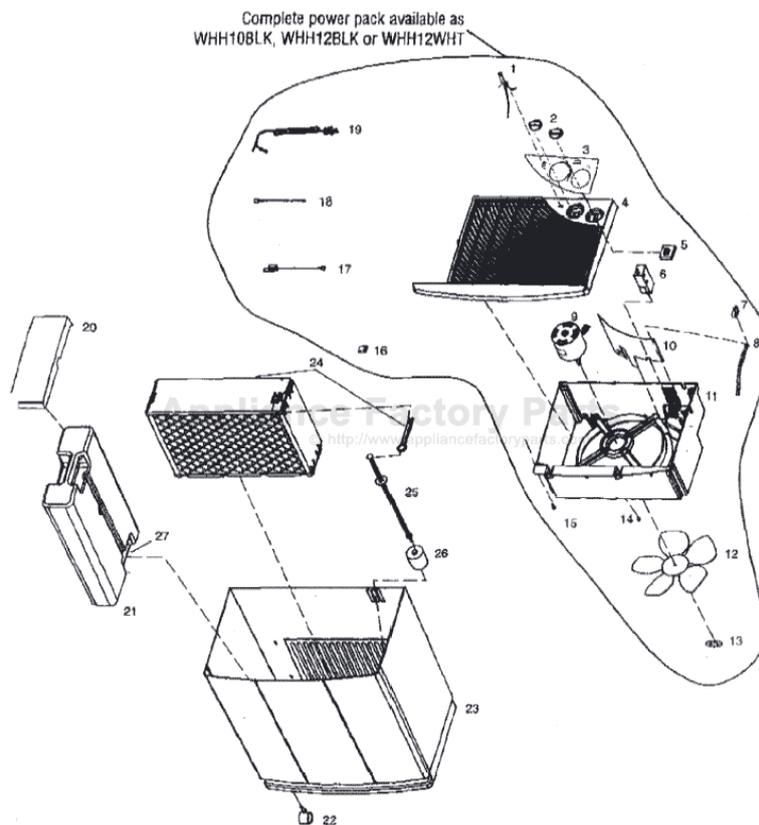


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BEMIS H12001 Owner's Manual

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READ AND SAVE THESE INSTRUCTIONS



EVAPORATIVE HUMIDIFIER

OWNERS CARE & USE MANUAL

MODELS:

H12 001, WHITE

H12 300, LT OAK

H12 400, OAK BURL

- **Automatic Humidistat**
- **Automatic Shutoff**
- **3-Speed Fan**
- **Quiet Setting for Nighttime use**
- **Easy to clean, removable power pack**



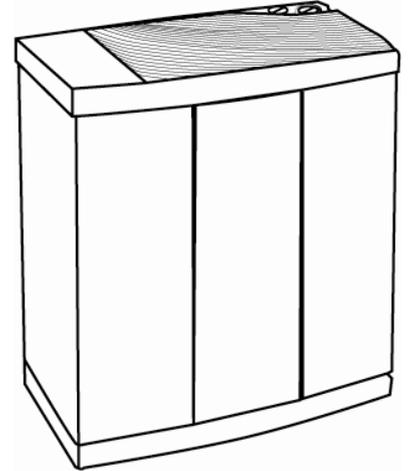
SAVE THE ENVIRONMENT

RECYCLE APPROPRIATE MATERIALS

Patents: 5,037,583; 5,110,511; 5,133,904

Other Patents Pending

To order parts and accessories call **1-800-547-3888**



H12 Series

*French and Spanish
Instructions included.*

*Se incluyen instrucciones
En Español y Francés.*

*Directives en Français et en
espagnol compris*

IMPORTANT SAFEGUARDS

READ BEFORE USING YOUR HUMIDIFIER

- 1) This appliance has a polarized plug (one blade is wider than the other). To reduce the risk of electric shock, this plug is intended to fit into a polarized 120-volt AC, 15 amp outlet, and 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. If an extension cord must be used, it should also accept the wide blade plug and meet this electrical rating.
- 2) Do not place the cord under rugs, near loose drapes, in traffic areas, nor near heat sources or combustible materials.
- 3) **Do not use the humidifier if the cord is damaged.**
- 4) **Always unplug the power cord before filling, cleaning, servicing, or when the unit is not in use.**
- 5) This humidifier is UL listed with Essick Air brand evaporative wicks in place. To maintain your UL rating, see your service center for all repairs.
- 6) Regular cleaning is recommended. Refer to the CARE & MAINTENANCE section in the manual.

INTRODUCTION

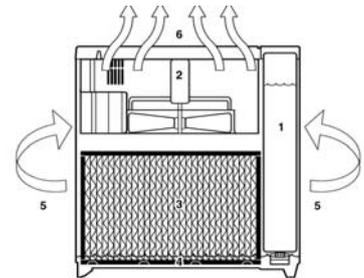
Your Essick Air evaporative humidifier adds invisible moisture to your home by moving dry inlet air through a saturated wick. As air moves through the wick, the water evaporates into the air, leaving behind any white dust, minerals, or dissolved and suspended solids. Because the water is evaporated, there is just clean and invisible moist air.

As the evaporative wick traps accumulated minerals from the water, its ability to absorb and evaporate water decreases. We recommend changing the wick at the beginning of every season. In hard water areas, more frequent replacement may be necessary to maintain your humidifier's efficiency.

Use only Essick Air brand replacement wicks and chemicals. To order parts, wicks and chemicals call 1-800-547-3888. The H12 Series humidifiers use Essick Air wick # 1045. Only the Essick Air evaporative wick guarantees the certified output of your humidifier. Use of wicks other than Essick Air brand will void your warranty as well as the certification of output and may reduce the output of your humidifier.

Dry air is drawn into the humidifier through the back and moisturized as it passes through the evaporative wick. It is then fanned out into the room.

- 1) Water bottle
- 2) Chassis/Power Pack
(motor and fan assembly)
- 3) Evaporative wick
- 4) Water reservoir
- 5) Dry room air intake
- 6) Moist air output



CAUTION: Do NOT position the unit directly in front of a hot air duct or radiator. Do NOT place on soft carpet.

ASSEMBLY, CONTROLS & OPERATION

- 1) Remove the two polyfoam inserts from the top of the humidifier.
- 2) Lift off the water bottle cover (left-hand side). Remove the water bottle, lift off the chassis/power pack and then remove the humidifier cabinet from the carton.
- 3) Remove the evaporative wick, float assembly (black rod with white float), and all of the remaining packaging materials from the cabinet. Check to see that you have all of the following items removed from the boxes accessory kit and cabinet before discarding the packaging:
 - Filler hose
 - Caster kit
 - Bacterial treatment sample
 - Water bottle with cap
 - Optional AirCare Filter (purchased separately)

IMPORTANT FILLING INFORMATION

- 4) Your humidifier is equipped with one water bottle. When both the water bottle and reservoir have emptied, the humidifier fan will automatically shut off, but will start again automatically when the water bottle and reservoir are refilled.
- 5) When the bottle is being filled for the first time and the wick is still dry, it will take approximately 20 minutes to drain the bottle into the reservoir. After the bottle has emptied, it should be refilled again to obtain maximum running time.
- 6) When refilling the bottle and the wick is still wet, it will take approximately 12 minutes to refill the reservoir. At this time, you should refill the bottle for maximum running time.

CASTERS

- 7) Turn the emptied cabinet upside down. Insert each caster stem into the four caster holes on each corner of the humidifier bottom. The casters should fit snugly and be inserted until the stem shoulder reaches the cabinet surface. Do not force.

8) Turn the cabinet right side up.

EVAPORATIVE WICK

9) When placing the wick back into the humidifier, the rod and float assembly must also be reattached. Insert the top of the float rod through the hole on the extended wick retainer (attached to the top of the wick frame) (A). Holding the float in place, lower the wick and float assembly together into the cabinet. The wick has a mounting rib on the top edge which hooks over a rib at the inside back of the cabinet. NOTE: The float rod retainer must be extended prior to inserting the float rod. The white float must be positioned into the pocket in the bottom of the cabinet. (B).

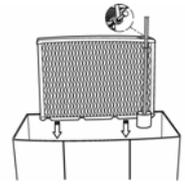


Figure A

AIR CLEANING FILTER (OPTIONAL)

10) The AirCare filter has four tangs that engage into four keyhole slots that mount the AirCare filter onto the outside of the back of the cabinet. (C)

CHASSIS/POWER PACK

11) Place the chassis/power pack unit into the cabinet, so it fits without tipping or rocking.
12) Fill the bottle water. If you only have softened water available in your home, you can use it, but you will notice a buildup of minerals on the wick much sooner. The bottle holds 2.5 gallons. When filling, be careful not to pressurize it by overfilling. Bottle damage can result from this. A fill hose is provided with your humidifier which will fit most faucets. Place the water bottle into the left side of the humidifier with the valve cap end down, so that the groove in the water bottle faces the inside. (D) Replace the water bottle cover.

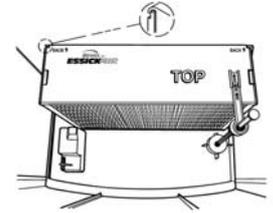


Figure B

NOTE: We recommend using Essick Air Bacteriostat treatment when you refill the water bottle to eliminate bacterial growth. Add bacteriostat according to the instructions on the bottle and then tighten the valve cap on your water bottle.

NOTE: For optimum running time, fill the water bottle, tighten the cap, and place inside unit, allowing it to completely drain into the water reservoir. Then refill the bottle and replace in the cabinet. Do not fill the reservoir bucket, as overfilling will result in water damage. Use only the bottle provided.

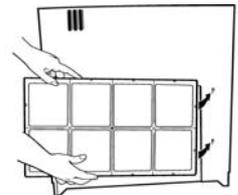


Figure C

OPERATION

- 1) Plug cord into wall receptacle. Your humidifier is now ready for use. The humidifier should be placed at least FOUR inches away from any walls and away from heat registers. Unrestricted airflow into the unit will result in the best efficiency and performance.
- 2) The H12 3- speed fan control allows you to use the low setting for the quietest operation or a high setting for maximum output.
- 3) All models have an automatic humidistat. The humidistat will turn the humidifier on when the relative humidity in your home is below the humidistat setting and will turn the humidifier off when the relative humidity reaches the humidistat setting. For initial operation, set the humidistat at its midpoint "two-droplet" setting and adjust up or down from there to achieve the desired humidity level.
- 4) The refill light will indicate when the unit is completely out of water. The motor will also shut off. To refill, see Step 9.



Figure D

NOTE: When *excessive condensation* exists, a lower speed setting is recommended.

CAUTION: Disconnect power before filling, cleaning or servicing unit. Keep grille dry at all times.

OPTIONAL AIRCARE® FILTER

The first stage of the air filter is a high-efficiency, electrostatically charged filter media which traps dust, pollen, and airborne pollutants. The second stage is an activated carbon media which absorbs odors from cooking, pets, or tobacco smoke. We recommend replacing the AirCare filter at least once a year and more often if necessary. When the white filter media is coated with a layer of dust and dirt, it is time to replace the AirCare filter. The certified water output of your humidifier will be reduced when using the AirCare filter. AirCare filters are optional and are not required for normal operation of the humidifier. *AirCare is registered trademark of Essick Air Products.*

CARE AND MAINTENANCE

Cleaning your humidifier regularly helps eliminate odors and bacterial and fungal growth. Ordinary household bleach is a good disinfectant and can be used to wipe out the humidifier base and bottle/reservoir after cleaning.

We recommend cleaning your humidifier at least once every two weeks to maintain optimum environmental conditions for your home.

We also recommend using Essick Air Bacteriostat Treatment each time you refill your humidifier to eliminate bacterial growth. Add bacteriostat according to the instructions on the bottle. Please call 1-800-547-3888 to order Bacteriostat Treatment reference part#1970.

- 1) Turn off unit completely counterclockwise and unplug from outlet.
- 2) Lift out the water bottle and the power pack.
- 3) Carry bottle and base to cleaning basin. Lift wick with float assembly from the base allowing the water to drain and remove float assembly from wick. Rinse wick under freshwater only. Do not use soap, detergent, or any other cleaners on the wick. Leave in sink to drain.

REMOVING SCALE

- 4) Empty the water from the reservoir and water bottle. Fill both reservoir and water bottle $\frac{1}{2}$ full with water and add 8 oz. (1 cup) of undiluted vinegar to each. Let stand 20 minutes. Then empty solution.
- 5) Dampen a soft cloth with undiluted white vinegar and wipe out reservoir to remove scale. Rinse the water bottle and reservoir thoroughly with fresh water to remove scale and cleaning solution before disinfecting.

DISINFECTING UNIT

- 6) Fill the water bottle and reservoir $\frac{1}{2}$ full with water and add 1 teaspoon of bleach to each. Wet all surfaces on water bottle and cabinet. Let solution stay for 20 minutes, then rinse with water until bleach smell is gone. Dry with clean cloth. The outside of the unit and water bottle may be wiped down with a soft cloth dampened with fresh water.
- 7) Refill unit and re-assemble per **ASSEMBLY** instructions.

SUMMER STORAGE

- 1) Clean unit as outlined in Care & Maintenance section.
- 2) Discard used wick and any water in the reservoir or bottle and allow to dry thoroughly before storage. **Do not** store with water inside reservoir or bottle.
- 3) Do not store unit in an attic or other high-temperature area.
- 4) Install new filter at beginning of season.

HOME COMFORT DIVISION ONE-YEAR LIMITED WARRANTY

The Essick Air humidifier warranty covers defects in materials and workmanship for a period of one year from date of retail purchase. This warranty applies only to the original purchaser of the product.

Within the first 12 months from the date of purchase, Essick Air will repair or replace, at its discretion, any defective part of the humidifier covered by this warranty.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state or province to province.

This warranty does not cover damage resulting from misuse or abuse of the humidifier, accidents or alterations to the product, commercial use or damage during shipment. Misuse includes malfunctions caused by negligence in cleaning or parts fouled with mineral deposits due to hard-water conditions. Alterations to the product include the substitution of non-Essick Air brand components including, but not limited to, wicks.

If service becomes necessary, take or send the product to any Essick Air service center.