

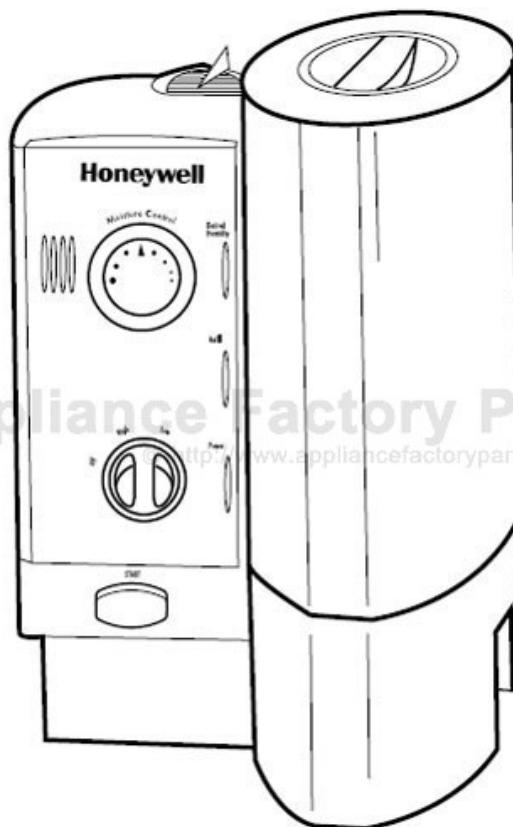
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HONEYWELL HWM4000

Owner's Manual

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HWM4000**



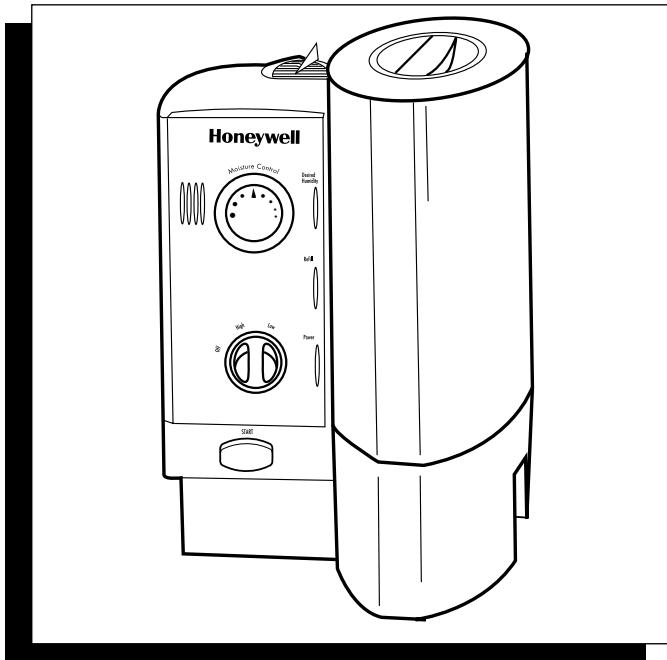
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----- Manual continues below -----

Honeywell

OWNER'S MANUAL



3 US GALLONS (10.2 LITERS) OUTPUT PER DAY*

WARM MOISTURE HUMIDIFIER

Model HWM-4000 Series

* 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. **CAUTION:** To reduce the risk of burns, 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 Honeywell. (See CARE PRODUCTS).
12. **DO NOT** touch the steam vapor. Steam can cause burns.

INTRODUCTION



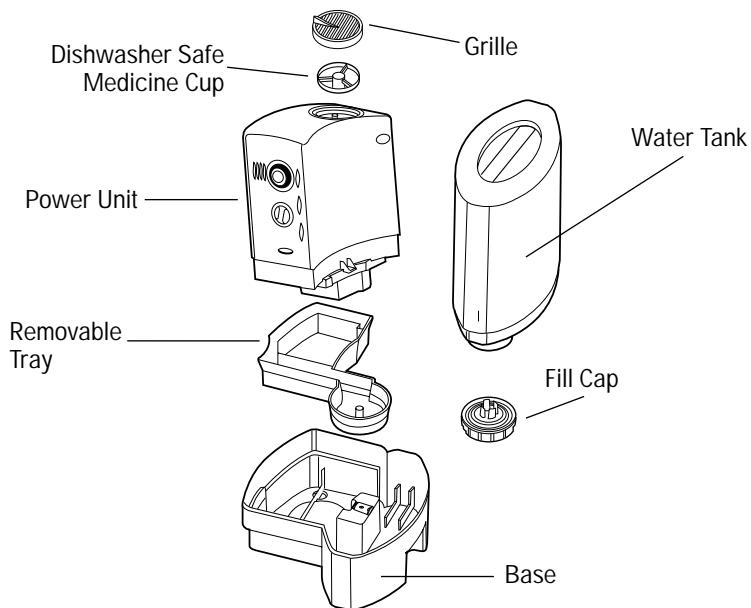
Thank you for purchasing a Honeywell Warm Moisture Humidifier. If you would like more information on our full line of products, visit our website at: www.honeywell.com/yourhome.

HOW DOES IT WORK?

Water passes into the Power Unit where it is heated and purified. The Warm Moisture system then pulls the air through the top vent and spreads *invisible* moisture-balanced air into the room.

MODEL HWM-4000

Your humidifier is made up of these parts:



SET UP

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

Honeywell *will not accept responsibility for property damage caused by water spillage.*

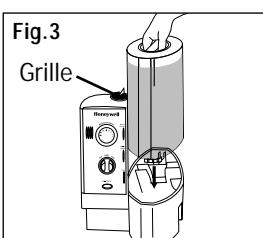
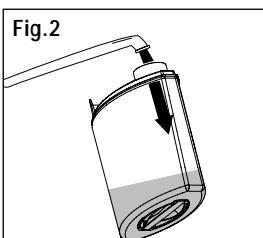
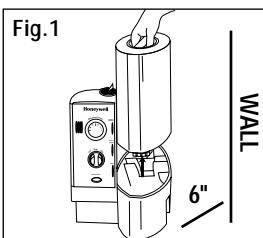
FILLING

- Remove the water tank by grasping the handle and pulling straight up. Set aside (Fig. 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 Water Tank with COOL tap water (Fig. 2). Distilled water is not necessary as the water is purified by the heating element. **DO NOT USE HOT WATER.** Doing so may damage the humidifier.
- 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.
- Position the Water Tank into the humidifier and push it into place (Fig. 3).
- Some water will flow into the Removable Tray when the filled tank is properly in place.
- 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.

CAUTION: DO NOT POUR WATER INTO THE GRILLE ON TOP OF THE HUMIDIFIER (Fig. 3). DOING SO MAY DAMAGE THE HUMIDIFIER OR CAUSE PERSONAL INJURY.



OPERATION

POWER

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

- With the Power knob 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

- Set the Power knob to the desired position (Fig. 4).

HIGH: For fast humidifying

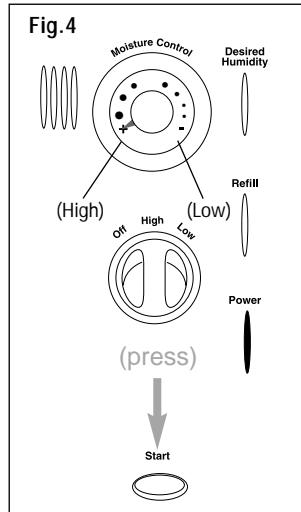
LOW: For more gradual humidification

NOTE: You will not hear a difference when turning the humidifier from High to Low.

- Set the Humidistat on high, by turning the Moisture Control counter-clockwise  to the "+" setting.

NOTE: If the humidifier will not start or restart when you select a power setting, the Humidistat may be set too low. Turn the Moisture Control counter-clockwise  to the largest black dot before the "+" sign. The Desired Humidity light will be OFF when the unit is producing moisture (Fig. 4).

- Press down and release the Start lever. This will start the humidifier.



NOTE: Allow 5-10 minutes for the humidifier to begin producing moisture.

HUMIDISTAT

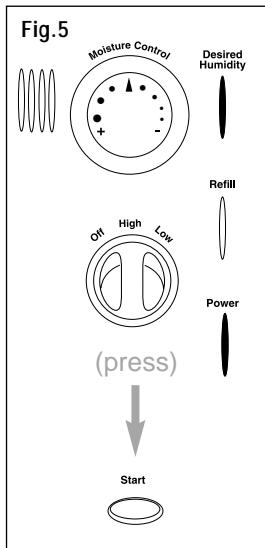
The Humidistat (Moisture Control knob) allows you to adjust and select the humidity level to your personal preference. Your humidifier will turn on and off throughout the day and night to maintain the Desired Humidity level you have selected.

SETTING THE MOISTURE CONTROL/HUMIDISTAT

First run the humidifier per the operation instruction with the Moisture Control set to its highest setting, to the "+" sign (Fig. 4).

- Let the humidifier run on high for at least one hour or until your room has reached a comfortable humidity level.
- At this point, slowly turn your Humidity Level knob clockwise ↗ until the humidifier shuts off, and the Desired Humidity light comes on (Fig. 5).
- Now that your humidistat is set, the humidifier will **automatically** turn back on when your room drops below your comfort setting and will **automatically** turn off again when the setting is reached.

If condensation begins to form on the walls or windows, lower the Moisture Control setting.



AUTO SHUT OFF FEATURE/REFILL LIGHT

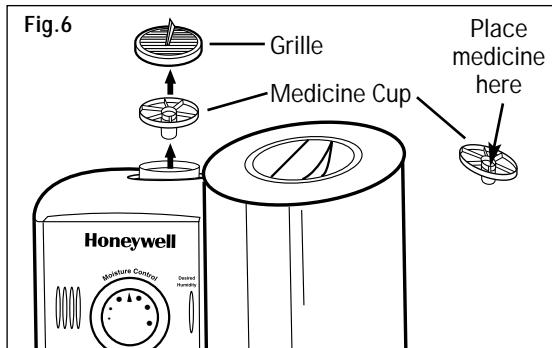
- The humidifier will turn off when both the Base and Water Tank are empty. The Refill light will glow to let you know your humidifier is empty.
- Refill the tank per the FILLING instructions.

IMPORTANT

- Press down and release the Start lever. This will start the humidifier and turn off the Refill light.**
- THE Start LEVER MUST BE PRESSED AFTER REFILLING THE WATER TANK TO START THE HUMIDIFIER.**

MEDICINE CUP

A medicated vapor can be distributed into the air by using the Medicine Cup at the top of the Power Unit (Fig. 6).



TO ADD MEDICINE TO THE MEDICINE CUP

1. Turn the humidifier OFF and allow at least 10 minutes for the unit to cool.
2. Lift the Grille from the Power Unit to access the Medicine Cup (Fig. 6).
3. Remove the Medicine Cup from the Power Unit.
4. Fill the cup halfway with liquid medicine.
5. Carefully place Medicine Cup back into the Power Unit and put the Grille back in place.
6. After use, remove the Medicine Cup and clean with warm water or in the dish washer. Replace the clean, dry Medicine Cup into the Power Unit.

WARNING: DO NOT use any liquid medicines other than those specifically recommended for use with a steam vaporizer or warm humidifier. DO NOT pour medicine directly through the Grille opening or add it to the Water Tank.

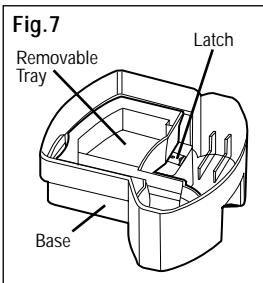
Honeywell assumes no responsibility for consequences resulting from the uses of medicine in this humidifier.

WEEKLY CLEANING

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

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 unit to cool.
- Remove the Water Tank.
- To remove the Power Unit, pull the Latch to release (found under the Water Tank) and lift the Power Unit (Fig. 7). Turn upside-down to check condition of heating element. If build-up of minerals is heavy, follow the CLEANING THE HEATING ELEMENT instructions. Set the Power Unit aside.
- Empty any remaining water from the Base and Removable Tray.



STEP ONE: SCALE REMOVAL

REMOVABLE TRAY:

1. Fill the Removable Tray with either:
 - 1 cup (8ozs) undiluted white vinegar
or
 - Use 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 Removable Tray clean all interior surfaces with a soft cloth or brush to help remove scale.
4. Rinse the Removable Tray thoroughly with water to remove scale and cleaning solution.

STEP TWO: DISINFECTING

WATER TANK/REMOVABLE TRAY:

1. Fill the Water Tank with:
 - 1 teaspoon of household bleach
and
 - 1 gallon of water.
Pour some of this solution into the Removable Tray.
2. Let solution stand for 20 minutes.
3. Rinse with water until the odor of bleach is gone.

NOTE: THE USE OF OTHER WATER TREATMENT PRODUCTS, CHEMICALS, SOAPS, DETERGENTS OR ABRASIVE CLEANSERS NOT RECOMMENDED IN THE MANUAL MAY CAUSE DAMAGE TO THE HUMIDIFIER OR AFFECT PERFORMANCE.

CLEANING THE HEATING ELEMENT

If the output drops, or the Refill light remains on, even while there is water in the tank, the mineral build-up may need to be removed from the heating element of the Power Unit.

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

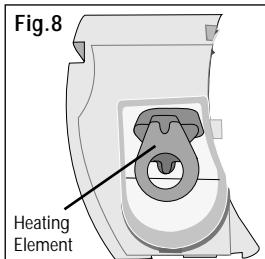
1. Turn off and unplug the humidifier. Allow at least 10 minutes for the unit to cool.

2. The heating element is on the bottom of the Power Unit. To access it, remove the Power Unit by pulling on the Latch (found under the Water Tank) and lifting the Power Unit (Fig. 7).

3. Turn it upside down. BE SURE IT HAS COOLED SUFFICIENTLY.

4. Use a non-metallic brush or a soft, dry cloth to wipe the outer surfaces of the heating element (Fig. 8). Some deposit may remain, but should not interfere with the operation of the unit.

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



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.
- Dry the humidifier completely before storing. DO NOT store with water inside the Removable Tray, Base, or Water Tank.
- Pack the unit in its original carton and store in a cool, dry location.
- Before next use, remember to clean the humidifier.

TROUBLE SHOOTING

Q: The humidifier is not running, but all (or some) of the lights are on.

A: If the Desired Humidity light is ON: The Moisture Control may be set too low.

Moving the Moisture Control counter-clockwise  to the highest setting should restart the unit.

If the Refill light is ON: The humidifier is out of water. Refill the Water Tank and press the Start lever and the humidifier should restart.

Q: The Moisture Control was set according to the manual, but the humidifier never seems to turn back on. Is something wrong?

A: The Moisture Control may be set too low. Moving the Moisture Control clockwise  to the highest setting should restart the unit. Reset the Moisture Control following the instructions under FEATURES.

Q: The Moisture Control was set according to the manual, but the humidifier never seems to turn off. Is something wrong?

A: The Moisture Control may be set too high. Reset the control following the instructions under FEATURES.

Q: My humidifier is filled with water, but the Refill light is still on. What's wrong?

A: First, be sure to press down once on the Start lever. If this doesn't help, refer to the CLEANING THE HEATING ELEMENT instructions for the heating element.

Q: When I turn the humidifier from high to low there is no difference in sound. Is the unit operating correctly?

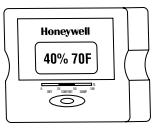
A: Yes, the unit is operating normally. The High/Low control varies the temperature of the heating element and therefore there will be no difference in sound.

CARE PRODUCTS

If your local retailer is out of stock, replacement parts and care products may be ordered directly. You can call 1-800-332-1110 to order with a MasterCard, Visa, Discover or fill out the form below and mail it along with a check or money order (sorry no COD's accepted) to:

Honeywell
Consumer Service Center
250 Turnpike Road
Southborough, MA 01772

Please allow four to six weeks for delivery.
Massachusetts residents please add 5% Sales Tax.

PRICE					
Item	Item No.	Qty.	U.S.	CAN	Total
Water Tank with Tank Cap	HWM4000-1A		\$ 19.99	\$29.00	
Tank Cap	HWM4000-2A		5.00	7.25	
Removable Tray	HWM4000-3		15.00	22.00	
Medicine Cup	HWM4000-4		5.00	7.25	
Power Unit	HWM4000-5A		20.00	29.00	
DuraRinse® Humidifier Cleaner (32 oz.)	AC816		5.00	7.25	
	Digital Hygrometer and Thermometer (F°C) <i>Measures room temperature and humidity level. Free standing; can be used anywhere in the room.</i>	HAC555	19.99	29.00	
SUBTOTAL					
MA Residents add 5% Sales Tax / Can. Residents only add 7% GST					
Shipping and Handling (US res. add \$4.95 / Can. res. add \$7.25)					
TOTAL ENCLOSED					
Name	Check or Money Order Enclosed				
Address	Credit Card No.				<input type="checkbox"/>
	Exp. Date				<input type="checkbox"/>
Day Time Phone	Signature				

ELECTRICAL RATINGS

MODEL HWM-4000 IS RATED 3.20 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 WAR-
RANTY AND COULD CAUSE DAMAGE 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
e-mail: service@honeywell.com

Please be sure to specify model number.

Call us toll-free at:

1-800-332-1110



Or visit our website at:
www.honeywell.com/yourhome

5 YEAR LIMITED WARRANTY

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 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.

HONEYWELL IS NOT LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY NATURE. ANY IMPLIED WARRANTY OF MERCHANTABILITY FOR 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, Honeywell will repair or replace this product if it is found to be defective in material or workmanship. Defective product should be returned to the place of purchase in accordance with store policy. Thereafter, while within the warranty period defective product may be returned to Honeywell.

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 to Honeywell Consumer Products with a brief description of the problem. Include proof of purchase and a \$10 US/\$ 14.50 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.

Send to:

In the US:
Honeywell
ATTN: Returns
Department
4755 South Point Drive
Memphis, TN 38118,
U.S.A.
1-800-332-1110

In Canada:
Honeywell
ATTN: Returns
Department
510 Bronte Street
Milton, ON L9T 2X6
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