

# PowerPure<sup>®</sup> AERUS 5000



## Ultrasonic Humidifier Owner's Manual

PLEASE READ AND SAVE ALL OF THESE INSTRUCTIONS


# TABLE OF CONTENTS

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Important Safety Instructions .....	3
Relative Humidity & Humidity Level .....	4
Technical Data .....	4
Features of the Humidifier .....	5
Filling the Water Reservoir .....	6
Operation .....	7
Trouble Shooting .....	8
Maintenance/Cleaning .....	9
Warranty .....	10-11

Thank you for purchasing your new PowerPure 5000 Ultrasonic Humidifier.

This humidifier will help you to restore and maintain an appropriate level of humidity in your home and eliminate the discomfort associated with dry air. We wish you many years of healthy indoor air with this high-quality appliance. Please read this instruction manual to fully understand all of the operational features and safety instructions for the PowerPure 5000 Ultrasonic Humidifier.

	<b>CORRECT DISPOSAL OF THIS PRODUCT</b>
	This marking indicates that this product should not be disposed with other household wastes. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources.

## SAFETY WARNINGS

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Your safety and the safe operation of this humidifier are very important to us. All safety and operating instructions should be read, adhered to and followed before the unit is operated. Incorrect operation may cause harm or damage.

**WARNING:** only use the PowerPure 5000 Ultrasonic Humidifier indoors. Improper use can be hazardous for your health and can lead to injury.

### IMPORTANT SAFETY INSTRUCTIONS

- To prevent damage, remove all packaging from the humidifier prior to starting the unit.
- Only operate the humidifier when it is fully assembled.
- Connect the humidifier's power cord into a 120 VAC power source only.
- Always supervise children when they are around the humidifier; never let them operate the unit.
- Never use the humidifier if there is damage to the appliance or to the power cord.
- Repairs of the humidifier to be made by authorized service personnel only.
- Place the humidifier on a dry, elevated and level surface where it cannot be knocked over.
- Do not place the humidifier directly on the floor.
- Do not clean the humidifier with detergents or chemical solutions.
- Always unplug the humidifier prior to removing, filling or emptying the water reservoir and before cleaning and maintenance of the humidifier.
- Never insert foreign objects into the air inlet or exhaust outlets on the humidifier, as this can cause electric shock or damage to the humidifier.
- Do not scrape the transducer or clean it with detergents or chemical solutions.
- Do not submerge the main body of the humidifier in water or any other liquid.
- Do not use the humidifier in an environment where there are combustible gases or vapors.
- Do not use the humidifier near water, in a bathroom or in a damp location.
- Do not touch the water in the base of the humidifier while it is operating.
- Do not pour water into the mist outlet on the top of the humidifier.
- Never pull the power cord from the wall outlet, by the cable or with wet hands.
- Always unplug the humidifier when it is not in use.
- Use in the direct sunlight should be avoided.
- Only use clean, cold water in the humidifier.
- Store the humidifier in a dry, cool place away from high temperatures.

## RELATIVE HUMIDITY & HUMIDITY LEVEL

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Relative humidity is the amount of water vapor that is present in the air. It is shown as a percentage of the water vapor in the air in relation to the total amount of water vapor that the air can contain at a specific temperature. Air always contains water vapor, but the percentage of water vapor in the air can vary. The higher the temperature, the more water vapor can be held in the air. When cold air is heated to a comfortable temperature in the winter, the relative humidity will drop. In order to keep a comfortable environment at home, water vapor must be added into the air. For a comfortable and healthy environment, we recommend maintaining a 40% - 50% relative humidity level. The humidifier will control the humidity level in your home based on your desired settings.

## TECHNICAL DATA

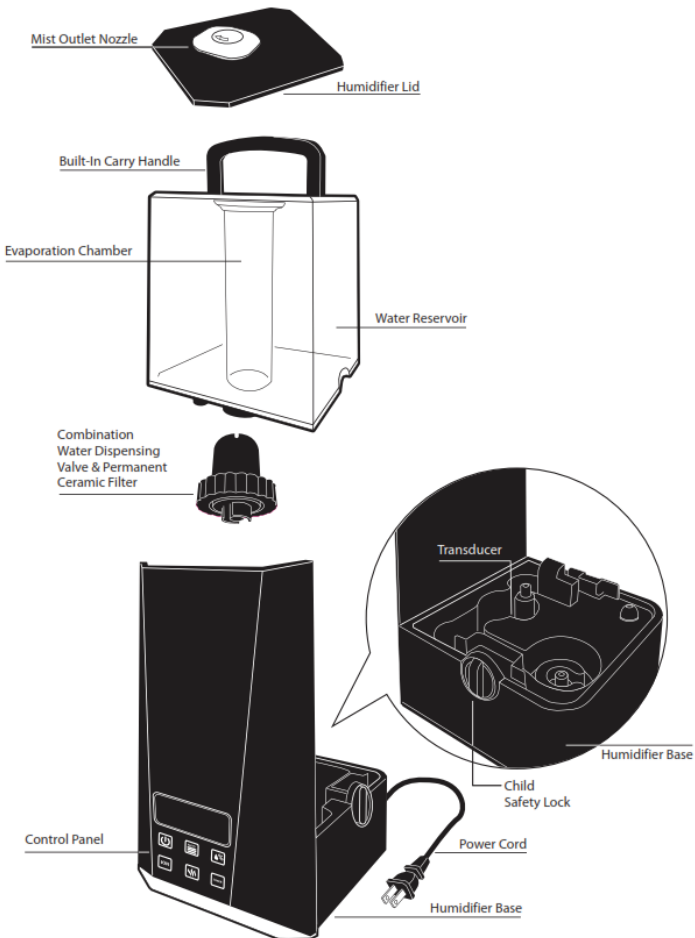
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- Model: PowerPure 5000
- Power supply: 120V, 60Hz
- Warm power consumption: 80 watts
- Cool power consumption: 30 watts
- Water tank capacity: 1.32 gallons / 4.99 L
- Evaporation Rate:  $\leq 0.79$  gallons/Hour ( $\leq 2.99$  L/Hour)
- Noise level:  $\leq 35$ dB(A)
- Dimensions: 9.84"W x 11.41"D x 15.55"H / 24.99cm x 29.06cm x 39.5cm

# FEATURES OF THE HUMIDIFIER

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1. Cool and warm mist humidification
2. 360-degree nozzle for directing mist
3. LED screen with a digital humidity display
4. Auto shut off when the water level is too low
5. Easy-to-use touch panel controls
6. Included remote control
7. Automatic humidity control maintains your desired humidity level
8. Negative Ion Function: designed to ensure cleaner and healthier mist
9. Water filter: the iron resin filter system softens, removes minerals and freshens the water in the tank
10. Mist level adjustment: High, Medium and Low
11. Timer settings: 12 hour setting



## FILLING THE WATER RESERVOIR

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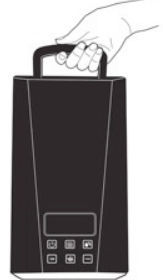
The PowerPure 5000 Ultrasonic Humidifier is designed for easy and safe filling of the water reservoir. The child safety lock on the right-hand side of the PowerPure 5000's water reservoir ensures it is held securely to the base of the humidifier. The removable lid hides the built-in carrying handle that makes it comfortable and safe to transport the water reservoir when it is full.

1. While firmly holding on to the mist nozzle on the top of the lid, gently remove the lid in an upward direction from the humidifier base. Place the lid to the side.
2. Lift the hidden, built-in carry handle into the upright position for easy transport.
3. Unlock the child safety lock on the right-hand side of the water reservoir by turning the locking mechanism counterclockwise 1/4 turn from 3:00 to 12:00.
4. To remove the water reservoir, gently lift the water reservoir in an upward direction from the humidifier base via the built-in carrying handle. Carry the water reservoir to your sink.
5. Once at the sink, turn the water reservoir upside down and unscrew the cap with the combination water dispensing valve and permanent ceramic filter. Fill the water reservoir completely with cold water, then reattach and tighten the cap and valve assembly.
6. Carry the water reservoir back to the humidifier base via the built-in carrying handle. Place the water reservoir back on the humidifier base and lock the child safety lock by turning the locking mechanism clockwise 1/4 turn from 12:00 to 3:00. Firmly place the lid back on top of the humidifier.

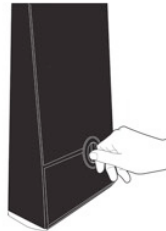
### STEP ONE



### STEP TWO



### STEP THREE



### STEP FOUR



### STEP FIVE



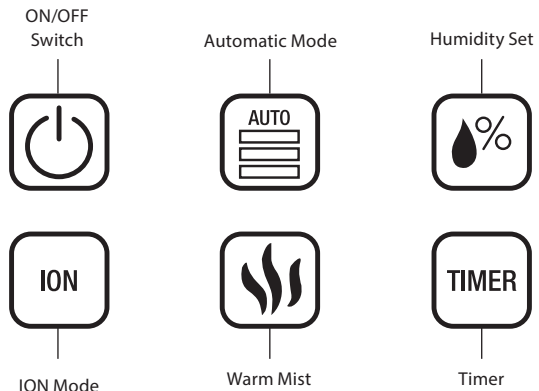
## OPERATION

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- **To turn on the humidifier:** press the upper left-hand power button.
- **To turn off the humidifier:** press the upper left-hand power button. The ambient relative humidity and temperature will display on the screen alternating every 30 seconds as long as the unit is plugged in.
- **To increase the humidity setting:** repeatedly press the upper right-hand drop-% button to increase to your desired setting. Each press of the button increases the humidity setting by 5% increments. The humidifier's humidity level can be set from 40% to 75%.
- **To engage AUTO Mode:** repeatedly press the upper right-hand Humidity Set -% button until "Co" is displayed on the screen. Press the AUTO button to increase or decrease the mist level of the humidifier from level one to level four, or AUTO mode. The humidity level is set at continuous.
- **To disengage AUTO Mode:** repeatedly press the Humidity Set -% button to turn off auto mode and choose your desired humidity level which is mist level three.
- **To turn on the ION feature:** press the ION button on the humidifier. An ION icon will appear on the screen confirming that the humidifier is now creating negative ions. The feature is designed to ensure a fresh and healthier mist.
- **To turn on cool mist:** the humidifier generates cool mist by default at start-up. If you are currently running the humidifier in warm mist mode, press the middle button on the lower row of the control panel to turn off the warm mist mode. The humidifier will begin to emit cool mist.
- **To turn on warm mist:** press the middle button on the lower row of the control panel. A warm mist icon will appear on the screen confirming that the humidifier is now operating in warm mist mode. The humidifier will begin to operate with warm mist in approximately 10 minutes.

- **To activate TIMER mode:** press the lower right TIMER button. There are 12 timer settings in one hour increments. Each time the TIMER button is pressed, it increases from one hour to 12 hours and then OFF.

**NOTE:** the remote control operations are the same as the buttons on the unit.



## TROUBLE SHOOTING

Check the following before requesting maintenance:

TROUBLE	POSSIBLE REASONS	SHOOTING WAY
Power lamp is off/does not work	Power cord is not plugged in	Plug in the power cord and switch the humidifier on
Power lamp is on, no mist output	No water in the water reservoir	Fill the water reservoir
	Security switch is too loose	Tighten the security switch
Abnormal smell	New unit	Remove the water from the reservoir, open the lid and air out the reservoir for 12 hours in a cool location
	Water is dirty	Clean the water reservoir and re-fill it with cool, clean water
Power lamp is on, but the humidifier does not work	Too much water is in the water reservoir	Drain the humidifier base and water reservoir, close the lid of the water reservoir tight and restart the unit
Mist is minimal	Too much scale in the humidifier base	Clean the transducer
	Water level in the water reservoir is low	Fill the water reservoir with fresh, cold tap water
Abnormal noise	Unit is on an unstable surface	Move the unit to a stable and flat surface for operation
	There are apertures between the nozzle, lid and water tank	Dip the nozzle in water and then reinsert it into the water reservoir
Mist is coming out from around the nozzle or lid	Lid is loose	Remove the lid and firmly reposition on the top of the humidifier

For assistance with operation or warranty repair, please call 1-888-764-0693 to speak with a customer service agent.



## MAINTENANCE/CLEANING

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**CAUTION:** Avoid the risk of electric shock and possible damage to the humidifier.

- ALWAYS unplug the humidifier before removing the water reservoir. Do not touch the water in the base during operation.
- Clean the water reservoir and base regularly with water only – never use detergents.
- Remove the water from the water reservoir, clean all components of the humidifier and thoroughly dry the humidifier before storing for a prolonged period of time.
- In the instance that you have hard water, meaning that the water is rich with calcium and magnesium, a white powder problem can develop within the humidifier. This can lead to heavy scaling on the surface of the water basin, transducer and the inner surface of the water reservoir. Scale on the surface of the transducer will prevent your humidifier from working properly. To maintain proper functions, we recommend the following:
  - Discontinue use of your tap water.
  - Use distilled water.
  - Clean the transducer, water reservoir and the basin unit regularly.
  - Replace the water in the water reservoir regularly to ensure freshness.

### **Cleaning:**

- Never submerge the main body of the humidifier in water.
- Clean and activate the ceramic balls every 30-45 days depending upon use.
- Remove the ceramic ball filter from the water reservoir cover.
- Soak the ceramic ball filter in white vinegar for 10 minutes.
- Remove the ceramic ball filter from the white vinegar and thoroughly rinse with cool, clean water before operating the humidifier.

### **Cleaning the transducer:**

- Put 5-10 drops of white vinegar on the surface of the transducer; wait 2-5 minutes.
- Gently remove any mineral scale from the surface of the transducer with a soft, damp cloth to wipe it clean.

### **Cleaning the basin unit:**

- Rinse the water basin with clean water and use a soft, damp cloth to remove build up. In the event of scaling, pour a small amount of white vinegar and warm water into the basin and let it soak for 5 minutes. Then use a soft, damp cloth to wipe the basin clean and rinse it with clean water.

# WARRANTY INFORMATION

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## LIMITED 1 YEAR WARRANTY

For warranty service, please contact Customer Service by calling 1-888-764-0693 or via email at support@aerusonline.com. Customer should not repackage and ship the PowerPure 5000 unit without prior authorization due to possibility of irreparable damage.

## WHAT IS COVERED BY THIS WARRANTY

We warrant the PowerPure 5000 to the Customer, subject to the conditions below, against defects in workmanship or material, provided that the products are returned to a service location within the following time period: one year of date of purchase.

## INSTALLATION AND MAINTENANCE REQUIREMENTS

This warranty is expressly conditioned upon proper installation, operation, cleaning and maintenance, all in accordance with the Owner's Manual. Failure to meet any of these requirements will void this warranty. Servicing of your PowerPure 5000 by parties other than our authorized representatives and/or using parts other than genuine parts will also void this warranty.

## HOW TO OBTAIN WARRANTY SERVICE

Customer must contact Customer Service and provide proof of purchase within the above time periods. We will repair or replace and return the product, without charge and within a reasonable period of time, subject to the conditions herein, if our examination shall disclose any part to be defective in workmanship or material. If we, in our discretion, are unable to repair the product after a reasonable number of attempts, we will provide either a refund of the purchase price or a replacement unit, at the company's option. We reserve the right to inspect and/or require confirmation of installation method.

## WHAT IS NOT COVERED BY THIS WARRANTY

Not for commercial use. Ordinary wear and tear shall not be considered a defect in workmanship or material. These warranties do not apply for loss or damage caused by accident, fire, abuse, misuse, improper installation, leaking, modification, misapplication, or by any repairs other than those provided by our authorized Service Center. This warranty is non-transferable and does not cover consumable items such as filters.

## UNAUTHORIZED CHANNELS

Warranties are voided if a product is purchased through unauthorized channels; this includes websites that are not authorized to use our trademarked names, images and logos as well as Internet auction sites (e.g. eBay and craigslist). To confirm warranty coverage prior to purchasing a product, contact Customer Service.

# WARRANTY INFORMATION

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## **EXCLUSION OF OTHER WARRANTIES & CONDITIONS**

EXCEPT AS PROVIDED HEREIN, WE MAKE NO REPRESENTATION OR WARRANTY OF ANY KIND. ALL OTHER WARRANTIES OF ANY KIND, EXPRESS OR IMPLIED, ARE HEREBY EXPRESSLY DISCLAIMED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

## **LIMITATION OF LIABILITY FOR SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES**

WE SHALL NOT IN ANY CASE BE LIABLE FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING FROM BREACH OF EXPRESSED OR IMPLIED WARRANTIES, CONDITIONS, GUARANTEES OR REPRESENTATIONS, BREACH OF CONTRACT, NEGLIGENCE OR ANY OTHER LEGAL THEORY. Such excluded damages include, but are not limited to, loss of profits or revenue, and loss of the use of the products, and any loss caused by leaks or other water damage.

## **FOR U.S. APPLICATION ONLY**

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Some states do not allow limitations on warranties, or on remedies for breach. In such states, the above limitations may not apply to you.

## **FOR CANADIAN APPLICATION ONLY**

Exclusion of Subsequent Owners: Except as otherwise required by applicable legislation, this warranty is not transferable. This warranty gives you specific legal rights and you may also have other rights which vary from province to province. Some provinces and territories do not allow limitations on warranties, or on remedies for breach. In such provinces or territories, the above limitations may not apply to you.

If any provision of this warranty or part thereof is held by a court of competent jurisdiction to be invalid, illegal, or unenforceable, the validity, legality and enforceability of the remaining provisions or parts thereof will not in any way be affected or impaired within the jurisdiction of that court. This entire warranty shall continue to be valid, legal and enforceable in any jurisdiction where a similar determination has not been made.

## **This warranty is provided by:**

Aerus LLC, 300 East Valley Drive, Bristol, VA 24201 (in US)

Aerus Canada, Inc., 3480 Laird Road, Suite 2-5, Mississauga, Ontario L5L 5Y4 (in CAN).

## **SERVICE**

Every effort is made to ensure customers receive an up-to-date instruction manual on the use of our products; however, from time to time, modifications to our products may without notice make the information contained herein subject to alteration. For the latest information, please visit our website.

This equipment has been tested and found to comply with the limits for Industrial, Scientific, and Medical Equipment (ISM), pursuant to Part 18 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.

Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the Distributor or an experienced radio/TV technician for help.

## FCC DECLARATION OF CONFORMITY

**Name:** Aerus LLC

**Model:** PowerPure 5000

**Manufacturer:** Aerus LLC

This device complies with Part 18 of the FCC Rules.

### RESPONSIBLE PARTY

Aerus LLC  
300 East Valley Drive  
Bristol, VA 24201

Ph: 888-764-0693

**Signature:** \_\_\_\_\_



**Printed Name:** Andrew Eide

**Title:** Vice President of Product  
Development and Manufacturing

**Date:** 01/16/2017

# PowerPure<sup>®</sup>5000

For information regarding the use of this product please contact Customer Service.

Email: [support@aerusonline.com](mailto:support@aerusonline.com)

Toll Free: 1-888-764-0693

Aerus LLC 300 East Valley Drive, Bristol, VA 24201  
Aerus Canada, Inc. 3480 Laird Road, Suite 2-5, Mississauga, Ontario L5L 5Y4

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