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PIAZCEW 12L Dehumidifier

PIAZCEW 12L/Day Electric Dehumidifier Instruction Manual

Model: 12L Dehumidifier

1. Important Safety Information

Please read this manual carefully before operating your PIAZCEW dehumidifier. Keep these instructions for future reference. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Always connect the dehumidifier to a grounded power outlet.
- Do not operate the unit with a damaged power cord or plug.
- Do not block the air inlet or outlet. Maintain at least 20 cm (8 inches) clearance from walls and furniture.
- Do not use the dehumidifier in areas where flammable gases or liquids are stored.
- Ensure the water tank is correctly installed before operation.
- Always unplug the unit before cleaning or performing any maintenance.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

2. Product Overview

The PIAZCEW 12L/Day Electric Dehumidifier is designed to efficiently remove excess moisture from your indoor environment, improving air quality and comfort. It features a high-efficiency compressor, multiple operating modes, and user-friendly controls.



Image: The PIAZCEW dehumidifier is capable of removing up to 12 liters of moisture per day, covering an area of 100 cubic meters or 40 square meters. It offers adjustable humidity settings from 30% to 80%.



Image: This illustration shows the three primary operating modes: Sleep Mode for quiet operation, Drying Mode for clothes, and Auto Mode for maintaining preset humidity levels.

Control Panel and Display



Image: The touch control panel features buttons for ION/LOCK, SPEED, TIMER, SET, MODE, and POWER. Below the panel, a humidity indicator light changes color based on the current humidity level: Blue for <45%, Green for <=65%, and Red for >65%. An Auto Defrost Function is also indicated.

ION/LOCK: Activates negative ion function or child lock.

SPEED: Adjusts fan speed (High/Low Wind Cycle).

TIMER: Sets operation timer (1-24 hours).

SET: Adjusts target humidity (30%-80% RH).

MODE: Selects operating mode (Auto/Drying/Sleep Mode).

POWER: Turns the unit on or off.

3. Setup

Unpacking

1. Carefully remove the dehumidifier from its packaging.
2. Remove all packing materials, including any tape or protective films.
3. Inspect the unit for any signs of damage. If damaged, do not operate and contact customer support.

Placement

- Place the dehumidifier on a firm, level surface in an area where the temperature will not fall below 5°C (41°F).
- Ensure there is at least 20 cm (8 inches) of space around the unit for proper airflow. Do not place it against a wall or near curtains.
- Avoid placing the unit near heat sources or in direct sunlight.

Power Connection

Plug the power cord into a properly grounded electrical outlet. Ensure the voltage matches the specifications of the dehumidifier.

Water Drainage Options

Your dehumidifier offers two drainage methods:

- **Manual Drainage (Water Tank):** The unit will collect water in its internal tank. When the tank is full, the unit will automatically shut off and an indicator light will illuminate. Empty the tank and reinsert it to resume operation.
- **Continuous Drainage:** For continuous operation without emptying the tank, attach a suitable drain hose (not included) to the continuous drainage port on the back of the unit. Ensure the hose is sloped downwards to allow gravity drainage into a floor drain or larger container.

4. Operating Instructions

Power On/Off

Press the **POWER** button to turn the dehumidifier on or off.

Mode Selection

Press the **MODE** button to cycle through the available operating modes: Auto Mode, Drying Mode, and Sleep Mode.

Auto Mode



Image: The dehumidifier in Smart Auto Mode automatically adjusts its operation to maintain the target humidity within a ±3% relative humidity range, with an adjustable control range of 30%-80% RH.

In Auto Mode, the dehumidifier will automatically adjust its operation to maintain the desired humidity level. You can set the target humidity using the **SET** button. The unit will operate to keep the humidity within ±3% of your target.

Drying Mode



Image: The dehumidifier in Continuous Drying Mode helps to quickly dry clothes, reduce odors, and circulate fresh air. It provides powerful drying with an air circulation rate of 120-130 m³/H.

Drying Mode is ideal for quickly drying laundry indoors or for reducing high humidity in specific areas. The unit operates continuously at a high fan speed to maximize moisture removal and air circulation (120-130 m³/H).

Sleep Mode



Image: The dehumidifier in Quiet Sleep Mode operates with low noise, approximately 35dB, and features a dim screen to minimize disturbance during rest.

Sleep Mode provides quiet operation (approximately 35dB) and dims the display lights to ensure minimal disturbance, making it suitable for use in bedrooms or quiet environments.

Setting Humidity Level

Press the **SET** button repeatedly to adjust the desired humidity level from 30% to 80% Relative Humidity (RH) in 5%

increments. The display will show the target humidity for a few seconds, then revert to showing the current room humidity.

Timer Function

Press the **TIMER** button to set an auto-on or auto-off timer from 1 to 24 hours. Each press increases the time by one hour. Once the desired time is set, the unit will automatically turn on or off after the specified duration.

Fan Speed

Press the **SPEED** button to switch between High and Low fan speeds, if available in the current mode.

ION/Child Lock

Press the **ION/LOCK** button to activate the negative ion function, which helps purify the air. Press and hold the **ION/LOCK** button for a few seconds to activate or deactivate the child lock, preventing accidental changes to settings.

Humidity Indicator Light

The indicator light on the control panel provides a quick visual reference for the current room humidity:

- **Blue:** Humidity is below 45% RH.
- **Green:** Humidity is between 45% and 65% RH (inclusive).
- **Red:** Humidity is above 65% RH.

5. Maintenance

Regular maintenance ensures optimal performance and extends the lifespan of your dehumidifier. Always unplug the unit before cleaning.

Emptying the Water Tank

When the water tank is full, the unit will stop operating, and the 'Full Tank' indicator will illuminate. Carefully pull out the water tank, empty the collected water, and slide the tank back into place until it clicks securely. The unit will resume operation.

Cleaning the Air Filter

The air filter should be cleaned every two weeks or more frequently depending on usage and air quality. A dirty filter can reduce efficiency and cause the unit to work harder.

1. Unplug the dehumidifier.
2. Remove the air filter from the back or side of the unit (refer to the diagram in your physical manual for exact location).
3. Wash the filter with clean water (not hotter than 40°C / 104°F) and a mild detergent.
4. Rinse thoroughly and allow the filter to air dry completely before reinstalling. Do not expose to direct sunlight.

Cleaning the Exterior

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

Storage

If storing the unit for an extended period:

- Empty the water tank and ensure it is clean and dry.

- Clean the air filter.
- Wrap the power cord neatly.
- Store the unit upright in a cool, dry place, away from direct sunlight and extreme temperatures.

6. Troubleshooting

Before contacting customer support, please refer to the following troubleshooting guide for common issues.

Problem	Possible Cause	Solution
Dehumidifier does not turn on.	No power supply. Power cord not securely plugged in. Water tank full or not properly installed.	Check power outlet and circuit breaker. Ensure power cord is firmly plugged into the unit and outlet. Empty water tank and ensure it is correctly seated.
Unit is running but not collecting water.	Room temperature too low. Air filter clogged. Humidity setting too high. Continuous drainage hose is connected and draining.	Dehumidifiers are less effective below 5°C (41°F). Clean the air filter. Lower the target humidity setting. If not using continuous drainage, ensure the hose is disconnected and the port is sealed.
Airflow is weak.	Air filter clogged. Air inlet/outlet blocked.	Clean the air filter. Ensure there is sufficient clearance around the unit.
Unit is noisy.	Unit not on a level surface. Air filter clogged. Internal components vibrating.	Place the unit on a flat, stable surface. Clean the air filter. This may be normal during compressor operation; if excessive, contact support.
Frost appears on coils.	Low room temperature.	The unit has an Auto Defrost function. If frost persists, move the unit to a warmer room.

7. Specifications

Brand: PIAZCEW

Model: 12L Dehumidifier

Dehumidification Capacity: 12 Liters/Day (at 30°C, 80% RH)

Coverage Area: Up to 100 m^3 / 40 m^2

Humidity Control Range: 30% - 80% RH

Noise Level (Sleep Mode): Approximately 35 dB

Product Dimensions: 44.5 x 24.7 x 19.7 cm

Item Weight: 10 kg

ASIN: B0FT7QKW49

Modes: Auto, Drying, Sleep

Timer: 1-24 Hours

Drainage: Water Tank (Manual) or Continuous Drainage

8. Warranty and Support

For warranty information or technical support, please refer to the warranty card included with your product or contact PIAZCEW customer service directly. Please have your model number (12L Dehumidifier) and ASIN (B0FT7QKW49) ready when contacting support.

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