Folanzy 168 Pints Commercial

Folanzy 168 Pints Commercial Dehumidifier User Manual

Model: 168 Pints Commercial

1. Introduction

This manual provides essential instructions for the safe operation, installation, maintenance, and troubleshooting of your Folanzy 168 Pints Commercial Dehumidifier. Please read this manual thoroughly before using the appliance and retain it for future reference. This dehumidifier is designed for effective moisture removal in large spaces up to 7,200 sq. ft., such as basements, warehouses, garages, and commercial environments.

2. Safety Information

- Always ensure the dehumidifier is placed on a stable, level surface.
- Do not operate the unit near flammable gases or combustible materials.
- Keep children and pets away from the appliance during operation.
- Ensure the power cord is not damaged and is properly grounded.
- Do not block the air inlet or outlet. Maintain adequate clearance around the unit for proper airflow.
- Unplug the unit before cleaning or performing any maintenance.
- If the unit is damaged or malfunctions, do not attempt to repair it yourself. Contact customer support.

3. Product Components and Features

The Folanzy 168 Pints Commercial Dehumidifier is equipped with features designed for efficient and convenient operation in large areas.

- **High Capacity:** Removes up to 168 pints of moisture per day (at 95°F, 90% RH).

- **Large Coverage Area:** Suitable for spaces up to 7,200 sq. ft.
- **Built-in Pump:** Allows for automatic drainage up to 16 feet vertically or horizontally.
- **Gravity Drainage:** Includes a 10-foot hose for continuous gravity drainage.
- **Intelligent Control:** Automatic humidistat, 24-hour timer, auto defrost, auto restart after power outages.
- **Portability:** Features a comfortable handle bar, 7.9-inch large wheels, and swivel casters for easy movement.
- **Durable Construction:** Metal casing for long-lasting use.
- **Reusable Filter:** Easy-to-clean mesh filter.



Figure 3.1: Front view of the Folanzy 168 Pints Commercial Dehumidifier.



Figure 3.2: Dimensions and mobility features including cord hooks, wheels, and swivel casters.

4. Setup and Installation

4.1 Unpacking

Carefully remove the dehumidifier from its packaging. Inspect the unit for any signs of damage. Retain the packaging for future storage or transport.

4.2 Placement

Place the dehumidifier in a location where the humidity is highest and where there is adequate air circulation. Ensure the unit is at least 12 inches (30 cm) away from walls or furniture to allow for proper airflow. The unit is designed for spaces up to 7,200 sq. ft.

4.3 Power Connection

Connect the power cord to a grounded electrical outlet. Ensure the voltage matches the specifications listed on the unit's rating label.

4.4 Drainage Setup

The dehumidifier offers two drainage options: gravity drainage and pump drainage.



Figure 4.1: Optional drainage configurations for the dehumidifier.

4.4.1 Gravity Drainage

For continuous gravity drainage, attach the provided 10-foot drain hose to the gravity drain outlet on the unit. Ensure the hose is sloped downwards to a suitable drain or container, allowing water to flow out by gravity. Do not allow the hose to kink or be obstructed.

4.4.2 Pump Drainage

For pump drainage, connect the 16.4-foot pump hose to the pump drain outlet. The built-in pump can discharge condensate water up to 16 feet vertically or horizontally, providing flexibility in placement. Ensure the hose is securely connected and directed to a suitable drainage point, such as a sink, floor drain, or outside. The pump operates automatically when the water level in the internal reservoir reaches a certain point.



Figure 4.2: Comparison of gravity drainage and pump drainage setups.

5. Operating Instructions

5.1 Control Panel Overview



Figure 5.1: Dehumidifier control panel layout.

- **Power Button:** Turns the unit on or off.
- **Up/Down Buttons:** Adjust desired humidity level (10% to 90% RH) or timer settings.
- **OK Button:** Confirms selections.
- **Timer Button:** Sets the 24-hour on/off timer.
- **Purge Button:** Manually activates the pump to drain water (if using pump drainage).

5.2 Initial Operation

1. Plug in the dehumidifier.
2. Press the **Power** button to turn on the unit.
3. Use the **Up** or **Down** buttons to set your desired humidity level. The unit will automatically operate to maintain this level.

5.3 Timer Function

To set the timer for automatic on/off:

1. Press the **Timer** button.
2. Use the **Up** or **Down** buttons to set the desired delay time (in hours) for the unit to turn on or off.
3. Press **OK** to confirm.

5.4 Auto Defrost

The unit features an automatic defrost function. If frost builds up on the evaporator coils, the unit will temporarily stop dehumidifying and run the fan to melt the frost. This is a normal operation and ensures efficient performance in cooler environments.

5.5 Auto Restart

In case of a power outage, the dehumidifier will automatically restart with the previous settings once power is restored.

6. Maintenance

6.1 Cleaning the Air Filter

The dehumidifier is equipped with a reusable, easy-to-clean mesh filter. Regular cleaning of the filter is crucial for maintaining optimal performance and air quality.

1. Turn off the unit and unplug it from the power outlet.
2. Locate the air filter (typically on the back or side of the unit).
3. Remove the filter.
4. Wash the filter with warm, soapy water. Rinse thoroughly.
5. Allow the filter to air dry completely before reinstalling it.
6. Reinsert the dry filter into the unit and plug the dehumidifier back in.

It is recommended to clean the air filter every two weeks or more frequently depending on the operating environment.

6.2 General Cleaning

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

7. Troubleshooting

Problem	Possible Cause	Solution
Dehumidifier does not turn on	No power; Power cord not plugged in; Power outage.	Ensure unit is plugged in; Check circuit breaker; Verify power supply.
Unit is running but not removing moisture	Air filter is dirty; Room temperature is too low; Humidity setting is too high.	Clean the air filter; Ensure room temperature is above 41°F (5°C); Lower the desired humidity setting.
Water is leaking	Drain hose is kinked or obstructed; Drain hose not properly connected.	Check and straighten the drain hose; Ensure secure connection to the drain outlet.
Unit is noisy	Unit not on a level surface; Air filter is dirty.	Place unit on a level surface; Clean the air filter.
Auto defrost indicator is on	Frost buildup on coils (normal operation).	No action required; unit will automatically defrost and resume operation.

8. Specifications

Feature	Specification
Brand	Folanzy
Model Name	168 Pints Commercial
Moisture Removal Capacity	168 Pints/Day (at 95°F, 90% RH)
Coverage Area	Up to 7200 Square Feet

Feature	Specification
Color	White
Special Features	Auto Defrost, Timer, Pump Drainage & Gravity Drainage
Wattage	500 watts
Operation Mode	Automatic
Item Dimensions (D x W x H)	40.8D x 34.6W x 66.5H Centimetres
Item Weight	34 Kilograms
Material Type	Metal
Included Components	Pump Drainage & Gravity Drainage Hoses

9. Warranty and Support

Your Folanzy 168 Pints Commercial Dehumidifier is covered by a **30-Day Return Policy** and a **5-Year Protection Plan** for the compressor from the date of purchase. Please refer to the detailed warranty information provided with your purchase for specific terms and conditions.
For technical support, warranty claims, or any questions regarding your dehumidifier, please contact our customer service team. Our expert technical support is available for the lifetime of the product.
Customer Service Contact:

- **Email:** support@folanzy.com
- **Phone:** [Insert Phone Number Here]
- **Website:** www.folanzy.com

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