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BLACK+DECKER BPT10HWTB

BLACK+DECKER Portable Air Conditioner with Heat

Model: BPT10HWTB | Brand: BLACK+DECKER

INTRODUCTION

The BLACK+DECKER Portable Air Conditioner with Heat is a versatile 4-in-1 unit designed to provide year-round comfort. It functions as an air conditioner, heater, dehumidifier, and fan, making it suitable for various climate control needs in rooms up to 700 sq. ft.

Key Features:

- **Four-in-One Unit:** Combines air conditioning, heating, dehumidifying, and fan functions in a single machine.
- **Follow Me Remote:** The full-function remote control features a 'FOLLOW ME' function, allowing it to act as a thermostat for precise temperature control based on its location.
- **Large Room Coverage:** Provides fast, effective cooling and heating for areas up to 700 sq. ft., ideal for apartments and larger living spaces.
- **Simple To Use:** Designed for ease of use with minimal maintenance. Features auto water evaporation to reduce the need for manual draining.
- **Easy Window Install:** Comes with an exhaust hose and window adapter for straightforward installation and removal.

SAFETY INFORMATION

Please read all safety instructions carefully before operating the unit. Failure to follow these instructions may result in electric shock, fire, or injury.

- Always plug the unit into a grounded 3-prong outlet. Do not remove the grounding prong.
- Do not operate the unit with a damaged cord or plug.
- Ensure the unit is placed on a stable, level surface to prevent tipping.
- Maintain adequate clearance around the unit for proper airflow. Do not block air inlets or outlets.
- Do not insert fingers or objects into the air discharge area.
- Unplug the unit before cleaning or performing any maintenance.
- This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

PACKAGE CONTENTS

- BLACK+DECKER Portable Air Conditioner Unit
- Remote control
- Window kit (includes foam seal, slider bracket, air exhaust hose with connector, drain hose, hose inlet and outlet, 1 screw)

SETUP

Follow these steps to set up your portable air conditioner:

1. **Choose a Location:** Place the unit on a firm, level surface near a window that can be used for exhaust. Ensure there is at least 20 inches of space around the unit for proper airflow.
2. **Install the Window Kit:**
 - Assemble the window slider kit to fit your window opening (suitable for double-hung or sliding windows).
 - Attach the exhaust hose to the unit's exhaust port.
 - Connect the other end of the exhaust hose to the window kit adapter.
 - Secure the window kit in the window opening, ensuring a tight seal to prevent air leakage.
3. **Connect Power:** Plug the unit's power cord into a standard 115 Volt electrical outlet.

Ready to use.

Window Kit Included

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



Image: The portable AC unit with its window kit, exhaust hose, and accessories.

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.

Image: The portable AC unit features integrated handles and smooth-rolling castors for easy mobility between rooms.

Your browser does not support the video tag.

Video: An overview of the BLACK+DECKER Portable Air Conditioner, demonstrating its compact design and ease of setup for immediate use.

OPERATING INSTRUCTIONS

Your BLACK+DECKER portable air conditioner offers multiple operating modes and convenient controls.

Control Panel:

The unit features a top-mounted control panel with an LED display and easy-to-touch buttons for various functions.

Operating Modes:

- **Cool Mode:** Provides powerful cooling. Adjust the desired temperature using the up/down arrows.
- **Heat Mode:** Delivers effective heating. Set your preferred temperature for warmth.
- **Dehumidify Mode:** Removes excess moisture from the air, helping to reduce humidity levels.
- **Fan Mode:** Circulates air without cooling or heating, offering a refreshing breeze.

Fan Speeds:

Select from Low, Medium, or High fan speeds to customize airflow intensity.

Remote Control Functions:

The included remote control provides full functionality for convenient operation from a distance.

- **Power (On/Off):** Turns the unit on or off.
- **Temperature Adjustment:** Use the up/down arrows to set the desired temperature.
- **Mode Selection:** Cycle through Cool, Heat, Dehumidify, and Fan modes.
- **Fan Speed:** Adjust the fan speed (Low, Medium, High).
- **Follow Me Function:** Activates the sensor in the remote control, allowing the unit to adjust its operation based on the temperature at the remote's location.
- **Timer:** Set a timer for automatic on or off operation, up to 24 hours.
- **Sleep Mode:** Gradually adjusts the temperature and fan speed to maintain comfort and energy efficiency during sleep.



Image: The main portable AC unit shown alongside its remote control, highlighting the convenience of remote operation.

4-in-1 AC + Heater / Fan / Dehumidifier

Top Mounted Touch Controls
with LED Display



Image: A detailed view of the unit's top-mounted touch controls and LED display, indicating its 4-in-1 functionality.

Follow-Me function

Adjusts the temperature to the **LCD Remote Control** Location



Image: Illustration of the 'Follow Me' function, where the remote control acts as a thermostat to adjust the temperature based on its location in the room.



COOLER
10,200 BTU
(SACC/CEC)

HEATER
12,000 BTU
(ASHRAE 128)

REACHES UP TO
700 SQ FT

Image: Visual representation of the unit's cooling (10,200 BTU SACC/CEC) and heating (12,000 BTU ASHRAE 128) capacities, indicating it can reach up to 700 sq. ft.

MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your unit.

Filter Cleaning:

The unit is equipped with a removable and washable filter. Clean the filter regularly (every two weeks or as needed) to maintain air quality and efficiency.

1. Turn off and unplug the unit.
2. Remove the filter from its housing.
3. Wash the filter with warm, soapy water. Rinse thoroughly.
4. Allow the filter to air dry completely before reinserting it into the unit.



Image: A user demonstrates the easy removal of the washable filter from the back of the unit for cleaning.

Drainage:

This unit features an auto water evaporation system that helps minimize the need for manual draining. However, in high humidity conditions or when using the dehumidifier mode, manual drainage may be required.

- Locate the drain plug at the bottom rear of the unit.
- Place a shallow pan or connect the drain hose (if provided) to collect condensed water.
- Remove the drain plug to allow water to flow out.
- Replace the drain plug securely once draining is complete.

TROUBLESHOOTING

If you encounter issues with your unit, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Unit does not turn on	No power; Power cord unplugged; Circuit breaker tripped	Check power outlet; Ensure cord is securely plugged in; Reset circuit breaker.
Unit not cooling/heating effectively	Room too large; Window kit not sealed; Air filter dirty; Temperature setting too high/low	Ensure room size is within unit's capacity; Check window kit for leaks; Clean air filter; Adjust temperature setting.
Unusual noise	Unit not on a level surface; Obstruction in fan/air vents	Place unit on a flat, stable surface; Check for and remove any obstructions.
Water leakage	Drain plug loose; Drain hose improperly connected (if used)	Ensure drain plug is securely in place; Check drain hose connections.

SPECIFICATIONS

Feature	Detail
Model Number	BPT10HWTB
Product Dimensions	14.06"D x 16.5"W x 27.09"H
Item Weight	64.7 pounds
Manufacturer	BLACK+DECKER
Form Factor	Portable, Floor-Standing
Floor Area Coverage	Up to 700 Square Feet
Voltage	115 Volts
Noise Level	53 dB
Cooling Power	14000 British Thermal Units
Seasonal Energy Efficiency Ratio (SEER)	2.6
Special Feature	Remote Controlled

WARRANTY

This BLACK+DECKER Portable Air Conditioner with Heat comes with a **1-year warranty** from the date of purchase. Please retain your proof of purchase for warranty claims. For detailed warranty terms and conditions, refer to the full user manual.

SUPPORT

For further assistance, detailed instructions, or troubleshooting not covered in this manual, please refer to the official Installation Manual (PDF).

[Download Full Installation Manual \(PDF\)](#)