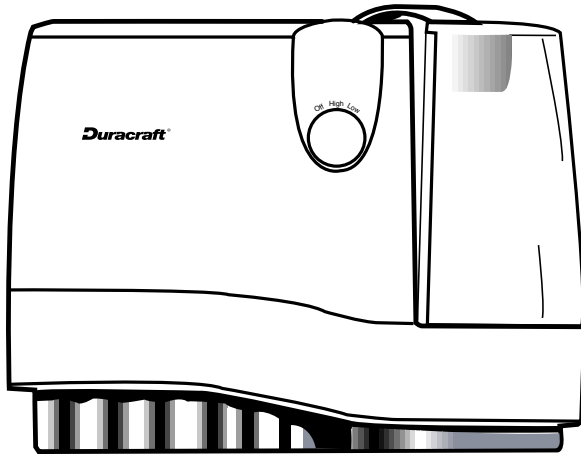


Duracraft®

OWNER'S MANUAL



Model DH-890 Series

**2.0 GALLON (7.6 LITERS)
OUTPUT PER DAY*
NATURAL COOL MOISTURE® HUMIDIFIER**

*Output dependent on room temperature and humidity.

IMPORTANT SAFETY INSTRUCTIONS

READ AND SAVE THESE SAFETY INSTRUCTIONS BEFORE USING THIS HUMIDIFIER

When using electrical appliances, basic precautions should always be followed to reduce the risk of fire, electric shock, and injury to persons, including the following:

1. Always place this humidifier on a firm, flat and level surface. This humidifier may not work properly on an uneven 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 the manufacturer under the warranty agreement for repair.
5. This appliance has a polarized plug (one blade is wider than the other). To reduce the risk of shock, this plug is intended to fit only one way in a polarized outlet. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician. DO NOT attempt to defeat this safety feature.
6. To disconnect the humidifier, first turn controls to the OFF position, then grip the plug and pull it from the wall outlet. Never pull by the cord.
7. A loose fit between the AC outlet (receptacle) and plug may cause overheating and a distortion of the plug. Contact a qualified electrician to replace loose or worn outlet.
8. The humidifier should always be unplugged and emptied when not in operation or while being serviced or cleaned.
9. Never tilt or attempt to move the humidifier while it is operating or filled with water. UNPLUG the humidifier before moving.
10. 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.
11. Turn the humidifier OFF if the relative humidity exceeds 60%, or if you notice moisture on the inside of your windows. For proper humidity reading use a hygrometer, which is available in many hardware and department stores or by ordering one from the manufacturer (see Care Products).

INTRODUCTION

Thank you for purchasing a Duracraft® Natural Cool Moisture® humidifier. If you would like more information on our full line of products please visit our website at: www.honeywell.com/yourhome.

HOW DOES IT WORK?

Natural Cool Moisture® System

The fan pulls dry air through a wet filter and releases invisible moisture into the air. When the unit is running you will not see or feel a “mist”. You will know your humidifier is putting moisture into the air as you watch the water level in your tank decrease throughout the day.

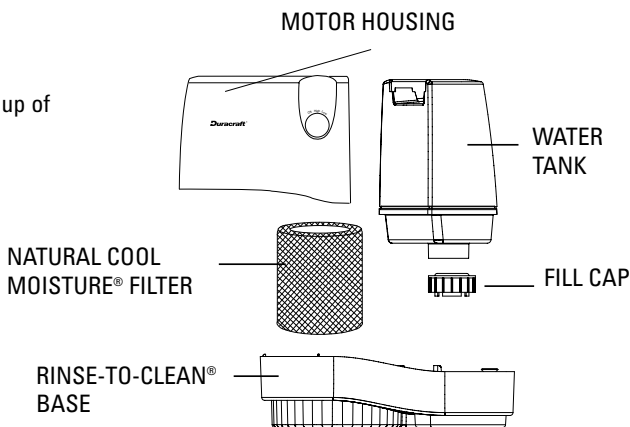
The Duracraft® exclusive Automatic Moisture Balance System® increases moisture output when the air is dry and lowers the moisture output when the humidity level is high. This automatically helps to adjust the output for maximum comfort and helps prevent condensation.

WHAT IS AgION™ ANTIMICROBIAL?

Your DURACRAFT® Natural Cool Moisture® filter has been designed using new AgION™ technology which prevents the growth and migration of surface mold, mildew, fungus and odor causing bacteria in the filter for the filter's life, approximately one season. Keep in mind, depending on your water quality, mineral deposits can still clog or discolor the filter and affect humidifier performance.

MODEL DH-890

Your humidifier is made up of the following parts:

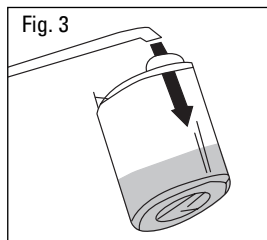
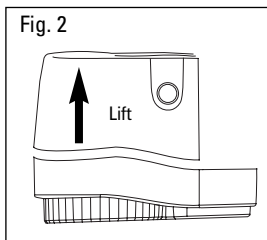
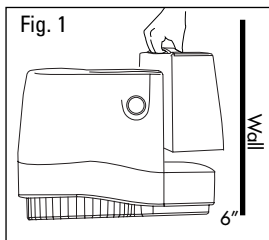


SET UP

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

- Select a firm, level, flat location — at least six inches (15 cm) from any wall for proper air flow (Fig. 1).
- 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



- Remove the water tank by grasping the handle and pulling straight up (Fig. 1).
- Lift up on the Motor Housing to remove and set aside (Fig. 2). Remove the Natural Cool Moisture® filter from the base before filling the unit with water. Soak in a sink full of cool water to help reduce mineral build up and place back in the humidifier while wet. **DO NOT SQUEEZE OR WRING OUT THE NATURAL COOL MOISTURE® FILTER.** To help extend the life of your filter repeat this step each time you fill your humidifier.
- 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 water tank with COOL tap water (Fig. 3). Distilled water is not necessary as the water is filtered by the Natural Cool Moisture® filter. **DO NOT USE HOT WATER.** Doing so may damage the humidifier.
- Replace the fill cap by turning it clockwise ↻. **DO NOT OVER TIGHTEN.** Turn the water tank right-side up.

FILLING CONTINUED

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

- Place the Motor Housing back onto Rinse-to-Clean® Base.
- 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 MOTOR HOUSING. DOING SO MAY DAMAGE THE HUMIDIFIER OR CAUSE PERSONAL INJURY.

OPERATION

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

POWER

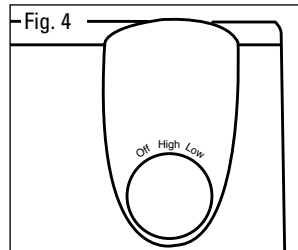
- With the power switch in the OFF position, plug the filled humidifier into a polarized 120V outlet. DO NOT FORCE THE POLARIZED PLUG INTO THE OUTLET; it will only fit one way.

HUMIDITY CONTROL

1. Set the fan speed control to the desired position (Fig. 4).

HIGH: For fast humidifying

LOW: For quieter operation



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

2. Turn the humidifier OFF if the humidity level feels too moist or you notice condensation forming on the walls and/or windows.

ALWAYS be sure to empty any unused water in the Rinse-to-Clean® Base and/or Water Tank each time you refill the water tank or finish using the humidifier.

WEEKLY CLEANING

We recommend cleaning the humidifier once a week, more often if you have hard water or notice a build up of impurities or detect unpleasant odors.

NOTE: THE USE OF OTHER WATER TREATMENT PRODUCTS MAY DAMAGE THE FILTER OR HUMIDIFIER.

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 and Motor Housing.
- **Remove the Natural Cool Moisture® filter from the Rinse-to-Clean® Base.**
- Discard any residual water from the Base.
- Clean all outside surfaces with a dry, soft cloth. **DO NOT USE WATER. THIS MAY DAMAGE THE HUMIDIFIER OR CAUSE ELECTRIC SHOCK.**

NOTE: Remove filter before cleaning

Failure to remove the filter during cleaning will destroy the filter

STEP ONE:

SCALE REMOVAL

Rinse-to-Clean® Base

1. Fill the Rinse-to-Clean® Base with either:

- one cup (8 ozs) of undiluted white vinegar

OR

- DuraRinse® Humidifier Cleaner, part no. AC-816, following bottle instructions
2. Let solution stand for 20 minutes
 3. With the vinegar or DuraRinse® in the Rinse-to-Clean® Base clean all interior surfaces with a soft cloth or brush to help remove scales.
 4. Rinse the Rinse-to-Clean® Base thoroughly with water to remove scale and cleaning solution.

STEP TWO:

DISINFECTING

Water Tank

1. Fill the water tank with:
 - 1 teaspoon of household bleach
 - 1 gallon of water.Pour some of this solution into the Rinse-to-Clean® Base.
2. Let solution stand for 20 minutes.
3. Rinse with water until the odor of bleach is gone.

PROLONGING THE LIFE OF THE FILTER AND MAINTAINING A CLEAN HUMIDIFIER

NOTE: DO not attempt to clean the Natural Cool Moisture® filter with any chemical solutions, doing so will damage the filter.

- If the Natural Cool Moisture® filter appears to be clogged by hard water or mineral deposits, soak it in a sink full of cool water for 10 minutes. **DO NOT SQUEEZE OR WRING OUT THE NATURAL COOL MOISTURE® FILTER.** Always place it back in the humidifier wet.

There are many steps you can take each time you fill your humidifier to make sure you get the most life out of our Natural Cool Moisture® filter.

1. To prevent mineral deposits use DuraFree® Humidifier Descaler Water Softener, part no. AC-817, each time the Water Tank is refilled.
2. Treat the Natural Cool Moisture® filter with care. **DO NOT** squeeze or wring it out, **DO NOT** clean the filter using any chemical solution.
3. Always purchase Honeywell Brand Natural Cool Moisture® filters as the fan motor of this humidifier and the Natural Cool Moisture® filter are designed to function efficiently as a set. Using any other filter could damage the motor or impair the humidifier's performance.
4. Be sure to empty water from the Water Tank and Base when not in use.

NOTE: AglON™ prevents the filter from growing fungus and bacteria. It is normal for the filter to turn brown or rust colored from mineral build-up. This will vary depending on water quality.

END-OF-THE-SEASON CARE AND STORAGE

- Follow weekly **CLEANING** instructions when the humidifier will not be used for at least one week or more, or at the end of the season.
- At the end of the season, remove and throw away the filter; do not store with a used filter.
- Dry the humidifier 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.
- Before next use, remember to install a new filter and clean the humidifier.

TROUBLE SHOOTING

Q: I hear the fan turning, but I don't see any mist. Is my humidifier operating properly?

A: Dry air is pulled through the Cool Moisture system and a fan disperses invisible, moisture balanced air. There is no "mist" emitted. When operating normally you will feel only cool air coming from the unit. Monitor the water level in your tank/base. If you notice a decrease in the water tank over 24 hours then the unit is operating normally.

Q: My unit has been running for several hours. I hear the fan spinning, but I do not notice the water level in the tank decreasing.

A: First, check the moisture pad to be sure it is wet. If the pad appears dry, remove it from the base and gently rinse under cool water. Reposition wet filter in the base. You may also want to check the current moisture level in your home. If the humidity level is over 60%, the unit will not put out much moisture as your air is already saturated.

Q: My filter has turned light brown and rust colored. Do I need a new filter?

A: Probably not. Since your filter has been made with AgION™ technology the change in color indicates only a mineral deposit. Soak filter in a sink full of cool water to help break up deposits. The discoloration may remain but will not effect the humidifier's performance.

ELECTRICAL RATINGS

This product is rated at 0.6 amps, 120V, 60 Hz.

NOTE: IF YOU EXPERIENCE A PROBLEM WITH YOUR HUMIDIFIER PLEASE SEE THE WARRANTY INSTRUCTIONS. PLEASE DO NOT ATTEMPT TO OPEN OR REPAIR THE HUMIDIFIER YOURSELF. DOING SO WILL VOID THE WARRANTY AND COULD CAUSE DAMAGE TO THE UNIT OR PERSONAL INJURY. IF THE PROBLEM PERSISTS PLEASE CONTACT THE CONSUMER SERVICE CENTER.

CUSTOMER ASSISTANCE

Mail questions or comments to:

Honeywell
Consumer Service Center
250 Turnpike Road
Southborough, MA 01772

Please be sure to specify model number.

Call us toll-free at:

1-800-554-4558

Or visit our website at:

www.honeywell.com/yourhome

LIMITED WARRANTY

LIMITED WARRANTY TERMS AND CONDITIONS

You should first read all instructions before attempting to use this product.

The enclosed Customer Response card should be filled out and returned 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 during the warranty period. 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. You should first read the instruction manual before attempting to use this product. **THE MANUFACTURER 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 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 exclusions may not apply to you. This warranty gives you specific legal rights, and you also may have other rights which vary from jurisdiction to jurisdiction. This warranty applies only to the original purchaser of this product from the original date of purchase.

B. At its option, the manufacturer will repair or replace this product if it is found to be defective in material or workmanship within the warranty period. Defective product should be returned to the place of purchase in accordance with store policy. Thereafter, while within the warranty period, any defective product should be returned to the manufacturer.

NOTE: This warranty does not cover the Natural Cool Moisture® filter, whose performance will depend upon the condition of the water used in the humidifier.

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

D. Return defective product, freight paid with proof of purchase and \$10.00 US/\$14.50 CAN check or money order for handling, return packing and shipping charges, to manufacturer:

In the US:

Attn: Returns Department
South Point Distribution Center
4755 South Point Drive
Memphis, TN 38118 USA
1-800-554-4558

In Canada:

Attn: Returns Department
510 Bronte Street
Milton, ON L9T 2X6, Canada
1-800-554-4558