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iOCHOW B091K8QY2R

iOCHOW Compressor Dehumidifier

Model: B091K8QY2R

1. Introduction

Thank you for purchasing the iOCHOW Compressor Dehumidifier. This appliance is designed to efficiently remove excess moisture from your environment, helping to prevent mold and mildew growth, and can also be used for drying clothes. Please read this manual thoroughly before use to ensure safe and optimal operation. Keep this manual for future reference.



Image 1.1: iOCHOW Dehumidifier highlighting its 4L water tank capacity, 27L/day dehumidification, and automatic shut-off feature.

2. Safety Instructions

To reduce the risk of fire, electric shock, or injury, always follow these basic precautions:

- Ensure the power supply matches the voltage specified on the rating label.
- Do not operate the unit with a damaged cord or plug.
- Do not block the air inlet or outlet.
- Keep the unit upright during operation and transport.
- Do not insert objects into the unit openings.
- Unplug the unit before cleaning or maintenance.
- Do not use the unit near flammable gases or combustible materials.
- This appliance is for indoor use only.

3. Product Overview

3.1 Components

- Control Panel
- Air Outlet
- Air Inlet / Filter
- Water Tank
- Continuous Drain Port
- Handle
- Casters



Image 3.1: The dehumidifier features a convenient handle for portability and casters for easy movement.

3.2 Internal Technology

The iOCHOW dehumidifier utilizes advanced components for efficient and quiet operation:

- **Double Copper Condenser:** Features vertical exhaust design for low wind resistance and reduced noise.
- **High-Precision Original Motor:** Ensures excellent dehumidification performance with low noise (approx. 35dB).
- **High-Speed Booster Wheel:** Operates uniformly for precise and efficient dehumidification, contributing to energy saving.
- **Damp Compressor:** Provides powerful dehumidification across a wide temperature range (5-38°C), increasing efficiency by 30%.



Image 3.2: Internal components illustrating the advanced technology for efficient dehumidification.

4. Setup

4.1 Unpacking

1. Carefully remove the dehumidifier from its packaging.
2. Remove all packing materials and ensure no components are missing or damaged.

4.2 Placement

- Place the unit on a firm, level surface.
- Ensure there is at least 20 cm (8 inches) of space around the unit for proper airflow.
- Avoid placing the unit near heat sources or in direct sunlight.

4.3 Initial Use

Before plugging in, allow the unit to stand upright for at least 2 hours if it was not transported in an upright position.

5. Operating Instructions

5.1 Control Panel Functions



Image 5.1: Control panel displaying icons for various functions including constant humidity, timer, auto-stop, and auto-defrost.

- **Power Button:** Turns the unit ON or OFF.
- **Humidity Setting:** Adjusts the desired humidity level. The unit will operate until the target humidity is reached.
- **Fan Speed:** Selects between two fan speed modes (High/Low).
- **Timer Button:** Sets the ON/OFF timer for scheduled operation (up to 24 hours).
- **Mode Selection:** Cycles through different operating modes, including continuous dehumidification and clothes drying.

5.2 Dehumidification

1. Plug the unit into a suitable power outlet.
2. Press the Power Button to turn on the dehumidifier.
3. Use the Humidity Setting to select your desired humidity level. The unit will automatically maintain this level.

4. Adjust the Fan Speed as needed.

5.3 Clothes Drying Function

The unit can be used to dry clothes indoors, especially during humid seasons.

1. Hang laundry in a small, enclosed room with good air circulation.
2. Place the dehumidifier in the room, ensuring the air outlet is not obstructed.
3. Select the Clothes Drying mode (if available) or set to continuous dehumidification.



Image 5.2: The dehumidifier effectively dries clothes indoors, preventing dampness and odors.

5.4 Continuous Drainage

For continuous operation without emptying the water tank, connect a drain hose:

1. Locate the continuous drain port on the back of the unit.
2. Connect a suitable drain hose (not included) to the port.
3. Ensure the hose is directed downwards to a floor drain or a larger container, allowing gravity to drain the water.



Image 5.3: Details of the continuous drain port, removable filter, and water tank handle.

6. Maintenance

6.1 Emptying the Water Tank

When the water tank is full, the unit will automatically stop, and an indicator light will illuminate with an audible alert. To empty:

1. Gently pull out the water tank using its handle.
2. Pour out the collected water.
3. Slide the water tank back into the unit until it clicks into place.



Image 6.1: The water tank features a handle for easy removal and emptying.

6.2 Cleaning the Air Filter

The air filter should be cleaned regularly (every 2-4 weeks) to maintain efficiency.

1. Turn off and unplug the unit.
2. Remove the air filter from the back or side of the unit.
3. Wash the filter with warm, soapy water. Rinse thoroughly and allow it to air dry completely before reinserting.

6.3 Internal Drying Function

To prevent mold growth inside the unit, especially after prolonged use or before storage, activate the internal drying function. Refer to the control panel section for specific instructions on activating this feature.

7. Troubleshooting

Problem	Possible Cause	Solution
Unit does not turn on	No power; Power cord not plugged in; Water tank full or incorrectly inserted.	Check power connection; Empty and reinsert water tank correctly.
No dehumidification	Air filter clogged; Room temperature too low; Humidity setting too high.	Clean air filter; Ensure room temperature is above 5°C; Lower humidity setting.
Unit is noisy	Unit not on a level surface; Air filter clogged.	Place on a flat surface; Clean air filter.
Water leaks	Water tank not properly inserted; Continuous drain hose loose or blocked.	Reinsert water tank; Check and secure drain hose.

8. Specifications

Feature	Detail
Model Number	B091K8QY2R
Brand	iOCHOW
Dehumidification Capacity (Max)	27 L/day (at 30°C, 80% RH)

Feature	Detail
Dehumidification Capacity (Standard)	15/16 L/day (at 27℃, 60% RH, 50/60Hz)
Applicable Area (Approx.)	30-70 m² (Up to 35 tatami mats for wooden, 45 tatami mats for reinforced concrete)
Water Tank Capacity	Approx. 4 L
Dimensions (W x D x H)	Approx. 33 x 25 x 51 cm
Weight	Approx. 14.35 kg
Noise Level	Approx. 35 dB
Other Functions	Timer, Automatic Shut-off, Continuous Drainage, Internal Drying, Automatic Defrost



Image 8.1: Product dimensions for placement reference.

9. Warranty and Support

For warranty information or technical support, please refer to the contact details provided with your purchase documentation or visit the official iOCHOW website. Keep your proof of purchase for warranty claims.

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Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Answered questions about this manual

The top part of the water tank handle on my iOCHOW B091K8QY2R dehumidifier has broken off and the full-tank sensor is missing. Where can I purchase a replacement water tank?

To purchase a replacement water tank for your iOCHOW B091K8QY2R dehumidifier, you should follow these steps: Contact iOCHOW Support: The most reliable way to get genuine replacement parts (including the tank and the specific...

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