

DENBIG BL001C

DENBIG Portable Air Conditioner

MODEL: BL001C - USER MANUAL

1. Important Safety Instructions

Please read all instructions carefully before using the appliance. Keep this manual for future reference.

- Ensure the power supply matches the voltage specified on the unit's rating label.
- Do not operate the unit with a damaged cord or plug.
- Keep the unit on a stable, level surface to prevent tipping.
- Do not block air inlets or outlets. Maintain adequate clearance around the unit.
- Unplug the unit before cleaning or performing any maintenance.
- 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.

2. Product Overview

The DENBIG Portable Air Conditioner BL001C is designed to provide fast cooling and fan modes for small spaces. It features a compact design and versatile power options.



Figure 2.1: DENBIG Portable Air Conditioner BL001C main unit.

Key Components:

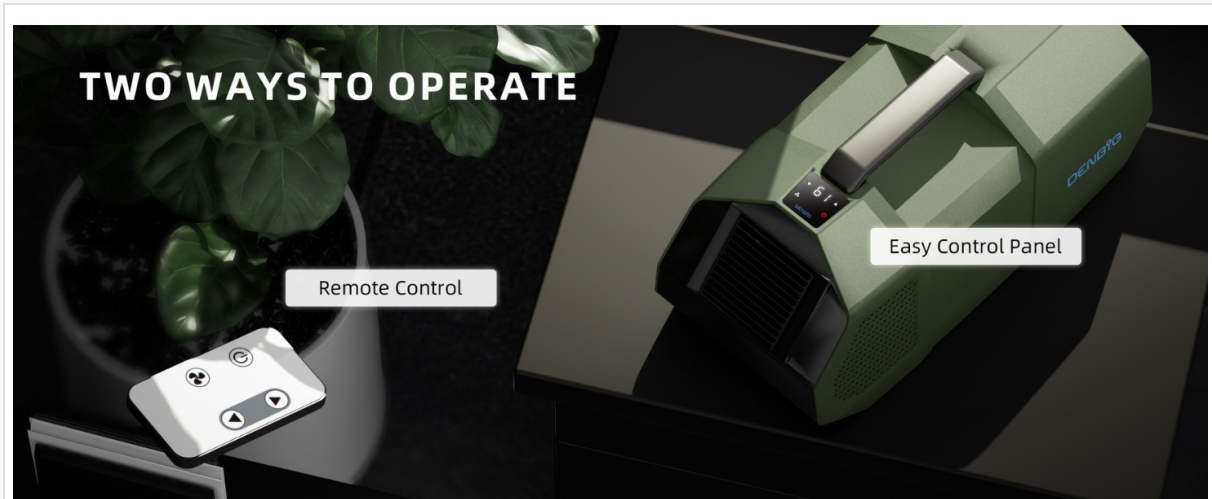


Figure 2.2: Diagram illustrating the main components including Air Exhaust Hoses, Warm Air Outlet, Control Panel, Cold Air Outlet Hose, Cold Air Outlet, Drain Hose, Drain Hole, and Power Adaptor.

- **Control Panel:** Located on the top of the unit for manual operation.
- **Cold Air Outlet:** Where cooled air is discharged.
- **Warm Air Outlet:** Where warm exhaust air is discharged.
- **Air Exhaust Hoses:** For expelling warm air outside the desired cooling area.
- **Cold Air Outlet Hose:** Directs cooled air to a specific area.
- **Drain Hose/Hole:** For continuous drainage of condensed water.
- **Power Adaptor:** Connects the unit to a power source.
- **Remote Control:** For convenient operation from a distance.

3. Setup

Proper setup ensures optimal performance and efficiency of your portable air conditioner.

3.1 Unpacking and Placement

- Carefully remove the unit and all accessories from the packaging.
- Place the unit on a firm, level surface.
- Ensure there is at least 12 inches (30 cm) of space around the unit for proper airflow.

3.2 Hose Installation

The unit uses a dual-hose system for efficient cooling.

1. Attach the two air exhaust hoses to the designated warm air outlet ports on the back of the unit.
2. Extend the exhaust hoses and direct them outside a window, tent vent, or other suitable opening to expel warm air.
3. Attach the cold air outlet hose to the cold air outlet on the front of the unit.
4. Direct the cold air outlet hose towards the area you wish to cool.



Figure 3.1: Unit with air exhaust hoses and cold air outlet hose connected.

3.3 Drain Hose Connection

For continuous operation, connect the drain hose.

- Locate the drain hole on the unit.
- Connect the provided drain hose to the drain hole.

- Ensure the other end of the drain hose is placed in a suitable container or directed to a drain point, ensuring it is lower than the unit's drain hole for gravity drainage.

3.4 Power Connection

- Connect the power adaptor to the unit's power input.
- Plug the power adaptor into a standard 120V household outlet or a compatible portable power station.
- Verify that the power source meets the unit's electrical requirements.

4. Operating Instructions

Your DENBIG Portable Air Conditioner offers Cooling and Fan modes for customizable comfort.

4.1 Powering On/Off

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

4.2 Mode Selection

The unit supports two operating modes:



Figure 4.1: Illustration of Cooling Mode (61°F - 88°F) and Fan Mode (High, Medium, Low speeds).

- **Cooling Mode:** Provides active cooling. Use the temperature adjustment buttons to set your desired temperature between 61°F and 88°F (16°C and 31°C).
- **Fan Mode:** Circulates air without cooling. Select High, Medium, or Low fan speed.

Press the **Mode** button on the control panel or remote control to cycle through available modes.

4.3 Fan Speed Adjustment

- In both Cooling and Fan modes, press the **Fan Speed** button to select between High, Medium, and Low fan speeds.

4.4 Remote Control Operation

The unit can be operated using the included remote control.



Figure 4.2: The unit can be operated via the easy control panel or the remote control.

- Point the remote control directly at the unit's receiver.
- Use the buttons on the remote to power on/off, change modes, adjust temperature, and set fan speed.

5. Maintenance

Regular maintenance helps ensure the longevity and efficient operation of your air conditioner.

5.1 Cleaning the Air Filter

- The air filter should be cleaned every two weeks or more frequently depending on usage and air quality.
- Unplug the unit from the power source.
- Locate and remove the air filter (refer to the product diagram for location).
- Wash the filter with warm, soapy water. Rinse thoroughly and allow it to air dry completely before reinstalling.

5.2 Draining Condensed Water

- If not using continuous drainage, the internal water tank will fill up. The unit may stop operating and display an error code when the tank is full.
- Unplug the unit.
- Place a shallow pan or tray under the drain hole.
- Remove the drain plug to allow water to flow out.
- Once drained, replace the drain plug securely.

5.3 Storage

- Before storing, ensure the unit is completely drained of water.
- Clean the air filter and allow it to dry.
- Store the unit in a cool, dry place, away from direct sunlight and extreme temperatures.

6. Troubleshooting

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
Unit does not turn on	No power supply; Power cord not connected; Fuse blown or circuit breaker tripped.	Ensure unit is plugged in; Check power outlet; Reset circuit breaker or replace fuse.
Unit runs but does not cool	Air filter clogged; Exhaust hoses blocked or disconnected; Room temperature too low; Doors/windows open.	Clean air filter; Check hose connections and ensure they are venting outside; Increase desired temperature; Close all doors and windows.
Water leakage	Drain plug loose; Drain hose improperly connected or blocked.	Ensure drain plug is secure; Check drain hose for proper connection and clear any blockages.
Noisy operation	Unit not on a level surface; Obstruction in fan.	Place unit on a flat, stable surface; Check for and remove any obstructions.

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

7. Specifications

Technical details for the DENBIG Portable Air Conditioner BL001C.

Feature	Detail
Model Number	BL001C
Cooling Power	1500 British Thermal Units (BTU)
Floor Area Coverage	Up to 50 Square Feet
Product Dimensions (L x W x H)	20.6 x 9.6 x 9.6 inches
Item Weight	20 pounds
Voltage	120 Volts
Noise Level	52 Decibels (dB)
Refrigerant	R134A (Eco-friendly)
Included Components	Hoses, Remote Control, Power Adaptor

8. Warranty and Support

8.1 Warranty Information

This DENBIG Portable Air Conditioner BL001C comes with a **1-Year Manufacturer Warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

Please retain your proof of purchase for warranty claims.

8.2 Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact DENBIG customer support through the retailer where the product was purchased or visit the official

DENBIG website for contact information.

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