

Ivation IVADDH09

Ivation 19 Pint Small-Area Desiccant Dehumidifier (Model IVADDH09) Instruction Manual

Your guide to setup, operation, and maintenance.

1. PRODUCT OVERVIEW

The Ivation 19 Pint Small-Area Desiccant Dehumidifier, Model IVADDH09, is designed to efficiently remove moisture from smaller spaces up to 410 square feet. Utilizing desiccant rotor technology, this unit operates quietly and maintains its efficiency even in colder conditions, making it suitable for various environments such as bathrooms, attics, crawlspaces, closets, RVs, and boats. It helps to prevent mold, mildew, and unpleasant odors by regulating humidity levels.

Key features include adjustable humidity control, multiple fan speeds, a user-friendly LCD display, and versatile drainage options.





Image 1: The Ivation 19 Pint Small-Area Desiccant Dehumidifier, a compact and efficient unit designed for moisture removal.

2. SETUP INSTRUCTIONS

2.1 Unpacking and Placement

1. Carefully remove the dehumidifier from its packaging.
2. Place the unit on a firm, level surface. Ensure there is at least 8 inches (20 cm) of space around the air inlets and outlets for proper airflow.
3. Avoid placing the unit near heat sources or in direct sunlight.
4. Ensure the power cord is not obstructed or pinched.

2.2 Power Connection

Connect the power cord to a grounded electrical outlet. The unit is designed for standard household electrical systems.

2.3 Drainage Options

The dehumidifier offers two methods for water collection:

- **Manual Drainage:** Water collects in the internal 0.5-gallon (approximately 3.8-pint) reservoir. The unit will automatically shut off when the reservoir is full, and an indicator will alert you to empty it.
- **Continuous Drainage:** For extended operation without manual emptying, connect the included drain hose to the continuous drainage port on the back of the unit. Ensure the hose is sloped downwards to allow gravity to drain the water to a suitable location (e.g., a floor drain or sink).



Image 2: Illustrates the connection of the continuous drain hose to the dehumidifier for uninterrupted operation.

3. OPERATING INSTRUCTIONS

3.1 Control Panel Overview

The unit features an intuitive LCD control panel for easy operation. The display shows current humidity, temperature, and selected settings.

LED CONTROL PANEL

For Effortless Programming



Image 3: Close-up of the LED control panel, showing buttons for On/Off, Mode, Humidity, Dim, Timer, and Swing.

3.2 Basic Operation

1. **Power On/Off:** Press the **ON/OFF** button to turn the unit on or off.
2. **Mode Selection:** Press the **MODE** button to cycle through available operating modes (e.g., Low, High, Sleep, Continuous).
3. **Humidity Setting:** Use the **HUMIDITY** button to adjust the desired relative humidity (RH) level between 35% and 85%. The unit will operate to maintain this level.
4. **Fan Speed:** The fan speed can be set to Low or High, depending on the selected mode.
5. **Timer Function:** Press the **TIMER** button to set an auto-off timer, typically up to 24 hours.
6. **Swing Function:** Press the **SWING** button to activate or deactivate the oscillating air outlet, which helps

distribute dry air more evenly. The air outlet can swing up to a 120-degree range.

7. **Dim Display:** Use the **DIM** button to adjust the brightness of the LCD display, useful for nighttime operation.

3.3 Special Features

- **Sleep Mode:** Activates quiet operation and dims the display for undisturbed rest.
- **Auto-Shutoff:** The unit automatically turns off when the water reservoir is full or removed, preventing overflow.
- **Power Outage Restart:** In case of a power interruption, the unit will automatically resume operation with the last settings once power is restored.



Image 4: The dehumidifier features a tiltable fan for directing airflow, enhancing drying efficiency.

This desiccant dehumidifier is particularly effective in cooler environments, as it produces warm, dry air, which can help regulate room temperature during colder seasons.



Image 5: The compact design allows the dehumidifier to blend into various home environments, such as a living room.

4. MAINTENANCE

4.1 Emptying the Water Reservoir

When the water reservoir is full, the unit will stop operating and an indicator light will illuminate. Carefully pull out the reservoir from the front of the unit, empty the collected water, and then reinsert it securely. Ensure the reservoir is properly seated for the unit to resume operation.

EASILY VIEW

THE WATER LEVEL AND EMPTY THE REMOVABLE RESERVOIR



Image 6: Demonstrates how to easily remove the water reservoir for emptying.

4.2 Cleaning the Air Filter

The dehumidifier is equipped with a washable air filter. It is recommended to clean the filter every two weeks or as indicated by the filter alert on the control panel. To clean:

1. Turn off and unplug the unit.
2. Remove the filter cover from the back of the unit.
3. Gently remove the air filter.
4. Wash the filter with warm, soapy water. Rinse thoroughly and allow it to air dry completely before reinserting.
5. Reattach the filter cover.

4.3 Exterior Cleaning

Wipe the exterior of the unit with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.

5. TROUBLESHOOTING

If you encounter issues with your Ivation dehumidifier, please refer to the following common problems and solutions:

- **Unit Not Turning On:** Ensure the power cord is securely plugged into a working outlet. Check if the water reservoir is properly inserted and not full.
- **Dehumidifier Not Collecting Water:** Verify that the humidity setting is lower than the current room humidity. Check for any obstructions in the air inlets or outlets. Ensure the continuous drain hose is not kinked or blocked if in use.
- **Unusual Noise (Rattling/Chattering):** Ensure the unit is placed on a stable, level surface. Check for any loose parts or debris inside the unit (after unplugging). If the noise persists, it may indicate an internal component issue.
- **Odor Emission:** A slight odor may occur during initial use. If a persistent or strong odor develops, especially a burning smell, immediately unplug the unit and contact customer support.
- **Room Temperature Increase:** Desiccant dehumidifiers naturally produce warm, dry air as part of their operation. This is normal and not a malfunction.

For problems not listed here, please contact Ivation customer support.

6. SPECIFICATIONS

Feature	Specification
Brand	Ivation
Model Name	19 Pint Small-Area Desiccant Dehumidifier
Item Model Number	IVADDH09
UPC	843812114202
Product Dimensions	8.5 x 12.5 x 19.5 inches
Item Weight	17.91 pounds
Floor Area Coverage	Up to 410 Square Feet
Water Tank Capacity	0.5 Gallons (approx. 3.8 Pints)
Dehumidification Capacity	19 Pints per Day
Number of Speeds	2 (Low, High)
Operation Mode	Comfort, Continuous
Upper Temperature Rating	40 Degrees Celsius (104°F)
Material	Plastic, Metal, Activated Carbon

7. WARRANTY INFORMATION

The Ivation 19 Pint Small-Area Desiccant Dehumidifier typically comes with a 1-year limited warranty from the manufacturer. Please refer to the warranty card included with your product or visit the official Ivation website for the most current and detailed warranty terms and conditions. Keep your proof of purchase for warranty claims.

8. CUSTOMER SUPPORT

For technical assistance, troubleshooting, or warranty inquiries, please contact Ivation customer support. Contact information can usually be found in the product packaging or on the official Ivation website.

9. PRODUCT VIDEOS

9.1 Ivation Small-Area Desiccant Dehumidifier Overview

Your browser does not support the video tag.

Video 1: This video provides a comprehensive overview of the Ivation Small-Area Desiccant Dehumidifier, highlighting its compact design, quiet operation, and key features such as the continuous drain hose option and user-friendly controls. It demonstrates the unit's ability to remove moisture, odors, and mold, while also warming ambient air, making it suitable for colder seasons.

9.2 Ivation 19 Pint Small-Area Desiccant Dehumidifier Features

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Video 2: This video showcases the specific features of the Ivation 19 Pint Small-Area Desiccant Dehumidifier. It details the functionality of the control panel, including fan speeds, humidity adjustment, timer, and air swing. The video also illustrates the removable water reservoir and the option for continuous drainage, emphasizing the unit's portability and ease of use in various small spaces.