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› BLACK+DECKER 12,000 BTU Portable Air Conditioner User Manual

BLACK+DECKER BPP08HWTB

BLACK+DECKER Portable Air Conditioner User Manual

Model: BPP08HWTB

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1. PRODUCT OVERVIEW

This manual provides detailed instructions for the safe operation, installation, and maintenance of your BLACK+DECKER 12,000 BTU Portable Air Conditioner with 9,000 BTU Heating. This 4-in-1 unit functions as an AC, Heater, Dehumidifier, and Fan, designed to provide year-round comfort.



Figure 1.1: The BLACK+DECKER portable air conditioner unit and its accompanying remote control. The unit is white with a black top grille, and the remote is also white with an LCD screen and various control buttons.

2. IMPORTANT SAFETY INFORMATION

Read all instructions carefully before using this appliance. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- **Electrical Safety:** Ensure the power supply matches the voltage specified on the unit's rating label. Do not use extension cords or adapter plugs. Always plug the unit directly into a grounded wall outlet.
- **Placement:** Place the unit on a flat, stable surface. Maintain at least 20 inches (50 cm) clearance from walls or other objects to ensure proper airflow. Do not block air inlets or outlets.
- **Operation:** Do not operate the unit with a damaged cord or plug. Do not insert fingers or objects into the air outlets. Unplug the unit before cleaning or servicing.
- **Maintenance:** Only qualified personnel should perform repairs. Do not attempt to disassemble or modify the unit.
- **Refrigerant:** This unit uses R-32 refrigerant. Do not puncture the refrigerant circuit. Contact a qualified technician for any refrigerant-related issues.

3. PRODUCT FEATURES

- **4-in-1 Functionality:** Operates as an Air Conditioner, Heater, Dehumidifier, and Fan for year-round climate control.
- **Powerful Performance:** 12,000 BTU (ASHRAE) / 8,000 BTU (SACC/CEC) cooling capacity and 9,000 BTU heating capacity, suitable for rooms up to 550 sq. ft.
- **User-Friendly Controls:** Features top-mounted controls with a digital display and a full-function LCD remote control for convenient operation.
- **Multiple Fan Speeds:** Three fan speeds for customized airflow and comfort.
- **Follow Me Function:** The remote control acts as a thermostat, allowing the unit to cool or heat based on the temperature at the remote's location.
- **Portability:** Equipped with handles and smooth-rolling castors for easy movement between rooms.
- **Eco-Friendly Refrigerant:** Utilizes R-32 refrigerant, which has a lower environmental impact.
- **Quiet Operation:** Operates at approximately 53 dB, ensuring a quiet environment.



Figure 3.1: The top of the unit features intuitive controls and a digital display for easy mode and temperature adjustments.



COOLS UP TO
550 SQ FT

12,000 BTU (ASHRAE)
8,000 BTU (SACC/CEC)

Figure 3.2: This unit effectively cools spaces up to 550 sq. ft., making it suitable for various room sizes.

Easy to *Install Graphic*



Figure 3.3: The unit is designed for easy mobility with integrated handles and smooth-rolling castors.

4. PACKAGE CONTENTS

Verify that all components are present in the package:

- BLACK+DECKER Portable Air Conditioner Unit
- Remote Control (with batteries)
- Window Kit, including:
 - Foam Seal
 - Slider Bracket
 - Air Exhaust Hose
 - Hose Inlet
 - Hose Outlet
 - 2 Locking Screws
 - Drain Hose
- User Manual (this document)

Ready to use.

Window Kit Included

Includes: foam seal, slider bracket, air exhaust hose, hose inlet and outlet, 2 locking screws and drain hose.



Fits windows:
27.5" Min - 47.2" Max

Figure 4.1: The included window kit components, essential for proper exhaust ventilation.

5. SETUP AND INSTALLATION

Follow these steps to set up your portable air conditioner:

1. **Positioning:** Place the unit on a flat, stable surface near a window and a grounded electrical outlet. Ensure there is at least 20 inches (50 cm) of clear space around the unit for proper airflow.
2. **Window Kit Installation:**
 - Assemble the slider bracket to fit your window opening (fits windows 27.5" Min - 47.2" Max).
 - Secure the exhaust hose to the unit's exhaust outlet and the window kit adapter.
 - Insert the window kit into the window opening and extend it to fit snugly. Use the locking screws to secure it.
 - Attach the exhaust hose to the window kit adapter.
 - Apply the foam seal around the window kit to prevent air leakage.
3. **Drain Hose Connection (Dehumidifier Mode):** For continuous drainage in dehumidifier mode, connect the drain hose to the continuous drain port on the unit and route it to a suitable drain or container.
4. **Power Connection:** Plug the power cord directly into a grounded 115V/60Hz electrical outlet. Do not use extension cords.



Figure 5.1: Visual guide for installing the exhaust hose and window kit.

6. OPERATING INSTRUCTIONS

Your portable air conditioner can be operated using the control panel on the unit or the remote control.

6.1 Remote Control Functions



Figure 6.1: The remote control allows full access to all unit functions.

- **Power Button:** Turns the unit ON or OFF.
- **Mode Button:** Cycles through modes: Cool, Heat, Dehumidify, Fan.
- **Temperature Up/Down Buttons:** Adjusts the desired temperature.
- **Fan Speed Button:** Selects fan speed (Low, Medium, High).
- **Timer Button:** Sets the auto-on or auto-off timer.
- **Sleep Button:** Activates sleep mode for quieter operation and gradual temperature adjustment.
- **Follow Me Button:** Activates the Follow Me function, using the remote's sensor for temperature readings.
- **LED Button:** Turns the display LED ON or OFF.

6.2 Operating Modes

- **Cool Mode:** For cooling the room. Set desired temperature (61°F - 88°F / 16°C - 31°C).
- **Heat Mode:** For heating the room. Set desired temperature (61°F - 88°F / 16°C - 31°C).
- **Dehumidify Mode:** Removes moisture from the air. Fan speed is fixed to low. Connect the drain hose for continuous drainage.
- **Fan Mode:** Circulates air without cooling or heating. Select desired fan speed.

7. MAINTENANCE

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

- **Air Filter Cleaning:** The air filter should be cleaned every two weeks or more frequently depending on usage.
 - a. Unplug the unit.
 - b. Remove the air filter from the back of the unit.
 - c. Wash the filter with warm, soapy water. Rinse thoroughly and allow it to air dry completely before reinserting.
- **Unit Cleaning:** Wipe the exterior of the unit with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Water Drainage:** The unit has an auto-evaporation system. However, in high humidity conditions or during dehumidifier mode, the internal water tank may fill. When full, the unit will stop operating and display an error code. Drain the water by removing the drain plug and allowing water to flow into a suitable container.
- **Storage:** Before long-term storage, drain all water from the unit, clean the air filter, and allow the unit to run in fan-only mode for a few hours to dry the interior. Store in a dry, upright position.

8. TROUBLESHOOTING

Refer to the table below for common issues and their solutions.

Problem	Possible Cause	Solution
Unit does not turn on.	No power; power cord unplugged; circuit breaker tripped; internal water tank full.	Check power connection; reset circuit breaker; drain water from unit.
Unit does not cool/heat effectively.	Air filter dirty; air intake/exhaust blocked; room too large; window kit not properly sealed; door/window open.	Clean air filter; clear obstructions; ensure room size is within capacity; seal window kit; close doors/windows.
Unit is noisy.	Unit not on a level surface; air filter dirty; internal components vibrating.	Place on a level surface; clean air filter; if noise persists, contact customer support.
Water leakage.	Drain plug loose; continuous drain hose not properly connected or blocked.	Ensure drain plug is secure; check continuous drain hose for proper connection and clear any blockages.

9. PRODUCT SPECIFICATIONS

Feature	Specification
Brand	BLACK+DECKER
Model	BPP08HWTB
Cooling Capacity	12,000 BTU (ASHRAE) / 8,000 BTU (SACC)
Heating Capacity	9,000 BTU
Cooling Power	3648 Watts
Coverage Area	Up to 550 sq. ft.
Refrigerant	R-32
Voltage	115 Volts
Noise Level	53 dB
Product Dimensions (D x W x H)	17.32"D x 13.2"W x 27.32"H
Color	White
Special Feature	Follow Me Function
Seasonal Energy Efficiency Ratio (SEER)	9.6



Figure 9.1: Key dimensions of the portable air conditioner unit.

Adaptable To Your Room

Choose the right unit for your room

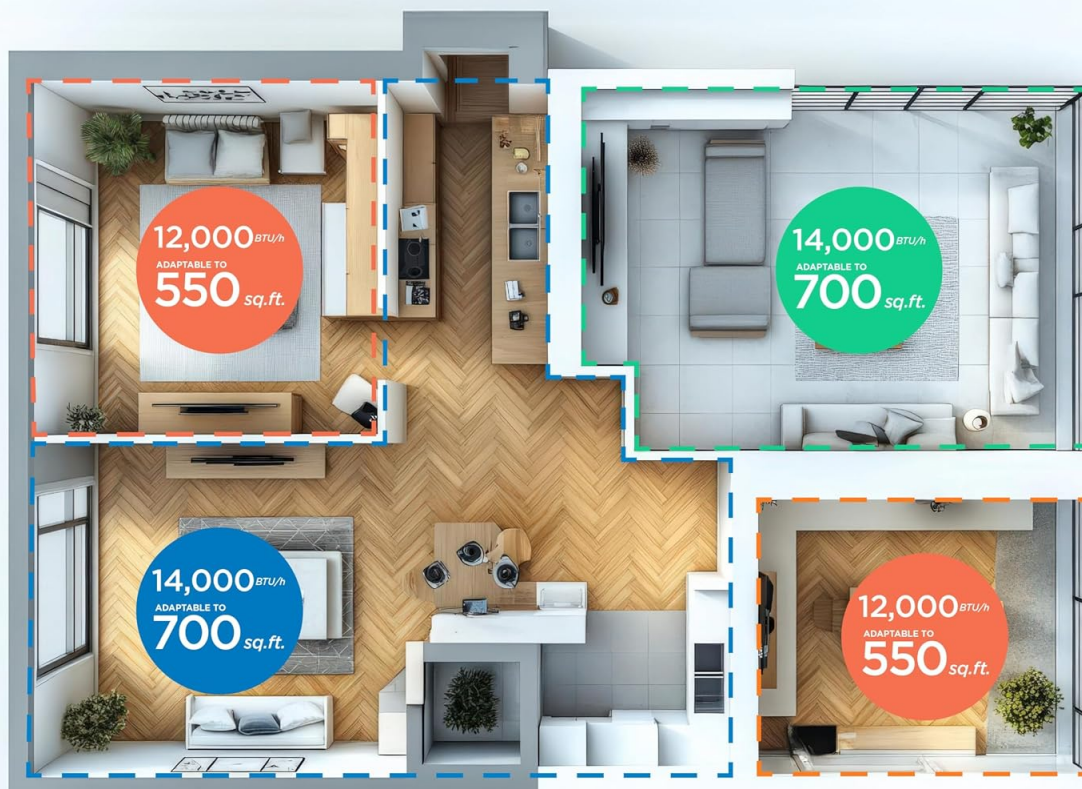


Figure 9.2: Guide to selecting the appropriate unit size for your room, showing 12,000 BTU for 550 sq. ft. and 14,000 BTU for 700 sq. ft.

10. WARRANTY AND CUSTOMER SUPPORT

For warranty information, technical assistance, or to order replacement parts, please contact BLACK+DECKER customer support. Keep your purchase receipt as proof of purchase for warranty claims.

Contact Information: Refer to the BLACK+DECKER official website or the product packaging for the most current customer service contact details.

Online Resources: Visit the official BLACK+DECKER website for FAQs, product registration, and additional support resources.