





MORE ENERGY EFFICIENT

Más eficiencia energética

Plus économe en énergie



PRECISE AUTO-HUMIDITY CONTROL

Control preciso de
humedad automática

Sensor inteligente de nivel
del agua



SMART WATER-LEVEL SENSING

Régulation précise et
automatique de l'humidité

Détection intelligente du
niveau d'eau

10 YEAR

MOTOR GUARANTEE

Satisfacción motor garantizada

Moteur satisfaction garantie

MODEL EVDC500 OWNER'S GUIDE

GUÍA DEL PROPIETARIO DE MODELO EVDC500, GUIDE D'UTILISATION – MODÈLE EVDC500, EVDC500 모델 사용자 가이드, モデル EVDC500 取扱説明書

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IMPORTANT INSTRUCTIONS

READ ALL INSTRUCTIONS BEFORE USING THIS HUMIDIFIER.

This owner's guide and any additional inserts are considered part of the product. They contain important information about safety, use and disposal. Before using the product, please familiarize yourself with all operating and safety instructions. Please keep all documents for future reference and pass these documents on, together with the product, to any future owner. Please refer to our website for the most current version of our owner's guide.

The following Warning messages are throughout this owner's guide:



DANGER

Indicates a hazard with a HIGH level of risk which, if not avoided, will result in death or serious injury. Please pay special attention to any instructions given to avoid this threateningly dangerous risk.



WARNING

Indicates a hazard with a MEDIUM level of risk which, if not avoided, could result in death, serious injury, minor or moderate injury or potential property damage.

INTENDED USE: This product is intended to circulate and humidify the air in indoor living spaces only. This product is not intended for commercial or industrial uses. Please read all instructions before using this humidifier.

The manufacturer assumes no responsibility for damage or injury caused by failure to follow these instructions, improper product use or unauthorized product modification. Any such actions will invalidate the product warranty.

WARNING – 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:



WARNING

Risk From Unintended Use and Handling. Please take care to follow these guidelines to avoid risks to people or property.

- **Do Not** tamper with or modify this product in any way.
- **Do Not** use this product outdoors or directly exposed to weather.
- **Do Not** use this humidifier on an uneven surface. Always place this humidifier on a firm, flat surface.
- **Do Not** run power cord under carpeting. Do not cover power cord with throw rugs, runners or similar coverings. Do not route power cord under furniture or appliances. Arrange power cord away from traffic area and where it will not be tripped over.
- **Do Not** operate after the humidifier malfunctions, has been dropped or damaged in any manner. Discard humidifier, or return to authorized service facility for examination and/or repair in order to avoid a hazard.
- **Do Not** place the humidifier near heat sources, such as stoves, radiators or heaters.
- **Do Not** repeatedly remove and replace the water tank. This will

only fill the base and water will spill out.

DANGER

Risk From Electrical Shock. Contact with wires or components that are under voltage could be potentially fatal!

- **Do Not** use this product outdoors or exposed to weather or the elements.
- **Do Not** immerse this product in water.
- **Do Not** pour water through the top Outlet Air Grill on the power head.
- **Do Not** attempt to disassemble the power head. Doing so will void your warranty and could cause damage and/or personal injury. The power head contains no user-serviceable parts. If you experience a problem, please see the warranty for manufacturer information.
- **Do Not** operate the humidifier with a damaged cord or plug. If the power cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- To reduce the risk of fire or electric shock, do not use this product with a digital timer, blender or solid-state control device, such as a blender or variable-speed fan.
- This appliance has a polarized plug. (One blade is wider than the other.) To reduce the risk of electrical shock, this plug is intended to fit in a polarized outlet only one way. 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.

DANGER

Risk From Electrical Connections. Please pay attention to any instructions given to avoid personal injury or property damage.

- A loose fit between wall outlet (receptacle) and plug may cause overheating and distortion of the plug. Discontinue use of the product in outlet. Contact qualified electrician to replace loose or worn outlet.
- Turn the humidifier off if the relative humidity exceeds 60%. Humidity levels above 60% may allow moisture to build up indoors and condense on surfaces, where microorganisms can settle and grow. For accurate readings, use a hygrometer, which is available at most hardware stores and home centers.
- Unplug humidifier prior to moving, cleaning or refilling.
- Unplug and empty humidifier when not in operation.
- Remove the water tank before moving the humidifier to a new location.
- Empty water from the unit if the humidifier is to be turned off and left for more than 8 hours, as leaving the water will encourage the growth of microorganisms. If this happens, thoroughly clean and disinfect the unit. (Refer to CLEANING.)
- **Do Not** use undiluted bleach or ammonia, strong detergents, abrasive cleansers, gasoline, paint thinner or other solvents to clean this humidifier. Use only water and mild detergents to perform daily maintenance on your humidifier.
- **Do Not** clean this humidifier in any manner other than what is instructed in this manual.



WARNING

SAVE THESE INSTRUCTIONS

Risk to Children and Other At-Risk Groups of People.

- This humidifier can be used by children ages 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
- Children shall not play with the appliance.
- Cleaning and user maintenance shall not be made by children without supervision.
- Humidifiers should be kept away from children under the age of 8 and not placed in a child's room without supervision.
- This product and packaging material are not toys and should be kept out of reach of children.

WARNING: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate equipment.

FCC CONSUMER ADVISEMENT: This equipment may generate, use and/or radiate radio frequency energy that may cause harmful interference to radio communications. Unauthorized use or modification of this product increases interference risk and may cause FCC revocation of permission to operate. To determine whether the equipment causes harmful interference, please turn the equipment on and off while simultaneously using a radio or television. If interference is suspected, the user is encouraged to contact Vornado Consumer Service at 1-800-234-0604, if within the USA. If outside the USA, please contact the Authorized Service Center.

GETTING STARTED

Before operating, **ALWAYS** lift from the bottom by using the handles located on the base. Lifting the Water Tank handle on the Water Tank will cause the tank to detach from the humidifier. **Before use, check appliance for visible damage. DO NOT USE** if there is evidence of damage. If any damage is found, contact Vornado Consumer Service at 1-800-234-0604, if within the USA. If outside the USA, please contact the Authorized Service Center.



Check for Leaks

Damage due to shipping may cause leaks in Base or Water Tank. A visual inspection may not reveal hairline fractures.

1. Place humidifier on a water-resistant surface.
2. Fill Water Tank with water to inspect for leaks.
3. Pour several cups of water into Base to inspect for leaks.

Not Leaking?

Empty water from Base and install full Water Tank.

Leaking?

In the slight chance your humidifier has leaks, contact Consumer Service and we will immediately replace damaged parts.

A humidifier is quite useful in supplying necessary moisture to dry air. It should be used with proper care to prevent overhumidification.



Tip

A good rule of thumb would be to gauge the condensation or frost on windows. Adjust your humidifier to a point where this condition is at a minimum. These adjustments should be made when major changes in outdoor temperatures occur.

Humidifiers can be placed in any living area that has a convenient location and provides distribution of the moist air to the living area. The measured output of a humidifier is based upon continuous operation at standard rating conditions. With normal variations of indoor and outdoor conditions, the humidistat-controlled humidifier will not run continuously at maximum output unless the controls are set to do so.

INITIAL HUMIDITY REQUIREMENTS:

When initially installed or when placed in operation at the beginning of each season, the humidifier equipped with a humidistat may run constantly for a day or so and, thus, evaporate large quantities of moisture. When the home and its furnishings have absorbed moisture and become stabilized at the desired humidity level, the amount of water used will diminish and the humidifier operation will maintain the desired humidity level.

FEATURES

AIR OUTLET GRILL

Initiates Vornado's signature Vortex circulation. Removable for easy cleaning.

POWER HEAD

Powerful brushless DC motor circulates humidified air throughout the whole room. Easy to access for cleaning.

AIR INLET GRILL

Designed for efficient air intake.

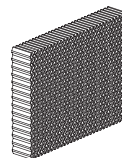
BASE

Durable and easy to clean.



SIMPLETANK™ SYSTEM

Easy to carry, fill, install, clean and view water level. Two 1-gallon capacity tanks.

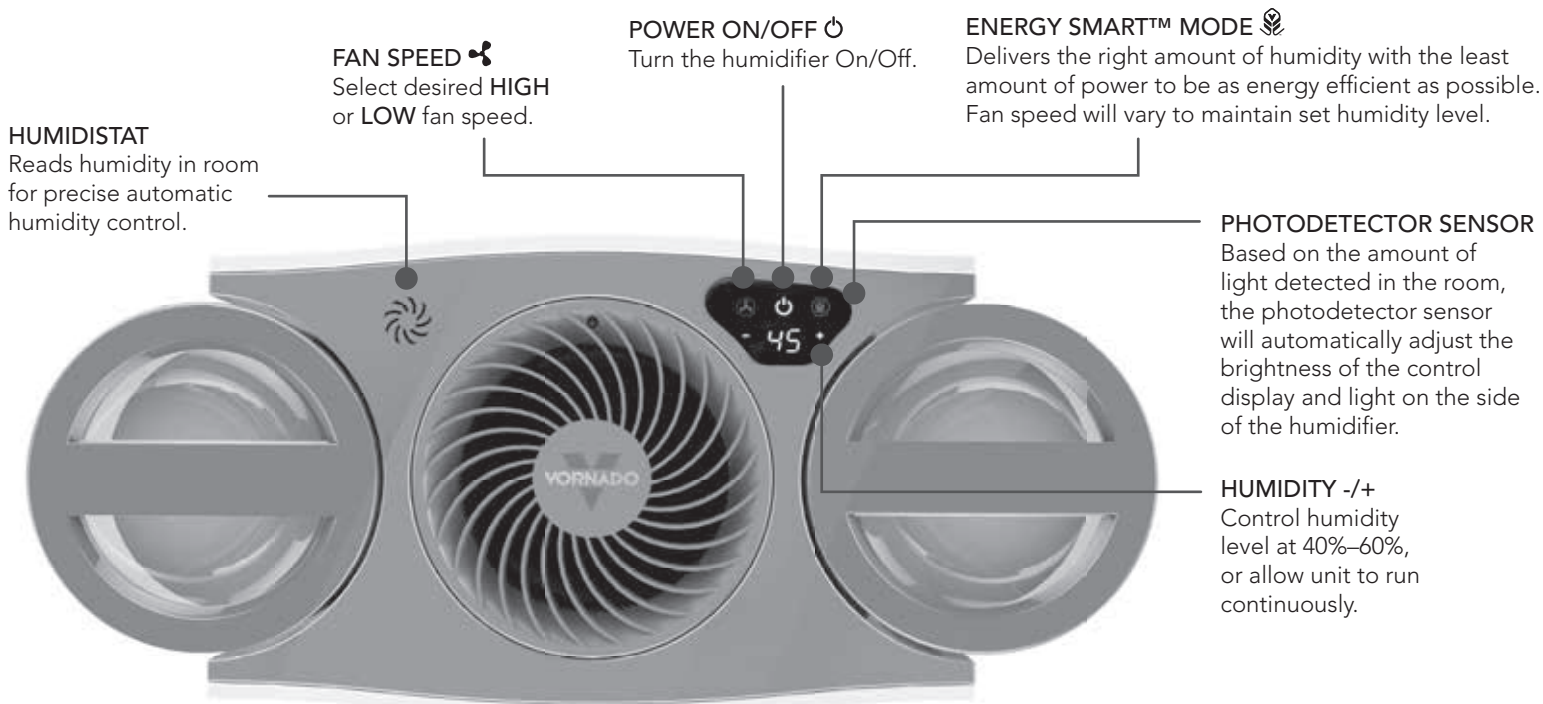


WICK (2 included)
Wicks up water and filters out impurities.

CARRY HANDLES

Integrated handles on sides of base for lifting and carrying.

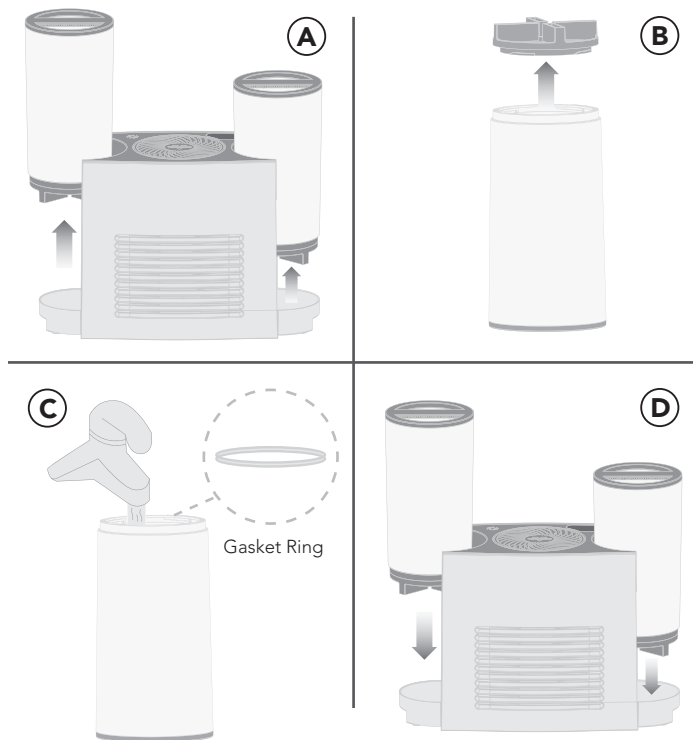
CONTROLS




FILLING WATER TANK

Note: Spills can occur during cleaning, moving or refilling the Water Tank, so be careful to avoid spills when doing these activities.



1. Unplug humidifier and place on a level surface.
2. Remove Water Tank from the base by grasping the top integrated handle and pulling up towards you (A).
3. Turn the Water Tank upside down and remove the Cap by turning it counterclockwise (B).
4. Gently place Water Tank on a flat surface and fill with cool tap water (C).
5. Ensure Gasket, the rubber ring around the Water Tank, is properly positioned. Insert the Cap into the grooves of the tank and turn clockwise until tightened.
6. Lower Water Tank into Base, positioning Water Tank around the ledge for secure placement (D). Once in nested position, water outlet valve inside Cap opens, releasing water into Base.




HOW TO USE

1. Position humidifier to not blow directly on objects or plants. Plug power cord into standard grounded wall outlet.
2. To turn humidifier on touch . The humidifier will default to LOW fan speed and 50% humidity. Set humidity level by touching -/+ until the desired humidification level appears on the display. If Continuous is selected, CO will appear on the display and the humidifier will run continuously.



3. Touch  to select HI (High) or LO (Low) fan speed. The  will illuminate blue. The selection will flash for five seconds, then set and return to selected humidity level.



4. You may also select Energy Smart™ mode and ES will flash on the display for five seconds, then set before returning to the selected humidity level. The  will illuminate green.



Note: The LED Display dims after 20 seconds of inactivity.

5. Once settings are changed from first use default, they are saved when powering humidifier off.
6. If unit is unplugged, during next use, settings will default to LOW fan speed, 50% humidity.

HOW TO USE

HIGH

Operation for fast humidification of larger rooms. High-speed operation will evaporate 4 gallons of water (+/- 10%) in 24 hours of continuous operation. (This assumes room conditions of 70° F and 30% relative humidity.) Will operate at High fan speed until the humidity set point is reached. The Fan will then turn off until the humidity level drops below set point.

LOW

Operation for quiet, nighttime use or smaller rooms. On Low operation, your humidifier may run without refilling for extended periods. Will operate at Low fan speed until the humidity set point is reached. The Fan will then turn off until the humidity level drops below set point.

HUMIDITY – 40%–60% OR CONTINUOUS

The humidifier will operate until the desired humidity level is reached. At this point, the Fan will turn off. If the Fan does not turn on, the humidity setting may be lower than the room humidity level. Increase the humidity set point until the Fan turns on. This is an indication of the level of humidity already in the room.



MORE ENERGY
EFFICIENT

MAXIMIZE EFFICIENCY WITH ONE BUTTON

Energy Smart™ Mode offers precise humidification using less energy — humidity circulation is controlled automatically using as little as 1 Watt to keep you comfortable.

When you've reached and maintained your humidity setting the Fan will then turn off.



SMART WATER-LEVEL
SENSING

The humidifier has a sensor to shut the humidifier off when it is out of water. The humidifier will run four hours on low water and then turn off.

Note: This function does not apply when in Continuous (CO) mode.

When the Water Tank level is low, the light on the side of the humidifier will pulsate until it is refilled. This feature can be turned off and on by holding both the - / + buttons for five seconds.

REPLACING WICK

While your humidifier came equipped with a Wick, you will eventually have to replace it, as they last approximately 4–8 weeks, depending on use. Many factors affect the life of the Wicks, including amount of use, water hardness and outside environmental factors. You will know the Wick needs to be replaced when it becomes hard and is no longer absorbing the water effectively. Replace the Wick with a genuine Vornado® Wick. While other brands may fit our units, these wicks do not carry the same quality and life as our own and may diminish the humidifier's performance.

REPLACING WICK

1. Turn humidifier Off and unplug.
2. Remove Water Tanks and Air Outlet Grill by lifting up.
3. Remove and discard used Wicks.
4. Install new genuine Vornado Wicks by slightly bending the Wicks to match curve of unit. Make sure Wicks fit flush against bottom and side of humidifier.
5. Replace Water Tanks and Air Outlet Grill.



The additional sodium in chemically softened water may cause Wicks to harden. Try using untreated or tap water. Hard water or water with excessive minerals, such as lime or iron, may shorten Wick life. Try Bacteriostat or Water Treatment found at most hardware or home specialty stores or clean the Wick. See **CLEANING** for instructions.

On first use, the Wick may give off a mild odor. The odor is not harmful and will go away after the first few hours of operation. If the odor is exceptionally strong, you can help eliminate most or all of it by soaking the Wick in a solution of 2 teaspoons of white vinegar and one gallon of water for 20–30 minutes. Rinse thoroughly in cool water. Allow excess water to run off and dry before replacing in the Base. **DO NOT** wring.

AUTOMATIC REFILL PROGRAM (USA Only)

Select the shipment interval and Vornado will send replacement Wicks automatically. Eliminate the hassle of remembering to reorder. Maintain the high efficiency of your Vornado humidifier.

To sign up, visit vornado.com, email consumerservice@vornado.com or call 1-800-234-0604. Cancel anytime.

Part # **MD1-0034**

CLEANING

Proper cleaning of your Evaporative Whole Room Humidifier is essential to the air quality and performance of your humidifier. The frequency in which your humidifier will need to be cleaned will vary depending on use, water hardness and outside environmental factors. It is recommended, assuming average use, to thoroughly clean the unit several times throughout the season, or when algae, mineral deposits or other particles begin to form. **Note:** If the humidifier is turned Off with water in Base and not turned back on for 8 hours or longer, or if humidifier is not cleaned as recommended, you may experience some growth of algae or bacteria. These microorganisms may become airborne.

TO CLEAN BASE

1. Turn humidifier Off and unplug.

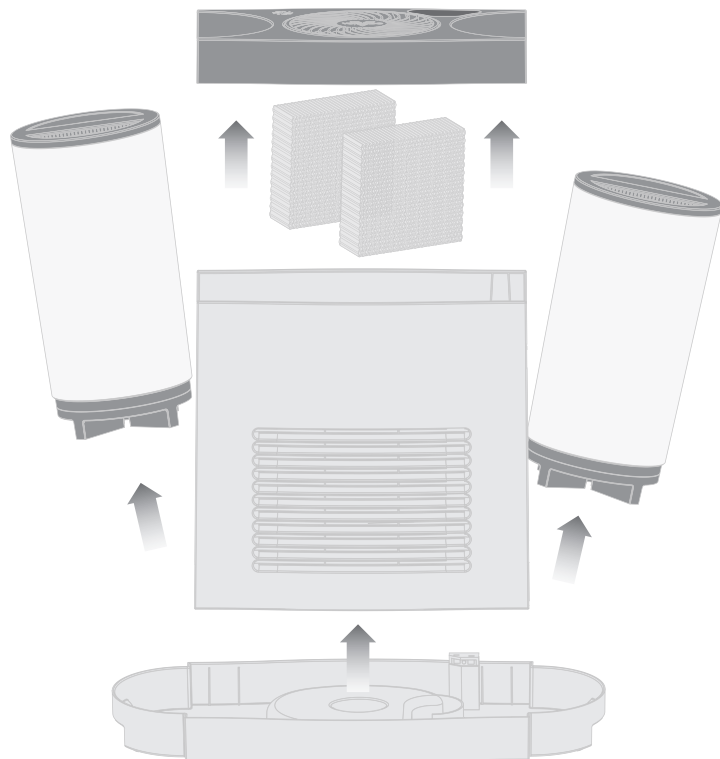
Warning: Do not submerge humidifier top in water.

2. Remove Water Tank and Air Outlet Grill by lifting up.
3. Remove the Wick.
4. Remove humidifier body from

base by lifting up. **Do not disassemble the front and back panels from the body.**

5. Empty the Base. Clean Base with warm water and a mild detergent. Rinse and dry. Reassemble humidifier.

Note: The Base is not dishwasher safe.



CLEANING

Note: On occasion the Water Tank may need to be wiped down or cleaned to remove build-up of impurities with a mild detergent and cool water. Do not use gasoline, thinners, solvents or other chemicals for cleaning. The Water Tank is not dishwasher safe.

TO CLEAN GRILL

1. Turn humidifier Off and unplug.

Note: Do not use gasoline, thinners, solvents or other chemicals for cleaning.

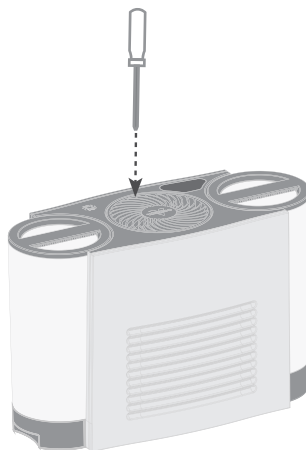
2. Using a Phillips Head screwdriver, remove screw located at 12 o'clock position inside grill. Twist

grill counterclockwise to unlock, then use screwdriver to lift grill.

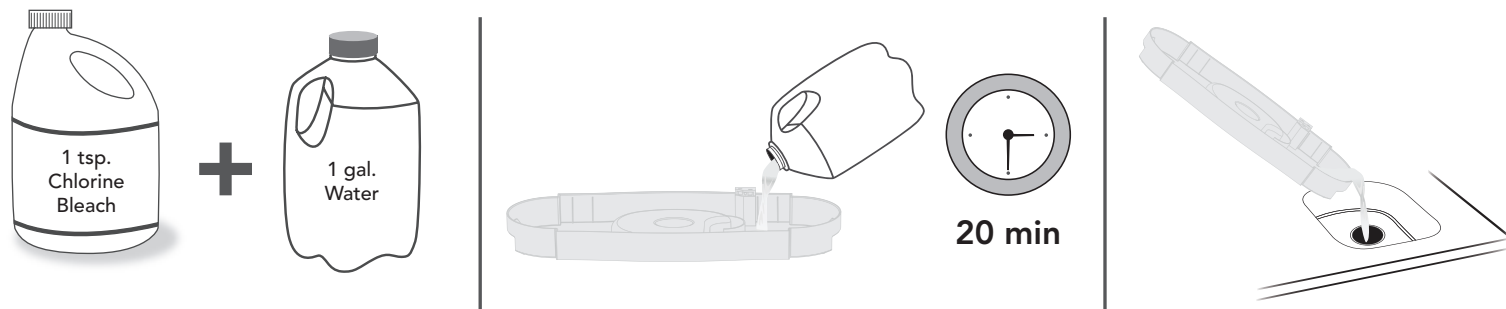
3. Clean the grill, blade or underside of motor with a soft cloth or with a can of compressed air.
4. Reinstall grill and twist grill clockwise until screw holes align. Replace screw.

TO CLEAN WICK

1. To prolong life of Wick, clean Wick by soaking in solution of 1 teaspoon of chlorine bleach and 1 gallon water. Let stand 20 minutes. Rinse thoroughly in cool water. Allow excess water to run off and dry before replacing Wick in Base. DO NOT wring.



CLEANING



IN THE EVENT YOU WANT TO DISINFECT THE BASE:

1. Mix solution of 1 teaspoon chlorine bleach and 1 gallon water. Fill Base with solution, wet all surfaces. Let stand 20 minutes, then empty.
2. Rinse Base with water until bleach smell is gone. Dry with clean cloth or paper towel.
3. You may also wipe down the entire surface of humidifier with a soft cloth.

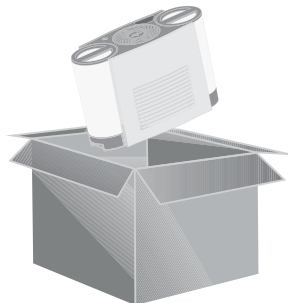
STORAGE

During the off-season or after extended periods of non-use, you may choose to store your humidifier. To ensure long life of the product, it is recommended to store your humidifier by following these instructions:



Cleaning is recommended before storage.

1. Unplug power cord and bundle loosely.
2. Let humidifier dry completely before storing. Do not store with water inside Water Tank or Base. Remove and discard Wick if it is not suitable for reuse. Do not store humidifier with wet Wick. If Wick is suitable for future use, remove and empty water from Base and Water Tank. Replace Water Tank, power On and select HIGH Fan Speed. Allow humidifier to run until Wick is completely dry.
3. Cover, or place back in retail carton if available. This will prevent humidifier from accumulating dust over time.
4. Store humidifier in cool and dry location.



TIPS

Be aware of several things as your Vornado® Evaporative Whole Room Humidifier operates:

- If you operate your humidifier continuously (which is recommended to maintain humidity all day), it may need to be refilled with water every day. Check the Water Tank to be certain that there is an adequate water supply for operation.
- Allow for optimum airflow by keeping the grill unobstructed. Ensure curtains and other items are far enough away from the unit to not be pulled into the side inlets or interfere with airflow.
- Any additives, such as aroma fragrances or water conditioners, must not be used. These additives can cause cracks in the plastic of the humidifier and may affect performance. Any use of such additives voids the manufacturer's warranty.



DISPOSAL

Dispose of all packaging materials in an environmentally responsible manner.

TROUBLESHOOTING

PROBLEM

POSSIBLE CAUSE AND SOLUTION

Unit fails to power on.

Unit is not plugged in. Plug power cord into electrical outlet.

Household circuit breaker/ground fault circuit interrupter has tripped or blown fuse. Reset circuit breaker/ground fault circuit interrupter, or replace fuse. For assistance, contact licensed electrician.

Ensure power head is securely in place for proper power connection.

Unit is damaged or in need of repair. Cease usage and unplug. Contact Consumer Service for assistance.

Unit makes bubbling or gurgling sound.

This is normal. Water is being dispensed into Base.

Unit is not producing desired amount of humidity.

Water level in Tank is empty or too low. Refill with clean, cool tap water. See HOW TO USE for instructions.

Unit has reached its set point. When set humidity level is reached, the Fan will turn off until humidity level in room drops below humidity set point.

Airflow is blocked. Remove obstruction.

Unit settings are too low. Set to High Fan Speed and Continuous Humidity for maximum humidity output.

Wicks are in need of replacement too often.

The additional sodium in chemically softened water may cause Wicks to harden. Try using untreated tap water or distilled water.

Try adding Bacteriostat or Water Treatment, found at most hardware or home specialty stores to the water. Or periodically remove the Wicks and clean by soaking them in solution of 1 teaspoon chlorine bleach and 1 gallon water. Let stand 20 minutes. Rinse thoroughly in cool water. Allow excess water to run off and dry before replacing Wick in Base. DO NOT wring.

5
YEAR

SATISFACTION
GUARANTEE

OUR WARRANTY

Vornado Air LLC ("Vornado") warrants to the original consumer or purchaser this Vornado® Evaporative Whole Room Humidifier ("Product") is free from defects in material or workmanship for a period of five (5) years from the date of purchase. The motor has a ten (10) year warranty from the date of purchase. If any such defect is discovered within the warranty period, Vornado, at its discretion, will repair or replace the Product at no cost.

For warranty or repair service: Call 1-800-234-0604 or email help@vornado.com to obtain a Return Authorization ("RA") form. Please have or include your Product's model number and serial number, as well as your name, address, city, state, zip code and phone number when contacting Vornado for warranty service.

After receiving the RA form, ship your Product to: Vornado Air LLC Attn: Warranty & Repair 415 East 13th Street Andover, KS 67002. For your convenience, please have your model number and serial number when contacting Vornado with service inquiries. To assure proper handling, packages must be clearly marked with the RA number. Packages not clearly marked with the RA number may be refused at the receiving dock. Please allow 1-2 weeks for repair and return of your Product after the Product is received.

Repairs not covered by the warranty or outside the warranty period will require a fee to cover the cost of materials, labor, handling and shipping.

This warranty does not apply to defects resulting from abuse of the Product, modification, alteration, mishandling, improper maintenance, commercial use or repair or service of the Product by anyone other than Vornado; damages which occur in shipment or are attributed to acts of God. Improper product use, which

includes using an external device that alters or converts the voltage or frequency of electricity, or shipping a Vornado product to a country not intended for use will void all warranties. Any unauthorized product modification, repair by unauthorized repair center, or use of non-approved replacement parts is not recommended and any consequences will not be covered by support services or product warranties. The product warranty will be honored only on models that are being used in the country intended. REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER. VORNADO SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT. EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, 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 states do not allow the exclusion or limitation of incidental or consequential damages, or allow 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 may have other rights that vary from state to state. The manufacturer assumes no responsibility for damage caused by failure to follow these instructions or improper product use. Any such actions will invalidate the product warranty.

All company names and product names are trademarks of their respective owners. © All rights reserved. All technical information, data, and instructions for the installation, connection, and operation contained in these instructions for use correspond to the latest available information at time of printing. The contents of this manual may differ slightly from the actual product. Observe any additional supplements.



Designed, engineered and supported in USA.

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we expect
this product
to be **PERFECT**

Esperamos que este producto sea perfecto
Si no lo es, ayúdenos a corregirlo

Nous exigeons de nos produits qu'ils soient parfaits
Si celui-ci ne l'est pas, nous corrigerons la situation

if it's not,
WE will make
it right

vornado.com
800-234-0604
help@vornado.com