

AIRCARE Pedestal Evaporative Humidifier User Guide



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AIRCARE[®]

AIRCARE Pedestal Evaporative Humidifier



AIRCARE Pedestal Evaporative Humidifier

MODEL: EP9 SERIES

EP9 800(CN);EP9 500(CN)

- Adjustable Humidistat
- Variable Speed Fan
- Easy Front Fill



TO ORDER PARTS AND ACCESSORIES CALL: 1.800.547.3888

IMPORTANT SAFEGUARDS GENERAL SAFETY INSTRUCTIONS

READ BEFORE USING YOUR HUMIDIFIER

DANGER: means, if the safety information is not followed someone, will be seriously injured or killed.

WARNING: This means, if the safety information is not followed someone, could be seriously injured or killed.

CAUTION: This means, if the safety information is not followed someone, may be injured.

1. To reduce the risk of fire or shock hazards, this humidifier has a polarized plug (one blade is wider than the other.) Plug the humidifier directly into a 120V, A.C. electrical outlet. Do not use extension cords. If the plug does not fully fit into the outlet, reverse plug. If it still does not fit, contact a qualified electrician to install the proper outlet. Do not change the plugin any way.
2. Keep the electric cord out of traffic areas. To reduce the risk of fire hazards, never put the electric cord under rugs, near heat registers, radiators, stoves, or heaters.
3. Always unplug the unit before moving, cleaning, or removing the fan assembly section from the humidifier, or whenever it is not in service.
4. Keep the humidifier clean. To reduce the risk of injury, fire, or damage to humidifiers, use only cleaners specifically recommended for humidifiers. Never use flammable, combustible, or poisonous materials to clean your humidifier.
5. To reduce the risk of scalds and damage to a humidifier, never put hot water in the humidifier.
6. Do not put foreign objects inside the humidifier.
7. Do not allow the unit to be used as a toy. Close attention is necessary when used by or near children.
8. To reduce the risk of electrical hazard or damage to a humidifier, do not tilt, jolt or tip the humidifier while the unit is running.
9. To reduce the risk of accidental electrical shock, do not touch the cord or controls with wet hands.
10. To reduce the risk of fire, do not use near an open flame such as a candle or another flame source.

WARNING: For your own safety, do not use a humidifier if any parts are damaged or missing.

WARNING: To reduce the risk of fire, electric shock, or injury always unplug before servicing or cleaning.

WARNING: To reduce the risk of fire or shock hazards, do not pour or spill water into the control or motor area. If controls get wet, let them dry completely and have the unit checked by authorized service personnel before plugging in.

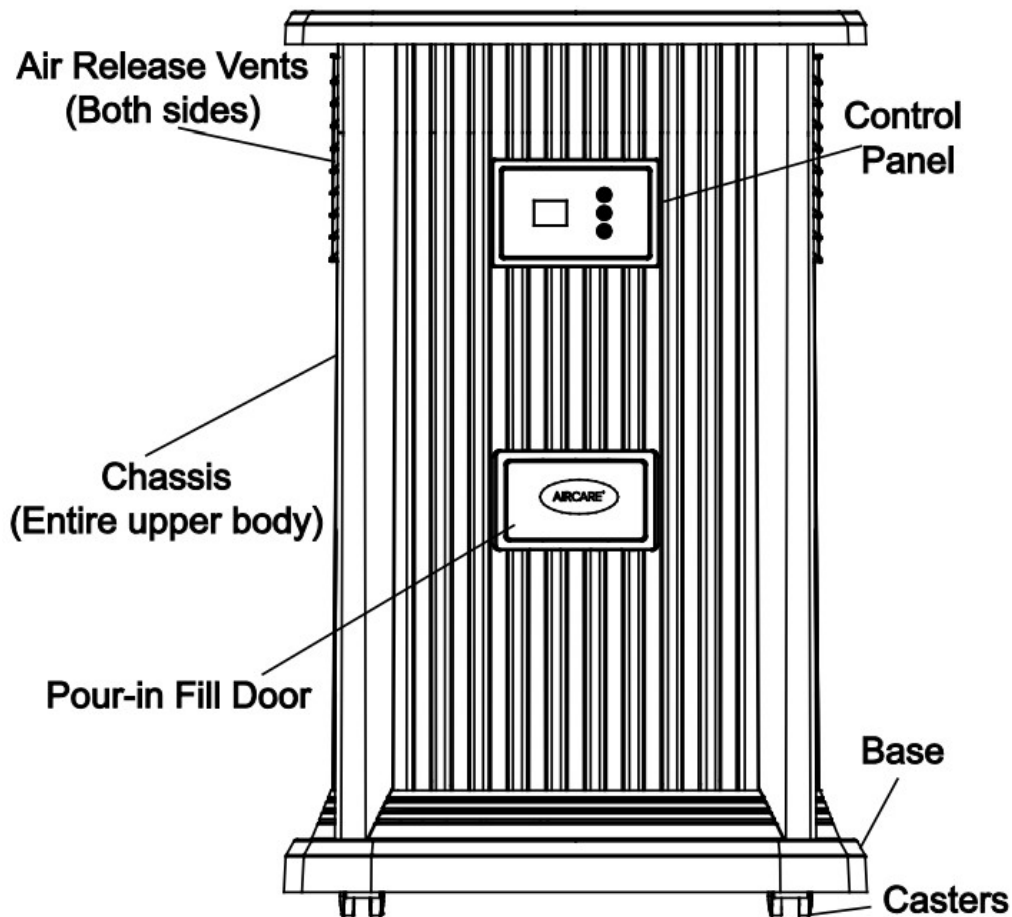
CAUTION: If a plant is placed on a pedestal, ensure the unit is unplugged when watering the plant. Ensure no water is poured onto the control panel when watering the plant. If water enters the electronic control panel, damage may result. Ensure the control panel is entirely dry before use.

INTRODUCTION

Your new 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 in the wick. 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 and after every 30 to 60 days of operation to maintain optimum performance. In hard water areas, more frequent replacement may be necessary to maintain your humidifier's efficiency.

Use only AIRCARE® brand replacement wicks and additives. To order parts, wicks and other products call 1-800-547-3888. The EP9 (CN) Series humidifier use wick #1043(CN). Only the AIRCARE® or Essick Air® wick guarantees the certified output of your humidifier. The use of other brands of wicks voids the certification of output.



HOW YOUR HUMIDIFIER WORKS

Once the wick becomes saturated, air is drawn in, passes through the wick, and moisture is absorbed into the air. All evaporation occurs in the humidifier so any residue remains in the wick. This natural process of evaporation creates no white dust like some other humidifiers.

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.

IMPORTANT:

Water damage may result if condensation starts to form on windows or walls. Humidity SET point should be lowered until condensation no longer forms. We recommend room humidity levels do not exceed 50%.

* Output based on 8' ceiling. Coverage may vary due to tight or average construction.

KNOW YOUR HUMIDIFIER

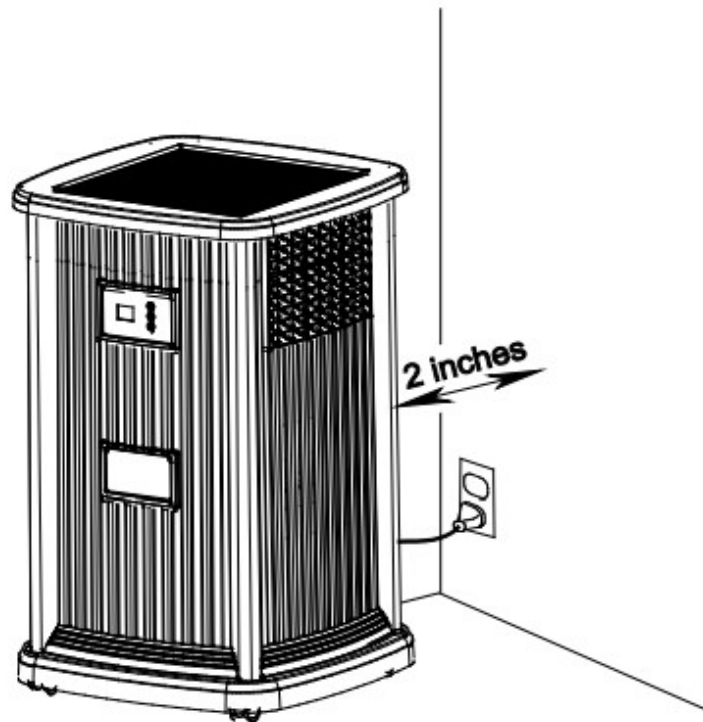
Description	EP9 Series
Capacity of Unit	3.5 gallons
Sq. ft. coverage	Up to 2400 (tight construction)
Fan Speeds	Variable (9)
Replacement Wick	No. 1043(CN)
Automatic Humidistat	Yes
Controls	Digital
ETL Listed	Yes
Volts	120
Hertz	60
Watts	70

CAUTIONS ON ADDITIVES TO WATER:

- To maintain the wick's integrity and warranty, never add anything to the water except Essick Air bacteriostat for evaporative humidifiers. If you only have softened water available in your home, you can use it, but mineral buildup will occur more quickly. You can use distilled or purified water to help extend the life of the wick.
- Never add essential oils in the water. It can damage the plastic seals and cause leaks.

NOTES ON LOCATION:

In order to get the most effective use from your humidifier, it is important to position the unit where the most humidity is needed or where the moist air will be circulated throughout the house such as near a cold air return. If the unit is positioned close to a window, condensation may form on the window pane. If this occurs the unit should be repositioned in another location.



Place humidifier on a flat level surface. Do NOT position the unit directly in front of a hot air duct or radiator. Do NOT place on the soft carpet. Due to the release of cool, moist air from the humidifier, it is best to direct air away from the thermostat and hot air registers. Position humidifier next to an inside wall on a level place at least 2 inches away from the wall or curtains.

Be sure that the humidistat, which is located on the power cord, is free from obstruction and away from any hot air source.

ASSEMBLY

1. Unpack the humidifier from the carton. Remove all packaging materials.

CASTERS

2. Lift chassis off of the base and set aside. Remove the parts bag, wick/ wick retainer, and float from the base.
3. Turn the empty base upside down. Insert each caster stem into a caster hole on each corner of the humidifier bottom. The casters should fit snugly and be inserted until the stem shoulder reaches the cabinet surface. Turn the base right side up.

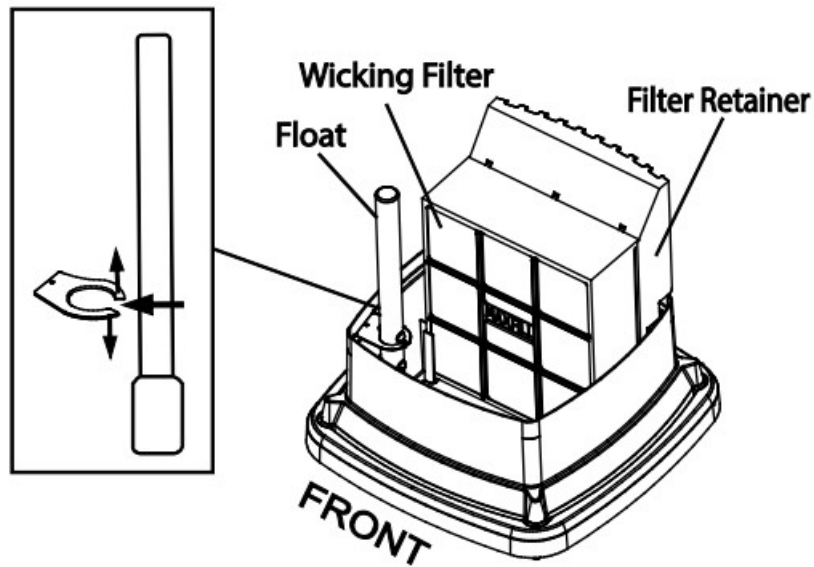
FLOAT

4. Install float by separating the two flexible halves of the retainer clip, inserting the float into the clip, and securing it into the base.

EVAPORATIVE WICK

5. Ensure 1043(CN) is installed in the two-part wick retainer base in the base of the humidifier
6. Position the chassis over the base frame and press it onto the base firmly until it is in place.

CAUTION: Ensure the chassis is placed on the base with the float facing forward to prevent damage to components.



WATER FILL

CAUTION: Before filling, ensure the unit is turned OFF and unplugged

7. Open the fill door on the front of the unit. Insert the funnel into the open fill door.

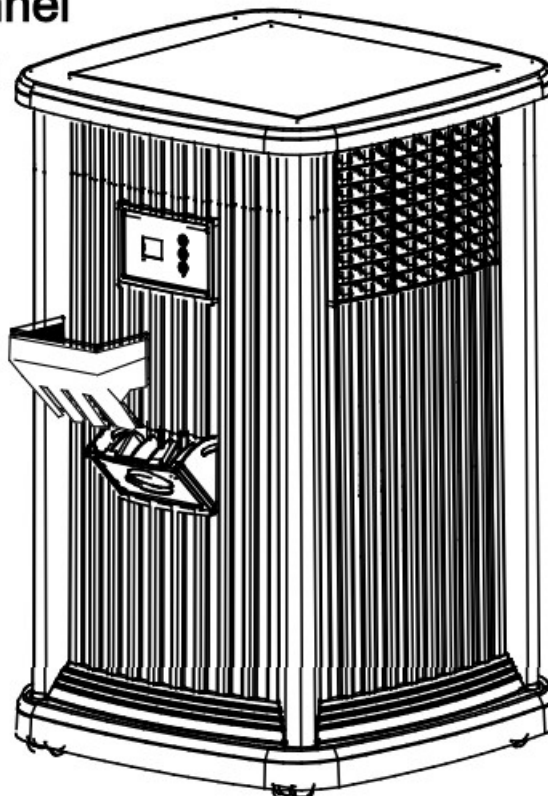
Using a pitcher, carefully pour water to the MAX FILL level on the wick frame.

NOTE: On initial fill up, it will take approximately 20 minutes for the unit to become ready for operation, since the wick must become saturated. Subsequent fillings will take approximately 12 minutes since the wick is already saturated.

NOTE: We recommend using Essick Air® Bacteriostat Treatment when you refill the water reservoir to eliminate bacterial growth. Add bacteriostat according to the instructions on the bottle.

8. After the filling process is complete, and the wick is saturated, the unit is ready for use.

**Insert funnel
into open
fill door**



ABOUT HUMIDITY

Where you set your desired humidity levels depends on your personal comfort level, the outside temperature and

the inside temperature.

NOTE: Recent CDC tests show that only 14% of flu virus particles could infect people after 15 minutes at levels of 43% humidity.

You may wish to purchase a hygrometer to measure the humidity level in your home.

The following is a chart of recommended humidity settings.

IMPORTANT: Water damage may result if condensation starts to form on windows or walls. Humidity SET point should be lowered until condensation no longer forms. We recommend room humidity levels do not exceed 50%.

When Outdoor Temperature is:		Recommended Indoor Relative Humidity (RH) is
°F	°C	
-20	-30°	15 – 20%
-10°	-24°	20 – 25%
2°	-18°	25 – 30%
10°	-12°	30 – 35%
20°	-6°	35 – 40%
30°	-1°	40 – 43%

OPERATION

Plug cord into wall receptacle. Your humidifier is now ready for use. The humidifier should be placed at least TWO inches away from any walls and away from heat registers. Unrestricted airflow into the unit will result in the best efficiency and performance.

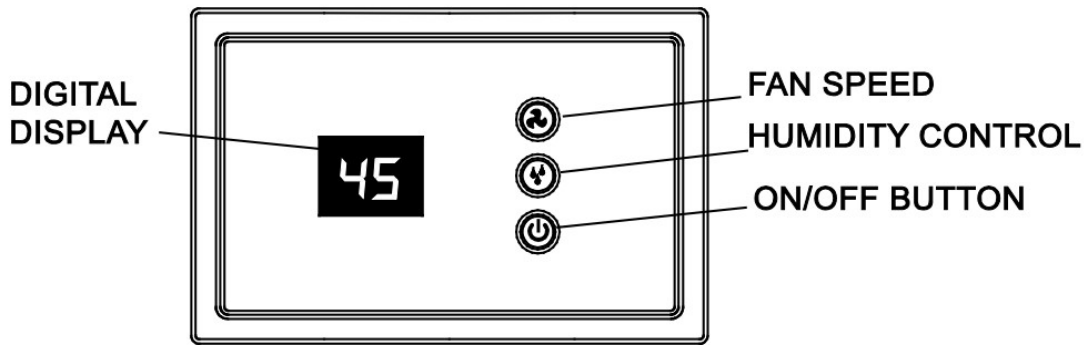
NOTE: This unit has an automatic humidistat located in the control that senses the humidity level around the immediate area of the humidifier. It turns the humidifier on when the relative humidity in your home is below the humidistat setting and will turn the humidifier off when the relative humidity reaches the humidistat setting.

CONTROL PANEL

This unit has a digital control panel that allows you to adjust fan speed and humidity level, as well as view information on the status of the unit. The display will also indicate if the optional Remote Control is in use at the time. Remote can be purchased separately and used with any EP9 series unit. See parts list at back to order part number 7V1999.

CAUTION: If a plant is placed on the pedestal, ensure no water is poured onto the control panel when watering the plant. If water enters the electronic control panel, damage may result. If controls get wet, let them dry completely and have the unit checked by authorized service personnel before plugging in.

1. The digital controller has a display that provides information on the status of the unit. Depending on which function is being accessed, it displays relative humidity, fan speed, set humidity, and indicates when the unit is out of water.



FAN SPEED

2. The Speed button controls the variable speed motor. Nine speeds provide precise fan control. Press the power button and select fan speed: F1 through F9 proceeding from low to high speed. The initial default setting is high (F9). Adjust as desired. The fan speed will display on the control panel as the speeds are stepped through.



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

HUMIDITY CONTROL

NOTE: Allow 10 to 15 minutes for the humidistat to adjust to the room when setting up the unit for the first time.

NOTE: The EP9500(CN) has an automatic humidistat located on the cord that measures the relative humidity in the room, the humidifier cycles on and off as required to maintain the selected setting.



1. At initial startup, the relative humidity of the room will be displayed. Each successive push of the Humidity Control The button will increase the setting in 5% increments. At 65% set point, the unit will operate continuously.

OTHER FEATURES / INDICATIONS

The filter's condition is critical to the humidifier's effectiveness. A check filter function (CF) will display every 720 hours of operation to remind the user to check the condition of the wick. Discoloration and the development of crusty mineral deposits indicate the need for the replacement of wick. The replacement may be required more often if hard water conditions exist.

1. This humidifier has a check filter reminder timed to appear after 720 hours of operation. When the Check Filter

(CF) message is displayed, disconnect the power cord and check the condition of the filter. If a build-up of deposits or severe discoloration is evident replace the filter to restore maximum efficiency. The CF function is reset after plugging the unit back in.



2. When the unit is out of the water, a flashing F will appear on the display panel.



AUTO DRYOUT

At this time the unit will automatically switch into **AUTO DRY OUT MODE** and continue to run on the lowest speed until the filter is completely dry. The fan will shut off leaving you with a dry humidifier that is less prone to mold and mildew.

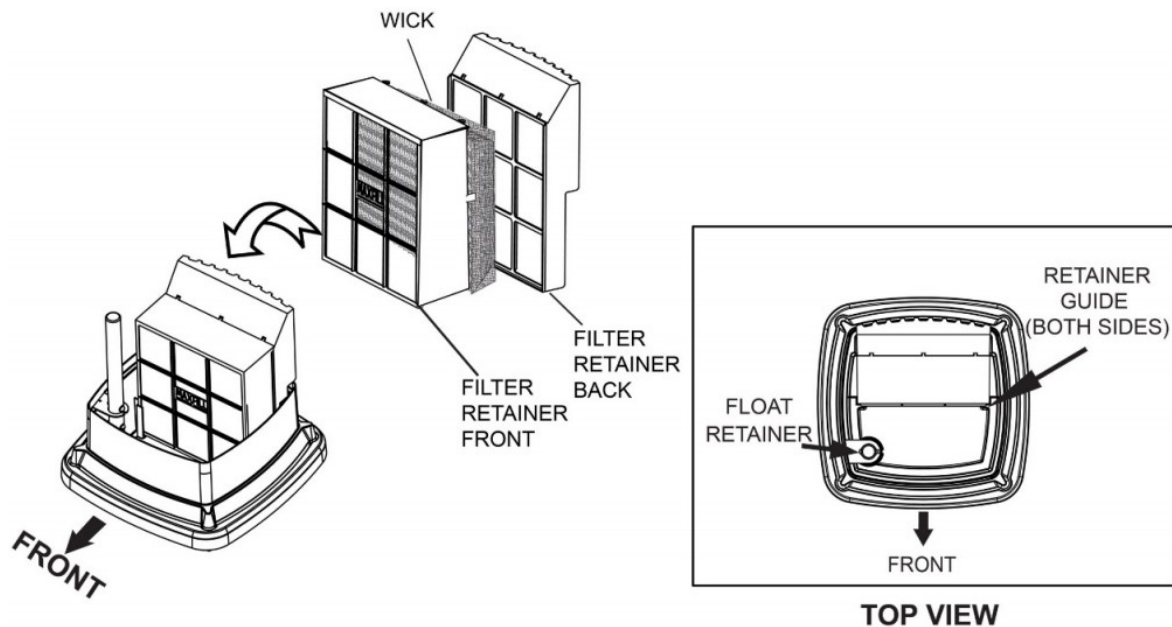
If **AUTO DRY OUT MODE** is not desired, refill the humidifier with water and the fan will return to the set speed.

WICK REPLACEMENT

The EP Series uses the 1043(CN) Super Wick. Always use the original AIRCARE brand wick to maintain your unit and maintain your warranty.

First, remove any items on top of the pedestal.

1. Lift chassis up off the base to reveal the wick, wick retainer, and float.
2. Remove the wick and retainer assembly from the base and allow excess water to drain.
3. Remove wick from the frame by squeezing the wick in a bit and pulling it through the bottom of the frame.
4. Replace the chassis on top of the base being careful to note the front of the unit and not damage the float when repositioning the chassis.



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 reservoir after cleaning. We recommend cleaning your humidifier whenever changing the wicks. 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, part number 1970(CN).

STANDARD CLEANING

1. Remove any items from the pedestal top. Turn off the unit completely and unplug from the outlet.
2. Lift off chassis and set aside.
3. Carry or roll base to cleaning basin. Remove and dispose of the used wick. Do not dispose of retainer.
4. Pour out any remaining water from the reservoir. Fill the reservoir with water and add 8 oz. (1 cup) of undiluted white vinegar. Let stand 20 minutes. Then pour out the solution.
5. Dampen a soft cloth with undiluted white vinegar and wipe out the reservoir to remove scale. Rinse the reservoir thoroughly with fresh water to remove scale and cleaning solution before disinfecting.

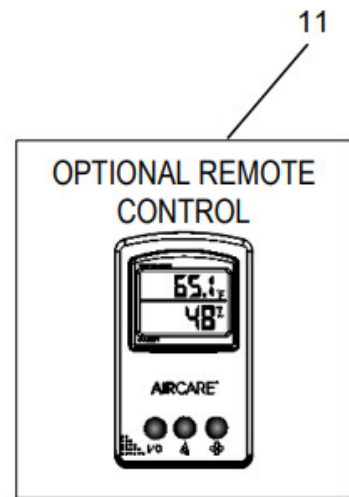
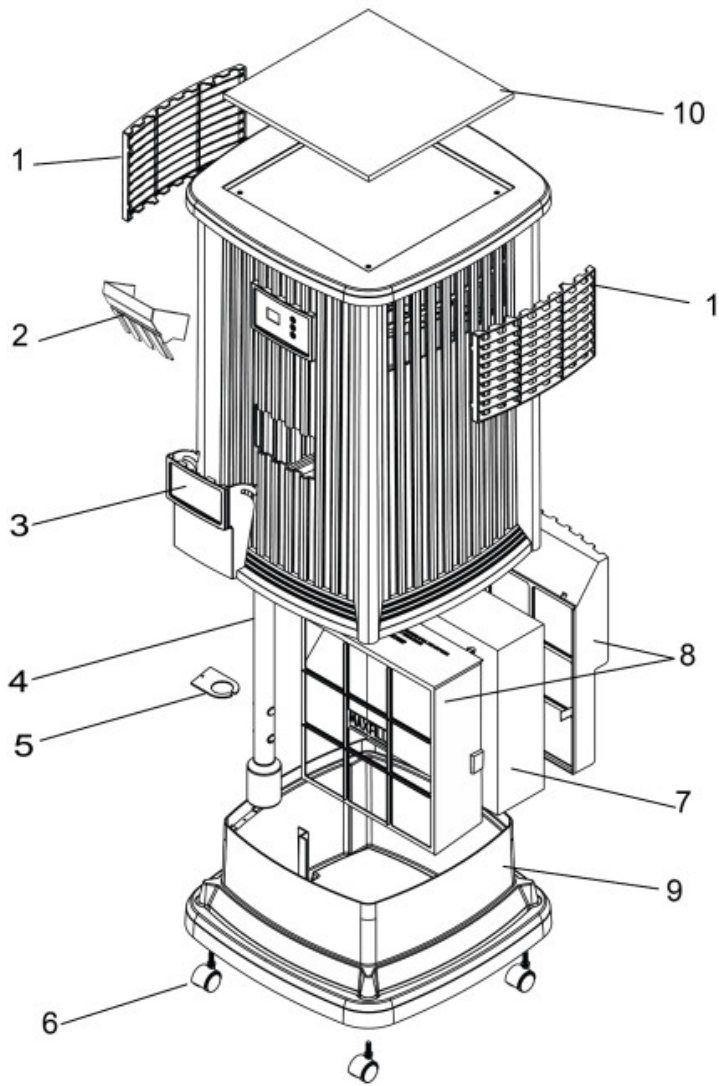
DISINFECTING UNIT

6. Fill the reservoir full of water and add 1 teaspoon of bleach. Let solution stay for 20 minutes, then rinse with water until bleach smell is gone. Dry interior surfaces with a clean cloth. Wipe down the outside of the unit with a soft cloth dampened with fresh water.
7. Refill unit and reassemble per **ASSEMBLY** instructions.

SUMMER STORAGE

1. The clean unit as outlined above.
2. Discard used wick and any water in the reservoir. Allow drying thoroughly before storage. Do not store water inside the reservoir.
3. Do not store the unit in an attic or other high-temperature area, as damage is probable.
4. Install new filter at beginning of the season

REPAIR PARTS LIST



Replacement Parts Available For Purchase

ITEM NO.	DESCRIPTION	Part Number	
		EP9 500(CN)	EP9 800 (CN)
1	Deflector/Vent	1B71973	1B72714
2	Funnel	1B72282	1B72282
3	Fill Door	1B71970	1B72712
4	Float	1B71971	1B71971
5	Float Retainer	1B71972	1B72713
6	Casters (4)	1B5460070	1B5460070
7	Wick	1043(CN)	1043(CN)
8	Wick retainer	1B72081	1B72081
9	Base	1B71982	1B72716
10	Insert	1B72726	1B72726
11	Remote Control t	7V1999	7V1999
—	Owner's Manual (Not pictured)	1B72891	1B72891

Parts and accessories may be ordered by calling 1-800-547-3888. Always order by part number, not an item number. Please have the model number of the humidifier available when calling.

TROUBLESHOOTING GUIDE

Trouble	Probable Cause	Remedy
The unit does not operate on any speed setting	•No power to the unit.	•Ensure polarized plug is fully inserted in the wall outlet.
	•Unit has run out of water – fan will not operate without water is present	•Refill reservoir.
	•Refit switch operation/improper positioning of float assy.	•Ensure float assembly is correctly positioned as described in •Water Fill. page 5.
The light remains on in chassis after the unit has been turned off.	•LED light stays on in the cabinet whenever power is supplied.	•This is normal.
Not enough humidity.	•Wick is old and ineffective. •Humidistat is not set high enough	•Replace wick when dogged or hardened with minerals. •Increase humidity setting on the control panel.
Too much humidity. (condensation becomes heavy on fold surfaces in room)	•Humidistat is set too high.	•Reduce humidistat setting or increase room temperature.
Water leak	•Cabinet may have been overfilled. There is a safety overflow hole in the rear of the cabinet.	•DO NOT OVERFILL cabinet. The correct water level is indicated inside of cabinet sidewall.
Odor	•Bacteria may be present.	•Clean and disinfect cabinet blowing Care and Maintenance instructions. •Add EPA registered Bacteria Treatment according to instructions on the bottle. •It may be necessary to replace the wick if the odor persists.
The Control panel does not respond to input. Display shows CL	•Control lock feature has been turned on to prevent changes in settings.	•Press Humidity and Speed buttons at the same time for 5 seconds to deactivate the feature.
Water leaking from the unit	•Bottle caps not properly tightened or situated tightened	•Check that fill cap is secure and the bottle cap is correctly aligned in the base.
The display flashes -20'	•ROOM Humidity is lower than 20%.	•Wait read actual humidity when level comes up to 25%.
Display flashes “—”	•Unit initiating. •Room humidity is over 90%.	•Room humidity will display after initiation is complete. •In remain until the humidity drops below 90%.

HUMIDIFIER TWO YEAR LIMITED WARRANTY POLICY

SALES RECEIPT REQUIRED AS PROOF OF PURCHASE FOR ALL WARRANTY CLAIMS.

This warranty is extended only to the original purchaser of this humidifier when the unit is installed and used under normal conditions against defects in workmanship and materials as follows:

- Two (2) years from date of sale on the unit, and
- Thirty (30) days on wicks and filters, which are considered disposable components and should be replaced periodically.

The manufacturer will replace the defective part/product, at its discretion, with return freight paid by the manufacturer. It is agreed that such replacement is the exclusive remedy available from the manufacturer and that TO THE MAXIMUM EXTENT PERMITTED BY LAW, THE MANUFACTURER IS NOT RESPONSIBLE FOR DAMAGES OF ANY KIND, INCLUDING INCIDENTAL AND CONSEQUENTIAL DAMAGE OR LOSS OF PROFITS OR REVENUES.

Some states do not allow limitations on how long an implied warranty lasts, so the above limitations may not apply to you.

Exclusions from this warranty

We are not responsible for the replacement of wicks and filters.

We are not responsible for any incidental or consequential damage from any malfunction, accident, misuse, alterations, unauthorized repairs, abuse, including failure to perform reasonable maintenance, normal wear and tear, nor where the connected voltage is more than 5% above the nameplate voltage.

We are not responsible for any damage from the use of water softeners or treatments, chemicals or descaling materials.

We are not responsible for the cost of service calls to diagnose the cause of trouble, or labor charge to repair and/or replace parts.

No employee, agent, dealer or other person is authorized to give any warranties or conditions on behalf of the manufacturer. The customer shall be responsible for all labor costs incurred.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

How to obtain service under this warranty

Within the limitations of this warranty, purchasers with inoperative units should contact customer service at 800-547-3888 for instructions on how to obtain service within the warranty as listed above.

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

Register your product at www.aircareproducts.com.

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5800 Murray St.
Little Rock, AR 72209

DOWNLOAD RESOURCES

- [AIRCARE Pedestal Evaporative Humidifier](#) [pdf] User Guide Pedestal Evaporative Humidifier, EP9 SERIES, EP9 800, EP9 500
- Read more: <https://manuals.plus/aircare/pedestal-evaporative-humidifier-manual#ixzz7ohGsQcSd>

FAQ'S

Is it safe to use distilled water in this unit?

Yes. Distilled water is recommended for use in all evaporative humidifiers. Tap water may contain minerals that will deposit on the evaporative pad and reduce its effectiveness.

How often should I change the humidifier pad?

The humidifier pad should be replaced every 30-60 days depending on usage. If the humidifier is used continuously, a replacement should be made every 30 days. If the humidifier is used intermittently, a replacement

should be made every 60 days.

How often should I clean my humidifier?

The unit should be cleaned once a week or more often if needed. Cleaning instructions are included with your unit.

Can I use my humidifier during an electrical power outage?

No, do not use your humidifier during an electrical power outage as this may cause damage to the unit and/or property damage due to electrical shock or fire.

How does AIRCARE evaporative humidifier work?

They have an internal disc that vibrates at an ultrasonic frequency, which breaks the water into tiny droplets to form a fine mist. That mist is blown into your air by the unit's fan. That might sound like a no-brainer – no wicks equals no hassle!

Do evaporative humidifiers clean the air?

From the functions of each type of humidifier above, you can tell that humidifiers do not clean the air. Its purpose is to increase humidity levels or to add water into a dry environment. While humidifiers improve the air quality, it doesn't clean it.

Will an evaporative humidifier cool a room?

Since they draw in fresh air, evaporative coolers are a great economical way to cool your home, but they are also a healthy way to cool your home. Adding healthy humidity to your home can help reduce many allergens. Increased humidity also helps relieve eye and skin irritations, nosebleeds, even respiratory illnesses.

Should a humidifier be left on all night?

Leaving your humidifier running at night time has numerous benefits for your overall health and well-being. You'll have much better sleep, less infection risk, and moisturized skin. A better sleep experience: When your humidifier is switched on while you sleep at night, it maintains the room humidity.

What is the difference between humidifier and evaporative humidifier?

As mentioned above, an ultrasonic humidifier produces water droplets by using a vibrating element. Meanwhile, evaporative humidifiers evaporate the water inside with a fan pushing out the water vapor into the air.

What is a good humidity level inside during winter?

Generally speaking, the ideal comfort level is between 30-50%. Winter levels will be between 30-40% and in the summer it should be around 40-50%, depending on the outside temperature. You want to feel cool in the summer and warm in the winter and humidity plays a crucial part in the level of comfort in your home.

Do dehumidifiers use a lot of electricity?

Mini models can use as little as 22 watts, while high-volume dehumidifiers go up to around 500 watts. An example dehumidifier that can extract up to 20 litres a day, with a wattage of 480w would use 0.48 kWh, meaning that an hour's usage would cost just under 16p.

How do I keep my humidifier mold free?

To prevent the growth of mold and other contaminants, we recommend rinsing, towel-drying, and refilling your humidifier's tank with fresh water daily. Once a week the tank and the base will need a deeper cleaning and sanitizing. Replace filters and wicks according to the maker's recommended schedule.




<https://manuals.plus/wp-content/uploads/2021/09/AIRCARE-Pedestal-Evaporative-Humidifier-VIDEO-1.mp4>

AIRCARE®

AIRCARE Pedestal Evaporative Humidifier
<https://aircareproducts.com/>

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