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Frigidaire FHPC102AC1

Frigidaire 3-in-1 Portable Room Air Conditioner

MODEL: FHPC102AC1

User Instruction Manual

Product Overview

The Frigidaire FHPC102AC1 is a versatile 3-in-1 portable room air conditioner designed to provide cooling, dehumidification, and fan-only operation. With a cooling capacity of 10,000 BTU (ASHRAE) / 6,500 BTU (DOE), it is suitable for cooling areas up to 450 sq. ft. This unit operates quietly at 49 dBA and features an auto swing louver, adjustable fan speeds, and a programmable 24-hour timer for customized comfort. It also includes a dehumidifying Dry Mode for moisture removal and a Sleep Mode for energy savings. Maintenance is simplified with an easy-to-clean washable dust filter and a Clean Filter alert. An integrated air ionizer helps reduce airborne particles, and a convenient remote control allows for easy adjustments.





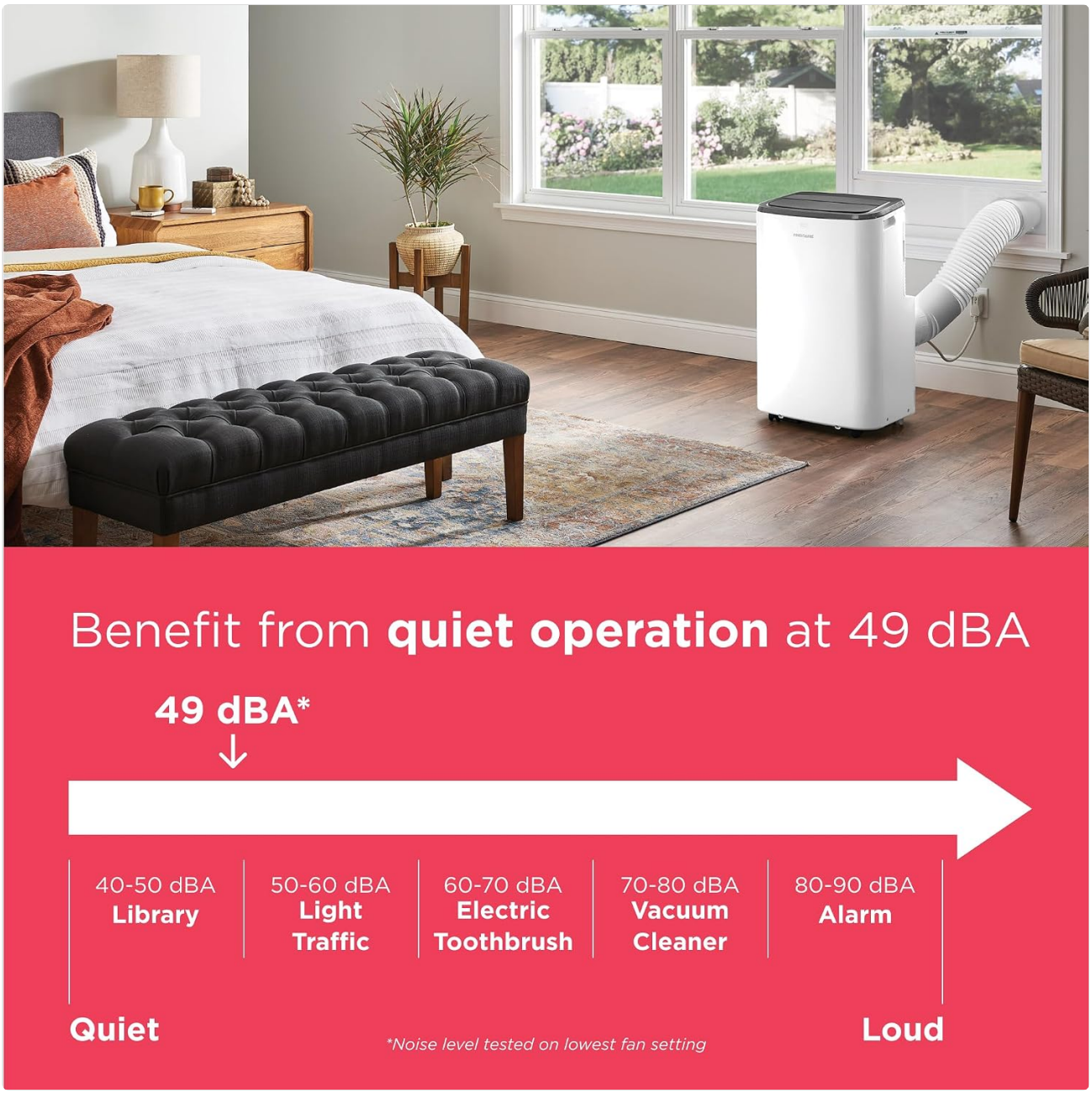
Front view of the Frigidaire 3-in-1 Portable Room Air Conditioner.

Key Features

- **Portable Design:** Equipped with caster wheels for easy room-to-room movement.
- **Customizable Cooling:** Features auto swing louver, custom temperature settings, and three fan speeds for optimal air circulation in spaces up to 450 sq. ft.
- **Energy-Efficient Performance:** Sleep Mode adjusts temperature overnight for comfort and energy savings. Dry Mode removes excess moisture.
- **Easy Maintenance:** Remote control for settings adjustment and Clean Filter alerts for the washable dust filter.
- **Effortless Convenience:** 24-hour on/off timer and Auto Restart feature to restore previous settings after power interruptions.
- **Quiet Operation:** Operates at a quiet 49 dBA.
- **Air Ionizer:** Built-in air ionizer reduces airborne particles.



Dimensions and key features of the Frigidaire portable air conditioner.



The unit operates quietly at 49 dBA, comparable to a library setting.

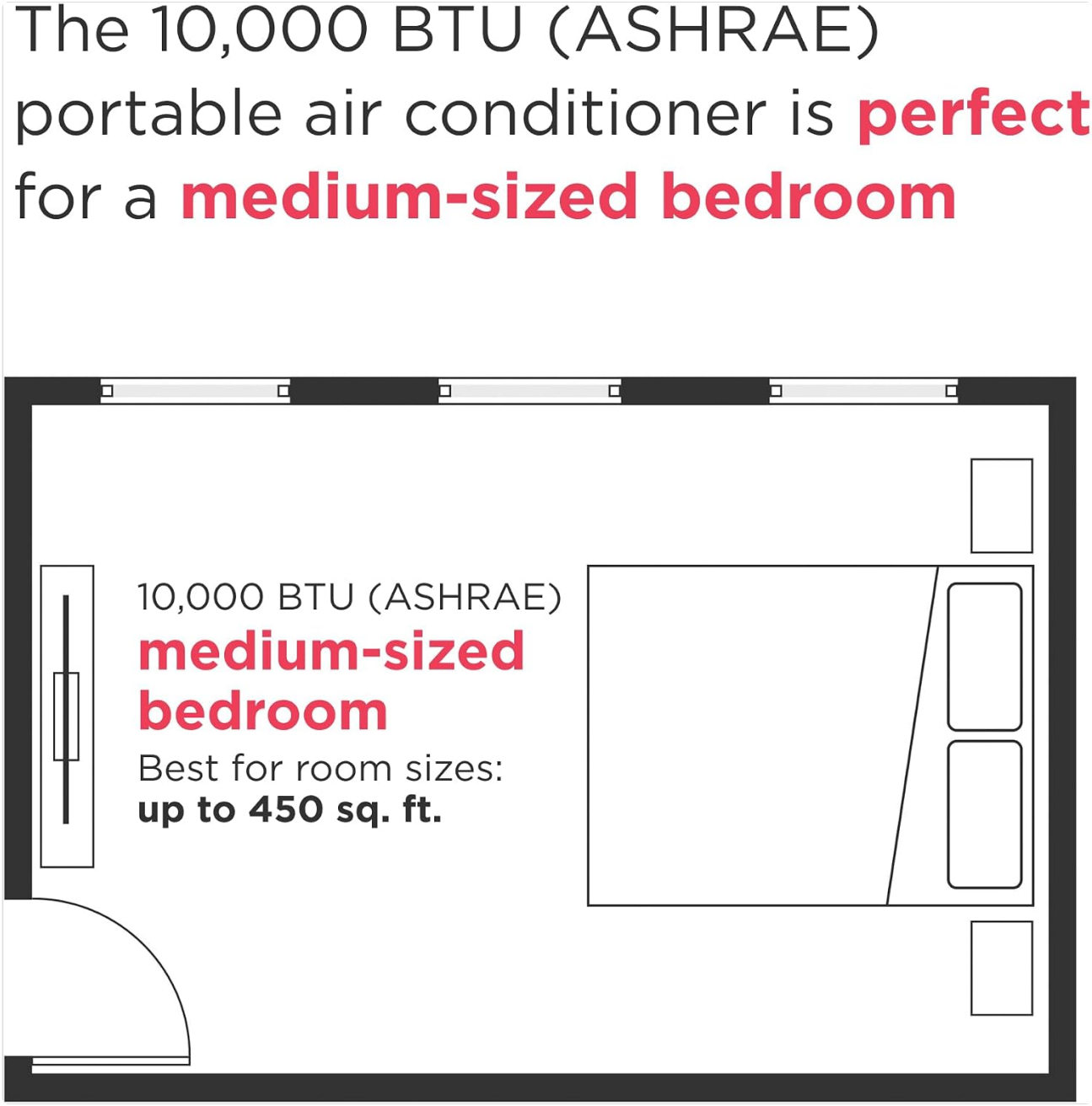
Setup Guide

Follow these steps to set up your Frigidaire portable air conditioner:

1. **Unpack the Unit:** Carefully remove the air conditioner and all accessories from the packaging. Retain packaging for future storage or transport.
2. **Choose a Location:** Place the unit on a flat, stable surface near a window that can accommodate the window exhaust kit. Ensure there is at least 20 inches of space around the unit for proper airflow.
3. **Install the Window Exhaust Kit:**
    - Assemble the window panel kit according to the instructions provided in the box.
    - Attach the exhaust hose to the unit and to the window panel adapter.
    - Insert the window panel kit into the window opening and secure it. Ensure a tight seal to prevent air leakage.
4. **Connect Power:** Plug the power cord into a grounded 115V electrical outlet.



Proper placement and window kit installation for the portable AC unit.



The 10,000 BTU (ASHRAE) unit is ideal for medium-sized bedrooms up to 450 sq. ft.

▶ **Watch video online**
Frigidaire Portable AC-FHPC082AB1

This video provides an overview of the Frigidaire Portable AC, model FHPC082AB1, demonstrating its features and operation, including setup considerations.

Operating Instructions

Your Frigidaire portable air conditioner offers various modes and settings for optimal comfort:

- **Control Panel:** The control panel on top of the unit allows you to select modes, adjust temperature, and set fan speeds.
- **Remote Control:** Use the included remote control for convenient operation from anywhere in the room.
- **Modes:**
  - **Cool Mode:** For cooling the room. Set your desired temperature.
  - **Dry Mode (Dehumidify):** Removes excess moisture from the air without significant cooling.

- **Fan Mode:** Circulates air without cooling or dehumidifying. Choose from three fan speeds.
- **Sleep Mode:** Gradually increases the set temperature over time for comfortable sleep and energy efficiency.

- **Timer Function:** Program the unit to turn on or off automatically within a 24-hour period.
- **Auto Swing Louver:** Activates the louver to swing automatically, distributing air evenly throughout the room.



The control panel allows selection of modes and fan speeds for flexible cooling.

Maintenance

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

- **Clean the Washable Dust Filter:** The unit features a washable dust filter. The "Clean Filter" alert will illuminate when it's time to clean it. Remove the filter, rinse it under running water, and allow it to air dry completely before reinserting.
- **Drain Water:** In high humidity conditions or when using Dry Mode, water may accumulate in the internal reservoir. The unit will stop operating and display an error code when the reservoir is full. Drain the water by removing the drain plug at the bottom rear of the unit and allowing water to flow into a suitable container.

- **Exterior Cleaning:** Wipe the exterior of the unit with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Seasonal Storage:** Before storing the unit for an extended period, ensure all water is drained, and the filter is clean and dry. Store in a cool, dry place.



The easy-to-clean washable filter helps maintain air quality and unit efficiency.

Troubleshooting

If you encounter issues with your Frigidaire portable air conditioner, refer to the following common troubleshooting tips:

Problem	Possible Cause	Solution
Unit does not turn on	No power; Power cord not plugged in; Circuit breaker tripped; Full water tank.	Check power connection; Reset circuit breaker; Drain water tank.

Problem	Possible Cause	Solution
Unit does not cool sufficiently	Dirty air filter; Room too large; Doors/windows open; Exhaust hose not properly installed; Temperature setting too high.	Clean air filter; Ensure room size is within specifications; Close doors/windows; Check exhaust hose connection; Lower temperature setting.
Unit is noisy	Unit not on a level surface; Air filter dirty.	Place unit on a level surface; Clean air filter.
Water leaks from unit	Drain plug not securely closed; Unit tilted.	Ensure drain plug is secure; Place unit on a level surface.

For more detailed troubleshooting, please refer to the full user manual PDF.

Specifications

- **Model Number:** FHPC102AC1
- **Cooling Capacity (ASHRAE):** 10,000 BTU
- **Cooling Capacity (DOE):** 6,500 BTU
- **Recommended Coverage Area:** Up to 450 sq. ft.
- **Noise Level:** 49 dBA
- **Voltage:** 115V
- **Item Weight:** 62 pounds
- **Product Dimensions:** 13.82"D x 16.57"W x 27.9"H
- **Cable Length:** 6 Feet
- **Included Components:** Washable filter, remote control
- **Batteries:** 2 AAA batteries required (included for remote)
- **Country of Origin:** China

Warranty and Support

This Frigidaire portable air conditioner comes with a**1-year manufacturer warranty**. For warranty claims or technical support, please contact Frigidaire customer service.
For a comprehensive guide and additional information, you can download the official User Manual in PDF format: Download User Manual (PDF)

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