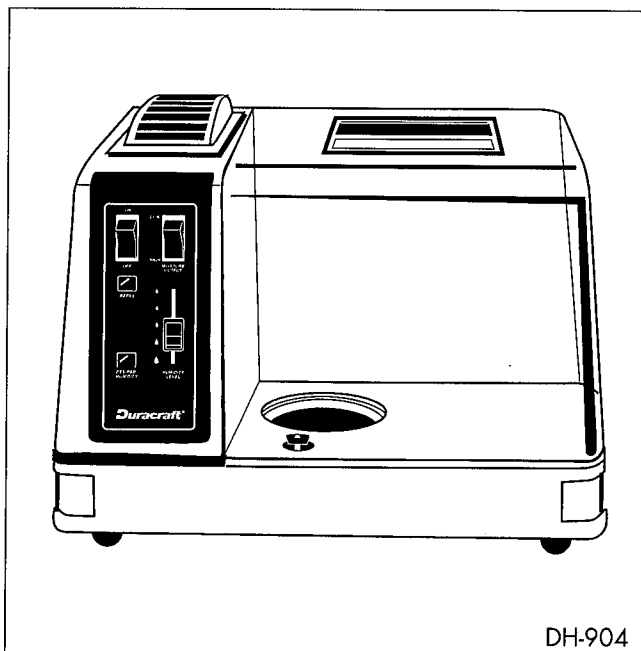


**Duracraft®**



**OWNER'S MANUAL**

**NATURAL WARM  
MOISTURE™ HUMIDIFIER**

Models DH-901, DH-902, DH-903, DH-904

## IMPORTANT SAFETY INSTRUCTIONS

**READ ALL INSTRUCTIONS BEFORE USING THIS HUMIDIFIER AND SAVE THESE IMPORTANT INSTRUCTIONS FOR EASY REFERENCE.**

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

1. Always place the humidifier on a firm, flat, and level surface. It may not work properly on an uneven surface.
2. Place the 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, or 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. Please 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%. For proper humidity readings, use an 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 Warm Moisture™ HUMIDIFIER.

This humidifier produces WARM moisture. It is equipped with the Mist Breaker™ Safety System, which automatically shuts the humidifier off if it is accidentally tipped over, runs out of water, or if the tank 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:

- 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.

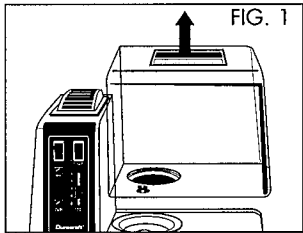
## SET UP

- 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 hot water can damage furniture and some flooring. **Duracraft® will not accept responsibility for property damage caused by water spillage.**

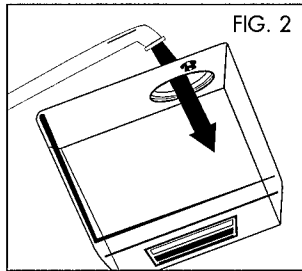
## FILLING

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

- Remove the No Drip™ water tank by grasping 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.** Turn water tank right-side up.

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

- Position water tank into the humidifier and push it into place.
- This humidifier is equipped with the electronic Mist Breaker™ Safety System, which will not allow it to operate unless the tank is properly positioned.
- 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 MIST CHAMBER. 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.**

- Slide the Humidity Level control to the HIGH position—the darkest raindrop (on Models DH-902 and DH-904 only).

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

- Set the Moisture Output control to the desired position:

- HIGH for fast humidifying.

- LOW for quieter operation.

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

**For Models DH-902 and DH-904 only:** 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 then 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.

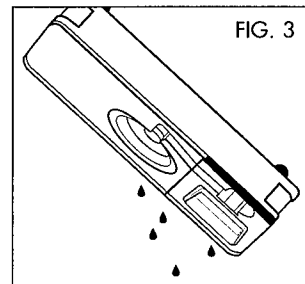
**NOTE: If your DH-902 or DH-904 humidifier does not begin to produce moisture after a few minutes, the humidistat may be set too low. If this happens, slide the Humidity Level (Humidistat) control to the HIGH position to start the humidifier.**

## HUMIDISET® REMOTE HUMIDISTAT

**(For Models DH-901 and DH-903 only):** You may upgrade your humidifier with the HumidiSet® remote humidistat from Duracraft. HumidiSet® will automatically maintain your desired humidity level by turning the humidifier on and off as needed. See Replacement Parts and Care Products.

- If condensation forms on walls or windows when using Models DH-902 or DH-904, lower the Humidistat; when using Models DH-901 or DH-903, turn the humidifier 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. (Figure 3)

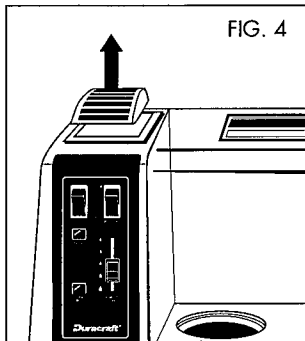


## USING THE MEDICINE CUP

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

To add medicine to the vapor:

- Switch humidifier to OFF and allow removable grill to cool down.
- 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 the cup more than half way.
- Carefully place the medicine cup back into the top of the Mist Chamber.

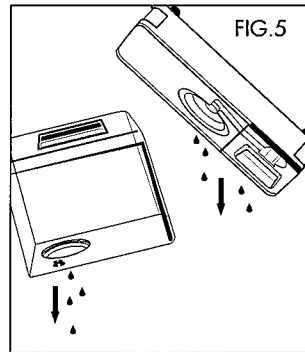
- Replace the removable grill back on the unit.
- Switch unit to ON.
- After use, remove the medicine cup from the unit and clean any residue from the cup with warm water or in the dishwasher. Replace the medicine cup and grill in the Mist Chamber.

**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.**

- The humidifier will automatically shut off when it is empty. Refill when the REFILL light glows.
- When you are finished using the humidifier, turn the power switch to OFF.

- ALWAYS be sure to discard any unused water in the water tank or base before storing or refilling. (Figure 5)



## CLEANING

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

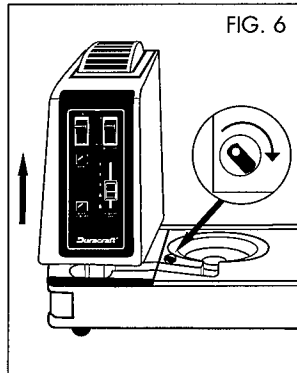
- have hard water,
- notice a build-up of impurities, or
- detect unpleasant odors.

It is normal for deposits from tap water to collect in the Rinse-to-Clean® Base.

### 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 10 minutes for the humidifier to cool.
- Lift the water tank from its base, using the handle.
- Then remove the Mist Chamber by turning the locking knob (Figure 6) clockwise and lifting up from the base.



- DO NOT clean the Mist Chamber under running water. Doing so may cause damage or personal injury.

### STEP ONE:

#### WEEKLY SCALE REMOVAL (RINSE-TO-CLEAN® BASE)

- Fill the Rinse-to-Clean® base 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 base, clean all interior surfaces

with a soft brush or cloth to remove scale.

- Rinse the Rinse-to-Clean® base thoroughly with clean, warm water to remove scale and cleaning solution.

**NOTE: The Rinse-to-Clean® tray is dishwasher-safe. If you choose to clean it weekly this way, you may skip the Weekly Disinfecting Step below.**

### STEP TWO:

#### WEEKLY DISINFECTING (NO DRIP™ WATER TANK AND RINSE-TO-CLEAN® BASE)

- 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.

## **CLEANING** cont.

- Empty tank after 20 minutes. Rinse with water until bleach smell is gone.
- Repeat for the Rinse-to-Clean® base if you have not cleaned it in the dishwasher.

### **AFTER DISINFECTING...**

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

## **SPECIAL MAINTENANCE HEATING ELEMENT**

- If the output drops, or the REFILL light illuminates while there is water in the tank, scale buildup may need to be removed from the heating element.
- The heating element is located on the bottom of

the Mist Chamber. To access it, lift the Mist Chamber directly up off the base by turning the locking knob clockwise, and turn it over. **BE SURE YOU HAVE ALLOWED 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 the end of humidification season or when the humidifier will not be used for at least one week or more.
- Let the humidifier dry completely before storing. Do not store with water inside the 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

Models DH-901 and DH-902 are rated 2.5 amps at 120V, 60Hz.

Models DH-903 and DH-904 are rated 2.9 amps at 120V, 60Hz.

**NOTE: IF YOU EXPERIENCE A PROBLEM WITH YOUR HUMIDIFIER'S MIST CHAMBER, PLEASE SEE THE WARRANTY FOR INSTRUCTIONS. PLEASE DO NOT ATTEMPT TO OPEN OR REPAIR THE MIST CHAMBER 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.  
Customer Service Dept.  
355 Main Street  
Whitinsville, MA  
01588-1814

**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 Natural Warm  
Moisture™ Humidifier.

DuraRinse™ should be  
used whenever you begin  
to notice discoloration in  
the humidifier's Rinse-to-  
Clean® base or water  
tank.

**REPLACEMENT PARTS AND CARE PRODUCTS**

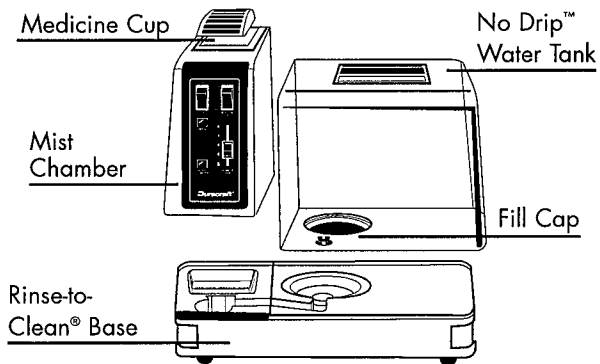
ITEM	For Model DH-901		For Model DH-902		For Model DH-903		For Model DH-904	
	Order Part No. Below	Price	Order Part No. Below	Price	Order Part No. Below	Price	Order Part No. Below	Price
No Drip™ Water Tank w/Fill Cap	901-1	\$10.00	902-1	\$10.00	903-1	\$15.00	904-1	\$15.00
Fill Cap	901-2	\$5.00	902-2	\$5.00	903-2	\$5.00	904-2	\$5.00
Rinse-to-Clean® Base	901-3	\$15.00	902-3	\$15.00	903-3	\$15.00	904-3	\$15.00
Medicine Cup	901-4A	\$5.00	902-4A	\$5.00	903-4A	\$5.00	904-4A	\$5.00
Mist Chamber	901-5A	\$20.00	902-5A	\$20.00	903-5A	\$20.00	904-5A	\$25.00

DuraRinse™ Humidifier  
Cleaner (32 oz.)  
(For use in all models.) AC-816 \$5.00

Hygrometer (measures room humidity level)  
(For use in all models.) AC-900 \$14.99

HumidiSet™ Remote Humidistat  
(For Models DH-901 and DH-903 only) AC-807 \$18.95

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® Customer Service Department on our toll-free number: 1-800-554-4558. VISA and MASTERCARD are accepted for phone orders only. The above prices do not include shipping charges or sales tax where applicable.



**ORDER FORM FOR MODELS DH-901, 902, 903, 904**

**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. Prices shown are in US Dollars only. \*See previous Replacement Parts and Care Products chart for the parts and prices that correspond to your model.

Item (See previous page for item no.)	Item No.*	Quantity	Price	Total
No Drip™ Water Tank w/ Fill Cap				
Fill Cap				
Rinse-to-Clean® Base				
Medicine Cup				
Mist Chamber				
DuraRinse™ Humidifier Cleaner (For use in all models.)	AC-816		\$ 5.00	
Hygrometer (For use in all models.)	AC-900		\$14.99	
HumidiSet™ Remote Humidistat (For Models DH-901 and DH-903 only) See description.	AC-807		\$18.95	

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

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

**SEND TO:**

DURACRAFT® CORP.  
355 Main Street  
Whitinsville, MA 01588-1814

Attn: Customer Service  
Department

SUBTOTAL		
MA Residents add 5% Sales Tax		
Shipping and Handling		\$ 4.50
TOTAL ENCLOSED		

Name \_\_\_\_\_

Address \_\_\_\_\_

Day time phone no. ( \_\_\_\_\_ ) \_\_\_\_\_

## 3 YEAR LIMITED WARRANTY

### DURACRAFT® NATURAL WARM MOISTURE™ HUMIDIFIER

**Models**  
DH-901, DH-902, DH-903, DH-904

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

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 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, or unreasonable use or supplemental damage. Duracraft® is not liable for incidental or consequential damages of any nature. This limitation does not apply to residents of those states that do not permit the exclusion or limitation of incidental or consequential damages. The warranty applies only to the original purchase of this product.

B. At its option, Duracraft® will repair or replace this product if it is found to be 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 the manual.

D. Return defective product to the following address with a brief description of the problem. Include proof of purchase and a \$8 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.  
Repair Department  
355 Main Street  
Whitinsville, MA 01588-1814