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> IRIS OHYAMA Circulator DC Motor 32 Tatami 360° Airflow PCF-CD15TECA-W Instruction Manual

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IRIS OHYAMA Circulator DC Motor PCF-CD15TECA-W Instruction Manual

Model: PCF-CD15TECA-W

1. PRODUCT OVERVIEW

This IRIS OHYAMA WOOZOO Circulator features a DC motor, 360° airflow, and is designed for efficient air circulation in rooms up to 32 tatami mats. It offers quiet operation, energy efficiency, and easy maintenance with full disassembly for cleaning. This manual provides essential information for safe and effective use of your circulator.



Image: The IRIS OHYAMA WOOZOO Circulator in white, shown with its remote control.

2. KEY FEATURES

- **360° Airflow:** Distributes air widely throughout the room, enhancing air conditioner efficiency.
- **Targeted Airflow for Clothes Drying:** Adjustable oscillation angles (6 horizontal, 4 vertical) allow precise airflow for efficient clothes drying.
- **Powerful Airflow:** Reaches up to 23 meters, effectively circulating air even in large living spaces.
- **Quiet Operation:** Operates as quietly as 20dB (at air volume level 1), ensuring minimal disturbance during rest.
- **Energy-Saving DC Motor:** Consumes less power compared to traditional AC motors, reducing electricity costs over long periods of use.
- **Full Disassembly for Easy Cleaning:** Designed for tool-free disassembly, allowing all parts to be washed with water for thorough cleaning.

360°送風で広い部屋も快適に

全方向に広がる風で、エアコン効率もアップ。
部屋のどこにいても快適な空気を感じられる。



対応畳数 | 32畳

8段階風量調節

Image: Circulator operating in a living room, demonstrating wide 360-degree airflow.

狙い撃ち送風

左右4段階、上下6段階の首振り範囲の調節により、衣類や人にピンポイントで効率的に送風できる。



Image: Circulator positioned to direct airflow towards clothes on a drying rack, enhancing drying efficiency.

23m パワフル送風

最大到達距離23mのパワフル送風。
広いリビングでも効率的に空気を循環させる。



Image: A visual representation of the circulator's powerful airflow reaching a distance of 23 meters.

静音

静音20dBでおやすみ中も気にならない。

図書館よりも静かな

20dB

※風量1の場合

騒音の目安

30dB・・・ホテルの室内 40dB・・・図書館の館内

Image: Circulator operating quietly in a bedroom, illustrating its low noise level of 20dB.

3. SETUP

The IRIS OHYAMA Circulator is designed for immediate use with minimal setup. Please follow these steps:

1. **Unpacking:** Carefully remove the circulator and all accessories from the packaging.
2. **Placement:** Place the unit on a stable, flat, and level surface to ensure proper operation and prevent tipping. Ensure there is adequate space around the unit for optimal airflow.
3. **Power Connection:** Connect the AC adapter to the power input port on the back of the circulator. Then, plug the AC adapter into a standard electrical outlet.
4. **Initial Check:** Before turning on, ensure no foreign objects are obstructing the front or rear guards.

No complex assembly is required for the main unit.

4. OPERATING INSTRUCTIONS

The circulator can be operated using the touch control panel on the unit's base or the included remote control.

4.1 Control Panel and Remote Control

お手入れ方法



Image: A close-up showing the circulator's control panel with touch buttons and the remote control with its various functions.

- **Power On/Off:** Press the power button () on the control panel or remote to turn the unit on or off.
- **Air Volume Adjustment:** The circulator offers 8 levels of air volume. Use the '+' and '-' buttons on the remote or the corresponding icons on the control panel to increase or decrease the fan speed.
- **Oscillation Settings:**
 - **Horizontal Oscillation:** Select from 60°, 90°, 180°, or 360° rotation.
 - **Vertical Oscillation:** Adjust within a 0-90° range across 6 patterns.

広範囲に風を送り出すことで、室温を均一に保てる。



Image: A diagram illustrating the circulator's comprehensive oscillation, including 360-degree horizontal and 90-degree vertical movement.

4.2 Timer Function

Set the timer for 2, 4, 6, or 8 hours. The unit will automatically turn off after the selected duration. This function is primarily controlled via the remote.

4.3 Special Modes (Remote Control Only)



Image: Diagrams illustrating the operational patterns of Sleep mode (gradual fan speed reduction) and Rhythm mode (natural breeze simulation).

- **Sleep Mode:** The air volume gradually decreases every 30 minutes until it reaches level 1, then continues operating at level 1.
- **Rhythm Mode:** Simulates a natural breeze by varying the air intensity, providing a more comfortable airflow.
- **Mute/Light Settings:** The remote control allows you to mute operational sounds and turn off the display lights for undisturbed sleep.

5. MAINTENANCE

Regular cleaning is crucial for maintaining the circulator's performance and extending its lifespan. The IRIS OHYAMA Circulator is designed for easy, tool-free disassembly for thorough cleaning.

5.1 Disassembly Steps

省エネ

DCモーターは、従来のACモーターに比べて消費電力が少なく、長時間使用しても電気代を抑えることができる。



[ACサーキュレーターとDCサーキュレーター]
5年間使用時の電気代比較

ACモーター [PCF-SC15T-EC]	DCモーター [当製品]
 16,746円	 9,957円

約40%
電気代節約

5年間で**6,789円**お得!

※本製品 (PCF-CD15TECA:消費電力22W) とACモーター搭載機(PCF-SC15T-EC:消費電力37W) と比較。1日8時間を5年間運転した場合。【2023年7月改定】電気料金目安単価31円/kWh (税込) で算出。

Image: A visual guide demonstrating the tool-free disassembly of the circulator, showing the removal of the front guard, rear guard, and fan blades.

1. **Unplug the Unit:** Always ensure the circulator is unplugged from the power outlet before attempting any cleaning or maintenance.
2. **Remove Front Guard:** Gently twist or unclip the front guard to remove it.
3. **Remove Rear Guard:** Similarly, remove the rear guard.

4. **Detach Fan Blades:** Carefully detach the fan blades from the motor shaft.

5.2 Cleaning Components



Image: A sequence of images showing the cleaning process, including wiping the main unit and washing the removable guards and fan blades under running water.

- **Guards and Blades:** These parts are washable with water. Use a soft cloth or sponge with mild detergent if necessary. Rinse thoroughly under running water and ensure they are completely dry before reassembly.
- **Main Unit:** Wipe the main unit with a dry or slightly damp cloth. Do not immerse the main unit in water or spray cleaning solutions directly onto it.
- **Reassembly:** Once all parts are clean and dry, reassemble them in reverse order of disassembly. Ensure all parts are securely fastened before plugging in the unit.

6. TROUBLESHOOTING

If you encounter any issues with your circulator, please refer to the following common problems and solutions before contacting customer support.

Problem	Possible Cause	Solution
Unit does not turn on.	Power cord not properly connected. Power outlet is not functioning. Remote control batteries are low.	Check if the power cord is securely plugged into both the unit and the outlet. Try plugging another appliance into the outlet to verify it works. Replace the batteries in the remote control.
Weak or no airflow.	Air intake or outlet is blocked. Fan blades are dirty.	Ensure there are no obstructions around the air intake or outlet. Clean the fan blades and guards as described in the Maintenance section.
Unusual noise during operation.	Unit is not placed on a stable surface. Foreign object inside the unit.	Place the circulator on a flat, stable surface. Unplug the unit and check for any foreign objects inside the guards or around the fan blades. Remove carefully if found.

Problem	Possible Cause	Solution
Oscillation is not working.	Obstruction preventing movement. Oscillation mechanism issue.	Check for any physical obstructions around the base or head of the unit. If the issue persists after checking for obstructions, contact customer support.

7. PRODUCT SPECIFICATIONS



Image: A visual representation of the circulator's dimensions and a summary table of its technical specifications.

Feature	Detail
Model Number	PCF-CD15TECA-W
Power Supply (AC Adapter)	Input: AC100-240V, Output: DC24V 1.5A
Rated Frequency	50/60Hz
Rated Power Consumption	22W
Applicable Floor Area (Approx.)	32 Tatami Mats
Product Dimensions (cm)	Approx. 19.5 (W) x 19.5 (D) x 32.5 (H) (excluding AC adapter cord)
Product Weight	Approx. 2.0 kg
Cord Length	Approx. 1.8m
Air Volume Levels	8 levels
Oscillation	Left/Right (60°/90°/180°/360°), Up/Down (6 patterns within 0-90° range)
Timer	2/4/6/8 hours auto-off
Remote Control Functions	Operation mode selection (Sleep, Rhythm), Mute/Light settings, Timer settings, Airflow direction adjustment.

Feature	Detail
Country of Manufacture	China

8. WARRANTY INFORMATION AND CUSTOMER SUPPORT

This IRIS OHYAMA Circulator comes with a **1-year warranty** from the date of purchase. This warranty covers manufacturing defects under normal use. Please retain your proof of purchase (receipt or invoice) as it is required for any warranty claims. The warranty does not cover damage resulting from misuse, accidents, unauthorized repairs, or normal wear and tear of consumable parts.

For technical support, service, or warranty inquiries, please contact IRIS OHYAMA customer service. Contact information can typically be found in the product packaging or on the official IRIS OHYAMA website.

You can also visit the official IRIS OHYAMA Brand Store on Amazon for more information and support:

[Visit the IRIS OHYAMA Brand Store](#)