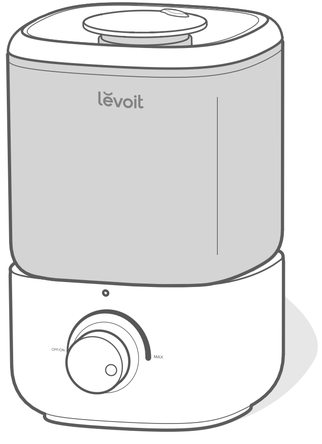
USER MANUAL

Levoit Classic 160 Ultrasonic Cool Mist Humidifier



Questions or Concerns?

Please contact us Mon–Fri, 9:00 am–5:00 pm PST/PDT
at **support@levoit.com** or at **1-888-726-8520**

READ AND SAVE THESE INSTRUCTIONS

SAFETY INFORMATION

To reduce the risk of fire, electric shock, or other injury, follow all instructions and safety guidelines.

General Safety

- **Only** use the humidifier as described in this manual.
- Place the humidifier and cord so that it will not be knocked over. **Do not** place near large pieces of furniture or in high-traffic areas.
- When not in use, turn the humidifier off and disconnect from power by removing the plug from the outlet.
- **Do not** use the humidifier in wet environments.
- Keep the humidifier out of reach from children.
- **Do not** open the base or remove the water level sensor for self-servicing.
- **Always** unplug your humidifier from the power outlet before cleaning your humidifier or detaching the water tank from the humidifier base.
- **Always** make sure to place the humidifier on a flat, level surface before operation.
- **Only** fill the water tank with clean water. **Never** fill the water tank with any other liquids.
- **Do not** place the humidifier near sources of heat, such as stovetops, ovens, or radiators.
- **Do not** place the humidifier directly on floors, carpets, or rugs.
- **Do not** use other items as replacement parts for this product.
- **Do not** cover the nozzle while the humidifier is on. Doing so may damage the humidifier.
- Remove the water tank from the base before moving the humidifier.
- **Do not** immerse the humidifier base, power cord, or plug in water. If the humidifier is damaged or is not functioning properly, stop using it and contact **Customer Support** immediately (see page 2).
- This humidifier is not to be used by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Supervise children when they are near the humidifier.
- Children should not clean or perform maintenance on the humidifier without supervision.
- Children should be supervised to ensure that they do not play with the humidifier.
- Not for commercial use. Household use **only**.

Caution: Risk of Leaks and Electric Shock

- **Do not** add supplemental water treatment liquids into the water tank or base chamber. This will damage the humidifier and cause leaks.

Power & Cord

- Ensure that the plug fits properly into a polarized socket.
- **Do not** handle the power cord or plug with wet hands. Keep the plug and power cord away from liquids.
- Your humidifier has a polarized plug (one prong is wider than the other), which fits into a polarized outlet only one way. This is a safety feature to reduce the risk of electric shock. If the plug does not fit, reverse the plug. If it still does not fit, **do not** use the plug in that outlet. **Do not** bypass this safety feature.
- If the power supply cord is damaged, it must be replaced by Arovast Corporation or similarly qualified persons in order to avoid an electric or fire hazard. Please contact **Customer Support** (page 2).

Electromagnetic Fields (EMF)

This humidifier complies with all standards regarding electromagnetic fields (EMF). If handled properly and according to the instructions in this user manual, the appliance is safe to use based on scientific evidence available today.

CUSTOMER SUPPORT

If you have any questions or concerns about your new product, please contact our helpful Customer Support Team.

Arovast Corporation
1202 N. Miller St., Suite A
Anaheim, CA 92806, USA

Email: support@levoit.com
Toll-Free: 1-888-726-8520

Package Contents

1 × Ultrasonic Cool Mist Humidifier
1 × Pre-Installed Water Filter Sponge
1 × Cleaning Brush
2 × User Manual

Specifications

Model	LUH-A251-WCA
Power Supply	AC 120V, 60Hz
Rated Power	17W
Water Tank Capacity	0.66 gal / 2.5 L
Max Runtime	Up to 25 hours on minimum mist setting ***Note:*** *The humidifier may run for a longer or shorter time depending on the environmental temperature and humidity.*
Noise Level	< 28dB
Effective Range	219 ft² / 20 m²
Dimensions	7.1 × 6.4 × 10.2 in / 18.1 × 16.2 × 25.8 cm
Weight	2.16 lb / 0.98 kg

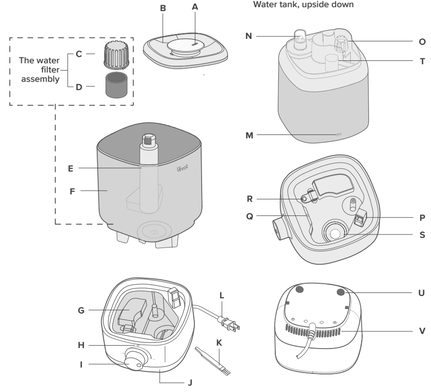
Support Hours

Mon–Fri, 9:00 am–5:00 pm PST/PDT

*Please have your order invoice and order ID ready before contacting Customer Support.

GETTING TO KNOW YOUR HUMIDIFIER

A. Nozzle
B. Water Tank Cover
C. Water Filter Housing
D. Water Filter
E. Mist Tube
F. Water Tank
G. Float
H. Refill Indicator Light
I. Control Knob
J. Base
K. Cleaning Brush
L. Power Cord
M. Max Water Line (Tank)
N. Water Outlet Valve
O. Noise Silencer
P. Air Outlet
Q. Max Water Line (Base)
R. Float Brackets
S. Transducer
T. Secondary Float
U. Feet
V. Air Inlet



CONTROLS

Control Knob

- Rotate clockwise to turn on the humidifier and to adjust the mist level.
- Rotate counterclockwise to turn off the humidifier.

Note: *There is a clicking sound when the humidifier turns on/off.*

Refill Indicator Light

- The red light turns on when the water tank is empty. Refill the water tank (see page 5).
- **The red light turns off when the water tank is filled.**

GETTING STARTED

1. Remove all packaging.
2. Rinse and reassemble all parts before first use (see **Cleaning**, page 6).
3. Choose a hard, flat location for the humidifier at least 12 inches / 30 cm away from any walls.

Note:

- *Check to make sure that the water filter is correctly in place. If not, then rotate the filter clockwise to secure it in place. [Figure 1.1]*



Figure 1.1

- *Check to make sure that the float is securely in place. [Figure 1.2]*

The surface must be water-resistant. *[Figure 1.3]*

4. Mist should be directed away from walls,



Figure 1.2

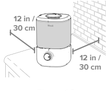


Figure 1.3

furniture, bedding, and appliances. *[Figure 1.4]*



Figure 1.4

Filling & Refilling

Note: *Make sure the water tank is clean before filling.*

1. Turn the humidifier off.
2. Remove the water tank cover by holding the nozzle and pulling upward. *[Figure 1.5]*
3. Fill the tank with room-temperature water. *[Figure 1.6]*

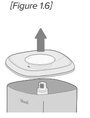


Figure 1.5



Figure 1.6

Note:

- *We recommend using purified or distilled water to fill the tank.*
- ***Do not*** *fill past the tank's max water line.*
- ***Do not*** *fill with hot water.*

CAUTION

- **Never add essential oils** into the water tank or base chamber.
- **Do not** add water directly into the base chamber. *[Figure 1.7]*
- **Do not** add water through the mist tube. *[Figure 1.8]*



Figure 1.7



Figure 1.8

4. Replace the water tank cover.

Note: *Make sure the nozzle on the water tank cover is placed over the mist tube, or the humidifier may not work correctly. [Figure 1.9]*



Figure 1.9

USING YOUR HUMIDIFIER

1. Plug in the humidifier. Rotate the Control Knob clockwise to turn the humidifier on. Adjust the knob to your desired mist level. *[Figure 2.1]*
2. Rotate the nozzle to adjust the direction of the mist. *[Figure 2.2]*
3. When your room has reached your preferred humidity level, turn the humidifier to a lower setting, or turn it off.
4. Rotate the Control Knob counterclockwise to turn the humidifier off.

Note: *If there is no water in the tank or the tank is removed, the humidifier will stop misting and the Refill Indicator Light will turn on. Refill the tank and properly place it on the base to use your humidifier.*

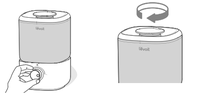


Figure 2.1

Figure 2.2

Important Tips

Your humidifier must have the correct level of water in the base chamber to work properly. If there is too much water in the base chamber, the humidifier cannot create mist.

- **Never** pour water directly into the base chamber. *[Figure 2.3]*
- **Only** add water to the water tank. The humidifier will automatically release the correct amount of water into the base chamber.
- Avoid moving or shaking the humidifier. *[Figure 2.4]* This may cause the water tank to release too much water into the base chamber.
- Before moving the humidifier, turn it off, unplug it, and remove the water tank.
- If your humidifier doesn't produce mist correctly, check the max water line to see if there is too much water in the base chamber. Pour out extra water if water is over the max line. *[Figure 2.5]*

Note: *The max water line is* **only** *for this purpose.* **Do not pour water into the base chamber.**



Figure 2.3



Figure 2.4



Figure 2.5

CARE & MAINTENANCE

Note:

- *All maintenance should be done on a water-resistant surface, such as a kitchen counter.*
- *Change the water daily to avoid bacteria growth.*
- *Use a tissue or cloth to clean the nozzle regularly.*
- *If not using the humidifier for 3 days or longer,* ***do not*** *leave water inside. Clean and dry the humidifier instead.*

Cleaning

You should clean your humidifier every 3 days, and when you're ready to store it.

Note:

- *The water tank, cover, water filter and housing, mist tube, and float are dishwasher safe. Make sure the water temperature is below 158°F / 70°C.*
- ***Do not*** *wash the base in the dishwasher, as the electronics will be damaged.*
- ***Never*** *immerse the base in water or liquid.*
- ***Do not*** *immerse the air outlet or air inlet in water.*

1. Unplug the humidifier.
2. Remove the water tank cover.
3. Remove the water tank from the base and pour out any water from the tank and base chamber. *[Figure 3.1]*

Note: *When pouring out water, hold down the float to ensure that it does not fall out of the base chamber.*



Figure 3.1

4. Remove the water filter and its housing from the tank by rotating counterclockwise and lifting out. *[Figure 3.2]*
5. Remove the float from the base chamber by pulling up one end of the float and pulling the shaft out from the float brackets. One side of the float brackets is open (U-shaped) to allow the shaft to be removed.
6. Wash the tank, tank cover, water filter and housing, mist tube, and float with water and a mild detergent. *[Figure 3.3]*
   a. Optionally, you can wash these parts in a dishwasher. **Do not** wash the base in the dishwasher.
7. Rinse the base chamber with room temperature water.

Note: ***Do not*** *immerse the air outlet or air inlet in water.*

8. Dry all parts and reassemble (see **Reassembling**, page 7).



Figure 3.2



Figure 3.3

For detailed dishwasher cleaning instructions, contact **Customer Support** (see page 2).

Descaling Your Humidifier

1. Remove the water filter from the tank by rotating it counterclockwise and lifting it out. *[Figure 3.4]*
2. Fill the tank with 3 US cups / 710 mL of distilled white vinegar. *[Figure 3.5]*



Figure 3.4



Figure 3.5

3. Replace the tank cover and swish the vinegar around the tank. *[Figure 3.6]*
4. Place the tank on the base and soak for 15–20 minutes. Vinegar will drain into the base chamber and loosen scale (mineral buildup) in the tank and in the base chamber (including the transducer and float). *[Figure 3.7]*



Figure 3.6



Figure 3.7

5. Remove the tank, remove the tank cover, and pour out any vinegar. *[Figure 3.8]*
6. Flip the tank over and remove the noise silencer. To remove the noise silencer, press the release tabs and gently pull away from the humidifier. *[Figure 3.9]*



Figure 3.8



Figure 3.9

7. Remove the float from the base chamber by pulling up one end of the float *[Figure 3.10]* and pulling the shaft out from the float brackets. One side of the float brackets is open (U-shaped) to allow the shaft to be removed. *[Figure 3.11]*



Figure 3.10



Figure 3.11

Descaling Your Humidifier (cont.)

8. Place the float, water filter assembly, and noise silencer in a small container. Fill with enough vinegar to cover them. Soak for 15–20 minutes. *[Figure 3.12]*



Figure 3.12



Figure 3.13

9. Use the cleaning brush and a soft cloth to remove scale from all parts.
10. Rinse all parts until any vinegar smell is completely gone. *[Figure 3.13]*
11. Dry all parts with a cloth. Make sure all parts are completely dry before reassembling or storing.

Reassembling

1. Flip the water tank over and place the noise silencer back into the tank. *[Figure 3.14]*
2. Place the water filter assembly back into the tank and rotate it clockwise to secure it in place. *[Figure 3.15]*



Figure 3.14



Figure 3.15

Problem	Possible Solution
Little or no mist comes out.	Turn the mist level to a higher setting.
	Fill the water tank.
	There may be too much water in the base chamber. Empty the base chamber. Refill the water tank (not the base chamber) and place the water tank properly onto the base.
	Make sure the air inlet on the bottom of the base is not blocked. The humidifier should not be set on carpet or other surfaces that may block the air inlet.
	Make sure the nozzle is not blocked or clogged.
	Make sure the humidifier is on a level surface.
	The water temperature may be too low. Turn the mist level to the highest setting and let the humidifier run for a while, then adjust to the desired setting.
	If the water tank or base was washed with detergent, rinse thoroughly with clean water to remove any detergent.
	Clean the water filter assembly (see page 6) or replace it with a new one (see page 7).

3. Place the float back into the base chamber:
   a. Make sure the correct side of the float is facing up. *[Figure 3.16]*
   b. Insert the smaller prong into the closed side of the float brackets. *[Figure 3.17]*
   c. Place the larger prong into the open (U-shaped) side of the float brackets.
4. Refill the tank, if necessary.
5. Place the tank properly on the base and place the tank cover on the water tank.



Figure 3.16



Figure 3.17

Storing

Follow the cleaning instructions (see page 6) and allow all parts to dry completely before storing. Store in a cool, dry location.

The Water Filter Assembly

The water filter prevents large particles from clogging the water outlet valve and entering the base chamber. Large particles in the water can cause leakage and polluted mist. We recommend that you clean or replace the water filter sponge regularly.

If the filter assembly is damaged or water cannot flow into the base chamber, the filter or filter assembly needs to be replaced. For more information, contact **Customer Support** (see page 2).

Problem	Possible Solution
Humidifier doesn't turn on, or turns off unexpectedly.	Plug the humidifier into a working outlet and turn it on.
	Add purified or distilled water to the water tank.
Humidifier produces an unusual smell.	If the humidifier is new, unplug and rinse all parts, then place in a cool, dry place for 12 hours.
	Clean the water tank and base chamber (see **Care & Maintenance**, page 5).
Humidifier makes a loud or unusual noise.	Make sure the water tank is properly in place (see **Getting Started**, page 4).
	Set mist level to a lower setting.
	Empty the base chamber. Refill the water tank (not the base chamber) and place the water tank properly onto the base.
	The humidifier may be malfunctioning. Stop using the humidifier and contact **Customer Support** (see page 2).
White scale (mineral buildup) appears around the humidifier.	We recommend using purified or distilled water to fill the humidifier. Avoid using water with high mineral content.
	Clean the humidifier (see **Care & Maintenance**, page 5).
Water leaks from the humidifier.	Make sure the silicone sealing ring around the water outlet valve is secure.
	Avoid running the humidifier in a room with high relative humidity.
	Wipe any excess water off the top and bottom of the base.
	Do not shake the humidifier.
	Make sure to place the humidifier on a flat, level surface.
	Check the water tank for leaks. If there are leaks, contact **Customer Support** (see page2).
Condensation forms around humidifier or windows.	Humidity may be too high. Turn down the mist level, turn off the humidifier, or open a door or window in the room.
Mold grows inside the humidifier.	Clean the water tank and base chamber regularly (see **Care & Maintenance**, page 5).
Refill Indicator Light turns on.	Fill the water tank.
	Place the water tank properly on the base.
	Clean the water filter (see page 5) or replace it with a new one. To request a new water filter, contact **Customer Support** (see page 2).

CAN ICES-001 (B) / NMB-001 (B)

WARRANTY INFORMATION

Product	Classic 160 Ultrasonic Cool Mist Humidifier
Model	LUH-A251-WCA
For your own reference, we strongly recommend that you record your order ID and date of purchase.	
Date of Purchase	
Order ID	

Levoit Limited Product Warranty

Register your products at https://warranty.levoit.com/warranty to stay up to date with important product information such as product updates, limited warranties, usage and maintenance recommendations, and notifications concerning safety warnings or product recalls. Registration is not required to claim your limited warranty.

Two (2) Year Limited Consumer Product Warranty

Arovast Corporation ("Arovast") warrants that the product shall be free from defects in material and workmanship for a period of **2 years from the date of original purchase** ("Limited Warranty Period"), provided the product was used in accordance with its use and care instructions (e.g., in the intended environment and under normal circumstances).

Your Limited Warranty Benefits

During the Limited Warranty Period and subject to this limited Warranty Policy, Arovast will, in its sole and exclusive discretion, either (i) refund the purchase price if the purchase was made directly from the online Levoit store, (ii) repair any defects in material or workmanship, (iii) replace the product with another product of equal or greater value, or (iv) provide store credit in the amount of the purchase price.

Who is Covered?

This limited warranty extends only to the original consumer purchaser of the product and is not transferable to any subsequent owner of the product, regardless of whether the product transferred ownership during the specified term of the limited warranty. The original consumer purchaser must provide verification of the defect or malfunction and proof of the date of purchase to claim the Limited Warranty Benefits.

WARRANTY INFORMATION (cont.)

Be Aware of Unauthorized Dealers or Sellers

This limited warranty does not extend to products purchased from unauthorized dealers or sellers. Arovast's limited warranty only extends to products purchased from authorized dealers or sellers that are subject to Arovast's quality controls and have agreed to follow its quality controls. Please be aware, products purchased from an unauthorized website or dealer may be counterfeit, used, defective, or may not be designed for use in your country. You can protect yourself and your products by making sure you only purchase from Arovast or its authorized dealers.

If you have any questions about a specific seller, or if you think you may have purchased your product from an unauthorized seller, please contact our Customer Support Team via support@levoit.com.

What's Not Covered?

- Normal wear and tear, including parts that might wear out over time (e.g., batteries, filters, cleaning brush, essential oil pads, etc.).
- If the proof-of-purchase has been altered in any way or is made illegible.
- If the model number, serial number or production date code on the product has been altered, removed or made illegible.
- If the product has been modified from its original condition.
- If the product has not been used in accordance with directions and instructions in the user manual.
- Damages caused by connecting peripherals, additional equipment or accessories other than those recommended in the user manual.
- Damages or defects caused by accident, abuse, misuse, or improper or inadequate maintenance.
- Damages or defects caused by service or repair of the product performed by an unauthorized service provider or by anyone other than Arovast.
- Damages or defects occurring during commercial use, rental use, or any use for which the product is not intended.
- If the unit has been damaged, including but not limited to damage by animals, lightning, abnormal voltage, fire, natural disaster, transportation, dishwasher, or water (unless the user manual expressly states that the product is dishwasher-safe).
- Incidental and consequential damages.
- Damages or defects exceeding the cost of the product.

Claiming Your Limited Warranty Service in 5 Simple Steps:

1. Make sure your product is within the specified limited warranty period.
2. Make sure you have a copy of the invoice and order ID or proof-of-purchase.
3. Make sure you have your product. **DO NOT** dispose of your product before contacting us.
4. Contact our Customer Support Team via support@levoit.com.
5. Once our Customer Support Team has approved your request, please return the product with a copy of the invoice and order ID.

Sole and Exclusive Remedy

THE FOREGOING LIMITED WARRANTY CONSTITUTES AROVAST CORPORATION'S EXCLUSIVE LIABILITY, AND YOUR SOLE AND EXCLUSIVE REMEDY, FOR ANY BREACH OF ANY WARRANTY OR OTHER NONCONFORMITY OF THE PRODUCT COVERED BY THIS LIMITED PRODUCT WARRANTY STATEMENT. THIS LIMITED WARRANTY IS EXCLUSIVE, AND IN LIEU OF ALL OTHER WARRANTIES, NO EMPLOYEE OF AROVAST CORPORATION OR ANY OTHER PARTY IS AUTHORIZED TO MAKE ANY WARRANTY IN ADDITION TO THE LIMITED WARRANTY IN THIS LIMITED PRODUCT WARRANTY STATEMENT.

Disclaimer of Limited Warranties

TO THE FULLEST EXTENT PROVIDED BY APPLICABLE LAW, EXCEPT AS WARRANTED IN THIS LIMITED PRODUCT WARRANTY POLICY, AROVAST CORPORATION PROVIDES THE PRODUCTS YOU PURCHASE FROM AROVAST CORPORATION "AS IS" AND AROVAST CORPORATION HEREBY DISCLAIMS ALL WARRANTIES OF ANY KIND, WHETHER EXPRESS OR IMPLIED, STATUTORY, OR OTHERWISE, INCLUDING BUT NOT LIMITED TO ANY WARRANTIES OF MERCHANTABILITY, NON-INFRINGEMENT, AND FITNESS FOR PARTICULAR PURPOSE.

Limitations of Liability

TO THE FULLEST EXTENT PROVIDED BY APPLICABLE LAW, IN NO EVENT WILL AROVAST CORPORATION, ITS AFFILIATES, OR THEIR LICENSORS, SERVICE PROVIDERS, EMPLOYEES, AGENTS, OFFICERS, OR DIRECTORS BE LIABLE FOR:

(a) DAMAGES OF ANY KIND ARISING OUT OF OR IN CONNECTION WITH PRODUCTS PURCHASED FROM AROVAST CORPORATION IN EXCESS OF THE PURCHASE PRICE PAID BY THE PURCHASER FOR SUCH PRODUCTS, OR

(b) INDIRECT, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR PUNITIVE DAMAGES EVEN IF AROVAST CORPORATION OR ONE OF ITS SUPPLIERS HAS BEEN ADVISED OF THE POSSIBILITY OR LIKELIHOOD OF SUCH DAMAGES.

AND REGARDLESS OF WHETHER CAUSED BY TORT (INCLUDING NEGLIGENCE), BREACH OF CONTRACT, OR OTHERWISE. OUR LIABILITY SHALL UNDER NO CIRCUMSTANCES EXCEED THE ACTUAL AMOUNT PAID BY YOU FOR THE DEFECTIVE PRODUCT, NOR SHALL WE UNDER ANY CIRCUMSTANCES BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL, SPECIAL OR PUNITIVE DAMAGES OR LOSSES, WHETHER DIRECT OR INDIRECT.

EXCEPT AS COVERED BY THIS LIMITED PRODUCT WARRANTY STATEMENT, AROVAST CORPORATION SHALL NOT BE LIABLE FOR COSTS ASSOCIATED WITH THE REPLACEMENT OR REPAIR OF PRODUCTS PURCHASED FROM IT, INCLUDING, BUT NOT LIMITED TO, LABOR, INSTALLATION, OR OTHER COSTS INCURRED BY THE USER AND, IN PARTICULAR, ANY COSTS RELATING TO THE REMOVAL OR REPLACEMENT OF ANY PRODUCT.

OTHER RIGHTS YOU MAY HAVE

SOME JURISDICTIONS DO NOT ALLOW FOR: (1) EXCLUSION OF IMPLIED WARRANTIES; (2) LIMITATION ON THE DURATION OF IMPLIED WARRANTIES; AND/OR (3) EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES; SO THE DISCLAIMERS IN THIS POLICY MAY NOT APPLY TO YOU. IN THESE JURISDICTIONS YOU HAVE ONLY THE IMPLIED WARRANTIES THAT ARE EXPRESSLY REQUIRED TO BE PROVIDED IN ACCORDANCE WITH APPLICABLE LAW. THE LIMITATIONS OF WARRANTIES, LIABILITY, AND REMEDIES APPLY TO THE MAXIMUM EXTENT PERMITTED BY LAW.

ALTHOUGH THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, YOU MAY HAVE OTHER RIGHTS IN YOUR JURISDICTION. THIS STATEMENT OF LIMITED WARRANTY IS SUBJECT TO APPLICABLE LAWS THAT APPLY TO YOU AND THE PRODUCT. PLEASE REVIEW THE LAWS IN YOUR JURISDICTION TO UNDERSTAND YOUR RIGHTS FULLY.

CHANGES TO THIS POLICY

We may change the terms and availability of this limited warranty at our discretion, but any changes will not be retroactive.

This warranty is made by:
Arovast Corporation
1202 N. Miller St., Suite A
Anaheim, CA 92806, USA.

A2-0100-D-23H29 ca