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Frigidaire FHPC132AB1

Frigidaire Portable Air Conditioner User Manual

Model: FHPC132AB1

Brand: Frigidaire

Introduction

This manual provides detailed instructions for the safe and efficient operation of your Frigidaire Portable Air Conditioner. Please read this manual thoroughly before using your appliance and retain it for future reference.
The Frigidaire Portable Air Conditioner is designed to maintain a comfortable preset room temperature. It offers flexible cooling options with three different fan speeds and includes a remote control for convenient temperature and fan speed adjustments. The built-in timer allows for customized operation schedules, ensuring comfort when you need it most.

Safety Information

WARNING: To reduce the risk of fire, electrical shock, or injury when using your air conditioner, follow these basic precautions:

- Read all instructions before using this appliance.
- Plug into a grounded 3-prong outlet. Do not remove the grounding prong.
- Do not use an adapter or extension cord.
- Do not operate any air conditioner with a damaged cord or plug.
- Do not block air openings.
- Do not use in wet areas like bathrooms or laundry rooms.
- Always turn off and unplug the unit before cleaning or servicing.
- Keep flammable materials and vapors away from the air conditioner.
- 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.

Product Overview

The Frigidaire Portable Air Conditioner (Model FHPC132AB1) is a compact and efficient cooling solution designed for various room sizes. Its portable design with four wheels allows for easy movement between rooms.


FRIGIDAIRE

Figure 1: Front view of the Frigidaire Portable Air Conditioner.





Figure 2: Rear view of the unit showing the exhaust hose connection.



Figure 3: Dimensions of the portable air conditioner: 18.7" W x 15.2" D x 27.9" H.

Setup and Installation

The portable air conditioner comes with a window exhaust kit for easy installation. Follow these steps to set up your unit:

1. **Unpack the Unit:** Carefully remove the air conditioner and all accessories from the packaging.

2. **Position the Unit:** Place the unit on a flat, stable surface near a window and a grounded electrical outlet. Ensure there is at least 20 inches of space around the unit for proper airflow.
3. **Install the Window Kit:**
    - Assemble the window slider kit according to your window type (horizontal or vertical).
    - Insert the exhaust hose adapter into the window slider kit.
    - Secure the window kit in the open window, ensuring a tight seal to prevent air leakage.
4. **Connect the Exhaust Hose:**
    - Attach one end of the exhaust hose to the air outlet on the back of the unit.
    - Attach the other end of the exhaust hose to the adapter in the window kit. Ensure both connections are secure.
5. **Power Connection:** Plug the power cord into a grounded 3-prong outlet.



Figure 4: Example setup of the portable air conditioner in a room with the exhaust hose connected to a window.

Operating Instructions

Your Frigidaire Portable Air Conditioner can be operated using the electronic control panel on top of the unit or the included remote control.

Control Panel



Figure 5: Top electronic control panel with various function buttons.



Figure 6: Close-up of the mode selection buttons (Auto, Cool, Dry, Fan).

Remote Control

The remote control allows you to adjust settings from a distance. Ensure 2 AAA batteries are installed (not included with the unit, but typically included with the remote).



Figure 7: Remote control for convenient operation.

Operating Modes

- **Cool Mode:** Provides cooling to the room. Adjust temperature using the Up/Down arrows.
- **Dry Mode (Dehumidify):** Removes excess moisture from the air. The fan speed is automatically controlled in this mode.

- **Fan Mode:** Circulates air without cooling. Select desired fan speed (Low, Med, High).
- **Auto Mode:** The unit automatically selects the operating mode (Cool or Fan) and fan speed based on the room temperature.
- **Sleep Mode:** Gradually increases the set temperature over time to save energy and provide quiet operation during sleep.

Timer Function

The built-in timer allows you to program the unit to turn on or off automatically. Set the desired time in half-hour increments using the Timer button on the control panel or remote.

Maintenance

Regular maintenance ensures optimal performance and longevity of your air conditioner.

Cleaning the Washable Filter

The washable filter captures dust and particles, helping the unit operate efficiently. Clean the filter regularly, typically every two weeks or as needed.

1. Turn off and unplug the air conditioner.
2. Open the filter access panel (refer to Figure 8).
3. Remove the air filter.
4. Wash the filter with warm, soapy water. Rinse thoroughly.
5. Allow the filter to air dry completely before reinserting. Do not use hot water or harsh cleaners.
6. Replace the filter and close the access panel.



Figure 8: Location of the washable filter for easy cleaning.

Draining Water

The unit has a self-evaporative system, but in high humidity conditions, water may accumulate. If the "P1" error code appears (or similar full water indicator), the unit needs to be drained.

1. Turn off and unplug the air conditioner.
2. Place a shallow pan or tray under the drain outlet 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.

Troubleshooting

Before contacting customer service, refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Unit does not turn on.	No power, tripped circuit breaker, full water tank.	Check power cord connection. Reset circuit breaker. Drain water tank if P1 error is displayed.
Unit does not cool.	Dirty air filter, blocked air intake/exhaust, room too large, open doors/windows.	Clean air filter. Ensure no obstructions. Verify unit capacity matches room size (refer to Figure 9). Close all doors and windows.
Unit is noisy.	Unit not level, fan speed too high.	Place unit on a flat, level surface. Select a lower fan speed.
Remote control not working.	Dead batteries, obstruction between remote and unit.	Replace batteries. Remove any obstructions. Ensure remote is pointed at the unit's receiver.

Find the correct cooling capacity for your room

Find the corresponding cooling capacity that matches your desired area (square footage). Cooling capacity shown in British thermal units (BTU) per hour.

Area to be cooled (SQ. FT.)	Capacity Needed (BTU)
150 SQ. FT.	5,000
UP TO 250 SQ. FT.	6,000
UP TO 300 SQ. FT.	7,000
UP TO 350 SQ. FT.	8,000
UP TO 400 SQ. FT.	9,000
UP TO 450 SQ. FT.	10,000
UP TO 550 SQ. FT.	12,000
UP TO 700 SQ. FT.	14,000
UP TO 1000 SQ. FT.	18,000
UP TO 1200 SQ. FT.	21,000
UP TO 1400 SQ. FT.	23,000
UP TO 1500 SQ. FT.	24,000

Adjustment as necessary

Make any adjustments for the following circumstance:

i. If the room is heavily shaded, reduce capacity by 10 percent.
ii. If the room is very sunny, increase capacity by 10 percent.
iii. If more than two people regularly occupy the room, add 600 BTUs for each additional person.
iv. If the unit is used in a kitchen, increase capacity by 4,000 BTUs.

Figure 9: Cooling capacity chart to determine appropriate BTU for room size.

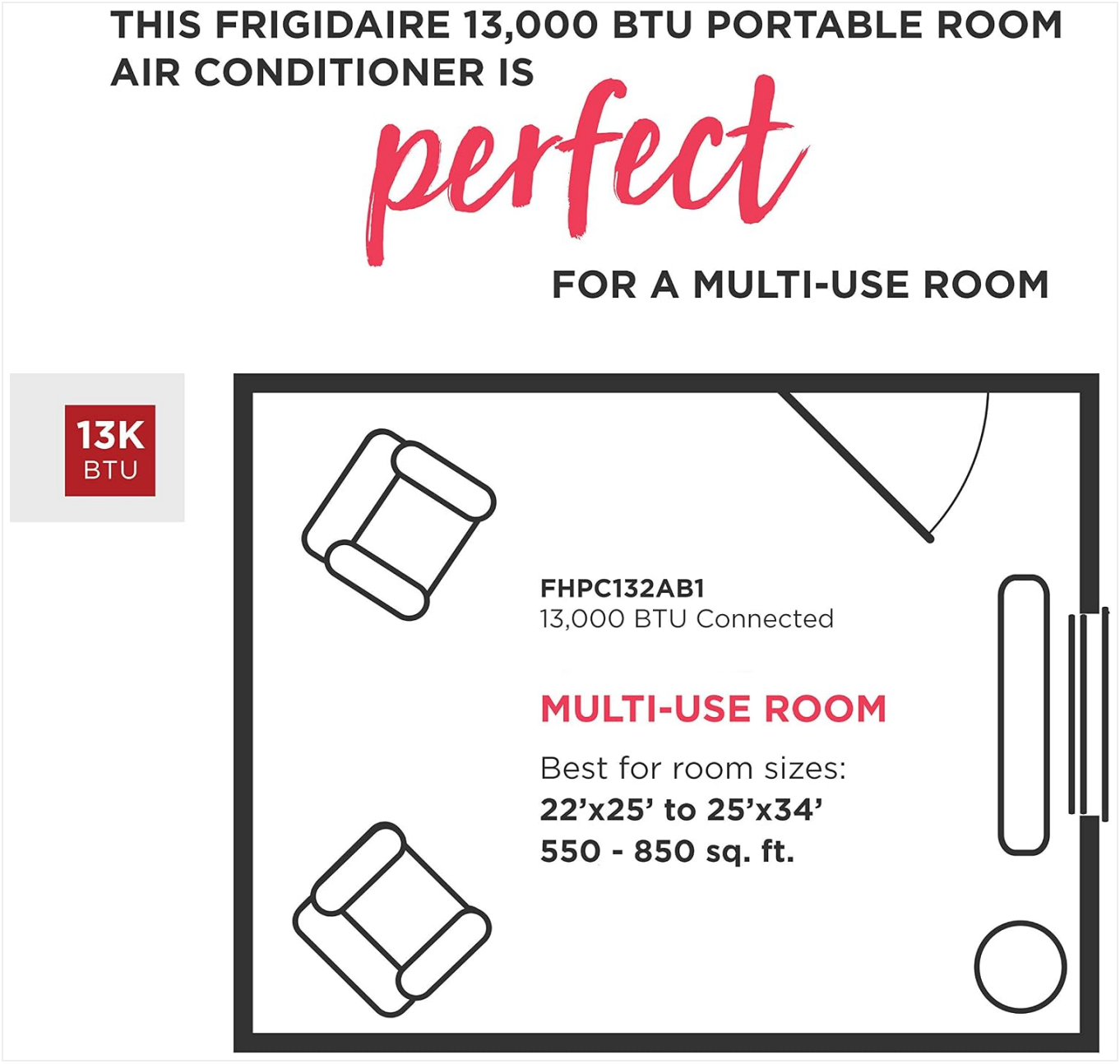

Figure 10: Room size suitability for the 13,000 BTU (7,000 BTU DOE) unit, ideal for multi-use rooms of 550-850 sq. ft.

Specifications

Feature	Detail
Model Number	FHPC132AB1
Cooling Capacity (ASHRAE)	13,000 BTU
Cooling Capacity (DOE)	7,000 BTU
Recommended Room Size	Up to 450 Sq. Ft. (Optimal for 550-850 sq. ft. for 13,000 BTU unit)
Dimensions (W x D x H)	18.72 x 15.16 x 27.91 inches
Item Weight	66 pounds
Voltage	115 Volts
Wattage	1150 watts

Feature	Detail
Sound Level	53 dB
Refrigerant	R 410A
Included Components	Air conditioner, window kit, exhaust hose, remote control, drain hose

Warranty and Support

Your Frigidaire Portable Air Conditioner comes with a comprehensive warranty to ensure your peace of mind.

- **Warranty Description:** 1 Year Full / 5 Year Sealed System.
- For warranty service or technical support, please refer to the contact information provided in your product registration materials or visit the official Frigidaire website.

Customer Support: For additional assistance, you may visit the Frigidaire Store on Amazon:Frigidaire Store

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