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› Humsure Dehumidifier 30 Pint 1500 Sq Ft User Manual

## HUMSURE AP10-2010EE

# Humsure 30 Pint Dehumidifier User Manual

Model: AP10-2010EE

## 1. INTRODUCTION

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Thank you for choosing the Humsure 30 Pint Dehumidifier. This appliance is designed to efficiently remove excess moisture from your indoor environment, creating a more comfortable and healthier living space. Ideal for areas up to 1500 sq ft, including basements, bedrooms, bathrooms, and living rooms, it features intelligent humidity control, a 24-hour timer, and convenient drainage options.



Figure 1.1: Humsure 30 Pint Dehumidifier

This image shows the Humsure 30 Pint Dehumidifier in a white finish, with its control panel visible on top and a drainage hose connected to the side, extending to the floor.

## 2. SAFETY INFORMATION

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Please read all safety warnings and instructions carefully before using this dehumidifier to prevent injury or damage. Keep this manual for future reference.

- **Initial Setup:** Before first use, allow the dehumidifier to stand upright for at least 2 hours. This allows the refrigerant pressure in the compressor to stabilize.
- **Power Supply:** Ensure the power outlet matches the voltage requirements of the unit. Do not use extension cords or adapter plugs.
- **Placement:** Place the unit on a level, stable surface. Maintain at least 8 inches (20 cm) clearance from walls or furniture to ensure proper airflow.
- **Water Tank:** Do not drink the collected water. Always empty the water tank when full or before moving the unit.
- **Cleaning:** Disconnect power before cleaning. Do not immerse the unit in water.

- **Children and Pets:** Keep children and pets away from the unit during operation.

### 3. PRODUCT FEATURES

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The Humsure Dehumidifier is equipped with advanced features for effective and convenient humidity control:

- **Powerful Compressor:** Efficiently removes moisture by condensing it into the water reservoir, discharging dry air.
- **High Efficiency:** Capable of removing up to 30 pints of water per day (at 86°F, 90% RH) from areas up to 1500 sq ft.
- **Intelligent Humidity Control:** Allows you to set your desired humidity level for optimal comfort.
- **24-Hour Timer:** Program the unit to turn on or off automatically, saving energy and hassle.
- **Quiet Operation:** Designed for silent dehumidification, ideal for bedrooms and living spaces (below 45dB in Sleep Mode).
- **Two Drainage Methods:** Manual emptying of the 1.5-liter water tank or continuous drainage via the included hose.
- **Washable Filter:** Easy-to-clean integrated air inlet grille and filter to capture dust and maintain efficiency.
- **Portable Design:** Features 360-degree casters and a portable handle for easy movement between rooms.



Figure 3.1: Overview of Key Features

This image highlights the main features of the dehumidifier, including its coverage area, timer function, quiet operation, drain hose length, and water tank capacity.

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Video 3.2: 30 Pint Bedroom Dehumidifier Suitable For Bathrooms

This video demonstrates the Humsure 30 Pint Dehumidifier in various home settings, showcasing its compact design, quiet operation, and ease of use for humidity control in bedrooms and bathrooms.

## 4. SETUP AND INSTALLATION

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### 4.1 Initial Placement

Place the dehumidifier in an area where humidity control is desired. Ensure it is on a firm, level surface and there are no obstructions to the air intake (rear) and outlet (top).

### 4.2 Power Connection

Plug the power cord into a grounded electrical outlet. As mentioned in safety, allow the unit to stand upright for 2 hours before plugging it in for the first time.

### 4.3 Drainage Options

Your Humsure Dehumidifier offers two convenient ways to manage collected water:

- **Manual Drainage:** The unit will collect water in its 1.5-liter internal tank. When the tank is full, the unit will automatically shut off and an indicator light will illuminate. Carefully remove the tank, empty the water, and reinsert it.
- **Continuous Drainage:** For extended operation without manual emptying, attach the included drainage hose to the continuous drainage port on the back of the unit. Route the hose to a suitable drain (e.g., floor drain, sink, or larger container) ensuring it is sloped downwards for gravity flow.

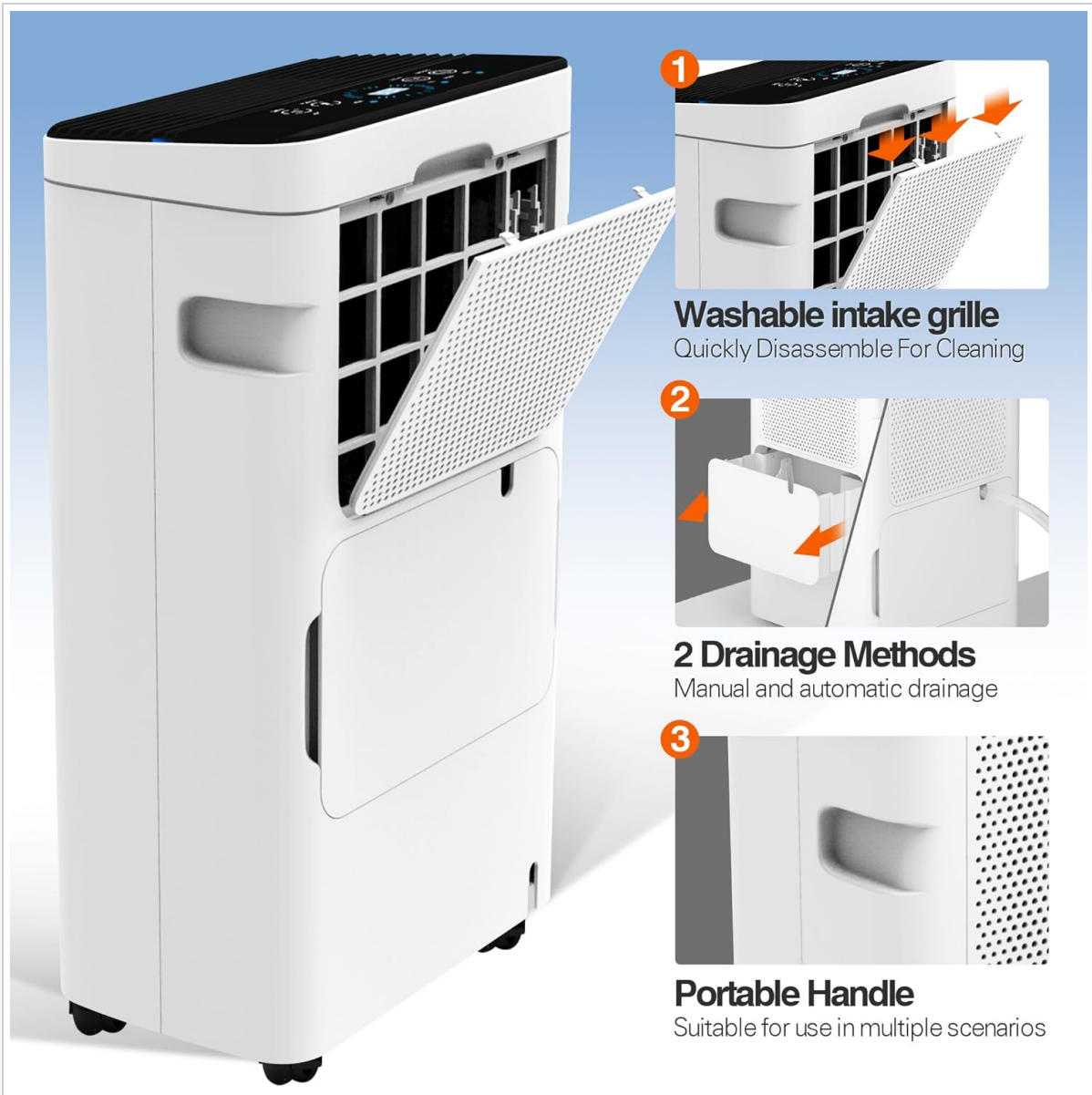


Figure 4.1: Drainage and Portability Features

This image illustrates the washable intake grille, the two drainage options (manual tank and continuous hose), and the integrated portable handle for easy relocation.



Figure 4.2: Manual vs. Automatic Drainage

This visual comparison shows the internal water tank for manual emptying and the external hose connection for continuous drainage, highlighting the 1.35L tank capacity and 3.9ft hose length.

## 5. OPERATING INSTRUCTIONS

The control panel on top of your Humsure Dehumidifier provides easy access to all functions:

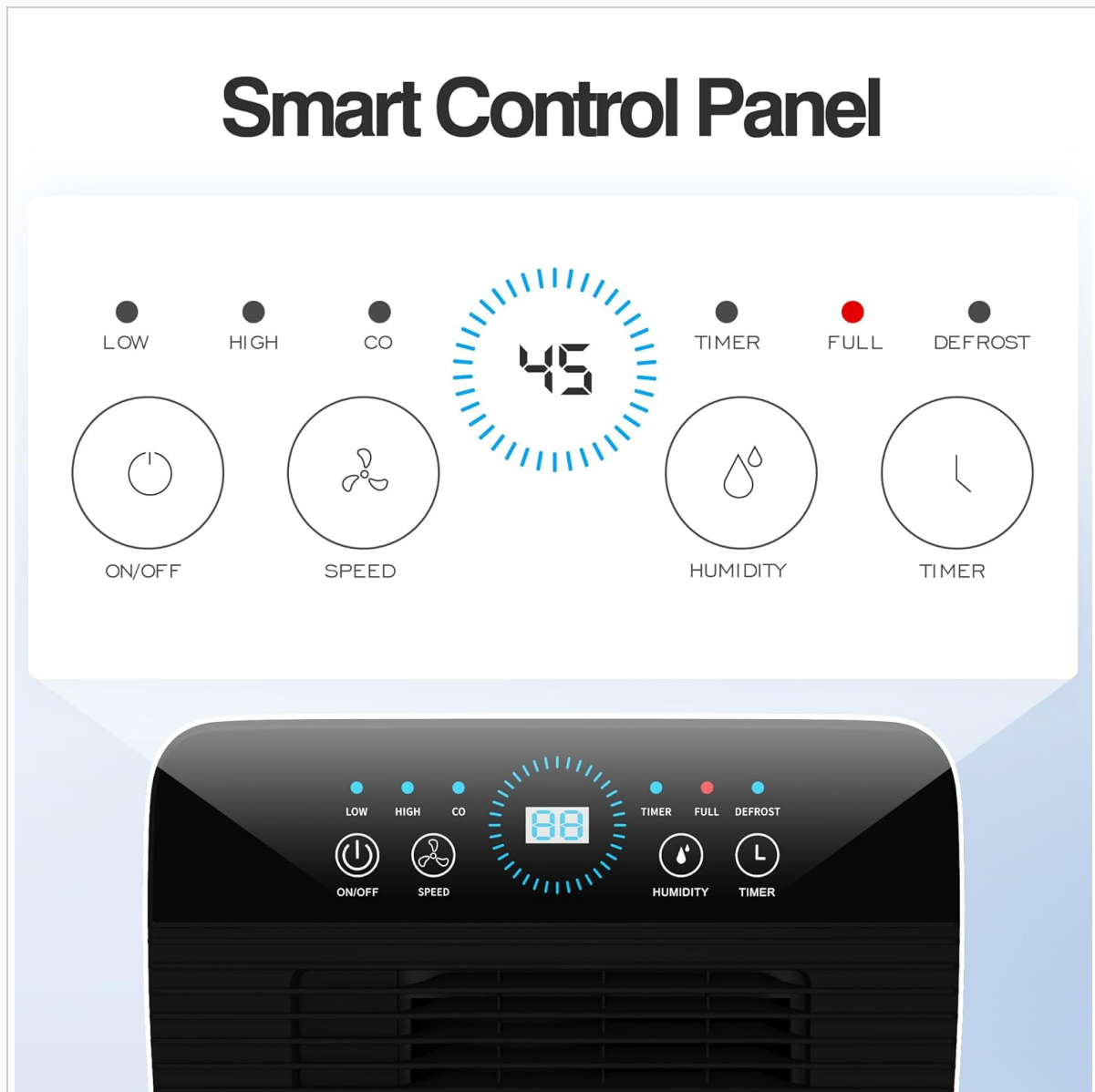


Figure 5.1: Smart Control Panel

This image provides a detailed view of the dehumidifier's control panel, showing the various touch-sensitive buttons and LED indicators for different functions and modes.

- **ON/OFF Button:** Press to turn the unit on or off.
- **Speed Button:** Toggle between Low, High, and CO (Continuous Operation) fan speeds. CO mode provides continuous dehumidification.
- **Humidity Button:** Press to set your desired humidity level (typically between 40% and 80% Relative Humidity). The unit will operate until this level is reached.
- **Timer Button:** Set the 24-hour timer for automatic on/off operation. Press repeatedly to adjust the desired operating duration.
- **Indicator Lights:**
  - **FULL:** Illuminates when the water tank is full and needs emptying.
  - **DEFROST:** Indicates the unit is in defrost mode (occurs automatically at low temperatures).

- **LOW/HIGH/CO:** Shows the current fan speed setting.
- **Sleep Mode:** The unit operates at its lowest fan speed for quiet performance, ideal for nighttime use.



Figure 5.2: Silent Dehumidification

This image emphasizes the dehumidifier's quiet operation, particularly in sleep mode (below 45dB), making it suitable for use in bedrooms without disturbing rest.

## 6. MAINTENANCE AND CARE

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Regular maintenance ensures optimal performance and longevity of your dehumidifier.

### 6.1 Cleaning the Air Filter

The dehumidifier features an easy-to-clean integrated air inlet grille and filter. Regularly clean the filter to prevent dust buildup, which can reduce efficiency.

1. Turn off the unit and unplug it from the power outlet.
2. Locate the air inlet grille on the back of the unit.
3. Gently open or remove the grille to access the filter.
4. Clean the filter using a vacuum cleaner or wash it with warm, soapy water. Rinse thoroughly and allow it to air dry completely before reinserting.
5. Reattach the grille securely.

### 6.2 Emptying the Water Tank

If not using continuous drainage, the water tank will need to be emptied when the FULL indicator light illuminates.

1. Turn off the unit and unplug it.
2. Carefully pull out the water tank from the front of the unit.
3. Pour out the collected water.
4. Slide the empty tank back into the unit until it clicks into place.



Figure 6.1: Handle, Washable Filter, and Universal Wheels

This image highlights the practical design elements of the dehumidifier, including its integrated handle for carrying, the removable and washable filter for easy maintenance, and the 360-degree universal wheels for effortless movement.

## 7. TROUBLESHOOTING

If you encounter issues with your Humsure Dehumidifier, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Unit does not turn on	No power; Water tank full or not properly inserted; Temperature too low.	Check power connection; Empty and reinsert water tank correctly; Ensure room temperature is above 41°F (5°C).
No dehumidification	Air filter clogged; Humidity setting too high; Room size too large.	Clean the air filter; Lower the desired humidity setting; Ensure unit is appropriate for room size.
Unit is noisy	Unit not on a level surface; Air filter clogged.	Place unit on a flat, stable surface; Clean the air filter.
Unit ices up	Room temperature too low.	The unit has an automatic defrost function. If icing persists, ensure room temperature is not excessively low.
Water leaks from unit	Water tank not properly inserted; Drainage hose not connected correctly or clogged.	Reinsert water tank firmly; Check drainage hose for proper connection and clear any blockages.

## 8. SPECIFICATIONS

Feature	Specification
Brand	HUMSURE
Model Number	AP10-2010EE
Dehumidification Capacity	30 Pints/Day (at 86°F, 90% RH)
Coverage Area	Up to 1500 Square Feet
Water Tank Capacity	1.5 Liters (approx. 0.4 Gallons)
Product Dimensions (D x W x H)	13" x 8.5" x 20.8"
Item Weight	22.7 Pounds
Color	White
Special Feature	Portable
Included Components	Drainage Hose
Recommended Uses	Residential



Figure 8.1: Product Dimensions

This image visually represents the dimensions of the Humsure Dehumidifier, showing its height, width, and depth.

## 9. WARRANTY AND SUPPORT

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Humsure is committed to providing high-quality products and excellent customer service. Your Humsure Dehumidifier comes with a worry-free after-sales service.

If you experience any initial defects or encounter other issues with your dehumidifier, please do not hesitate to contact our after-sales support team. We are dedicated to resolving all issues for you as soon as possible.

For support, please refer to the contact information provided in your product packaging or on the official Humsure website.