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Innovative Dehumidifier IW25-5

Innovative Dehumidifier Systems IW25-5 On-Wall Dehumidifier User Manual

Model: IW25-5 | Brand: Innovative Dehumidifier

Important Safety Instructions

Read all instructions carefully before operating the dehumidifier. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Ensure the unit is properly grounded.
- Do not operate the unit with a damaged power cord or plug.
- Do not block air inlets or outlets.
- Keep children and pets away from the unit during operation.
- Disconnect power before performing any maintenance or cleaning.
- Install the unit in a location that can support its weight and allows for proper drainage.

Product Overview

The Innovative Dehumidifier Systems IW25-5 On-Wall Dehumidifier is designed to efficiently remove moisture from indoor environments, covering areas up to 1500 sq ft. It features a bi-polar ionizer for air purification and a tankless design for continuous, hands-free operation.



Image: Front view of the IW25-5 On-Wall Dehumidifier.

Key Features

- **Integral Humidistat:** Allows setting desired humidity levels for automatic operation.
- **Quiet Operation:** Designed to operate at noise levels comparable to common household appliances.
- **Compact On-Wall Design:** Slim profile for direct wall mounting.
- **Tankless Drainage:** Gravity drains into existing plumbing, eliminating manual emptying. An optional condensate pump is available separately for alternative drainage needs.
- **Bi-Polar Ionizer:** Distributes positive and negative ions to help reduce airborne particles, bacteria, viruses, pollen, mold, and odors.
- **Washable MERV 8 Filter:** Reusable air filter for easy maintenance.

Installation and Setup

Unpacking

Carefully remove the dehumidifier from its packaging. Inspect the unit for any signs of damage. If damage is found, retain all packaging materials and contact customer support immediately.

Mounting

The IW25-5 is designed for direct surface wall mounting. It can be installed on various surfaces including CMU block, masonry, concrete, or brick. Ensure the mounting location is structurally sound and allows for proper air circulation around the unit.



Image: Examples of the IW25-5 On-Wall Dehumidifier installed in various residential settings.

Drainage Connection

The unit is designed for gravity drainage. Connect the supplied 3/4" x 10" drain hose to the unit's drain port and secure it with the hose clamp. Route the hose to an existing plumbing drain, ensuring a continuous downward slope for effective water removal. If gravity drainage is not feasible, an optional condensate pump (sold separately) can be integrated.

Electrical Connection

The IW25-5 can be powered via an 8-foot standard 120V power cord or hardwired. Ensure the electrical supply meets the unit's requirements (300 watts, 120V). Installation should comply with all local electrical codes.

Operating Instructions

Control Panel (Humidistat)

The unit features an integral humidistat. To operate, set the desired relative humidity level using the controls. The dehumidifier will automatically turn on and off to maintain the set humidity level. A flashing LED light indicates when the filter requires cleaning.

Bi-Polar Ionizer Function

The integrated bi-polar ionizer operates automatically to enhance air quality. It releases positive and negative ions into the room, which interact with airborne particles such as bacteria, viruses, pollen, mold spores, and odors, neutralizing them and converting them into water vapor.

Normal Operation

Once installed and configured, the dehumidifier operates continuously to manage humidity. The unit is designed for standalone operation, independent of HVAC systems, providing supplemental dehumidification.

Maintenance

Regular maintenance ensures optimal performance and longevity of your dehumidifier.

Filter Cleaning

The IW25-5 is equipped with a washable MERV 8 air filter. A flashing LED indicator on the unit will signal when the filter needs cleaning. To clean:

1. Disconnect power to the unit.
2. Carefully remove the front cover and then the air filter.
3. Wash the filter with warm, soapy water. Rinse thoroughly.
4. Allow the filter to air dry completely before reinserting.
5. Reinstall the filter and front cover. Reconnect power.

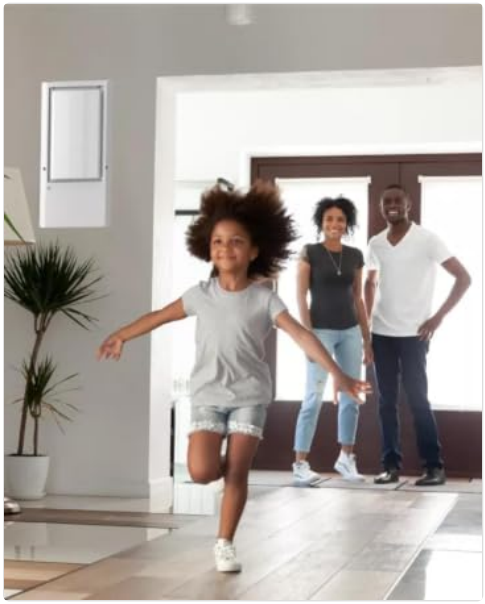


Image: IW25-5 dehumidifier with the washable MERV 8 air filter removed.

General Cleaning

Wipe the exterior of the unit with a soft, damp cloth. Do not use abrasive cleaners or solvents. Ensure the unit is dry before reconnecting power.

Troubleshooting

If you encounter issues with your IW25-5 dehumidifier, refer to the table below for common problems and solutions. If the problem persists, contact customer support.

Problem	Possible Cause	Solution
Unit does not turn on	No power supply; Power cord not fully plugged in; Circuit breaker tripped	Check power connection; Ensure outlet is functional; Reset circuit breaker
No dehumidification	Humidity setting too high; Air filter clogged; Room temperature too low	Lower humidity setting; Clean or replace air filter; Ensure room temperature is above 40°F (4.4°C)
Water not draining	Drain hose kinked or blocked; No continuous slope for gravity drain	Inspect and clear drain hose; Adjust hose for proper slope; Check for blockages in plumbing
Unit is noisy	Unit not level; Loose components; Obstruction in fan	Ensure unit is level; Check for loose parts; Inspect fan for obstructions (with power off)

Specifications

Feature	Specification
Brand	Innovative Dehumidifier
Model Name	IW25-5 On Wall Dehumidifier
Floor Area Coverage	Up to 1500 Square Feet
Dehumidification Capacity	33 Pints per Day (@80°F/65%RH)
Product Dimensions (DxWxH)	7.25"D x 17.25"W x 27.63"H
Item Weight	39 Pounds
Material	Plastic
Wattage	300 watts
Operation Mode	Continuous with integral humidistat
Upper Temperature Rating	80 Degrees Fahrenheit
Special Feature	Bi-Polar Ionizer
Included Components	1 IW25-5 Dehumidifier with in wall cover, 3/4" x 10" Drain hose and hose clamp, 8' standard 120 v power cord or hardwire capability, Tamper resistant screws, washable MERV air filter

Warranty and Support

Warranty Information

The Innovative Dehumidifier Systems IW25-5 On-Wall Dehumidifier typically comes with a 5-year warranty. Please refer to your purchase documentation for specific warranty terms and conditions.

Customer Support

For technical assistance, warranty claims, or to purchase accessories, please visit the official Innovative Dehumidifier store or contact their customer service department.

Visit Innovative Dehumidifier Store

Important Notice

Please inspect the unit upon receipt. If any damages have occurred during shipping, save all packaging materials and submit a claim within 48 hours of receipt. Returns are not accepted without prior authorization from Innovative Dehumidifier Systems.

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