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HONEYWELL HCM535-20 Owner's Manual

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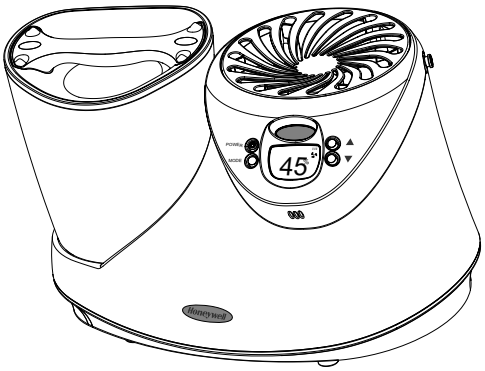
Honeywell



NATURAL COOL MOISTURE™ HUMIDIFIER

HCM-530, HCM-535, HCM-540, HCM-550, HCM-560 Series

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:

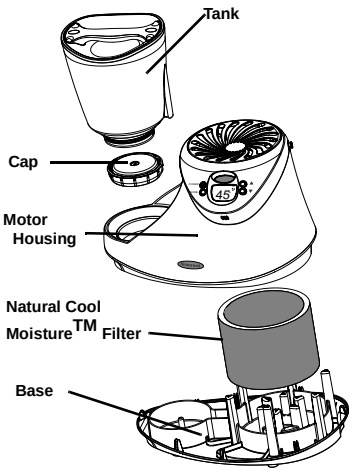
1. Always place this humidifier on a firm, flat and level surface. This humidifier may not work properly on an uneven surface.
2. Place this humidifier in an area where it is not accessible to children.
3. Do not place the humidifier near any heat sources such as stoves, radiators, and heaters.
4. Before 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 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).

WHAT IS AgION ANTIMICROBIAL?

AgION* technology prevents surface growth and migration of mold, fungus and bacteria in the filter for its life - approximately one season. Keep in mind, depending on your water quality, mineral deposits can still clog or discolor the filter and affect its life and that of the humidifier.

* AgION is registered with the Environmental Protection Agency (EPA)

YOUR HUMIDIFIER:



SET-UP:

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

- Select a firm, level and flat location. For proper air flow, locate the unit at least six inches (15 cm) from any wall. Place the humidifier on a water resistant surface, as water can damage furniture and some flooring.
- Remove the Natural Cool Moisture™ Filter from the Base before filling the unit. Soak the Filter in cool water and then place the wet Filter back into the Base. **DO NOT** squeeze or wring-out the Filter.

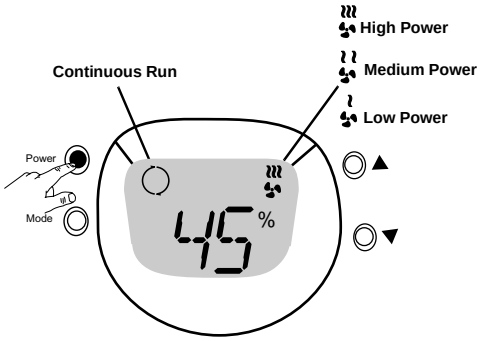
Honeywell will not accept responsibility for property damage caused by water spillage.

FILLING:

- Remove the Tank from the Motor Housing.
- Turn the Tank over and unscrew the Cap.
- Fill the Tank with cool water.
- Reinstall the Cap. Do not overtighten.
- Install the Tank back onto the Motor Housing.

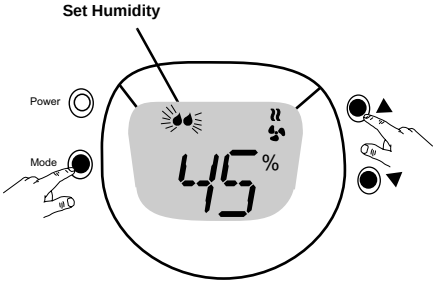
OPERATION:

POWER



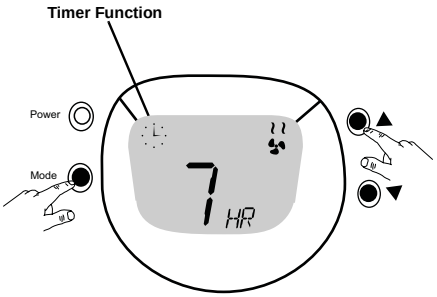
- Press the Power button once to start the humidifier on High Power, Continuous Run.
- Press the Power button a second time to change to Medium Power, Continuous Run.
- Press the Power button a third time to change to Low Power, Continuous Run.
- Press the Power button a fourth time to turn the humidifier OFF.

MODE: SET HUMIDITY



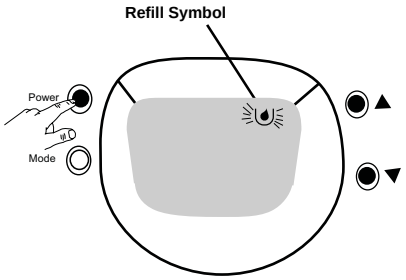
- Press the Mode button until the Set Humidity icon blinks. The desired Humidity Level will be displayed.
- Use the Up and Down arrow buttons to set a desired humidity level between 40% to 85%.
- After the desired humidity level is set, the Humidity Level icon will stop blinking and the current room humidity will appear.
- The humidifier will turn off shortly after the desired humidity level is reached and the Power light above the display will blink.
- The humidifier will turn back on when the humidity level drops below the desired humidity level. The Power light will stop blinking and remain lit.

MODE: TIMER SET



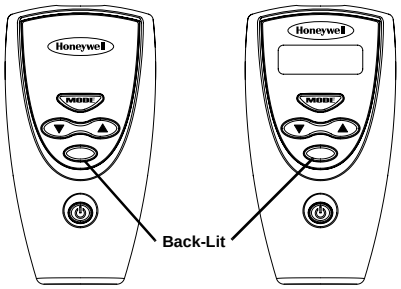
- Press the Mode button until the Timer icon blinks. The Hour display will appear
- Use the Up and Down arrow buttons to set the humidifier operation time between 1 and 10 hours.
- The humidifier will turn-off when time runs out.

•REFILL



- When the humidifier runs out of water, the Refill symbol will blink.
- Remove the Tank and refill it as described in Filling.
- Press the Power button to start the humidifier after the tank is reinstalled.

BACK-LIT



- The Back-Lit feature provides light to the humidifier display panel and functions in any Power or Mode setting
- Press the Back-Lit button to toggle this feature on and off

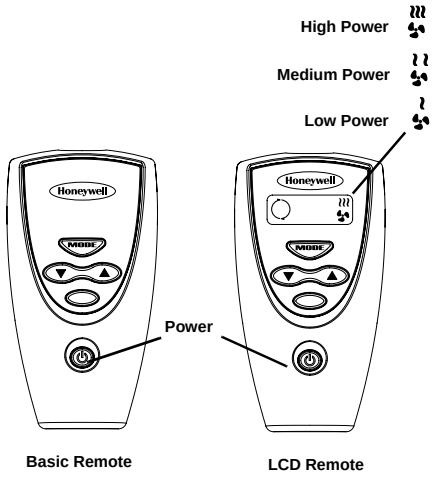
REMOTE CONTROL OPERATION:

Two (2) AAA batteries required.

Models HCM-540, HCM-550, HCM-560 Series:
Remote Control included when originally purchased.
Models HCM-530 and HCM-535 Series:
Remote Control may be purchased separately at **www.honeywellconsumerproducts.com**

The Remote Control works the same as the corresponding buttons on the Control Panel. The Control Panel display on the humidifier will show the appropriate icons when the various functions are activated.

POWER:



- Press the Power button once to start the humidifier on High Power, Continuous Run.
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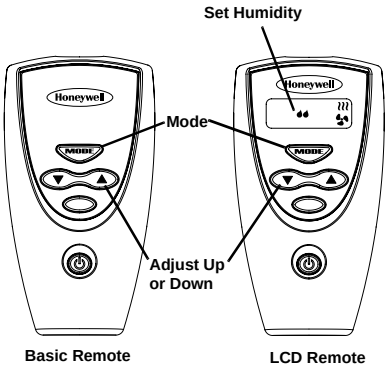
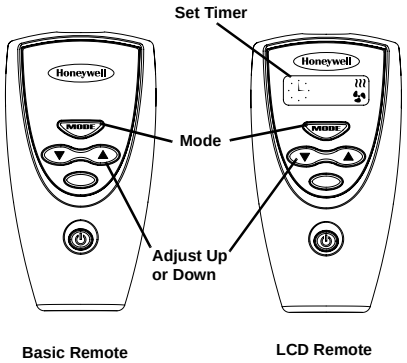
- Press the Power button a fourth time to turn the humidifier OFF.

MODE: HUMIDITY SET



- Press the Mode button until the Set Humidity icon blinks. The desired Humidity Level will be displayed.
- Use the Up and Down arrow buttons to set a desired humidity level between 40% to 85%.
- After the desired humidity level is set, the Humidity Level icon will stop blinking and the current room humidity will appear.
- The humidifier will turn off shortly after the desired humidity level is reached and the Power light above the display will blink.
- The humidifier will turn back on when the humidity level drops below the desired humidity level. The Power light will stop blinking and remain lit.

MODE: SET TIMER



- Press the Mode button until the Timer icon blinks. The Hour display will appear
- Use the Up and Down arrow buttons to set the humidifier operation time between 1 and 10 hours.
- The humidifier will turn-off when time runs out.

WEEKLY CLEANING:

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

Cleaning is a two step process; scale removal and disinfecting. Be sure to perform these in the proper order to avoid harmful chemical interactions.

- Turn off and unplug the humidifier.
- Remove the Tank and Motor Housing.
- Remove the Filter from the Base **(failure to remove the filter during cleaning will destroy the filter).**
- Empty any water from the Base.
- **SCALE REMOVAL:**
  1. Fill the Base with either 1 cup (8 oz.) of undiluted white vinegar **OR** DuraRinse™ Humidifier Cleaner (AC-816) following the bottle instructions.
  2. Let the solution stand for 20 minutes.
  3. With the solution in the Base, clean all interior surfaces with a soft cloth or brush.
  4. Rinse the Base thoroughly with water to remove the scale and cleaning solution.
  5. The Base is dishwasher safe. You may place the base in the top rack of the dishwasher for cleaning.

- **DISINFECTING:**
  1. Fill the Tank with water and add 1 teaspoon of household bleach. Pour some of this solution into the Base.
  2. Let the solution stand for 20 minutes.
  3. Rinse with water until the smell of bleach is gone.

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

PROLONG THE LIFE OF YOUR FILTER:

- Soak the Natural Cool Moisture™ Filter in water each time the humidifier is filled (see SET-UP).
- Never squeeze or wring-out the filter. Always install a wet filter into the humidifier.
- Prevent mineral build-up by using DuraFree™ water softener (AC-817) each time the Tank is filled.
- AgION prevents the surface growth and migration of mold, fungus, algae and bacteria. It is normal for the filter to discolor from mineral build-up. Discoloration will vary depending on water quality.
- The filter should be changed at least once per season, or when the humidifier's performance starts to deteriorate.
- Do not attempt to clean the filter with any chemical solution. Doing so will damage the filter.

CARE AND STORAGE:

- Follow WEEKLY CLEANING instructions when the humidifier will not be used for a week or more.
- Remove all water from the Base and Tank before storing.
- Remove and throw the filter away at the end of each season. Do not store the unit with a used filter.
- Store in a cool, dry place.
- Clean the humidifier after prolonged storage and install a new filter prior to use.

TROUBLESHOOTING:

- **The Fan is turning but I don't see any mist.**
  - Dry air is pulled through the humidifier filter and the fan dispenses the invisible moisture. There is no "mist" emitted. Monitor the water level in the tank. If you notice a decrease in the Water Tank over 24 hours, then the unit is operating normally.
- **The Fan is turning, but I don't notice the water level in the Tank decreasing.**
  - First, check the Filter to make sure its wet. If dry, then remove the Filter and soak it in cool water and then reinstall it. You may also want to note the current moisture level in you home. If the humidity level is over 60%, then the unit will not emit much moisture since the air is already saturated.
- **The humidifier is not running, but some of the lights are on.**
  - The Moisture Level may be set too low. Setting the humidity level higher should restart the unit. If the unit has a Refill light and its on, then the unit is out of water. Refill and install the Tank and the unit should start.
- **The Moisture level is set according to the manual, but the humidifier never seems to turn back on.**
  - The Moisture Level may be set too low. Adjust the Moisture Level to the highest setting and the unit should restart. Reset the Moisture Level following the instructions.
- **The Moisture level is set according to the manual, but the humidifier never seems to turn off.**
  - The Moisture Level may be set too high. Reset the Moisture Level following the instructions.
- **My filter has turned brown and rust colored. Do I need a new filter?**
  - Probably not. Your filter has AgION technology and the color change indicates only mineral deposits. Soak the filter in a sink full of cool water to help break-up the deposits. The discoloration may remain but will not affect the humidifier's performance.

For more troubleshooting tips, visit our website at: **www.honeywellconsumerproducts.com**

NOTE: IF YOU CONTINUE TO EXPERIENCE A PROBLEM, PLEASE RETURN THE HUMIDIFIER TO THE PLACE OF ORIGINAL PURCHASE OR SEE YOUR WARRANTY. DO NOT ATTEMPT TO OPEN OR REPAIR THE HUMIDIFIER YOURSELF. DOING SO WILL VOID THE WARRANTY AND COULD CAUSE DAMAGE OR PERSONAL INJURY. IF YOU HAVE QUESTIONS REGARDING THIS HUMIDIFIER, PLEASE CALL OR WRITE:

Honeywell
Consumer Relations Department
250 Turnpike Road
Southborough, MA 01772
Toll Free 1-800-332-1110
E-mail: honeywell@protocolusa.com

ACCESSORIES:

Your cool mist humidifier is compatible with both the Basic and Digital LCD Remote Control. To upgrade your humidifier or to get a listing of care and cleaning products or order the replacement Natural Cool Moisture™ Filter (HAC-504) for your humidifier, visit our website at:
www.honeywellcomsumerproducts.com

5 YEAR LIMITED WARRANTY

You should first read all instructions before attempting to use this product. Register your product on-line at **www.honeywellconsumerproducts.com** or complete and return the Customer Response card within 7 days.

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 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, 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 daytime phone number. You must prepay shipping charges. Send to:

In the US:
Honeywell
Attn: Returns Department
4755 Southpoint Drive
Memphis, TN 38118 USA

In Canada:
Honeywell
Attn: Returns Department
510 Bronte Street S.
Milton, ON L9T 2X6 Canada

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