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Zstar 2024FD14K

Zstar 14,000BTU Portable Air Conditioner User Manual

Model: 2024FD14K | Brand: Zstar

1. Important Safety Information

Please read this manual carefully before operating your Zstar Portable Air Conditioner. Keep it for future reference. Always follow basic safety precautions to reduce the risk of fire, electric shock, and injury to persons.

- Ensure the unit is placed on a flat, stable surface.
- Do not operate the unit with a damaged cord or plug.
- Do not block air inlets or outlets.
- Unplug the unit before cleaning or servicing.
- Keep children and pets away from the unit during operation.

2. Package Contents

Verify that all items are included in your package:



Image: Zstar Portable Air Conditioner and its accessories, including remote control, window kit components, and exhaust hose.

- Portable Air Conditioner Unit
- Remote Control x 1
- Slide Bar (Window Kit) x 1
- Slide Bar Connector x 1
- Exhaust Hose x 1
- Exhaust Pipe Joint x 1
- Instruction Manual (this document)

3. Product Overview

3.1 Unit Components



Image: Front view of the Zstar Portable Air Conditioner and its remote control.

The Zstar Portable Air Conditioner is designed for efficient cooling, dehumidification, and fan operation. It features a compact design with caster wheels for easy mobility.

3.2 Control Panel and Remote Control



Image: Detailed view of the LED touch panel on top of the unit and the remote control, highlighting various function buttons.

The unit can be controlled via the top-mounted LED touch panel or the included remote control. Key functions include:

- **ON/OFF:** Powers the unit on or off.
- **SWING:** Activates or deactivates the automatic louver swing.
- **UP/DOWN:** Adjusts temperature settings or timer duration.
- **MODES:** Cycles through Cool, Fan, and Dehumidify modes.
- **SLEEP:** Activates sleep mode for quiet operation.
- **TIMER:** Sets the 24-hour on/off timer.
- **FAN:** Adjusts fan speed (Low/Medium/High).

4. Setup and Installation

4.1 Placement

Place the portable air conditioner on a firm, level surface in the desired room. Ensure there is at least 20 inches of space around

the unit for proper airflow.



Image: The portable AC unit shown in different environments like a bedroom, office, and dining area, highlighting its adaptability.

4.2 Window Kit Installation

To exhaust hot air, install the window kit:

1. Assemble the slide bar and slide bar connector to fit your window opening.
2. Insert the exhaust hose into the exhaust pipe joint.
3. Attach the exhaust pipe joint to the window kit.
4. Secure the window kit in the window opening, ensuring a tight seal to prevent air leakage.
5. Connect the other end of the exhaust hose to the exhaust outlet on the back of the air conditioner unit.

5. Operating Instructions

5.1 Powering On/Off

Press the **ON/OFF** button on the control panel or remote control to turn the unit on or off.

5.2 Selecting Operating Mode

Press the **MODES** button repeatedly to cycle through the available modes:

- **Cool Mode:** Provides powerful cooling for rooms up to 750 sq. ft. Adjust temperature using **UP/DOWN** buttons (61°F-88°F).

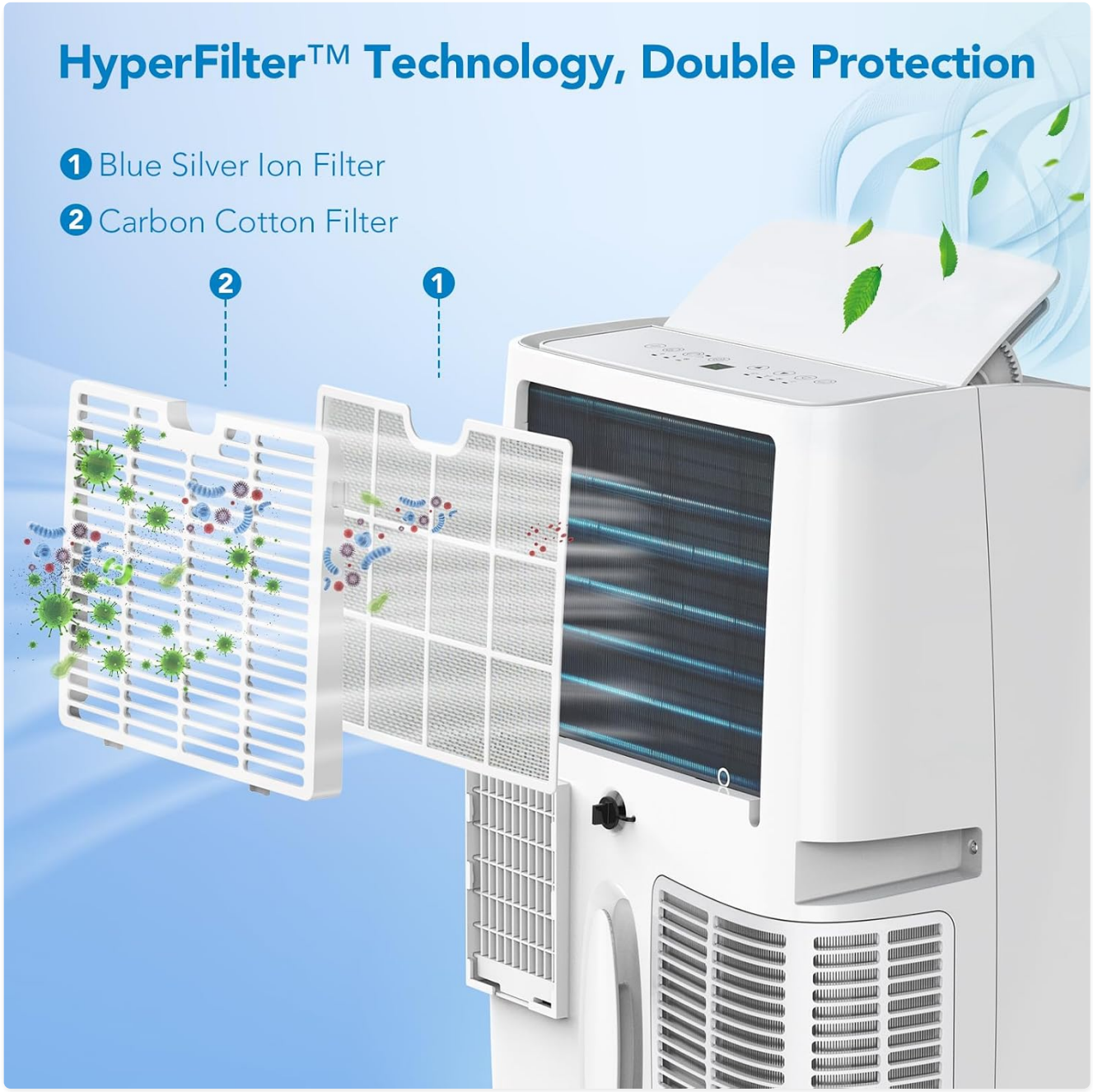


Image: The portable AC unit demonstrating its powerful cooling capacity, indicated by blue airflow.

- **Fan Mode:** Circulates air without cooling. Select fan speed (Low, Medium, High) using the **FAN** button.
- **Dehumidify Mode:** Removes excess moisture from the air, with a capacity of up to 90 pints per day.



Image: Visual representation of the unit's dehumidification effectiveness, showing a reduction in window condensation.

5.3 Timer Function

Press the **TIMER** button to set a 24-hour timer for automatic on/off operation. Use the **UP**/**DOWN** buttons to adjust the desired time.

5.4 Sleep Mode

Activate **SLEEP** mode for quieter operation and energy saving during nighttime hours. The unit operates at a low noise level (48 dB).



Image: Illustration of the unit's low noise operation, highlighting its SilenceWrap™ Technology Compressor.

6. Maintenance

6.1 Filter Cleaning

The unit is equipped with a Blue Silver Ion Filter and a Carbon Cotton Filter for double protection. Clean the filters regularly (every two weeks or as needed) to maintain optimal performance.



Image: Illustration of the dual filter system and the process of removing filters for cleaning.

1. Unplug the air conditioner from the power outlet.
2. Remove the filter cover from the back of the unit.
3. Carefully pull out the filters.
4. Wash the filters under running water or use a vacuum cleaner to remove dust.
5. Allow filters to air dry completely before reinserting.

6.2 Water Drainage

The unit features self-evaporation technology for condensed water. However, in high humidity conditions, manual drainage may be required. Refer to the drainage port location in the product diagram and drain water as needed.

7. Troubleshooting

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Unit does not turn on	No power; Plug not fully inserted; Power outage.	Check power supply; Ensure plug is secure; Check circuit breaker.
Unit not cooling effectively	Dirty air filter; Room too large; Doors/windows open; Exhaust hose not properly installed.	Clean air filter; Ensure room size is within 750 sq. ft.; Close all doors/windows; Check exhaust hose connection.
Water leakage	Drain plug not secured; Water tank full (in high humidity).	Check drain plug; Drain water manually.
Loud noise during operation	Unit not on a level surface; Obstruction in fan.	Place on a flat surface; Check for and remove any obstructions.

8. Specifications

Feature	Detail
Model Number	2024FD14K
Cooling Capacity	14,000 BTU
Coverage Area	Up to 750 sq. ft.
Modes	Cool, Fan, Dehumidify
Dehumidification Capacity	90 Pints/Day
Noise Level	48 dB
Product Dimensions (D x W x H)	17.3 x 28 x 13.2 inches
Item Weight	64 pounds
Voltage	110 Volts
Refrigerant	R 410A
Included Components	Instruction Manual, Remote

9. Warranty and Support

The Zstar Portable Air Conditioner comes with a **1-Year Limited Warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

For warranty claims, technical support, or any questions regarding your product, please contact Zstar Customer Service. Contact information can typically be found on the manufacturer's official website or through your purchase platform.

Please have your model number (2024FD14K) and proof of purchase ready when contacting support.

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