

Duracraft®



Models DH-911/ DH-912

OWNER'S MANUAL

**NATURAL WARM
MOISTURE™ HUMIDIFIER**

Models DH-909, DH-910,
DH-911 and DH-912

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).
10. Do not touch the steam vapor. Steam can cause burns.

INTRODUCTION

Thank you for purchasing a DURACRAFT® NATURAL WARM MOISTURE™ HUMIDIFIER.

This humidifier produces warm moisture. It automatically shuts off when the tank is empty or removed, or when the Mist Chamber is removed.

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 Warm Moisture™ 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 Warm Moisture™ Humidifier will also help to:

- 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?

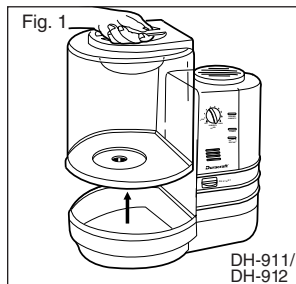
Water passes into the Mist Chamber where it is heated and purified. The Natural Warm Moisture™ System then pulls the air through the top vent and disperses invisible, moisture-balanced air into the room.

SET UP

- Select a firm, level, flat location — at least six inches 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.*

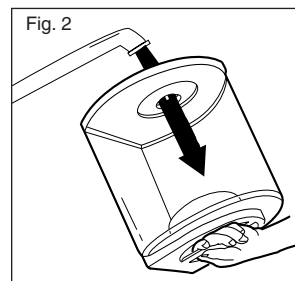
FILLING

- We recommend that the humidifier be disinfected prior to first use. Please see **CLEANING** instructions.
- Remove the No Drip™ water tank by grasping the handle and pulling straight



up (Figure 1).

- Turn the water tank upside-down so that the fill cap is facing up; unscrew the fill cap by turning it counter-clockwise and set aside.
- Fill the tank with **COOL** tap water (Figure 2). **DO NOT USE HOT WATER.** Distilled water is not necessary as the water is purified by the heating element.



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

NOTE: WHEN CARRYING THE FILLED WATER TANK, PLEASE USE THE HANDLES ON THE TOP AND BOTTOM OF THE TANK FOR ADDITIONAL SUPPORT.

- Turn water tank right-side up.
- Position water tank into the humidifier and push it into place.
- Some water will empty into the reservoir base when the filled water tank is properly positioned.
- 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.

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

OPERATION

THIS HUMIDIFIER USES NEW TECHNOLOGY. HEALTHFUL MIST, FREE OF IMPURITIES, IS NEARLY INVISIBLE.

- With the power switch in the OFF position, plug the filled humidifier into a polarized 120V outlet.

CAUTION: DO NOT PLACE ANYTHING ON TOP OF UNIT WHILE RUNNING, DAMAGE WILL OCCUR.

- **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.

MODELS DH-909/DH-910

- Set the Moisture Output control to the desired position: HIGH for fast humidifying or LOW for quieter operation. Press the RESET button located on the front of the unit. This will start the humidifier and the power light will illuminate.

- Allow 2 to 5 minutes for the base to fill with water and for the humidifier to begin producing moisture.
- When you are finished using the humidifier, turn the power switch to OFF.
- ALWAYS be sure to discard any unused water in the base each time you refill the water tank or finish using the humidifier.

MODELS DH-911/DH-912

- Turn the Humidity Level knob to the HIGH position (the darkest raindrop). Press the RESET button located on the front of the unit. This will start the humidifier and the power light will illuminate.

NOTE: IF THE HUMIDIFIER WILL NOT RUN, THE HUMIDISTAT MAY BE SET TOO LOW. MOVING THE HUMIDITY LEVEL KNOB TO A HIGHER SETTING (CLOCKWISE) SHOULD RESTART THE UNIT.

- Allow 2 to 5 minutes for the base to fill with water and for the humidifier to begin producing moisture.

- When a comfortable humidity level is reached, lower the Humidity Level (Humidistat) setting slowly until the heating element shuts off. The DESIRED HUMIDITY light will illuminate, indicating that the desired humidity setting has been reached. The Humidistat will automatically restart the heating element each time the humidity level falls below this setting. This "ON/OFF" cycle will continue periodically while the humidifier is in use.

NOTE: When the DESIRED HUMIDITY light illuminates, the power light will shut off.

- If condensation forms on walls or windows, lower the Humidistat.
- When you are finished using the humidifier, turn the power switch to OFF.
- ALWAYS be sure to discard any unused water in the base each time you refill the water tank or finish using the humidifier.

REFILLING THE HUMIDIFIER

- The humidifier will automatically shut off when it is empty. Refill when the tank is empty or when the REFILL light glows (DH-911/DH-912).

- ALWAYS be sure to discard any unused water in the water tank or base before refilling.

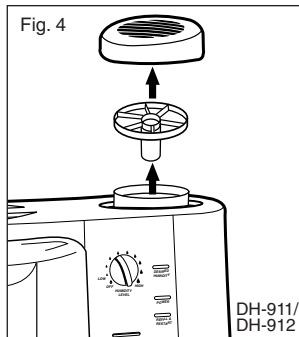
IMPORTANT: AFTER FILLING THE TANK AND REPOSITIONING IT INTO THE HUMIDIFIER, THE "RESET" SWITCH MUST BE PRESSED ONCE THE HUMIDIFIER HAS BEEN TURNED TO AN "ON" POSITION. IF THE "RESET" SWITCH IS NOT PUSHED, THE UNIT WILL NOT RESTART. THIS IS A SAFETY FEATURE.

USING THE MEDICINE CUP

A medicated vapor can be distributed by using the medicine cup at the top of the humidifier.

To add liquid medication to the medicine cup:

- Switch humidifier to OFF and allow the removable grill to cool down.
- **Models DH-909/DH-910:** Lift the removable grill with the built-in medicine cup off the unit.
- **Models DH-911/DH-912:** Lift the removable grill off (Figure 4) to access the medicine cup. Remove the medicine cup from the Mist Chamber.



- Carefully add liquid medication; do not fill cup more than half full.

- Carefully place the medicine cup/removable grill back into the top of the Mist Chamber.

- Switch unit on.

- After use, remove the medicine cup from the unit and clean any residue from the cup with warm water or in the dishwasher. Replace the medicine cup/removable grill in the Mist Chamber.

WARNING: DO NOT USE any liquid medicine other than those specifically recommended for use with a steam vaporizer. DO NOT pour medicine directly into the grill openings or add it to the water in the tank.

DURACRAFT ASSUMES NO RESPONSIBILITY FOR CONSEQUENCES RESULTING FROM THE USE OF MEDICATIONS IN THIS 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.

It is normal for deposits from tap water to collect in the Remove and Rinse™ tray.

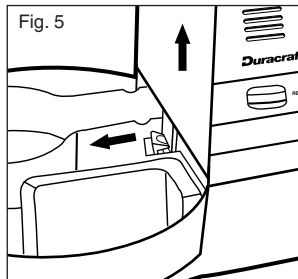
DO NOT USE SOAP, DETERGENTS, OR ABRASIVE CLEANSERS.

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. Wait at least ten minutes for the humidifier to cool.
- Remove the No Drip™ water tank by grasping the handle and pulling straight up.

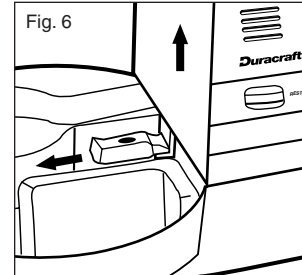
MODELS DH-909/DH-910

- Remove the Mist Chamber by pushing the locking tab and lifting up from the Base (Figure 5). *Never remove the Mist Chamber until the humidifier has cooled.*



MODELS DH-911/DH-912

- Remove the Mist Chamber by pulling out the locking knob and lifting up from the base (Figure 6). *Never remove the Mist Chamber until the humidifier has cooled.*
- DO NOT clean the Mist Chamber or heating element under running water. Doing so may cause damage or personal injury.



- Use a dry, soft cloth to wipe the outer surfaces.

Step One: WEEKLY SCALE REMOVAL (Remove and Rinse™ Tray)

- Lift the Remove and Rinse™ tray out of the unit.
- Fill the Remove and Rinse™ tray with DuraRinse™ Humidifier Cleaner (#AC-816), following bottle instructions, or one 8-oz. cup of undiluted white vinegar. Let solution stay for 20 minutes.
- With DuraRinse™ or vinegar still in the tray, clean all interior surfaces of the tray with a soft brush or cloth to remove scale.

CLEANING **cont.**

- Flush the Remove and Rinse™ tray thoroughly with clean, warm water to remove scale and cleaning solution.

NOTE: Remove and Rinse™ tray is dishwasher-safe. If you choose to clean it this way, instead, you may skip the Weekly Disinfecting Step.

Step Two: WEEKLY DISINFECTING (No Drip™ Water Tank and Remove and Rinse™ Tray)

- Be sure the water tank is empty. Fill with 1 teaspoon chlorine bleach in 1 gallon water. Let solution stay 20 minutes, swishing every few minutes to wet all surfaces.
- Empty tank after 20 minutes. Rinse with water until bleach smell is gone.
- Repeat for the Remove and Rinse™ tray if you have not cleaned it in the dishwasher.

AFTER DISINFECTING...

- Reposition the medicine cup, tray, power unit (locking securely), and water tank in the base.

Special Maintenance — Heating Element

- If the output drops, or if the REFILL light illuminates while there is water in the tank (DH-911, DH-912), scale buildup needs to be removed from the heating element.
- The heating element is located on the bottom of the Mist Chamber. To access it, pull out the locking knob and lift the Mist Chamber directly up off the base. Turn it over.

BE SURE YOU TURN OFF AND UNPLUG THE UNIT AND ALLOW THE HUMIDIFIER TO COOL SUFFICIENTLY BEFORE CLEANING THE HEATING ELEMENT.

- Use a non-metallic brush or a dry, soft cloth to wipe the outer surfaces.

- **DO NOT** clean the heating element under running water. Doing so may cause damage or personal injury.

How often you perform this special maintenance depends upon the hardness of your water and how quickly mineral deposits form on the interior surfaces of the humidifier.

END-OF-SEASON CARE AND STORAGE

- Follow weekly CLEANING instructions at end of humidification season or when humidifier will not be used for at least one week or more.
- Let humidifier dry completely before storing. Do not store with water inside the reservoir base or water tank.
- Pack the unit in its original carton and store in a cool, dry location.
- Remember to clean the humidifier at the start of the next humidification season.

ELECTRICAL RATINGS

The DH-909/DH-910 is rated 2.3 amps at 120V, 60 Hz.

The DH-911 is rated 2.3 amps at 120V, 60 Hz.

The DH-912 is rated 3.2 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.
CONSUMER RELATIONS
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.

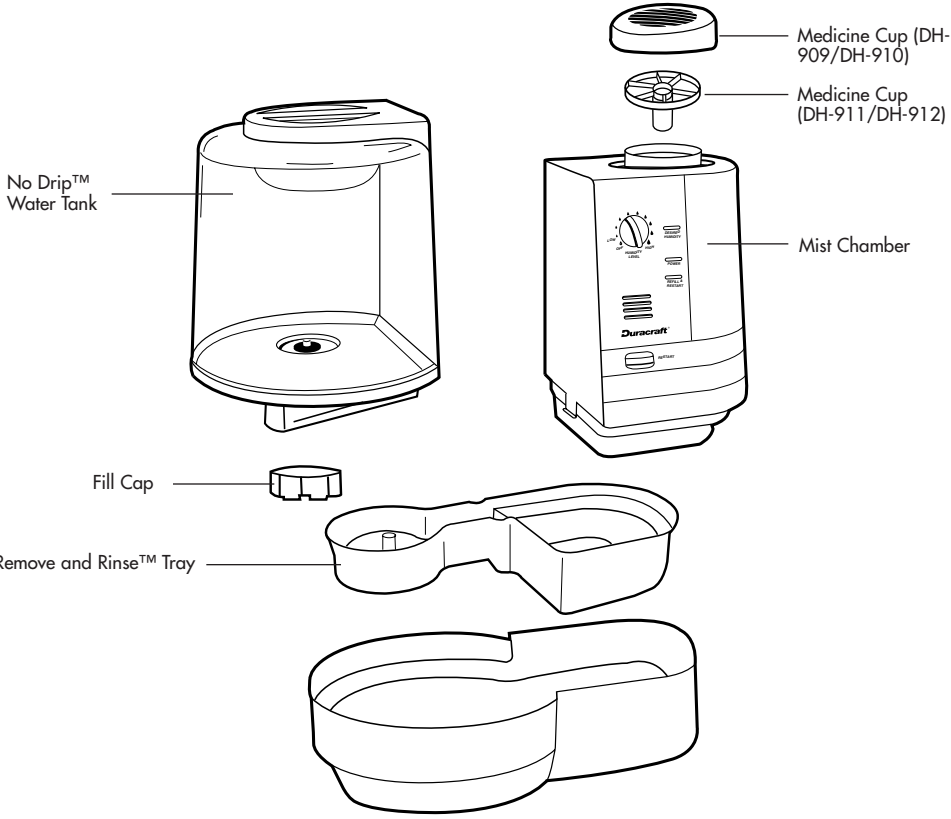
**Please be sure to specify
model number.**

CARE PRODUCTS

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

REPLACEMENT PARTS AND CARE PRODUCTS

To order replacement parts or care products, complete and mail the enclosed Order Form. Be sure to include a check or money order payable to Duracraft Corporation or call the Duracraft Consumer Relations Department on our toll-free number: 1-800-554-4558. VISA, MASTER-CARD or DISCOVER are accepted. The above prices do not include shipping charges or sales tax where applicable.



ORDER FORM FOR MODELS DH-909, DH-910, DH-911 & DH-912

REPLACEMENT PARTS AND CARE PRODUCTS

If your local dealer is out of stock, Duracraft replacement parts and care products may be ordered directly. Fill out the form and mail it along with a check or money order (no cash, please) to Duracraft Corp. at the address shown below. Please allow four weeks for delivery. Massachusetts residents add 5% Sales Tax. Canadian residents please add 7% G.S.T. plus applicable provincial taxes.

Item	Item No.	Quantity	Price U.S.	Price Can.	Total
For Models DH-909/DH-910					
No Drip™ Water Tank w/Fill Cap	DH-909-1		\$14.99	\$20.24	
Fill Cap	DH-909-2		\$ 5.00	\$ 6.75	
Remove and Rinse™ Tray	DH-909-3		\$15.00	\$20.25	
Medicine Cup	DH-909-4		\$ 5.00	\$ 6.75	
Mist Chamber	DH-909-5		\$20.00	\$27.00	
DuraRinse™ Humidifier Cleaner (32 oz.)	AC-816		\$ 5.00	\$ 6.75	
Hygrometer (measures room humidity level)	AC-900		\$14.99	\$20.24	
For Models DH-911/DH-912					
No Drip™ Water Tank w/Fill Cap	DH-911-1		\$19.99	\$26.99	
Fill Cap	DH-911-2		\$ 5.00	\$ 6.75	
Remove and Rinse™ Tray	DH-911-3		\$15.00	\$20.25	
Medicine Cup	DH-911-4		\$ 5.00	\$ 6.75	
Mist Chamber	DH-911-5		\$20.00	\$27.00	
DuraRinse™ Humidifier Cleaner (32 oz.)	AC-816		\$ 5.00	\$ 6.75	
Hygrometer (measures room humidity level)	AC-900		\$14.99	\$20.24	

Parts and accessories subject to availability. Prices may change without notice.

CHECK OR MONEY ORDER ENCLOSED. NO COD'S ACCEPTED.

SEND TO: Duracraft Corp.
Customer Service Department
250 Turnpike Road
Southborough, MA 01772 U.S.A.
Attn: Customer Service Department

SUBTOTAL		
7% G.S.T. & applicable provincial taxes		
MA Residents add 5% Sales Tax		
Shipping and Handling	\$4.50 U.S./ \$6.10 Can.	
TOTAL ENCLOSED		

Name _____

Address _____

Daytime phone no. (_____) _____

In case we need to contact you about your order.

or for MasterCard, Visa and Discover orders:

Cardholder name (please print): _____

Cardholder signature: _____

Card Number: _____

Please Check: MasterCard Visa Discover

LIMITED WARRANTY

DURACRAFT® NATURAL WARM MOISTURE™ 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 3 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 spe-

cific 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 U.S. \$8.00/Can.\$10.80 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.