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### Danby DPA050E2BDB-6

# Danby DPA050E2BDB-6 Portable AC Instruction Manual

Model: DPA050E2BDB-6

## INTRODUCTION

This manual provides essential information for the safe and efficient operation of your Danby DPA050E2BDB-6 Portable Air Conditioner. Please read all instructions carefully before using the appliance and retain this manual for future reference. This unit is designed to provide cooling, dehumidification, and fan functions for indoor spaces.





Figure 1: Front view of the Danby DPA050E2BDB-6 Portable AC.

## PRODUCT FEATURES

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- Convenient 3-in-1 design: air conditioner, fan, and dehumidifier.
- 7,500 BTU (5,000 SACC) portable air conditioner cools spaces up to 150 square feet.
- R32 refrigerant: environmentally friendly, R32's GWP (Global Warming Potential) is 3x lower than R410a.
- Powerful 2-speed fan.
- Dehumidifier mode with direct drain for continuous operation.

## SAFETY INFORMATION

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Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and injury to persons. Read all instructions before using the appliance. Do not operate any appliance with a damaged cord or plug, or after the appliance malfunctions or has been dropped or damaged in any manner. Return appliance to the nearest authorized service facility for examination, repair, or electrical or mechanical adjustment. Use only as described in this manual. Any other use not recommended by the manufacturer may cause fire, electric shock, or injury to persons.

## PACKAGE CONTENTS

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Please ensure all items are present and in good condition upon unpacking.

- Danby DPA050E2BDB-6 Portable AC Unit
- Remote Control
- Exhaust Hose
- Window Installation Kit (adjustable panels)
- Owner's Manual

## SETUP & INSTALLATION

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### Placement

Place the unit on a flat, stable surface. Ensure there is at least 20 inches (50 cm) of space around the unit for proper air circulation. Do not place the unit near heat sources or in direct sunlight.

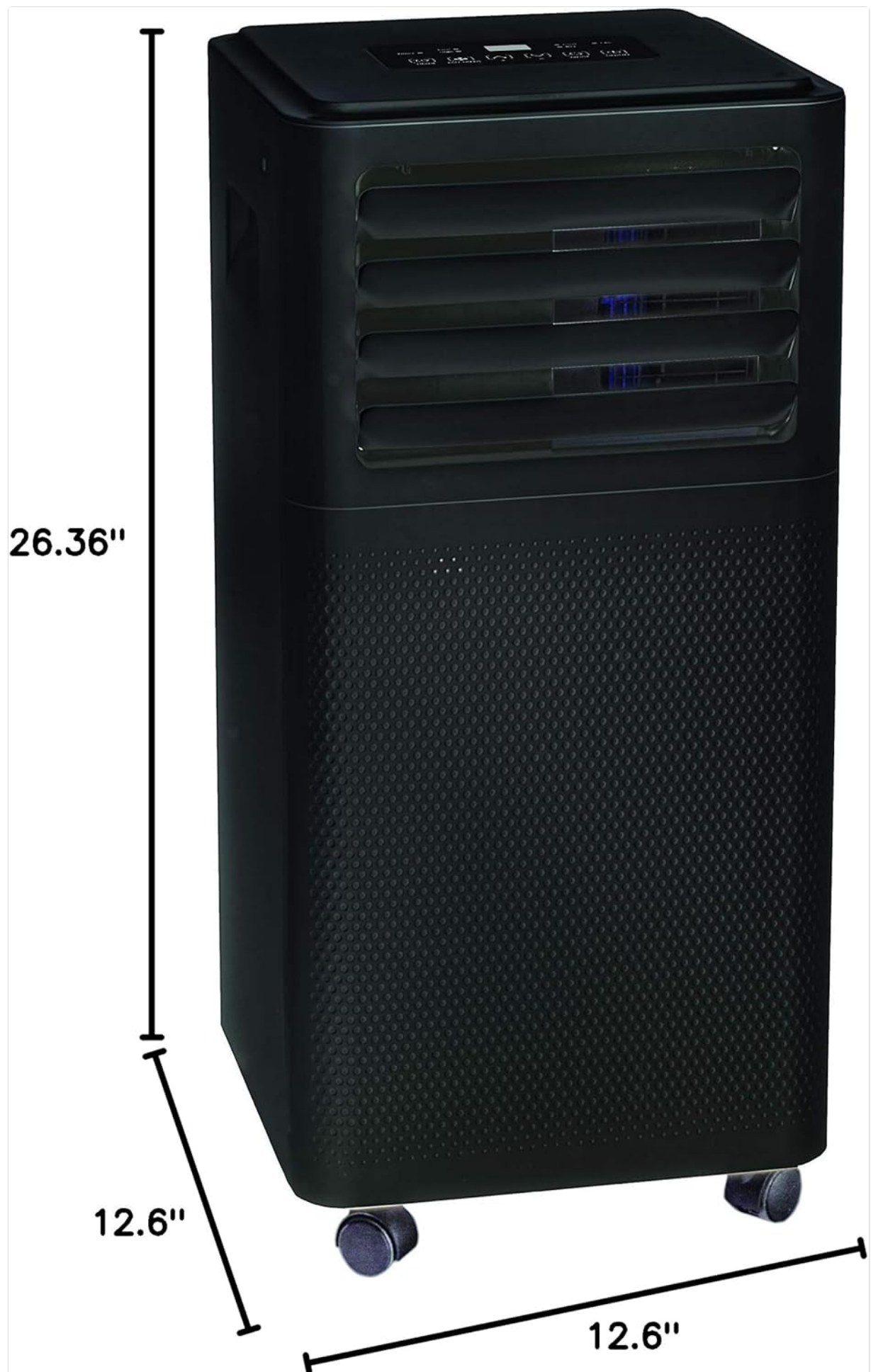


Figure 2: Unit dimensions for proper placement.

## Window Kit Installation

The window kit is designed to fit most standard vertical or horizontal windows. Adjust the panels to fit your window opening, ensuring a secure and sealed fit to prevent air leakage. Use the provided screws to secure the panels in place if necessary.

## Exhaust Hose Connection

Attach the exhaust hose to the designated outlet on the back of the unit. Extend the hose to reach the window kit, ensuring it is not kinked or bent sharply, which can restrict airflow and reduce efficiency. Secure the hose to the window kit adapter.

## OPERATING INSTRUCTIONS

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### Control Panel

The unit features an intuitive top-mounted control panel with a digital display for easy operation.







Figure 3: Top view of the control panel.

## Remote Control

All functions available on the control panel can also be operated using the included remote control. Ensure the remote has working batteries and is pointed towards the unit for optimal response.

## Modes: Cool, Fan, Dehumidifier

- **Cool Mode:** Select this mode for cooling. Adjust the desired temperature using the up/down arrows.
- **Fan Mode:** Operates as a fan to circulate air without cooling. Choose between two fan speeds.
- **Dehumidifier Mode:** Removes excess moisture from the air. This mode may require continuous drainage in high humidity environments.

## Timer Function

The 24-hour programmable timer allows you to set the unit to turn on or off automatically, helping to save energy and ensure comfort when needed.

## MAINTENANCE

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### Filter Cleaning

The unit is equipped with a reusable and washable filter. Regularly check and clean the filter to maintain optimal performance and air quality. To clean, remove the filter, rinse it under running water, and allow it to air dry completely before reinserting.







Figure 4: Side view indicating filter access.

## Drainage

The unit features an automatic water evaporation system, reducing the need for frequent manual drainage. However, in high humidity conditions or when using dehumidifier mode, manual drainage or continuous drainage via a hose may be required. Consult the manual for specific instructions on connecting a continuous drain hose.

## Storage

Before storing the unit for an extended period, ensure it is completely drained of water and the filter is clean and dry. Store the unit in a cool, dry place, preferably in its original packaging or covered to protect it from dust.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit does not turn on	No power supply; Power cord damaged	Check power outlet; Contact service for cord replacement
Unit not cooling effectively	Dirty air filter; Room too large; Doors/windows open	Clean air filter; Ensure room size is within capacity; Close doors/windows
Water leakage	Drain plug not properly inserted; Unit tilted	Ensure drain plug is secure; Place unit on a level surface
Unusual noise	Unit not on level surface; Obstruction in fan	Place unit on level surface; Check for obstructions and remove

## SPECIFICATIONS

Feature	Detail
Product Dimensions	12.6 x 12.6 x 26.36 inches
Item Weight	52.2 pounds
Manufacturer	Danby
Item Model Number	DPA050E2BDB-6
Form Factor	Portable
Capacity	25.9 Liters
Floor Area	150 Square Feet
Voltage	115 Volts
Noise Level	54 Decibels

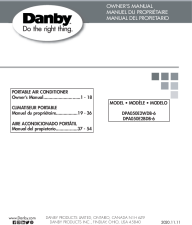
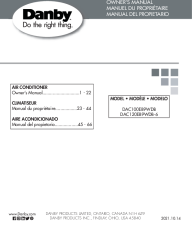
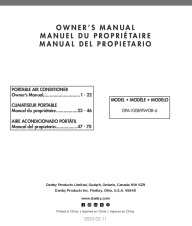
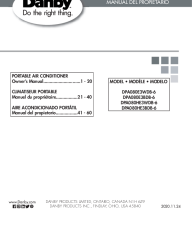



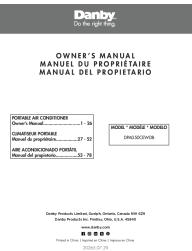
Feature	Detail
Cooling Power	7500 British Thermal Units
Special Feature	Auto-restart, Electronic controls
Seasonal Energy Efficiency Ratio (SEER)	6.1
Color	Black

## WARRANTY AND SUPPORT

This product comes with 24 months parts and labor coverage. Installation and/or yearly maintenance (cleaning) are not covered under warranty. For support or warranty claims, please refer to the contact information provided in your purchase documentation or visit the Danby website.

## Related Documents - DPA050E2BDB-6

	<p><a href="#">Danby Portable Air Conditioner Owner's Manual</a></p> <p>Comprehensive owner's manual for Danby portable air conditioners, covering installation, operation, safety instructions, and troubleshooting for models DPA050E2WDB-6 and DPA050E2BDB-6.</p>
	<p><a href="#">Danby Air Conditioner Owner's Manual</a></p> <p>This owner's manual provides essential information for the safe installation, operation, and maintenance of Danby air conditioners, including models DAC100EB9WDB and DAC120EB9WDB-6. Learn how to maximize the reliability and longevity of your Danby appliance.</p>
	<p><a href="#">Danby DPA100B9IWDB-6 Portable Air Conditioner Owner's Manual</a></p> <p>This owner's manual provides essential information for the Danby DPA100B9IWDB-6 portable air conditioner, including installation, operation, safety precautions, maintenance, and troubleshooting. Learn how to use your Danby portable AC effectively and safely.</p>
	<p><a href="#">Danby Portable Air Conditioner Owner's Manual</a></p> <p>Comprehensive owner's manual for Danby portable air conditioners, covering installation, operation, safety, maintenance, troubleshooting, and warranty information for models like DPA080E3WDB-6. Includes detailed instructions for optimal use.</p>

	<p><a href="#">Danby Portable Air Conditioner Owner's Manual - Installation, Operation &amp; Safety Guide</a></p> <p>Official owner's manual for Danby portable air conditioners (models DPA080E3WDB-6, DPA080E3BDB-6, DPA080HE3WDB-6, DPA080HE3BDB-6). Includes installation, operation, safety, maintenance, and troubleshooting guides.</p>
	<p><a href="#">Danby DPA050CEWDB Portable Air Conditioner Owner's Manual</a></p> <p>Comprehensive owner's manual for the Danby DPA050CEWDB portable air conditioner, covering installation, operation, safety precautions, maintenance, troubleshooting, and warranty information.</p>