

IRIS OHYAMA IJC-M120

IRIS OHYAMA IJC-M120 Compressor Dehumidifier

User Manual

1. INTRODUCTION AND SAFETY PRECAUTIONS

Thank you for purchasing the IRIS OHYAMA IJC-M120 Compressor Dehumidifier. This manual provides important information for the safe and efficient use of your appliance. Please read it thoroughly before operation and keep it for future reference.

Important Safety Information

Always observe the following safety precautions to prevent accidents, injury, or damage to the product. Failure to follow these instructions may result in electric shock, fire, or other hazards.

- Ensure the power supply matches the unit's specifications (AC100V, 50/60Hz).
- Do not operate the unit with a damaged power cord or plug.
- Keep the unit away from water and do not immerse it in liquids.
- Do not block the air inlet or outlet vents.
- Do not insert objects into the unit.
- Unplug the unit before cleaning or maintenance.
- Keep out of reach of children. Use the child lock feature when necessary.
- When moving the unit, especially over uneven surfaces or long-pile carpets, lift it using the handle to prevent damage to the casters or floor.

Refer to the full instruction manual for a complete list of safety warnings.

2. PRODUCT FEATURES

The IRIS OHYAMA IJC-M120 is a high-performance compressor-type dehumidifier with advanced features for effective moisture control and clothes drying.

Powerful Dehumidification

This unit boasts a powerful dehumidification capacity of 12 liters per day. This rating is based on continuous operation at 27°C (80.6°F) and 60% relative humidity, as per JEMA standards.

パワフル除湿



除湿能力※
約**12**L/日

なんと

500mlペットボトル

約**24**本分

1日の最大除湿能力は500mlのペットボトル24本分。
空気中の湿気をグングン除湿します。

※定格除湿能力は、室温27℃、相対湿度60%を維持し続けた時の1日（24時間）あたりの除湿量です。

Image: Illustrates the 12L/day dehumidification capacity, showing it's equivalent to 24 500ml plastic bottles of water.

Wide Coverage Area

The IJC-M120 can effectively dehumidify various room types and sizes, up to approximately 30 tatami mats (50m² for reinforced concrete, 38m² for prefabricated housing, 25m² for wooden housing).

最大30畳除湿※

リビングから寝室まで
どんなお部屋も
しっかり除湿します。



除湿可能面積の目安

鉄筋コンクリート
約30畳

プレハブ住宅
約23畳

木造住宅
約15畳

※除湿可能面積の目安は、JEMA（（一社）日本電機工業会）規格に基づいた数値です。

Image: Shows the dehumidifier in a living room setting, indicating its suitability for various room sizes from living rooms to bedrooms.

Large Water Tank & Continuous Drainage

Equipped with a 4-liter water tank, the unit reduces the frequency of emptying. The tank features an easy-to-open drainage port and a convenient handle for removal. For continuous operation without monitoring the tank, a commercially available hose (inner diameter $\phi 15\text{mm}$, outer diameter $\phi 20\text{mm}$ or less) can be connected for direct drainage.

水タンク容量4L



大容量の水タンクなので排水の手間が少なくすみます。
端だけ開く排水口でかんたんに排水できます。



取り出しやすい
取っ手付き。



市販のホース※を
接続すれば、
タンク容量を気にせず
除湿運転することが
できます。

※ホースは内径φ15mm、外径φ20mm以内のものを使用してください。

Image: Demonstrates the easy removal and emptying of the 4L water tank, and the option for connecting a continuous drainage hose.

Energy-Efficient Compressor Type

The compressor dehumidification method cools the air to condense moisture, offering powerful dehumidification with lower power consumption, leading to energy savings.

Dehumidification Modes

The unit offers four dehumidification modes: Strong, Medium, Weak, and Auto. In Auto mode, the unit dehumidifies if room humidity is above 55% and switches to fan-only operation if it's below 55%.



Image: Illustrates the four dehumidification strength modes, including an automatic setting.

Clothes Drying Function

Utilize the dedicated clothes drying function to quickly dry laundry indoors. The fan strength can be adjusted to optimize drying performance.



Image: Shows the clothes drying function with different fan strength settings.

除湿機で

衣類乾燥時間 短縮！

部屋干し臭やカビ発生のリスクも抑制。
時短で家事がグッと楽に！



例えば… 約2kgの洗濯物の場合

自然
乾燥

570分 およそ10時間…！



コンプレッサー式 IJC-H65

110分

衣類乾燥モード

乾燥時間

約1/5



サーキュレーター付き IJD-I50

95分

送風（サーキュレーター）
＋除湿運転で

乾燥時間

約1/6

※日本電機工業会自主基準（JEMA-HD090:2017）に基づき以下の条件のもとで
試験を行った値【試験条件】●部屋の広さ6畳相当●室温20℃、湿度70℃（梅雨時）

Image: Compares drying times, showing the dehumidifier significantly reduces the time needed for clothes to dry indoors.

Adjustable Louvers

The unit features automatic up/down louver swing for wide air distribution. The left/right louvers can be manually adjusted to direct airflow as needed.



Image: Details the automatic vertical louver swing and manual horizontal louver adjustment.

Convenient Functions

- **Timer:** Set the unit to stop operation after 2, 4, or 6 hours.
- **Environmental Humidity Lamp:** A 5-stage indicator displays the current room humidity level.
- **Internal Drying Function:** Activates the fan to dry the internal components of the unit, preventing mold and odors.
- **Full Tank Lamp:** Illuminates to indicate when the water tank is full and needs to be emptied.
- **Child Lock:** Prevents accidental operation by children.
- **Automatic Defrost:** Automatically removes frost from the internal cooling coils to maintain efficiency.

Easy Mobility

The unit is equipped with casters on the bottom, allowing for easy horizontal movement without lifting. For movement in other directions or over delicate surfaces, use the integrated handle to lift the unit.



Image: A person easily moving the dehumidifier across a floor using its built-in casters.

3. SETUP

Follow these steps to set up your IRIS OHYAMA IJC-M120 dehumidifier:

1. **Unpacking:** Carefully remove the dehumidifier from its packaging. Retain all packaging materials for future transport or storage.
2. **Placement:** Place the unit on a firm, level surface. Ensure there is at least 20 cm (8 inches) of clear space around the air inlet and outlet vents for optimal airflow. Avoid placing it near heat sources, in direct sunlight, or in areas with excessive dust.
3. **Power Connection:** Plug the power cord into a grounded electrical outlet. Ensure the voltage matches the unit's requirements (AC100V).
4. **Water Tank:** Ensure the water tank is correctly inserted into the unit.
5. **Continuous Drainage (Optional):** If using continuous drainage, connect a suitable hose to the drainage port at the back of the unit. Ensure the hose is sloped downwards to allow water to drain freely into a floor drain or larger container.

4. OPERATING INSTRUCTIONS

Familiarize yourself with the control panel and operating modes.

Control Panel Overview

The control panel is located on the top of the unit and includes buttons for Power, Mode Selection, Timer,

and Clothes Drying, along with indicator lights.

Starting and Stopping Operation

- **To Start:** Press the Power button. The unit will start in the last used mode or default to Auto Dehumidification.
- **To Stop:** Press the Power button again.

Selecting Dehumidification Mode

Press the 'Dehumidification Mode' button repeatedly to cycle through the available modes:

- **Auto:** Automatically adjusts dehumidification based on room humidity (target 55%).
- **Strong:** Maximum dehumidification power.
- **Medium:** Moderate dehumidification.
- **Weak:** Gentle dehumidification.

Using the Clothes Drying Function

Press the 'Clothes Drying' button to activate this mode. Press again to cycle through fan strength settings (e.g., Quick Dry, Standard, Gentle).

Setting the Timer

Press the 'Timer' button to set the operating duration. Each press cycles through 2 hours, 4 hours, 6 hours, and Off. The unit will automatically shut off after the selected time.

Adjusting Louvers

- **Up/Down Louvers:** Press the 'Swing' button to activate automatic up/down louver movement. Press again to stop the swing at the desired angle.
- **Left/Right Louvers:** Manually adjust the left and right louvers to direct airflow.

Child Lock

To activate the child lock, press and hold the designated button (refer to the control panel diagram in your printed manual) for a few seconds until the indicator light appears. Repeat to deactivate.

5. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your dehumidifier.

Cleaning the Air Filter

- The air filter should be cleaned every two weeks or more frequently depending on usage.
- Unplug the unit before cleaning.
- Remove the air filter from the back of the unit.
- Use a vacuum cleaner to remove dust. If heavily soiled, wash with lukewarm water and mild detergent. Rinse thoroughly and allow to air dry completely before reinserting.

Emptying the Water Tank

- When the 'Full Tank' indicator illuminates, the unit will stop operating.
- Carefully remove the water tank using its handle.

- Empty the collected water.
- Reinsert the water tank firmly until it clicks into place.

Cleaning the Unit Exterior

- Wipe the exterior with a soft, damp cloth. Do not use abrasive cleaners, solvents, or harsh chemicals.
- Ensure no water enters the control panel or other electrical components.

Internal Drying Function

After extended use, activate the internal drying function to prevent mold and odors inside the unit. Refer to the operating instructions for how to activate this feature.

6. TROUBLESHOOTING

If you encounter issues with your dehumidifier, refer to the following common problems and solutions. If the problem persists, contact customer support.

Problem	Possible Cause	Solution
Unit does not turn on.	No power, power cord loose, child lock active.	Check power connection, ensure outlet is working, deactivate child lock.
No dehumidification.	Water tank full, air filter clogged, room humidity too low (in Auto mode).	Empty water tank, clean air filter, select a different mode if humidity is low.
Unit is noisy.	Unit not on a level surface, air filter clogged.	Place on a flat surface, clean air filter.
Water leaks from the unit.	Water tank not properly inserted, continuous drainage hose improperly connected or blocked.	Ensure water tank is secure, check continuous drainage hose for proper connection and clear path.
Airflow is weak.	Air filter clogged, air inlet/outlet blocked.	Clean air filter, ensure vents are clear.

7. SPECIFICATIONS

Feature	Specification
Model Number	IJC-M120
Product Dimensions (W x D x H)	Approx. 32.6 x 26.0 x 61.8 cm
Product Weight	Approx. 14 kg
Power Supply	AC100V (50/60Hz)
Rated Power Consumption (50/60Hz)	265W / 300W
Rated Dehumidification Capacity	12 L/day (at 27°C, 60% RH)

Feature	Specification
Dehumidification Area ()	Wooden: 15 tatami (25m ²) Prefabricated: 23 tatami (38m ²) Reinforced Concrete: 30 tatami (50m ²)
Water Tank Capacity	Approx. 4 L (with auto-stop)
Power Cord Length	Approx. 2 m
Control Type	Button Control
Number of Speeds	3

8. WARRANTY AND SUPPORT

This product comes with a manufacturer's warranty. Please refer to the warranty card included with your purchase for specific terms and conditions.

Warranty Period

The warranty period for this product is one (1) year from the date of purchase.

Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty claims, please contact IRIS OHYAMA customer support. Contact information can be found on the official IRIS OHYAMA website or your purchase documentation.