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› TOYOTOMI Portable Hot and Cold Spot Air Conditioner TAD-22FW(W) User Manual

TOYOTOMI TAD-22FW

TOYOTOMI Portable Hot and Cold Spot Air Conditioner TAD-22FW(W) User Manual

Model: TAD-22FW

1. INTRODUCTION

The TOYOTOMI TAD-22FW(W) is a versatile portable air conditioner designed to provide both cooling and heating functions, along with dehumidification and fan-only modes. Its portable design with casters allows for easy relocation, making it suitable for various spaces where traditional air conditioning installation is not feasible. This unit is equipped with a simple window panel for efficient exhaust heat management and a remote control for convenient operation.



Image 1: The TOYOTOMI TAD-22FW(W) portable air conditioner in a garage setting, highlighting its mobility and all-season use.

TAD-22FW

使用場所: 屋内・準屋内 リモコン: 単4電池2本別売

オープン価格

(W)ホワイト JAN: T4963505427085



※	※	※	
冷風	温風	ドライ	送風

※室温の調節をするときや、部屋の除湿をするときは、窓パネルの設置が必要になります。

- ・パワフル冷暖運転
- ・風向無段階
- ・抗菌フィルター
- ・活性炭フィルター
- ・12時間入切タイマー
- ・ノンドレン
- ・着脱式リモコン
- ・移動用キャスター



RoHS (ローズ)
指令対応



R-410A採用

リモコン付



使用可能距離
6~7m

キャスター付



Image 2: Overview of the TAD-22FW(W) unit, detailing its modes (Cooling, Heating, Dry, Fan), remote control, and casters.

2. SAFETY INFORMATION

Please read all safety instructions carefully before operating the unit to prevent injury or damage.

- Always ensure the exhaust duct is properly attached and vented outdoors when using cooling or heating functions. Failure to do so will result in inefficient operation and may cause the room temperature to rise.
- During heating mode, the unit will produce drain water that needs to be manually managed. Prepare a low-profile tray or a commercially available drain hose for proper disposal.
- When the window panel is installed, the window cannot be opened or closed. Ensure this is acceptable for your installation location.
- Do not obstruct the air intake or exhaust vents. Maintain adequate clearance around the unit for proper airflow.
- This unit is designed for indoor use. Do not expose it to rain or moisture.

3. PACKAGE CONTENTS

Verify that all the following items are included in your package:

- TOYOTOMI TAD-22FW(W) Main Unit

- Intake Duct
- Exhaust Duct
- Resin Window Panel Set
- Drain Hose
- Activated Carbon Filter
- Remote Control (batteries not included)

付属セット

給気排気ダクト

伸縮式 約30～120cm

ダクト径

(排) 外径約13cm

(給) 外径約11cm



給気側 排気側

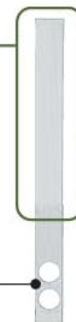
別売 延長窓パネルセット

(TAD-P22)

対応窓高さ: ~188cm

希望小売価格 2,000円(税抜)

JAN: T4963505996802 ※14270585



付属品窓パネル

窓パネル

78～140cm

窓に直接取り付ける
タイプで工事不要。



別売 雨よけカバー

(TAD-RP1 / 1ヶ入)

希望小売価格 700円(税抜)

JAN: T4963505996765 ※14270327



排水ホース

約1m

冷風／ドライ運転時の
ドレン水処理用。



別売 交換用活性炭フィルター

希望小売価格 1,500円(税抜)

JAN: T4963505996796 ※14270540

ご注意 ください

- TAD-22FWはセパレートエアコンなどと構造が異なります。簡易的な冷暖房としてご使用ください。
- 周囲温度が約12℃を下回る条件で使用の場合、内部の除霜を行うため時々送風が止まることがあります。
- 排気ダクトは必ず取り付けてご使用ください。
- 窓パネルと排気ダクトなどを使用せずに締め切った部屋で使用すると室温が上がります。

Image 3: Illustration of the included accessories: intake/exhaust ducts, resin window panel, and drain hose.

4. SETUP

4.1. Placement

Place the unit on a flat, stable surface. Ensure there is sufficient space around the unit for proper airflow. The unit is equipped with casters for easy movement.

4.2. Window Panel Installation

The included resin window panel set allows for easy installation without requiring construction. This panel is crucial for directing exhaust heat outdoors, improving cooling efficiency.

1. Adjust the window panel to fit your window opening.
2. Secure the panel in place.
3. Attach the exhaust duct to the opening in the window panel.
4. Connect the other end of the exhaust duct to the unit's exhaust port.

Note: Installation may require tools other than a screwdriver. Refer to the separate detailed instructions provided with the window panel for specific steps.

工事不要

窓パネルで簡易のエアコンにも！



排熱を室外へ出すので効率的に涼しく！
室外機を設置できないお部屋にもオススメです。

Image 4: Visual representation of the window panel installation, showing how exhaust heat is directed outside.

4.3. Drain Hose Connection (for Heating Mode)

During heating operation, the unit will produce condensate that needs to be drained. Connect the drain hose to the unit's drain outlet and direct it to a suitable drainage point or collection tray.

5. OPERATING INSTRUCTIONS

5.1. Power On/Off

Press the Power button on the control panel or remote control to turn the unit on or off.

5.2. Mode Selection

Use the Mode button to cycle through the available operating modes:

- **Cooling Mode:** Provides powerful cooling. Operating temperature range: 16-35°C.
- **Heating Mode:** Provides warmth. Operating temperature range: 12-25°C.
- **Dry Mode (Dehumidification):** Reduces humidity in the room.
- **Fan Mode:** Circulates air without cooling or heating.
- **Automatic Mode:** The unit automatically selects the appropriate mode based on the ambient temperature.

5.3. Temperature Adjustment

In Cooling or Heating mode, use the Up/Down arrow buttons on the control panel or remote control to set your desired temperature.

5.4. Timer Function

The unit features a 1 to 12-hour ON/OFF timer. This function allows you to set a specific time for the unit to turn on or off automatically. The ON and OFF timers cannot be used simultaneously.

5.5. Airflow Direction

Manually adjust the up/down airflow direction to optimize air distribution in the room.

5.6. Remote Control

The detachable remote control allows convenient operation from a distance of 6-7 meters. Ensure batteries are correctly inserted.

6. MAINTENANCE

6.1. Anti-bacterial Filter Cleaning

The unit is equipped with an anti-bacterial filter at the air intake. Regular cleaning of this filter is essential to maintain air quality and unit efficiency. Refer to the detailed cleaning instructions in the full manual.

6.2. Drainage Management

During cooling and dry modes, the unit utilizes a non-drainage mechanism that evaporates condensate using exhaust heat. However, if humidity is very high, some water may still collect. During heating mode, condensate will always be produced and requires manual drainage via the drain hose or a collection tray.

パワフル冷暖運転

※室温の調節をするときや、部屋の除湿をするときは窓パネルが必要です。

冷房 60Hz

2.2kW

除湿量 36/42L/日
(50/60Hz)

暖房 60Hz

1.9kW

ノンドレン^{※8}

冷風・ドライ時は排気熱でドレン水を蒸発させるので、水が出ません。

抗菌フィルター^{※9}

吸い込み口に抗菌フィルターを設置し、清潔に保ちます。

※8 窓パネル・排気ダクトを使用して室外に排気するか、付属の排水ホースを使用しないと部屋の温度・湿度は変わりません。温風時はドレン水を背の低い受皿やホース(市販)排水などで処理する必要があります。

※9 試験機関名：(財)日本食品分析センター、試験方法：JIS-Z2801に準拠、抗菌方法：フィルターに抗菌剤を含浸、抗菌部分の名称：抗菌フィルター、試験結果：99.9%以上の抑制を確認(1300556001-01)

Image 5: Details on power consumption, cooling/heating capacity, dehumidification, non-drainage feature, and the anti-bacterial filter.

7. TROUBLESHOOTING

If you encounter issues with your TOYOTOMI TAD-22FW(W), please refer to the following common solutions:

- **Unit not cooling/heating effectively:** Ensure the exhaust duct is securely attached and vented outdoors. Check for any gaps around the window panel and seal them if necessary. Clean the air filter.
- **Airflow stops intermittently during heating:** This is normal. If the ambient temperature drops below approximately 12°C, the unit will perform internal defrosting, temporarily pausing airflow.
- **Room temperature rises during operation:** This indicates that the exhaust heat is not being properly vented outside. Verify that the exhaust duct is correctly installed and that the unit is not operating in a completely closed room without proper ventilation.
- **Loud operating noise:** Portable air conditioners typically produce more noise than split-type units due to the compressor being integrated into the main unit. Ensure the unit is on a stable surface and not vibrating against other objects.
- **Water leakage:** Check the drain hose connection, especially during heating mode. Ensure the hose is not kinked or blocked and that the drainage point is lower than the unit's drain outlet.

If the problem persists after attempting these solutions, please contact customer support.

8. SPECIFICATIONS

Feature	Specification
Model Number	TAD-22FW(W)
Dimensions (W x H x D)	44 x 69 x 32 cm
Weight	26 kg (30800 grams)
Power Supply	AC100V 50/60Hz
Power Consumption (Cooling)	50Hz: 590W / 60Hz: 690W
Power Consumption (Heating)	50Hz: 600W / 60Hz: 730W
Cooling Capacity	50Hz: 2.0kW / 60Hz: 2.2kW
Heating Capacity	50Hz: 1.7kW / 60Hz: 1.9kW
Dehumidifying Capacity	50Hz: 36L/day / 60Hz: 42L/day
Cord Length	2.5m
Control Method	Remote Control
Special Features	Dehumidifier, Heating and Cooling functions, Portable
Country of Origin	China

9. WARRANTY AND SUPPORT

9.1. Warranty Information

This TOYOTOMI TAD-22FW(W) unit comes with a **1 Year Limited Warranty** from the date of purchase. Please retain your proof of purchase for warranty claims. The warranty covers defects in materials and workmanship under normal use.

9.2. Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty service, please contact the retailer where you purchased the product or visit the official TOYOTOMI website for support contact information.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

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