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> 4-IN-1 Portable Air Conditioner, 12,000 BTU Portable AC Unit for Room up to 700 Sq.Ft, Built-in Dehumidifier, Cool, Fan & Auto Modes, 24H Timer, Auto Swing, Remote Control & Installation Kit

advwin FDP35

advwin 4-IN-1 Portable Air Conditioner User Manual

Model: FDP35

1. INTRODUCTION

Thank you for purchasing the advwin 4-IN-1 Portable Air Conditioner. This appliance is designed to provide efficient cooling, dehumidification, and air circulation for your indoor spaces. Please read this manual thoroughly before operating the unit to ensure proper use, maintenance, and safety.

2. SAFETY INFORMATION

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and injury.

- 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 air inlets or outlets.
- Keep the unit at least 20 inches (50 cm) away from walls or other objects.
- Do not insert fingers or objects into the air outlet.
- Unplug the unit before cleaning or servicing.
- Do not use the unit in wet environments like bathrooms or laundry rooms.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

3. PRODUCT FEATURES

- **4-in-1 Functionality:** Cool, Fan, Dehumidify, and Auto modes.
- **Powerful Cooling:** 12,000 BTU capacity, suitable for rooms up to 700 sq.ft.
- **Energy Efficient:** Utilizes eco-friendly R32 refrigerant.
- **Quiet Operation:** Noise level as low as 54 dB.
- **Smart Sleep Mode:** Adjusts temperature for comfortable sleep.

- **24-Hour Timer:** Programmable on/off times.
- **Auto Swing Function:** Distributes air evenly.
- **Remote Control:** Convenient operation from a distance.
- **Easy Mobility:** Equipped with transport handle and wheels.
- **LED Display:** Clear indication of settings and temperature.

4. PACKAGE CONTENTS

Please check the package contents upon unpacking to ensure all items are present and undamaged.

- 1 x Portable Air Conditioner Unit
- 1 x Remote Control
- 1 x Air Exhaust Duct
- 1 x Connector of Air Exhaust Duct
- 1 x Window Exhaust Adapter
- 1 x Baffle Plate (Window Seal Kit)
- 1 x User Manual (This document)



Figure 4.1: Included components and product dimensions (13.2"D x 17.3"W x 28"H).

5. SPECIFICATIONS

Feature	Specification
Model	FDP35
Cooling Capacity	12,000 BTU/H
Voltage/Frequency	AC120V/60Hz
Noise Level	<54 dB
Timer Range	0-24 Hours
Refrigerant	R32
Remote Control Range	19.7 feet
Item Dimensions (L x W x H)	17.3 x 13.2 x 28.0 inches
Item Weight	65 pounds
Material	ABS, IRON

6. SETUP AND INSTALLATION

6.1 Choosing a Location

Place the unit on a flat, stable surface. Ensure there is at least 20 inches (50 cm) of clear space around the unit for proper airflow. The unit must be near a window for exhaust hose installation.

6.2 Exhaust Hose Installation

1. Screw the connector of the air exhaust duct onto one end of the air exhaust duct.
2. Attach the window exhaust adapter to the other end of the air exhaust duct.
3. Insert the connector end of the exhaust duct into the exhaust port on the back of the air conditioner unit.
4. Adjust the baffle plate (window seal kit) to fit your window opening. Secure it in place.
5. Insert the window exhaust adapter into the opening of the baffle plate, ensuring a tight seal to prevent hot air from re-entering the room.



Figure 6.1: Exhaust hose connected to the unit and extended towards a window.



Figure 6.2: The window kit is designed for compatibility with both sliding and double-hung windows.

6.3 Power Connection

Plug the power cord into a grounded 120V/60Hz electrical outlet. Do not use extension cords or power strips.

7. OPERATING INSTRUCTIONS

The unit can be operated using the control panel on top of the unit or the included remote control.



Figure 7.1: Top control panel with LED display and function buttons.



Figure 7.2: The unit can be controlled via the included remote control.

7.1 Control Panel and Remote Functions

- **ON/OFF Button:** Powers the unit on or off.
- **MODE Button:** Cycles through Cool, Fan, Dehumidify, and Auto modes.
- **FAN Speed Button:** Adjusts fan speed (Low, Medium, High).
- **TEMP +/- Buttons:** Adjusts desired temperature (59°F-88°F) in Cool mode or sets timer.
- **TIMER Button:** Sets the 24-hour on/off timer.
- **SLEEP Button:** Activates sleep mode for quiet, energy-efficient operation.
- **SWING Button:** Activates or deactivates the automatic air swing function.

7.2 Operating Modes

- **Cool Mode:** Provides powerful cooling. Set desired temperature using +/- buttons.
- **Fan Mode:** Circulates air without cooling. Adjust fan speed as desired.
- **Dehumidify Mode:** Removes excess moisture from the air. The fan speed is fixed to low in this mode.

- **Auto Mode:** The unit automatically selects the operating mode (Cool, Fan, or Dehumidify) based on the ambient room temperature.

7.3 Timer Function

Press the TIMER button to set the desired operating duration (1-24 hours). The unit will automatically turn off or on after the set time.

7.4 Sleep Mode

In Cool mode, press the SLEEP button. The unit will operate quietly, and the set temperature will gradually increase by 1°F after 1 hour, and another 1°F after 2 hours, maintaining a comfortable sleeping environment.

8. MAINTENANCE

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

8.1 Cleaning the Air Filter

The air filter should be cleaned every two weeks or more frequently depending on usage and air quality.

1. Unplug the unit from the power outlet.
2. Locate the air filter panel on the back of the unit (refer to Figure 8.1).
3. Remove the filter by gently pulling it out.
4. Wash the filter with warm, soapy water. Rinse thoroughly.
5. Allow the filter to air dry completely before reinserting it. Do not expose to direct sunlight.
6. Reinstall the dry filter into the unit.



Figure 8.1: Rear view of the unit, highlighting the air filter access panel.

8.2 Draining Water

The unit has an internal water collection tank. When the tank is full, the unit will stop operating and display an error code (e.g., "FL").

- 1. Unplug the unit.
- 2. Place a shallow pan or tray under the drain port at the bottom rear of the unit.
- 3. Remove the drain plug to allow water to flow out.
- 4. Once drained, replace the drain plug securely.

8.3 Storage

If storing the unit for an extended period:

- Drain all accumulated water.
- Clean the air filter.
- Run the unit in Fan mode for a few hours to dry the internal components.
- Unplug the power cord and coil it neatly.
- Store the unit in a cool, dry place, away from direct sunlight and extreme temperatures.

9. TROUBLESHOOTING

Before contacting customer support, please refer to the following troubleshooting guide for common issues.

Problem	Possible Cause	Solution
Unit does not turn on.	No power; Power cord not plugged in; Circuit breaker tripped.	Ensure unit is plugged in; Check power outlet; Reset circuit breaker.
Unit is not cooling effectively.	Air filter is dirty; Exhaust hose not properly installed; Room too large; Doors/windows open.	Clean air filter; Ensure exhaust hose is sealed; Close doors/windows; Consider room size.
Unit displays "FL" (Full Water).	Water tank is full.	Drain the water from the unit.
Unit is noisy.	Unit not on a flat surface; Air filter dirty; Obstruction in fan.	Place on flat surface; Clean air filter; Check for obstructions.
Remote control not working.	Batteries are dead; Obstruction between remote and unit.	Replace batteries; Remove obstructions; Ensure remote is pointed at unit.

10. WARRANTY AND CUSTOMER SUPPORT

For warranty information or technical assistance, please contact advwin customer support. Details regarding your product's specific warranty period and terms can typically be found on the product packaging or the official advwin website.

For further assistance, please visit the advwin store on Amazon: [advwin Store](#)



