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› OKYUK Electric Dehumidifier User Manual

OKYUK PD12R-03BE

OKYUK Electric Dehumidifier User Manual

Model: PD12R-03BE

Brand: OKYUK

IMPORTANT SAFETY INSTRUCTIONS

Please read all instructions carefully before using the dehumidifier and retain this manual for future reference. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Always connect the dehumidifier to a properly grounded power outlet.
- Do not operate the unit if the power cord or plug is damaged.
- Ensure the dehumidifier is placed on a stable, level surface to prevent tipping.
- Do not block the air inlet or outlet. Maintain at least 20 cm (8 inches) clearance around the unit.
- Do not use the dehumidifier in areas where flammable gases or liquids are stored.
- Unplug the unit before cleaning, moving, or performing any maintenance.
- Do not immerse the unit, power cord, or plug in water or other liquids.
- Keep children and pets away from the dehumidifier during operation.
- This appliance is designed for residential use only.

PRODUCT OVERVIEW

The OKYUK Electric Dehumidifier is designed to efficiently remove excess moisture from your indoor environment, creating a more comfortable and healthier living space. It features a compact design with intelligent controls and portability.

Components

- Dehumidifier Unit
- Removable Water Tank (2.5 L capacity)
- Air Filter (located at the back/side)

- 360-degree Swivel Wheels
- Power Cord
- User Manual (this document)

Unit Diagram and Control Panel



Figure 1: Front view of the OKYUK Electric Dehumidifier, showcasing its sleek white design and the brand logo.

Pannello di controllo intelligente

- Controllo tattile sensibile, facile da usare
- Indicatore di umidità in tempo reale, sempre informato sulle condizioni ambientali



Figure 2: Close-up of the smart control panel with digital display, showing touch-sensitive buttons for various functions like humidity setting, timer, speed, and power.

The control panel features a digital display for real-time humidity indication and touch-sensitive buttons for easy operation. Functions include Power On/Off, Mode Selection, Humidity Setting, Fan Speed, and Timer.

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 during transit. If damaged, do not operate and contact customer support.

Placement

For optimal performance, place the dehumidifier in a central location within the desired area. Ensure proper air

circulation around the unit.

- Place the unit on a firm, level floor.
- Maintain at least 20 cm (8 inches) of space from walls or furniture to allow for proper airflow.
- Avoid placing the unit near heat sources or in direct sunlight.
- The integrated 360-degree wheels allow for easy movement between rooms.



Figure 3: Illustration showing the OKYUK Dehumidifier centrally placed within a home layout, demonstrating its suitability for whole-house dehumidification.

Power Connection

Plug the power cord into a standard, grounded electrical outlet (220-240V, 50Hz). Ensure the outlet matches the voltage requirements of the unit.

OPERATING INSTRUCTIONS

Initial Use

1. After plugging in, press the **Power** button to turn on the unit.
2. The digital display will show the current room humidity level.

Operating Modes

The OKYUK dehumidifier offers two primary operating modes:

- **Smart Dehumidification Mode:** In this mode, the unit automatically adjusts its operation to maintain a comfortable humidity level (typically between 45-55% RH) based on the ambient conditions. This mode is ideal for general daily use.
- **Sleep Mode:** Designed for quiet operation, this mode reduces fan speed and noise output to approximately 36 dB, making it suitable for use in bedrooms or other quiet environments. The display lights may dim or turn off in this mode.

Press the **Mode** button on the control panel to switch between these modes.



Figure 4: The OKYUK Dehumidifier operating silently in a bedroom, emphasizing its low noise level (36 dBA) for undisturbed sleep.

Setting Desired Humidity

You can manually set your desired humidity level (e.g., 30% to 50% RH) using the **Humidity Setting** buttons. The unit will operate until the desired humidity is reached, then cycle on and off to maintain it.

Timer Function

Use the **Timer** button to set a specific operating duration (e.g., 24 hours). The unit will automatically turn off or on after the set time has elapsed.

Water Tank Management

The dehumidifier features a 2.5-liter water tank. When the tank is full, the unit will automatically shut off to prevent overflow, and an indicator light will illuminate. Empty the tank and reinsert it to resume operation.

Deumidificatore ad alte prestazioni

Scopri la potenza dei nostri deumidificatori ad alte prestazioni.
Niente umidità, solo un'atmosfera piacevole.

45%RH
Nachher

Vorher
95%RH

Abdeckungsbereich:
ca. 60m²

The advertisement features a white OKYUK dehumidifier in a modern living room. A blue curved line separates the 'before' and 'after' states. On the right, a dark sofa is surrounded by water droplets and a circular graphic indicates 'Vorher 95%RH'. On the left, the dehumidifier is shown with a circular graphic indicating 'Nachher 45%RH' and green leaves blowing away from it. A blue box in the bottom right corner shows a house icon and the text 'Abdeckungsbereich: ca. 60m²'.

Figure 5: Visual representation of the dehumidifier's high performance, reducing relative humidity from 95% to 45% in a typical room setting, covering approximately 60 m².

For continuous drainage, a drain hose (not included) can be connected to the continuous drain port (refer to the diagram in the manual for location) to allow water to flow directly into a floor drain.

MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your dehumidifier.

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. Turn off and unplug the dehumidifier.
2. Locate the air filter (usually at the back or side of the unit) and gently pull it out.
3. Wash the filter with warm, soapy water. Rinse thoroughly.
4. Allow the filter to air dry completely before reinserting it into the unit. Do not use a dryer or direct heat.

Draining the Water Tank

Empty the water tank regularly. When the tank is full, the unit will stop operating and indicate that it needs to be emptied.

1. Gently pull out the water tank from the unit.
2. Pour out the collected water.
3. Clean the tank with mild detergent and water if necessary, then rinse thoroughly.
4. Reinsert the empty tank firmly into the unit until it clicks into place.

Storage

If the dehumidifier will not be used for an extended period:

- Unplug the unit and empty the water tank.
- Clean the air filter.
- Allow the unit to dry completely for at least 24 hours in a well-ventilated area to prevent mold or mildew growth.
- Store the dehumidifier in a cool, dry place, preferably in its original packaging.

TROUBLESHOOTING

Before contacting customer support, please refer to the following table for common issues and their solutions.

Problem	Possible Cause	Solution
Dehumidifier does not turn on.	No power, power cord loose, water tank full or not properly inserted.	Check power connection. Empty and reinsert water tank correctly.
No water collected or low dehumidification.	Air filter clogged, room temperature too low, humidity level already low, unit size too small for room.	Clean air filter. Ensure room temperature is above 5°C (41°F). Adjust desired humidity setting lower.
Unit is noisy.	Unit not on a level surface, air filter clogged, internal components vibrating.	Place on a level surface. Clean air filter. If noise persists, contact support.

Problem	Possible Cause	Solution
Frost on coils.	Room temperature too low.	The unit has an automatic defrost function. If frost persists, increase room temperature or turn off the unit to allow defrosting.
Unpleasant odor.	Dirty air filter, stagnant water in tank.	Clean air filter. Empty and clean water tank thoroughly.

SPECIFICATIONS

Feature	Value
Model Number	PD12R-03BE
Dehumidification Capacity	12 Liters/day
Coverage Area	Up to 40 m ² (approx. 430 sq ft)
Water Tank Capacity	2.5 Liters
Power Consumption	190 Watts
Noise Level (Sleep Mode)	36 dB
Dimensions (L x W x H)	17 x 29 x 41.5 cm (6.7 x 11.4 x 16.3 inches)
Weight	7.5 kg (16.5 lbs)
Material	Acrylonitrile Butadiene Styrene (ABS)
Number of Speeds	2
Special Features	Silent operation, Automatic shut-off, Automatic defrost, Digital display, Removable tank, 360-degree wheels



Figure 6: Diagram illustrating the dimensions of the OKYUK Dehumidifier: 415mm height, 290mm width, and 170mm depth.

WARRANTY AND SUPPORT

OKYUK products are manufactured to the highest quality standards. For warranty information, technical support, or service inquiries, please refer to the contact details provided on the product packaging or the official OKYUK website. Please have your model number (PD12R-03BE) and purchase date ready when contacting support.

