



VENTA AIRWASHER LW25 / LW45 COMFORT ^{Plus}

USER MANUAL

READ AND SAVE THESE IMPORTANT INSTRUCTIONS

QUESTIONS?

SERVICE HOTLINE 888-333-8218

venta
AIR-CRAFTING SINCE 1981



MADE IN GERMANY
PREMIUM QUALITY

VENTA AIRWASHER

User Manual

FOR MODELS LW25 COMFORT^{PLUS}, LW45 COMFORT^{PLUS}

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IMPORTANT SAFEGUARDS

WARNING!

It is important that you read, fully understand, and observe the following safety precautions and warning. Read these instructions periodically. Careless or improper use of your Venta Airwasher may cause serious or even fatal injury. Keep this User Manual with your Airwasher. Be sure anyone using your Airwasher understands the information contained in this manual.

- Children should not operate the Airwasher.
- Always switch the motor off and unplug the power supply from the AC outlet before filling it with water, adding Venta Water Treatment Additive, Venta Cleaner, Venta Aromatherapy, or before moving/handling the unit.
- Plug into 110-120V AC outlet only. Do not use your Airwasher if the power supply or plug is damaged. Do not replace a damaged power supply or plug. Only Venta may replace the power supply or plug.
- The Airwasher can only be operated with the Model No. BI13-240050-CdU power supply (included).
- Do not attempt any repair work. Maintenance or servicing the Venta Airwasher, other than described in this use manual, should only be done by Venta. Any modification to your Airwasher is extremely dangerous and voids your warranty.
- Do not insert any objects into the air intake of the unit. It may damage the fan blades or cause injuries. After the motor is switched off, the fan continues to rotate for a short period of time.
- Do not use or store where it can fall or be pulled into a bathtub, sink, water, or other liquid. Do not reach for a unit that has fallen into water or other liquid. Do not immerse in water or other liquid, even when the unit is unplugged or off. Moisture can cause an electric shock hazard when the unit is again plugged into the AC outlet. Wipe moisture off the unit with a dry cloth. Do not handle the power supply or the unit with wet hands.
- Use only genuine Venta Aromatherapy. Using non-Venta Aromatherapy will void the warranty.

Read and follow separate instructions and Warnings for Venta Water Treatment Additive, Venta Cleaner, and Venta Aromatherapy.

Please contact Venta Air Technologies Inc. at 888-333-8218 or www.venta-usa.com/contact for additional information.

Easy Setup Guide

Welcome to the Venta Community!

Setting up your Airwasher is much simpler than you would expect. Just follow these 7 steps and your Airwasher will be up-and-running in less than 10 minutes!

1. Unpacking

First things first, remove bottle(s) of Water Treatment Additive from the corner of your packaging. Keep these handy as you'll need them in a bit. Unpack your Airwasher setting the Styrofoam aside. You may want to return the Styrofoam to the box and keep the box for any future Airwasher storage needs.

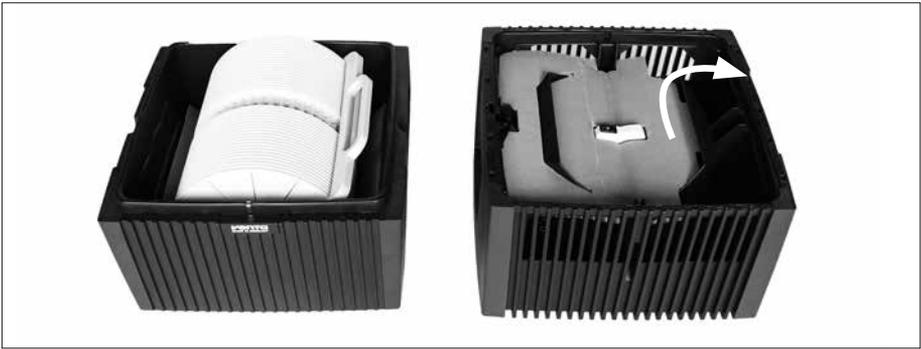


2. Examine Your Airwasher (Part 1)

Check both the upper housing and the motor for any cracks or damages. If both are fine, place the motor back inside its housing, making sure to plug it back in as you do so. Close the upper housing, starting with the vented panels, and clip the tabs. Set the upper housing upside down.

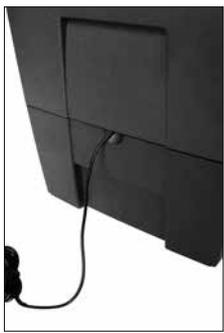


3. Examine Your Airwasher (Part 2)



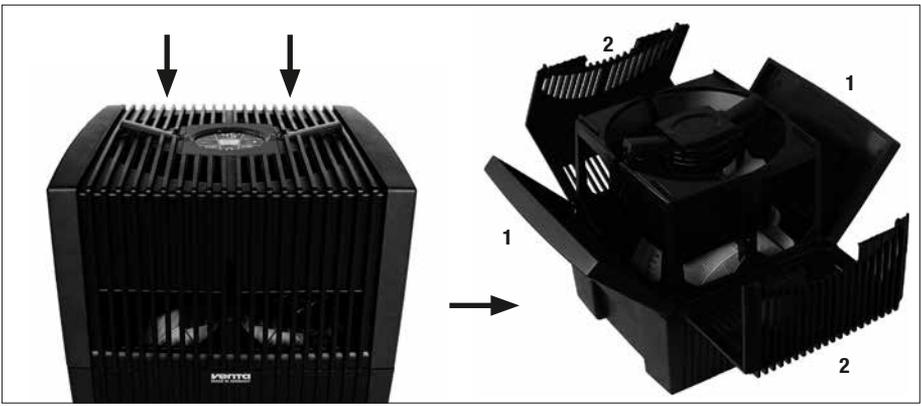
Remove the disc stack(s) from the lower housing and set them aside. Remove the protective cardboard from the upper and lower housings. Check the lower housing and the disc stack(s) for any cracks or damages. If everything is fine, put the disc stack(s) back in the lower housing.

Undo the tie holding the power cord and place the upper housing on the lower housing, guiding the power cord out through the slot provided.



Please contact Venta Air Technologies Inc. at 888-333-8218 or info@venta-usa.com if there is any damage to your unit.

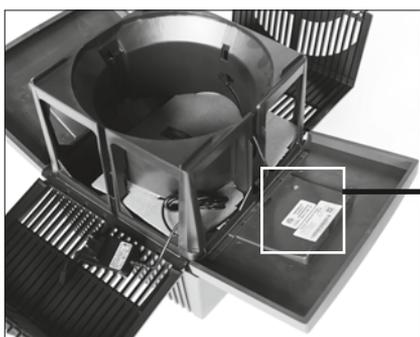
4. Opening the Airwasher



Open the top of your Airwasher by releasing the tabs on the control panel and opening the four panels, starting with the non-vented panels.

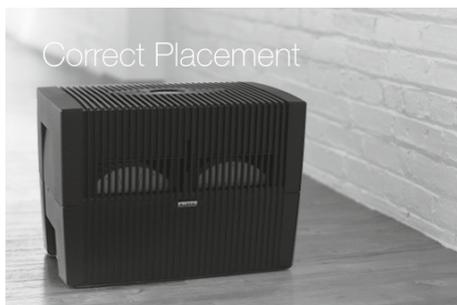


Lift the motor out of the housing, remove the power cable, and set it aside for a moment.

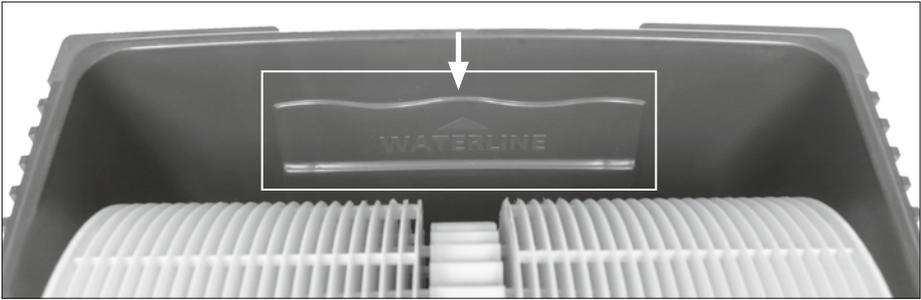


On the inside of one of the panels is a sticker with the serial number on it. Write this number down as you'll need it later!

5. Set it up



Now it's time to set up the Airwasher. Find the place where you'd like your Airwasher to live, making sure to place it properly for best results! Set the Airwasher there, but don't yet plug the unit in.



Remove the upper housing from the lower housing and set it aside for a moment. Take the lower housing over to your sink/bathtub/water source and fill it with regular tap water up to the water line. Remember the bottle(s) of Water Treatment Additive? Go grab those and pour them into the water in the lower housing. Once it's filled, carry it back over to the upper housing.

Place the upper housing back onto the lower housing.



6. Turn it on

Plug the Airwasher in, switch on device by briefly touching the power button in the display, set the power setting to level 2, and enjoy the fresh air! At power setting 2, the Airwasher will need to run continuously for about 5 days to properly condition the room it is in. After that, you will notice the full impact of the Airwasher upon the air in your home!

i Only once the device is connected to the mains will the power button  glow to switch the device on and off.

7. Activate your Warranty

Remember that serial number you wrote down earlier? Use that serial number to complete the registration card here in the manual to register your unit and activate your 2-year warranty!

Congratulations! Your Airwasher is now fully functioning!

HELPFUL HINTS

- Dishwashers: The Venta Airwasher's lower housing, disc stack(s), and upper housing (first removing the motor assembly from the upper housing) can go into a dishwasher on the cool or rinse cycle. It is recommended that it not be washed with dishes. The motor assembly cannot be submerged in water or placed in the dishwasher. DO NOT USE detergent, mild soap, bleach, or household cleaners.
- Cleaning of disc stack(s): If a dishwasher isn't an option, cleaning the disc stack(s) can be done by soaking disc stack(s) in hot water with Venta Cleaner or white vinegar for approx. 30 minutes. This will help loosen any buildup of calcium or lime that may have accrued. Always rinse with warm water after cleaning.
- Vinegar and Water Solution: Should be either 50:50 or 3:1 ratio of white vinegar and water used instead of Venta Cleaner.
- Do not use the appliance in an environment with temperatures consistently over 95 degrees Fahrenheit.

**Please contact Venta Air Technologies Inc. at
888-333-8218 or info@venta-usa.com**

Dear Customer,

Thank you for choosing the Venta Airwasher, the best 2-in-1 humidifier and purifier on the market. With its dual-function humidification and purification system, Venta represents a unique and revolutionary technology. The only filter needed is fresh water. With proper maintenance, the Venta Airwasher will consistently perform at a high level, providing perfect indoor air.

WHY IS THE VENTA 2-IN-1 SYSTEM A UNIQUE AND REVOLUTIONARY TECHNOLOGY?

1. It cleans and improves dry, dirty indoor air by washing it with water. No filters, no vaporization, no ions, no ozone, and no white dust.
2. It adds vital humidity through cold evaporation, recognized as the best method of humidification.
3. No endless cost of replacing dirty filters. Water is the only filter, cleaning constantly, consistently, and efficiently.

CLEAR TOUCH DISPLAY WITH COMFORT DISPLAYS AND SETTINGS:

- Display of relative humidity in the room
- Reminder display for perfectly hygienic continuous operation
- Sleep mode for pleasantly restful nights
- Automatic operation mode for automatic fan speed regulation
- Display of low water level with automatic device shut-off

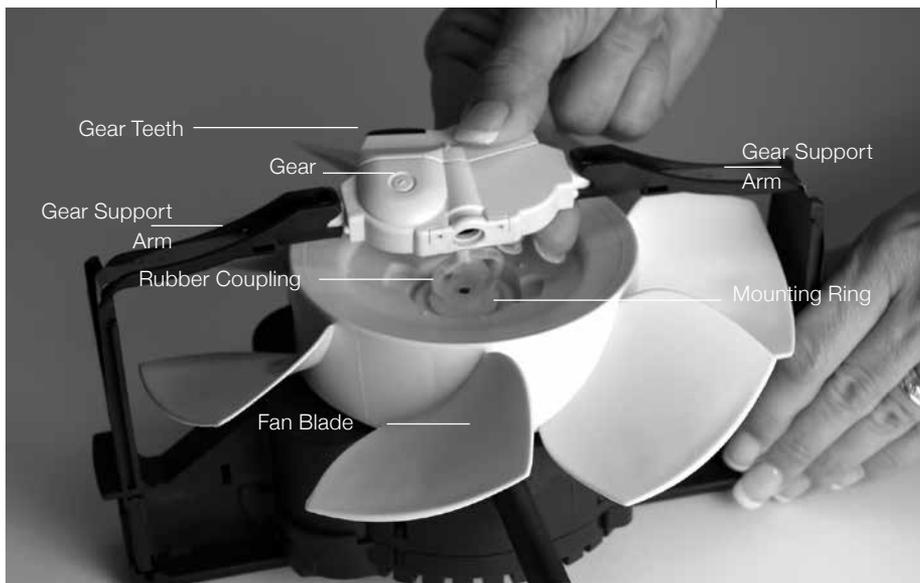
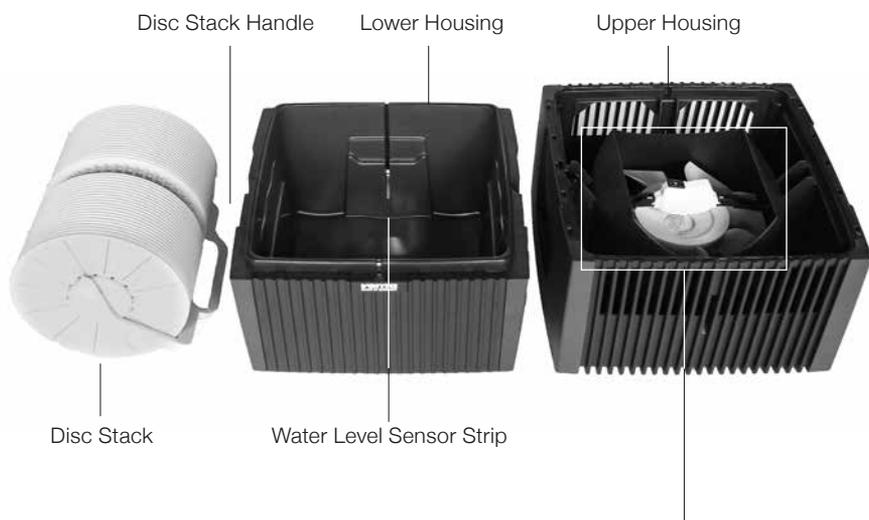
WHY IS THE VENTA 2-IN-1 SYSTEM A SUPERIOR METHOD TO CLEAN THE AIR?

Dry air is hard to clean. A combination of humidification and purification is far more effective. Many airborne particles fall to the floor when moistened. Smaller particles, such as the ones that cause odors, are trapped in the water and eliminated, leaving only pure air.

Your investment in the Venta Airwasher will certainly prove worthwhile. Without proper humidity in your air, your body doesn't function the way it should - the mucous membranes in your nose can't filter out bacteria, your lungs can't take in as much oxygen, and your skin loses its elasticity. With the Venta Airwasher, not only will you be protecting yourself and your family from these common issues, but you'll also be protecting plants and pets. Furthermore, the Airwasher can help preserve the beauty of precious antiques, musical instruments, and wooden floors and furnishings by maintaining a level of humidity between 40 and 55% in your home or office.

Over half of all Venta Airwashers are sold on the basis of recommendation by satisfied customers. Our goal is that you are completely satisfied and that you recommend the Venta Airwasher to your family and friends. If you have any questions or concerns, please contact us at 888-333-8218 or info@venta-usa.com

Main Components



Displays, Functions & Settings



Display	Function
1 HUMIDITY	Display humidity in the room.
2 fan speed	Display fan speed 1 - 2 - 3.
<i>The following displays can be changed or switched on and off by lightly touching them.</i>	
3 - and +	fan speed: - reduces and + increases the speed.
4 SLEEP	<p>Night mode</p> <p>ON: The device dims the display lighting and reduces the fan speed to 1.</p> <p>i fan speed 2 can be changed manually with + or - button 3. Automatic operation 6 is not possible.</p> <p>OFF: Bright display lighting and device runs with set fan speed 1 - 3.</p>
5 	Power button to switch the device on and off.

Display

Function

6 AUTO

Switch **Automatic operation** on device on or off by briefly touching the AUTO button

ON: AUTO in the display *flashes continuously* and device automatically regulates the fan speed depending on the humidity in the room.



When switching on AUTO, the desired humidity (50% pre-set) *flashes twice* and then will show the measured humidity in the room in the HUMIDITY display **1**.



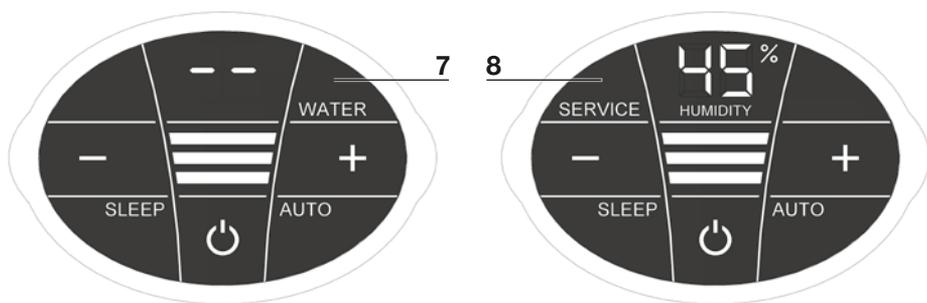
If the pre-set humidity is exceeded by more than 5%, the fan will switch off after approx. 60 seconds and no fan speed will appear in speed display **2**. No air humidification/air purification will take place.

OFF: AUTO in the display is lit continuously, and the device runs at the set fan speed 1 - 3.

Set desired humidity 30 – 70%:

Hold AUTO-button for 3 seconds. The HUMIDITY **1** display will flash continuously. Set the desired humidity (in 5% increments) using the - or + buttons **3**. Hold AUTO-button for 3 seconds again until the flashing in display HUMIDITY **1** and the humidity measured in the room is shown again.

Cleaning & Maintenance



Attention! Ensure that the device is switched off during any measures and the power supply is disconnected from the outlet!

Display

Measures

7 WATER

Remove upper housing. Fill lower housing with tap water up to the WATERLINE marking. Place upper housing on lower housing and put device in operation again.



As soon as there is not enough water in the lower housing, the device is switched off automatically and the WATER display appears. In the HUMIDITY display **1**, two lines will flash and the humidity in the room is not shown.



To humidify and clean the room air continuously, we recommend refilling the water in a timely manner.

8 SERVICE

Remove upper housing. Drain residual water from lower housing. Rinse lower housing and disk stack. Fill lower housing with tap water up to the WATERLINE marking maximum and add the Venta Water Treatment Additive (WTA) (for dosage see scale on rear of bottle). Re-assemble the device. Touch SERVICE display **8** in the display and hold it for 3 seconds until it goes off.



For flawlessly hygienic continuous operation, the SERVICE display indicates a reminder every 14 days that this measure needs to be carried out.



This measure can be carried out if required, even if the SERVICE message is not shown. Afterwards, simply touch SERVICE display **8** and hold for 3 seconds. The next reminder will now be shown again in 14 days with the SERVICE message

Any remaining liquid in the water tray and on the Disc Stack (white, green-yellow or brown deposits or discolorations) do NOT impair the function of the device.

TWICE A YEAR

Use the Venta Cleaner periodically to thoroughly clean the Venta Airwasher. See page 16 for instructions. Or if you prefer, Venta Air Technologies Inc. offers a professional cleaning through our Ultrasonic Cleaning Program. Call us toll-free at 888-333-8218 for details.

ANYTIME

Add 2-4 capfuls of our specially formulated Venta Aromatherapy.

TRANSPORTATION

Warning! Always switch off the motor and unplug the power supply from the A/C outlet before moving the Venta Airwasher.

CLEANING THE METAL STRIPS

Scrub the thin metal contact strips that run down the inside of the lower housing unit of any visible deposits or buildup. Use a kitchen scrubbing pad or old toothbrush during the normal cleaning cycle to keep the unit running as designed.



Venta Water Treatment Additive

APPLICATIONS

Venta Water Treatment Additive (WTA) is designed to maintain hygienic conditions in the lower housing and to keep the evaporation process functioning at the highest level. The use of WTA is recommended for the best performance and efficiency of your Venta Airwasher. Proper usage will prevent the formation of hard calcium deposits. Simply rinse and wipe out any sediment when changing the water. WTA serves three (3) purposes:

- It improves the performance of the Airwasher by creating sheeting action on the disc(s) with the effect of increasing the amount surface area it covers.
- It helps remove calcium and lime buildup.
- It kills bacteria and mold.

DIRECTIONS

Fill lower housing with water daily. Every 14 days add a dose of WTA. The lower housing should be periodically rinsed and cleaned every 14 days. One dose of WTA is 3.5 fl. oz. which is equal to one black marking on the left side of the label.

CAUTION!

KEEP OUT OF REACH OF CHILDREN

EMERGENCY FIRST AID TREATMENT: Contains Quaternary Ammonium Chlorides. Eye and skin irritant. In the event of contact with eyes flush thoroughly with water. In the event of skin contact, rinse with water. Harmful if swallowed. Do not induce vomiting. Seek medical attention. Venta WTA is recommended for use with the Venta Airwasher only. Shelf life when stored in a cool location away from sunlight: 30 months. After opening, use within 12 months. WTA is not suitable for ultrasonic, heat vaporizing, or atomizing-type vaporizer humidifiers. Not suitable for 6 Series Airwasher and Air Purifier models with Hygiene Disc. CONTAINS: Water, wetting agents, softening agents, and preservatives.

WARNING! Venta WTA is not intended to be used with detergents, cleaning agents, or other chemicals. This will deactivate the additive. In cases when all water has evaporated, Venta WTA remains in the lower housing – it does not evaporate (like salt in sea water). Simply add more tap water and the WTA will activate. Venta Air Technologies Inc. is not responsible for damages caused by noncompliance with above directions and warnings.

**To purchase products directly from Venta please shop online at
www.venta-usa.com/shop or call toll-free 888-333-8218.
You can also contact us by email: info@venta-usa.com**

Venta Cleaner

Use every six months or more frequently if needed.

1. For thorough cleaning, fill lower housing with water before adding the entire contents of the bottle. Run the appliance on the lowest setting for approximately two hours.
2. Empty lower housing and rinse disc stack(s) and lower housing with warm water.
3. Fill lower housing with water and add one dose of WTA.

CAUTION! KEEP OUT OF REACH OF CHILDREN

EMERGENCY FIRST AID TREATMENT: In the event of contact with eyes flush thoroughly with water. In the event of skin contact, rinse with water. Contains: Water and citric acid.

WARNING! Venta Cleaner is recommended for use with the Venta Airwashers and Kuubel XL-T only. Shelf life when stored in a cool location away from sunlight: 30 months. After opening, use within 12 months. Venta Cleaner is not suitable for ultrasonic, heat vaporizing, or atomizing-type vaporizer humidifiers. Venta Cleaner is not intended to be used with detergents, cleaning agents, or other chemicals. Venta Air Technologies Inc. is not responsible for damages caused by noncompliance with above directions and warnings.

Venta Aromatherapy

Distinctive aromatherapy blends are specially formulated for your Venta Airwasher and are water soluble. Not suitable for 6 Series Airwasher and Purifier models with Hygiene Disc.

DIRECTIONS

Add 2-4 capfuls of aromatherapy oil directly to the water in the lower housing. Effectiveness: Depending on room size, about 2-4 hours.

CAUTION! KEEP OUT OF REACH OF CHILDREN

COMBUSTIBLE: Keep away from flame and heat.

EYE AND SKIN IRRITANT: Avoid contact with eyes, skin, and clothing. Prolonged contact with skin may cause allergic reaction.

DO NOT ingest.

FIRST AID TREATMENT: If in eyes, immediately flush eyes with water and seek medical attention. If on skin, wash with soap and water. If swallowed, **DO NOT** induce vomiting. Rinse mouth with water and call a physician or poison control center immediately.

CONTAINS: Fragrance oils. Wash hands after handling.

Additional Information

Technical data	LW25 COMFORT <i>Plus</i>	LW45 COMFORT <i>Plus</i>
For rooms up to	485 sq.ft.	645 sq.ft.
Mains voltage	100-240 V / 50-60Hz	100-240 V / 50-60Hz
Disk surface	22.5 sq.ft.	45 sq.ft.
Speeds	3	3
Sound level	24 / 34 / 44 dBA	24 / 35 / 45 dBA
Dimensions	11.8x11.8x13 in	17.7x11.8x13 in
Weight (empty)	~8.5 lb.	~13 lb.
Energy consumption (Speed 1 - 2 - 3)	~3 - 5 - 8 watts	~3 - 5 - 8 watts
Water reservoir	1.8 gallons	2.6 gallons
Warranty	2 years	2 years

Extremely low power consumption. Listed square feet are based on 8-foot ceilings.

Troubleshooting

WHAT HAPPENS IF...?

 **Ensure that the device is switched off during any measures and the power supply is disconnected from the outlet!**

... the appliance does not function?

1. Power supply not connected.
2. Cable connector not plugged in and latched into drive unit.

-  1. Connect power supply to main socket, switch on appliance.
2. Plug main cable connector into drive unit until it latches.

... the motor does not start?

The thin metal contact strips that run down the inside of the lower housing unit have a buildup of mineral deposits.

-  1. Clean metal strips.
2. Wipe dry (see also "Maintenance and Cleaning").

... there is clicking noise?

1. Mineral deposit contamination.
2. Rubber coupling is not inserted all the way into the gear.

-  1. Clean black gear prongs with toothbrush.
2. Remove gear and reinsert securely.
3. Call Customer Service: 888-333-8218

... there is wetness around the appliance?

Water has overflowed in between the double moldings of the lower housing.



Turn the empty lower housing upside down to dry. Allow 24 hours to dry.

... the disc stack(s) does/do not turn?

The rubber coupling is not securely inserted into the gear.



Check that the rubber coupling is properly inserted into the bottom of the gear.

... E1 is shown in the display?

The device has switched off automatically because the locking buttons on the upper housing are not closed properly.



Close upper housing properly again by pushing on the outer ends of locking buttons.

Switch device on and off with the power button .

... E2 is shown in the display?

The device has switched off automatically, because the motor is overstrained (e.g. through the intrusion of foreign objects or similar).



Measure: Remove upper housing. Check whether the disk stack in the lower housing as well as fan blades in the upper housing are freely movable. Next, place the device back in operation.

... the display is touched with stronger pressure?

This can result in visible “pressure points”, which does not represent a quality defect. After the pressure is removed, these “pressure points” will disappear.

... the power button to switch on the device does not appear in the display?

Please check whether the power supply is connected to the mains.

... the power button to switch on the device does not appear in the display, even though the power supply is connected to the mains?

Please check whether the power supply is firmly plugged into the drive unit



Measure: Remove upper housing. Check correct seating. Next, place the device back in operation.

... WATER is shown in the display, even though there is water in the lower housing?

Please check whether there is sufficient water in the lower housing and/or whether the upper housing is placed correctly on the lower housing.



Measure: Remove upper housing. Fill lower housing with tap water to the WATERLINE marking. Place upper housing correctly on lower housing. The power supply may not be jammed between the upper and lower housings. Next, place the device back in operation.

Frequently Asked Questions

HOW DOES THE VENTA AIRWASHER COMFORT ^{PLUS} HUMIDIFY?

The Venta Airwasher COMFORT ^{PLUS} operates by the process of cold evaporation, so you will not see any residue, vapors, or mists. The disc stack(s) rotate(s) in the water creating a surface area of over 45 sq. ft. (LW45 COMFORT ^{PLUS}). When dry air meets the surface area of the disc stack(s), the water evaporates and is sent out into the room. By using the cold evaporation process, any excess humidity can be virtually ruled out.

HOW DOES THE VENTA AIRWASHER COMFORT ^{PLUS} PURIFY?

Airborne particles, such as dust, pollen, and smoke are drawn in and passed over the rotating disc stack(s). The particles adhere to the wet disc stack(s) and are pulled down into the water. Water evaporates, while dirt and dust do not. The collected particles remain at the bottom of the lower housing and can be rinsed/wiped out at your convenience.

WHAT LEVEL OF HUMIDITY CAN BE EXPECTED AND HOW OFTEN SHOULD THE LOWER HOUSING BE FILLED?

Under ideal conditions, a humidity level of 40-55 % can be expected. Some factors affecting humidity level are: heating/cooling, home insulation, layout of the home, air circulation, and the amount of water in the appliance. For severely dry areas or during the first days of use, you may notice the water evaporates more quickly and/or a lower humidity level will be reached. The water level of the lower housing should be checked and topped off daily.

WHEN IS THE BEST TIME TO RUN THE VENTA AIRWASHER COMFORT ^{PLUS}?

Always! The Venta Airwasher COMFORT ^{PLUS} is designed to be a year-round, 24/7 product. Because we wanted it to run year-round, we made the Airwasher's power consumption as minimal as possible. For the best results, your Airwasher should never be turned off or stored for long periods of time.

WHERE IS THE BEST PLACE FOR THE VENTA AIRWASHER COMFORT ^{PLUS}?

If possible, the Venta Airwasher COMFORT ^{PLUS} should be placed in the center of the room, or along a wall away from windows and a heat source. When using your Venta Airwasher COMFORT ^{PLUS} for multiple rooms (larger model Venta Airwashers) it should be placed centrally between rooms. Allow 18-20 inches above and on either side of the Venta Airwasher to allow air circulation.

WILL OPENING OUTSIDE DOORS AND WINDOWS AFFECT THE EFFICIENCY OF THE VENTA AIRWASHER COMFORT ^{PLUS}?

The appliance works best in closed rooms to maintain a consistent level of humidity. Just as windows and doors are closed when air conditioning is running, doors between rooms may be left open to allow for air circulation.

IS IT NECESSARY TO USE THE VENTA WATER TREATMENT ADDITIVE?

The WTA helps prevent mineral deposits from becoming too difficult to remove so that any sediment can be rinsed out. In addition, the WTA helps improve the efficiency of the Venta Airwasher COMFORT *Plus* by allowing the water to sheet on the disc stack(s) instead of “beading” up, allowing maximum use of every square inch of the disc stack(s). The WTA also helps prevent odors and improves the performance of the Venta Airwasher COMFORT *Plus*. Not suitable for 6 Series Airwasher and Purifier models with Hygiene Disc.

WHAT HAPPENS IF THE WATER EVAPORATES AND THE APPLIANCE CONTINUES TO RUN?

First and foremost, the Venta Airwasher COMFORT *Plus* is only humidifying and purifying when water is in the appliance. However, the WTA holds dirt and dust particles down on the bottom of the lower housing. The LW25/45 COMFORT *Plus* will shut off automatically as soon as there is insufficient water in the lower housing.

SHOULD MORE WATER TREATMENT ADDITIVE BE ADDED WHEN THE APPLIANCE HAS RUN DRY?

No, because the ingredients of the WTA do not evaporate. Simply add fresh water to reactivate the WTA. One dose will help keep the Venta Airwasher COMFORT *Plus* from scaling up with mineral deposits for 14 days.

WHAT HAPPENS WHEN THE VENTA AIRWASHER COMFORT *PLUS* HAS NOT BEEN RUN FOR AN EXTENDED PERIOD OF TIME?

Simply give the appliance a general cleaning with the Venta Cleaner before using it again. Tip: Use of the Venta Cleaner is recommended before storing the appliance for an extended period of time to remove any mineral deposits that can harden over time. Or take advantage of Venta Air Technologies' Ultra-sonic Cleaning service. Call us toll-free at 888-333-8218 for details.

MY VENTA AIRWASHER COMFORT *PLUS* APPEARS TO NOT BE HUMIDIFYING MY ROOM AS DESIRED

Our goal is to achieve 100% customer satisfaction. Initial product performance is largely based on room size and the overall humidity level of the contents of the room. Dry furnishings (textiles, leather, wood, books, etc.) will require a longer period of time to absorb moisture until their humidity level is increased to a satisfactory level. Therefore, we highly recommend that you take this into consideration when evaluating the performance of your product. Dry rooms can take up to one week of continuous humidification to achieve an optimal humidity level. It's important that you are adding water to your unit regularly. In the event that you are dissatisfied with the performance of your product, please call us.

**Did we not answer your question? Contact us at
www.venta-usa.com/contact or call toll-free 888-333-8218.
You can also contact us by email: info@venta-usa.com**

Servicing Your Airwasher

CLEANING THE GEAR

DO NOT submerge the gear in water. To clean any buildup of calcium or lime from the gear “teeth,” brush with a soft bristled brush. The gear teeth should be pointed toward the floor while brushing, otherwise deposits will fall into the gear and cause it to malfunction.

REMOVAL OF THE GEAR AND COUPLING

1. Switch the unit off.
2. Unplug the power cord from the outlet.
3. Remove the motor from the upper housing.
4. Remove the coupling from the gear by pushing the coupling down toward the fan and away from the gear
5. Pivot turn the gear 90 degrees, so that it is laying on its side.
6. Gently pull one of the two motor assembly arms approximately 1/8 of an inch away from the gear and remove the gear from the motor assembly.
7. Remove the locking ring from the center shaft of the fan by prying it up using a small screwdriver.



Fig 4. ... Push the coupling down ...

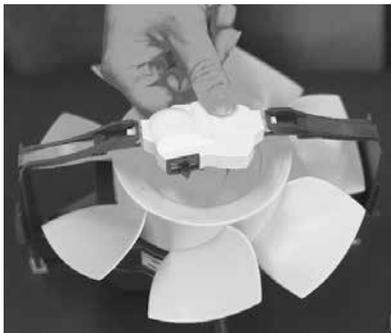


Fig 5. ... turn the gear 90 degrees ...

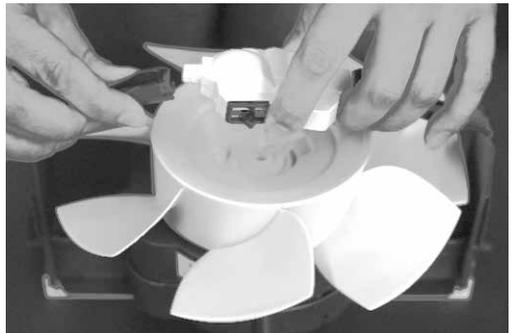


Fig 6. ... gently pull one of the motor assembly arm 1/8 inch ...

Fig 7. Remove the locking ring ... prying it up using a small screwdriver ...



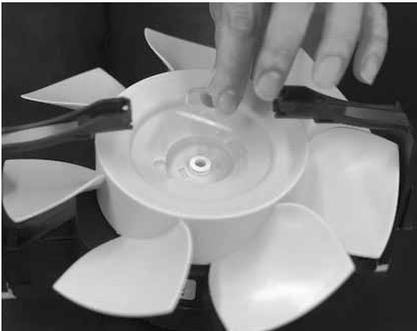
REPLACING THE GEAR AND COUPLING

A. Place the rubber coupling into the locking ring so the rubber feet from the coupling hang below the ring. When placing the coupling and ring on the center shaft of the fan, the rubber feet should line up with the notch marks on the fan. Snap the ring and coupling into place.

B. With the gear laying on its side, place it between the motor housing arms that suspend it above the fan.

C. While placing the palms of your hands against the motor assembly arms, apply slight pressure, and pivot the gear to the upright position. Check that the locking knob is properly seated in the support arm.

D. Insert the rubber coupling into the bottom of the gear and push it up into the gear until it fits tight. On models with a small white pin, first insert the pin through the rubber coupling and then push both up into the gear until it fits tight. Check that this is properly seated by spinning the fan with your hand. The teeth in the gear should slowly move in and out.



A.... Place the rubber coupling into the locking ring ...



B.... place it between the motor housing arms...

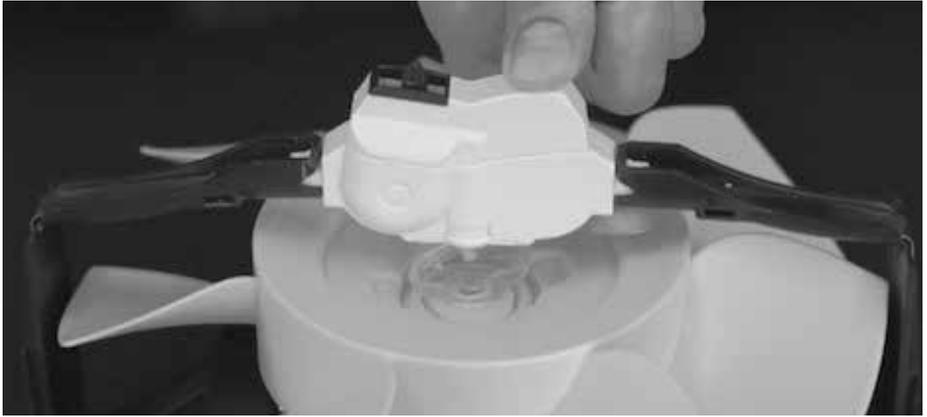


Fig D. ... and push it up into the gear until it fits tight ... models with a small white pin, first insert the pin through the rubber coupling and then push both up into the gear until it fits.

Additional Service Options

If you prefer Venta to handle your concern, warranty repair, or if you wish to utilize the Ultrasonic Cleaning service for your Venta Airwasher, please call our customer service department toll-free at 888-333-8218 to obtain a Return Merchandise Authorization (RMA) number.

For products purchased in the United States, carefully package the product in its original packaging and send it by UPS, FedEx, or USPS with shipping and insurance prepaid to:

Venta Air Technologies Inc., 1005 N Commons Dr, Aurora, IL 60504

Ultrasonic Cleaning

- This optional service removes the buildup of dirt, lime, and calcium that may have accrued over time. We will replace the gear box and rubber coupling. The result is a clean, sanitized Venta Airwasher that will continue to humidify and cleanse your air. This is an all-inclusive service offered by Venta, as the cost of roundtrip shipping and the cleaning of your Airwasher unit is already factored into the price.
- Using adequate packing material, pack the unit inside a suitable shipping box.
- We will email you a prepaid mailing label. You can then print out the label on your home printer or we can mail you a prepaid label using UPS.
- Drop the package off at any licensed UPS facility or you can have your shipment picked up from your home or office by scheduling your pickup online at [ups.com](https://www.ups.com) or by calling 1-800-PICK-UPS(1-800-742-5877).

Two-Year Limited Warranty

CALL VENTA CUSTOMER SERVICE TO TROUBLESHOOT ANY ISSUES, BEFORE ATTEMPTING TO RETURN PRODUCT TO RETAILER.

If you have any questions regarding this warranty, please call 888-333-8218 or write to:

Venta Air Technologies Inc.
US Headquarters
1005 N Commons Dr
Aurora, IL 60504

For product registration please return the enclosed Warranty Card or submit online at www.venta-usa.com/product-warranty.

Venta warrants that for a period of 2 years from the date of purchase, this product will be free from defects in material and workmanship. Venta, at its option will repair or replace this product or any mechanical parts of the product to be defective during the warranty period. Replacement will be made with a new or remanufactured product or component. If the product is no longer available, replacement may be made with a similar product of equal or greater value. This is your exclusive warranty. This warranty is valid for the original retail purchaser from the date of initial retail purchase and is not transferable.

Your registration card must be completed and returned to activate your warranty. Also keep the original sales receipt, as proof of purchase is required to obtain warranty.

This warranty does not cover normal wear of parts or damage resulting from any of the following: Negligent use or misuse of the product, use on improper voltage or current, use contrary to the operating instructions, disassembly, repair, or alteration by anyone other than Venta Air Technologies Inc. Further, the warranty does not cover Acts of God, such as fire, flood, hurricanes, or tornadoes.

Venta shall not be liable for any incidental or consequential damages caused by the breach of any express or implied warranty. Except to the extent prohibited by applicable law, any implied warranty of merchantability, or fitness for a particular purpose is limited in duration to the duration of the above warranty. Some states, provinces, or 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 may also have other rights that vary from state to state.

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