

ivation®

Energy Star Dehumidifier

SKUS: IVAMDH35 / IVAMDH50 / IVAMDH50P

User Guide



Thank you for purchasing the Ivation Energy Star Dehumidifier. This User Guide is intended to provide you with guidelines to ensure that operation of this product is safe and does not pose risk to the user. Any use that does not conform to the guidelines described in this User Guide may void the limited warranty.

Please read all directions before using the product and retain this guide for reference. This product is intended for household use only. It is not intended for commercial use.

This product is covered by a limited one-year warranty. Coverage is subject to limits and exclusions. See warranty for details.

The dehumidifier is Energy Star rated for quality assurance (www.energystar.gov).

APPLICABLE MODELS

IVAMDH35 – 35-Pint Energy Star Dehumidifier with 2-Speed Fan
(Previously classified as 50-pint)

IVAMDH50 – 50-Pint Energy Star Dehumidifier with 2-Speed Fan
(Previously classified as 70-pint)

IVAMDH50P – 50-Pint Energy Star Dehumidifier with 2-Speed Fan and Pump (Previously classified as 70-pint)

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SAFETY PRECAUTIONS

WARNING! Please read and understand all instructions and warnings before operating this product. Failure to read and follow these precautions and instructions could result in a fire, explosion, electric shock, or other hazards that can cause injury or damage the product. Keep this manual for future reference.

- Properly dispose of all packing materials immediately after unpacking product, as the bags used for packaging could present a suffocation or choking hazard.
- Read all instructions carefully before attempting to operate this device. Improper usage could result in a reduction in efficacy.
- Before plugging this device in, check that the power cord and wattage/voltage of the outlet complies with the recommended wattage/voltage on the rating label.
- Before cleaning, make sure to completely turn off and unplug this appliance.
- Never let any hard or heavy objects press into or sit atop the power cord to avoid damaging the cord or creating an electric shock hazard.
- Never remove the plug from the outlet or attempt to move the dehumidifier by yanking or pulling on the power cord.
- Never use any heating device (space heater, fireplace, etc.) near the dehumidifier.
- Never remove the plug from the power supply or handle any other electrical parts of the dehumidifier with wet hands.
- Always make sure the power cable is plugged into a grounded outlet, the plug is undamaged, and the connection is secure before turning on the appliance.
- Never place the dehumidifier under any wet and/or dripping objects.
- Disconnect the unit fully from the power supply when placing it in long-term storage. This dehumidifier includes a memory function that stores and remembers any programmed settings when the unit is unplugged, so your settings will be saved when you plug it back in and resume use.
- Empty the water bucket before storing the unit.
- Never unplug the unit before turning it off as this can damage the dehumidifier.
- Never attempt to repair or disassemble this appliance by yourself for any reason.
- If at any point you notice a device malfunction or abnormal behavior (for example, a burning odor emitting from the unit), immediately disconnect the product from the power supply and contact Ivation customer service.
- Never dispose of this product with regular household waste. If you intend to dispose of this product, contact your local waste disposal service for information about how to properly dispose of a product of this nature.
- Young children should always be supervised around this appliance to

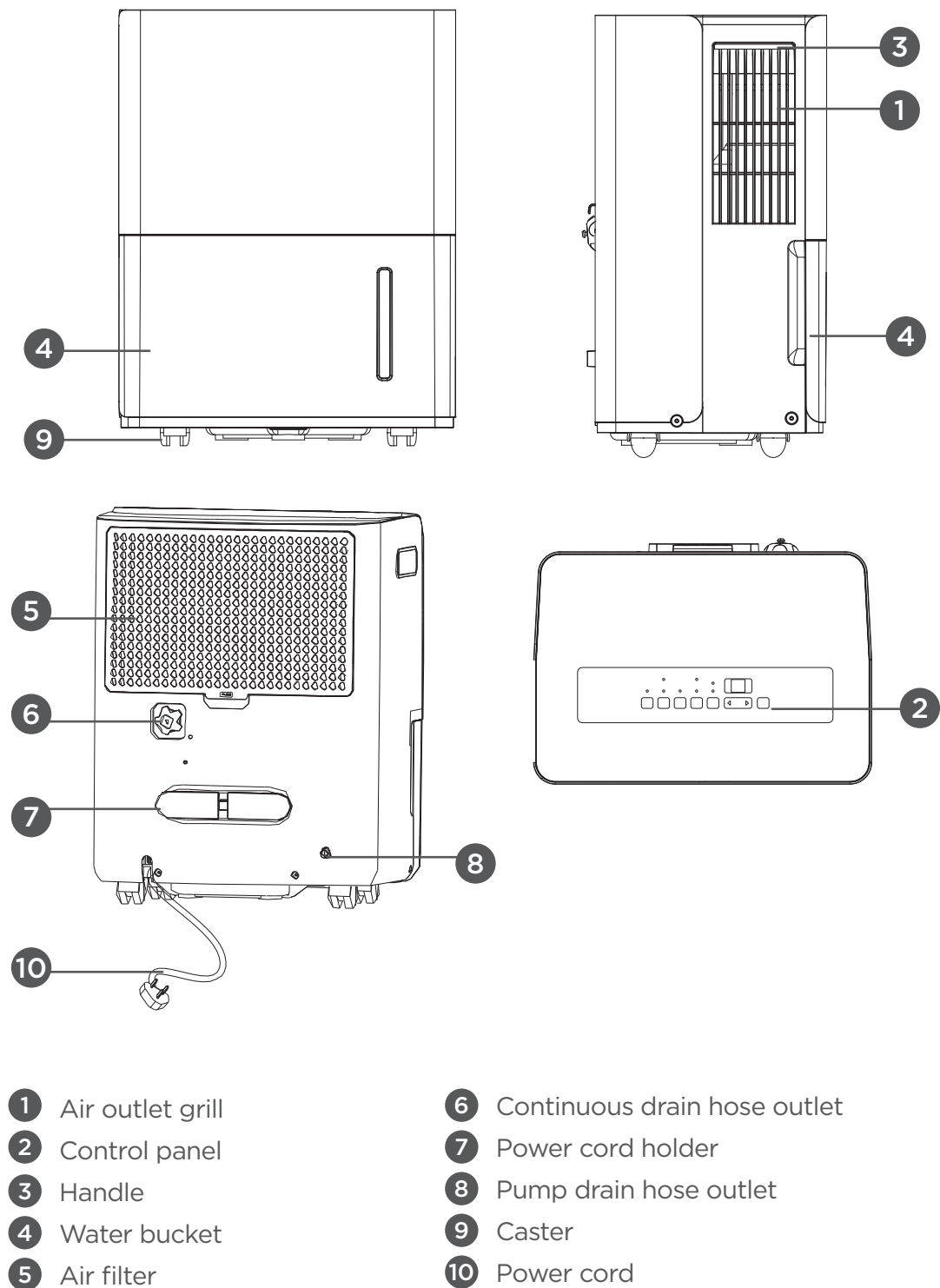
ensure that they do not play with or climb on it.

- User maintenance and cleaning should always be conducted with adult supervision. Children should not be allowed to maintain or clean this device.
- Use of an extension cord is not recommended with this appliance.
- If for some reason the power cord becomes damaged, it must be replaced by either Ivation, an authorized serviceperson, or a similarly qualified professional as soon as possible. Do not attempt to repair or replace the power cord on your own.

SAFE USE REQUIREMENTS

- The dehumidifier is only intended for indoor residential use. It should not be used for commercial or industrial spaces or else it may not perform as intended and could present a safety hazard.
- Always place the dehumidifier on a smooth, level floor.
- When operating, this device will have no effect on adjacent enclosed areas, such as closets or pantries, as long as they remain enclosed. If the door to such an area is left open, the dehumidifier may remove humidity from that space as well.
- Make sure to place this appliance in an area where the temperature will not fall outside the specified working range of 41 °F – 96 °F (5 °C – 36 °C) and where the humidity will remain within the specified working range of 35% – 85%. Please note that outside of these ranges the dehumidifier will not function properly, and could present a safety hazard if you attempt to operate it.
- Always make sure to allow at least 8" of air space on all sides of this device.
- To improve the efficiency of this appliance, we recommend closing all doors, windows, and other openings to spaces outside the room in which it is installed.
- Make sure the air inlet is kept clean and free from blockage at all times.
- Never use a dehumidifier in a bathroom.
- Avoid exposure to direct sunlight.
- When using the unit to dry clothes, ensure that they are at least 15.7" away to keep the unit from getting wet.
- Do not use this dehumidifier near a radiator as this can limit its ability to collect water from the air.
- Do not run the unit without an air filter installed.

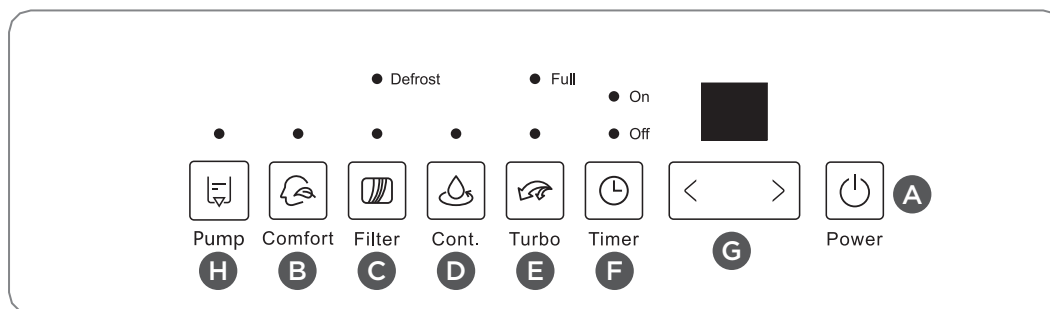
PARTS



NOTE: Actual product may be different from above illustration.

CONTROL PANEL

NOTE: The control panel's layout may be different from illustration.



- A POWER**
Press to turn the dehumidifier on and off.
- B FILTER**
Turn off the FILTER LED indicator (automatically turns on after 250 hours of operation to remind you to clean the filter).
- C COMFORT**
Press to run dehumidifier on a preset humidity level.
- D CONT. (CONTINUE)**
Press to activate continuous operation.
- E TURBO**
Press to adjust between normal or high fan speed.
- F TIMER**
Press to set a time when the device turns off. When the unit is on, press the TIMER button to adjust the “Timer Off” setting. Press the TIMER button again to adjust the “Timer On” setting. Once you reached your desired time, wait five (5) seconds for the dehumidifier to save your settings. The time can be set between a range of 0 - 24 hours.
- G LEFT/RIGHT ARROWS**
Press to adjust the time being set for “Timer On” and for “Timer Off”.
- H PUMP**
Press to activate pump operation. (Pump model only)

ERROR CODES

If a malfunction occurs, a error code will appear on the display. If this happens, make sure to turn off and unplug the dehumidifier before servicing the unit.

AS - Humidity sensor error: Unplug the unit and plug it back in. If the error repeats, contact an authorized serviceperson.

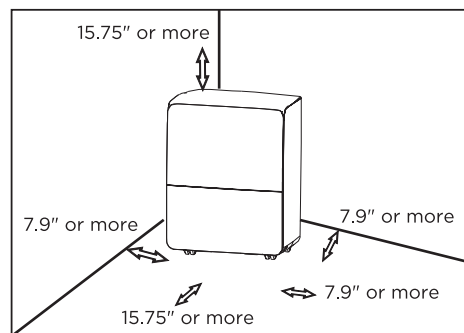
ES - Tube temperature sensor of the evaporator error: Unplug the unit and plug it back in. If the error repeats, contact an authorized serviceperson.

P2 - Bucket is full, or bucket is not in right position error: Empty the bucket and place the bucket back in the unit properly.

Eb - Bucket is removed, or bucket is not in right position error: Empty the bucket and place the bucket back in the unit properly. (Only available for pump model)

DEHUMIDIFIER SETUP

- Place the dehumidifier in an upright position on a flat, level surface.
- Ensure that there is proper clearance on all sides of the dehumidifier, as illustrated.
- When using the dehumidifier to dry clothes, be sure to keep them at least 15.7" away from the unit.
- For best results, use the dehumidifier in a central location like a landing or hallway. Do not place it in front of a radiator or in direct sunlight.



SAFE OPERATION TIPS

- Do not insert small objects into the unit to avoid product damage.
- Do not remove the water bucket while in operation to avoid water leaking.
- Ensure the water bucket is fitted correctly. If the bucket is full or is not in place, the full bucket indicator will light up and the unit will stop.
- Keep the unit on a level surface during use. If the unit is tilted while in use, the device will stop running until it is properly set up again. Once the device is properly set up again, operation will resume with all previous settings. Only a timer will continue to count while in a tilted state.

OPERATION INSTRUCTIONS

AUTOMATIC & ALERT FUNCTIONS

Auto Start & Auto Stop

Device will automatically start and stop depending on the "Timer On" and "Timer Off" settings that were set.

Water Bucket Alert

The full bucket light will come on when the bucket is full and ready to be emptied.

Auto Defrost

When frost builds up on the evaporator coils, the auto defrost light will come on, the compressor will cycle off, and the fan will continue to run until the frost evaporates.

Auto Shutoff

When the water bucket is full, removed, or not locked correctly in place, the dehumidifier will shut itself off entirely. The dehumidifier will resume operation after one (1) minute.

Auto Restart

In the case of a power outage or interruption, the unit will automatically restart and operate with the last saved settings after the power is restored.

Check Filter Alert

A light will come on after 250 hours of use to indicate that the filter needs to be cleaned. Once the filter is cleaned and placed back into the unit, you can press the Filter button to turn off the light.

EMPTYING THE WATER BUCKET

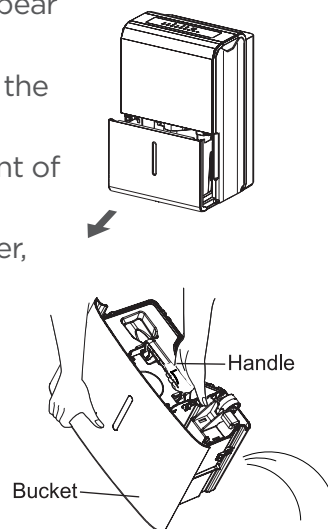
When the water bucket is full, the bucket alert light will appear on the display.

1. Turn off the dehumidifier before attempting to remove the water bucket.
2. Remove the water bucket by pulling it out from the front of the dehumidifier.
3. Lift the water bucket by the handle, dispose of the water, then clean the water bucket before placing it back inside the dehumidifier.

NOTES: Clean the bucket with clean water if needed. Do not use abrasive solvents or hot water.

Be careful not to remove or damage the float in the bucket, or the unit will not work properly.

If the water bucket is replaced incorrectly, the icon will blink on the display.



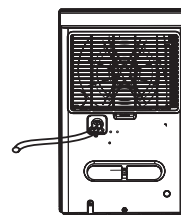
CONTINUOUS DRAINING

1. Remove the drain knob on the drain hose outlet in the back of the unit, revealing the drain hole.
2. Lead the drain hose (not included) through the revealed drain hole. Be sure that it does not bend in any place.

NOTES: Do not remove the water bucket when connecting the hose.

Make sure the hose connected to the unit is going downward so that water easily flows out of the unit.

When you remove the drain knob from the drain hose outlet make sure to put a bucket under the drain hose outlet. Water will leak out of the drain hose outlet when not covered by drain knob.



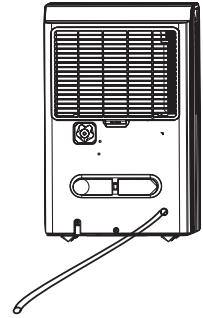
PUMP DRAINING (PUMP MODEL ONLY)

NOTE: The unit must be in PUMP mode for the pump to work. The drainage pump will not run continuously but will turn on and off as the float detects water in the bucket. Water will accumulate in the bucket until the bucket is 90% full. At that point, the pump will activate and

drain the bucket to 75% full. Water will always remain in the bucket even when pump draining is operating.

Installation

1. Place the plastic cover back on the drain hose outlet in the back of the unit.
2. Push the gray rubber ring in and remove the plug to open the pump hose attachment.
3. Insert the pump hose (included with pump models) into the pump hose outlet.
4. Run the drain hose to the location where you want water to drain. The pump can push water up to 16 ft. (5 m) horizontally or vertically. Do not exceed this distance to avoid drainage or device malfunctions.
5. Lead the other end of the pump hose to a drain or suitable drainage disposal.
6. Press the PUMP button on the control panel to start the pump operation.



NOTE: The dehumidifier may make noise when the pump function first activates. This is normal and should only last for one (1) or two (2) minute(s).

Removal

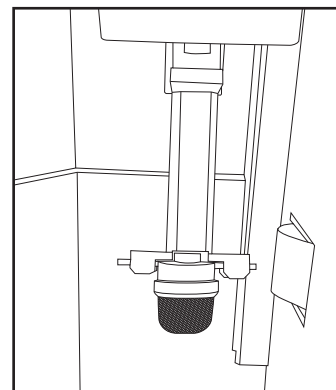
1. Push the gray rubber ring in to open the pump hose attachment.
2. While pushing the gray rubber ring in, pull hard to remove the pump hose.
3. Once the pump hose is disconnected, insert the plug and ensure the gray rubber ring goes back to its normal position.

NOTES: When not using the pump drain option, leave the plug in the pump hose attachment port to prevent leaking.

Make sure the pump hose is properly installed to avoid leaks and spills.

The pump light will start to blink if pump operations fail. If so, turn off the unit and unplug the power cord. Remove the water bucket and clean the filter of the pump before starting up the unit again.

The interior pump sucks up water in the bucket allowing the water to be drained. When the bucket is taking out too fast, it may cause the interior pump to hang down which can block the bucket from being properly reinstalled. If you see interior pump hanging inside the dehumidifier, simply push the interior pump up to lock it back in it's proper place.



CARE AND MAINTENANCE

CLEANING THE UNIT

1. Turn off the dehumidifier. When the fan stops running, unplug the unit from the power supply.
2. Clean the surface with a soft, damp cloth. Do not use abrasive chemicals or cleaners.
3. Dry with a towel after cleaning.
4. Never pour water or cleaning solution directly on the unit. This may cause damage.
5. Use a vacuum or brush to clean air outlet grill.

CLEANING THE FILTER

It is recommended to clean the filter once every two (2) weeks.

1. Turn off the unit, then unlatch the filter from the back of the unit.
2. Wash the filter with clean water, then gently wipe it dry.
3. Return the filter to its original position.

CLEANING THE BUCKET

1. Fill the bucket with clean water and add in a little detergent.
2. Mix and swirl the detergent and water together in bucket.
3. Empty out the solution, rinse out the bucket, and dry the bucket.

LONG-TERM STORAGE

1. Turn off the dehumidifier. When the fan stops running, unplug the unit from the power supply.
2. Clean and dry the water bucket. Do not use hot water or risk warping the plastic.
3. Let the unit dry out for at least one (1) day.
4. Clean the filter and the unit as described above.
5. Wrap the power cord around the power cord holder.
6. Cover the unit with a plastic bag in order to prevent it from gathering dust.
7. Store upright in a cool, dry place away from direct sunlight.

SPECIFICATIONS

General Specifications

Product type: Dehumidifier

Product length: 15.4"

Product width: 11.1"

Product height: 24.3"

Packaging length: 16.9"

Packaging width: 13"

Packaging height: 25.9"

Rated voltage: 115 V

Rated frequency: 60 Hz

Compressor type: Rotary

Refrigerant: R410A

Operating humidity range: 35% - 85% RH

Operating environment temperature: 41 °F - 96 °F

Location: Indoor use only

Installation required: No

Adult assembly required: No

Additional tools required: No

Country of origin: China

Warranty included: Yes

Warranty length: 1 year

IVAMDH35

Net weight: 40.6 lbs.

Gross weight: 43.6 lbs.

Rated current: 3.25 A

Power input: 360 W

Noise level: 48 - 54 dB

Airflow rate: 164.71 - 188.24 cfm

Dehumidifying capacity: 35 pints/day

IVAMDH50

Net weight: 42.1 lbs.

Gross weight: 45.2 lbs.

Rated current: 4.8 A

Power input: 515 W

Noise level: 49 - 54 dB

Airflow rate: 188.24 - 217.65 cfm

Dehumidifying capacity: 50 pints/day

IVAMDH50P

Net weight: 42.8 lbs.

Gross weight: 45.9 lbs.

Rated current: 4.8 A

Power input: 515 W

Noise level: 49 - 54 dB

Airflow rate: 188.24 - 217.65 cfm

Dehumidifying capacity: 50 pints/day

Pump included: Yes

TROUBLESHOOTING

Issues	Possible Solutions
The unit will not turn on.	<ul style="list-style-type: none">• Make sure the unit is plugged in and turned on.• Check main power supply.• Bucket is full and needs to be emptied.
The unit is not drying the air properly.	<ul style="list-style-type: none">• Make sure nothing is blocking the front or back of the dehumidifier.• The humidity control is set too low and needs to be adjusted.
The unit is making a loud noise when operating.	<ul style="list-style-type: none">• Make sure the unit is standing upright.• Make sure the filter is not clogged.
Frost is forming around the coils.	<ul style="list-style-type: none">• This is normal. The unit has an auto defrost feature.
Water is appearing on the floor.	<ul style="list-style-type: none">• Make sure the drain hose is connected to the unit properly if using continuous draining.• Place the plastic cover back on the drain hole outlet, if not using continuous draining.• Make sure water bucket is properly placed in unit.
ES, AS, P2, or Eb appear on the display.	These are error codes. See the Control Panel section to see what each code means.
The unit is not performing well.	<ul style="list-style-type: none">• Make sure no clutter or furniture are blocking the airflow of the unit.• Clean air filter.• Close all doors, windows, and openings so room is properly sealed.• The unit works best in a warmer room. Make sure room temperature is above 41 °F (5 °C).

WARRANTY INFORMATION

This Ivation Energy Star Dehumidifier ("Product"), including any accessories included in the original packaging, as supplied and distributed new by an authorized retailer is warranted by C&A Marketing, Inc. (the "Company") to the original consumer purchaser only, against certain defects in material and workmanship ("Warranty") as follows:

To receive Warranty service, the original consumer purchaser must contact the Company or its authorized service provider for problem determination and service procedures. Proof of purchase in the form of a bill of sale or receipted invoice, evidencing that the Product is within the applicable Warranty period(s), MUST be presented to the Company or its authorized service provider in order to obtain the requested service.

Service options, parts availability, and response times may vary and may change at any time. In accordance with applicable law, the Company may require that you furnish additional documents and/or comply with registration requirements before receiving warranty service. Please contact our customer service for details on obtaining warranty service:

Email: info@myivation.com

Phone: 1-866-849-3049

Shipping expenses to the Company's Return Facility are not covered by this warranty, and must be paid by the consumer. The consumer likewise bears all risk of loss or further damage to the Product until delivery to said facility.

EXCLUSIONS AND LIMITATIONS The Company warrants the Product against defects in materials and workmanship under normal use for a period of ONE (1) YEAR from the date of retail purchase by the original end-user purchaser ("Warranty Period"). If a hardware defect arises and a valid claim is received within the Warranty Period, the Company, at its sole option and to the extent permitted by law, will either (1) repair the Product defect at no charge, using new or refurbished replacement parts, (2) exchange the Product with a Product that is new or which has been manufactured from new or serviceable used parts and is at least functionally equivalent to the original device, or (3) refund the purchase price of the Product.

A replacement Product or part thereof shall enjoy the warranty of the original Product for the remainder of the Warranty Period, or ninety (90) days from the date of replacement or repair, whichever provides you longer protection. When a Product or part is exchanged, any replacement item becomes your property, while the replaced item becomes the Company's property. Refunds can only be given if the original Product is returned.

This Warranty does not apply to:

- (a) Any non-Ivation Energy Star Dehumidifier product, hardware or software, even if packaged or sold with the Product;
- (b) Damage caused by use with non-Ivation Energy Star Dehumidifier products;
- (c) Damage caused by accident, abuse, misuse, flood, fire, earthquake, or other external causes;
- (d) Damage caused by operating the Product outside the permitted or intended uses described by the Company;
- (e) Damage caused by third party services;
- (f) A Product or part that has been modified to alter functionality or capability without the written permission of the Company;
- (g) Consumable parts, such as batteries, fuses, and bulbs;
- (h) Cosmetic damage; or
- (i) If any Ivation Energy Star Dehumidifier serial number has been removed or defaced.

This Warranty is valid only in the country where the consumer purchased the Product, and only applies to Products purchased and serviced in that country.

The Company does not warrant that the operation of the Product will be uninterrupted or error-free. The Company is not responsible for damage arising from your failure to follow instructions relating to its use.

NOTWITHSTANDING ANYTHING TO THE CONTRARY AND TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, THE COMPANY PROVIDES THE PRODUCT "AS-IS" AND "AS-AVAILABLE" FOR YOUR CONVENIENCE AND THE COMPANY AND ITS LICENSORS AND SUPPLIERS EXPRESSLY DISCLAIM ALL WARRANTIES AND CONDITIONS, WHETHER EXPRESSED, IMPLIED, OR STATUTORY, INCLUDING THE WARRANTIES OF

MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE, QUIET ENJOYMENT, ACCURACY, AND NON-INFRINGEMENT OF THIRD-PARTY RIGHTS. THE COMPANY DOES NOT GUARANTEE ANY SPECIFIC RESULTS FROM THE USE OF THE PRODUCT, OR THAT THE COMPANY WILL CONTINUE TO OFFER OR MAKE AVAILABLE THE PRODUCT FOR ANY PARTICULAR LENGTH OF TIME. THE COMPANY FURTHER DISCLAIMS ALL WARRANTIES AFTER THE EXPRESS WARRANTY PERIOD STATED ABOVE.

YOU USE THE PRODUCT AT YOUR OWN DISCRETION AND RISK. YOU WILL BE SOLELY RESPONSIBLE FOR (AND THE COMPANY DISCLAIMS) ANY AND ALL LOSS, LIABILITY, OR DAMAGES RESULTING FROM YOUR USE OF THE PRODUCT.

NO ADVICE OR INFORMATION, WHETHER ORAL OR WRITTEN, OBTAINED BY YOU FROM THE COMPANY OR THROUGH ITS AUTHORIZED SERVICE PROVIDERS SHALL CREATE ANY WARRANTY.

IN NO EVENT WILL THE COMPANY'S TOTAL CUMULATIVE LIABILITY ARISING FROM OR RELATED TO THE PRODUCT, WHETHER IN CONTRACT OR TORT OR OTHERWISE EXCEED THE FEES ACTUALLY PAID BY YOU TO THE COMPANY OR ANY OF ITS AUTHORIZED RESELLERS FOR THE PRODUCT AT ISSUE IN THE LAST YEAR FROM YOUR PURCHASE. THIS LIMITATION IS CUMULATIVE AND WILL NOT BE INCREASED BY THE EXISTENCE OF MORE THAN ONE INCIDENT OR CLAIM. THE COMPANY DISCLAIMS ALL LIABILITY OF ANY KIND OF ITS LICENSORS AND SUPPLIERS. IN NO EVENT WILL THE COMPANY OR ITS LICENSORS, MANUFACTURERS, AND SUPPLIERS BE LIABLE FOR ANY INCIDENTAL, DIRECT, INDIRECT, SPECIAL, PUNITIVE, OR CONSEQUENTIAL DAMAGES (SUCH AS, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFITS, BUSINESS, SAVINGS, DATA, OR RECORDS) CAUSED BY THE USE, MISUSE, OR INABILITY TO USE THE PRODUCT.

Nothing in these terms shall attempt to exclude liability that cannot be excluded under applicable law. Some countries, states, or provinces do not allow the exclusion or limitation of incidental or consequential damages or allow limitations on warranties, so certain limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may have other rights that vary from state to state or province to province. Contact your authorized retailer to determine if another warranty applies.

GET IN TOUCH!

✉ info@myivation.com

☎ 1-866-849-3049

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