies to repair or replacement of product found to be defective in material or workmanship. This warranty does not apply to damage resulting from commercial, abusive, unreasonable use or supplemental damage. Defects that are the result of normal wear and tear will not be considered manufacturing defects under this warranty. Duracraft is not liable for incidental or consequential damages of any nature. Any implied warranty of merchantability or fitness for a particular purpose on this product is limited in duration to the duration of this warranty. Some regions 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 exclusions may not apply to you. This warranty gives you specific legal rights, and you also may have other rights which vary from region to region. This warranty applies only to the original purchaser of this product.

B. At its option Duracraft will repair or replace this product if it is found defective in material or workmanship. Defective product should be returned directly to Duracraft.

C. This warranty does not cover damage resulting from any unauthorized attempts to repair or from any use not in accordance with this manual.

D. Return defective product to the following address with a brief description of the problem. Include proof of purchase and a \$12 U.S./\$16.25 Can. check or money order for handling, return packing and shipping charges. Please include your name, address and a daytime phone number. You must prepay shipping charges.

Mark carton **“Attention Repair Department.”** Ship to:

Duracraft Corp.
Southpoint Distribution Center
4755 Southpoint Drive
Memphis, TN 38118
U.S.A.

NOTE: THIS WARRANTY DOES NOT COVER THE NATURAL MOISTURE® FILTER, WHOSE PERFORMANCE WILL DEPEND UPON THE CONDITION OF THE WATER USED IN THE HUMIDIFIER.

