

DENBIG A020B-10KR

DENBIG 15,000 BTU Portable Air Conditioner User Manual

Model: A020B-10KR

INTRODUCTION

Thank you for purchasing the DENBIG 15,000 BTU Portable Air Conditioner. This appliance is designed to provide efficient cooling, dehumidification, and fan functions for your indoor spaces. Please read this manual thoroughly before operation to ensure proper use, maintenance, and safety.

This portable air conditioner is ideal for cooling rooms up to 700 square feet, offering a comfortable environment with its powerful cooling capacity and versatile modes.

IMPORTANT SAFETY INSTRUCTIONS

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 this appliance.
- Connect to a properly grounded outlet only.
- Do not operate the unit with a damaged cord or plug.
- Do not block air openings.
- Do not use in wet areas like bathrooms or laundry rooms.
- Unplug the unit before cleaning or servicing.
- Keep children away from the appliance.

PRODUCT OVERVIEW

The DENBIG Portable Air Conditioner is a versatile 3-in-1 unit, providing cooling, dehumidification, and fan functions. It features an intuitive LED control panel and comes with a remote control for convenient operation.



Image: Front view of the DENBIG Portable Air Conditioner, showing cool air and leaves circulating, with the remote control to the left.

3 IN 1 PORTABLE AIR CONDITIONER



**Cooling Mode:
15000BTU**



**Fan Mode:
High/Medium/Low**



**Dehumidifying Mode:
100 Pints/Day**

Image: Illustration showing the three operational modes: Cooling (15000 BTU), Fan (High/Medium/Low), and Dehumidifying (100 Pints/Day).

BUTTON AND REMOTE CONTROL



Image: Close-up of the unit's top control panel and the remote control, detailing buttons for Swing, Timer, Speed, Temperature Control (Up/Down), Mode, and Sleep.

INCLUDED COMPONENTS

Your portable air conditioner package includes the following items:

- Portable Air Conditioner Unit
- Exhaust Hose
- Window Kit (Panel A, Panel B, Hose Adapter)
- Remote Control
- User Manual



Image: Diagram illustrating the various components of the portable air conditioner, including the main unit, exhaust hose, and window kit parts.

SETUP AND INSTALLATION

The portable air conditioner is designed for easy setup, typically within 10 minutes. Follow these steps for proper installation:

1. Window Kit Installation:

1. Measure your window opening.
2. For a 0-22.44 inch window opening, use Panel A. Cut if necessary.
3. For a 22.44-46.06 inch window opening, use Panel A + Panel B. Cut Panel A if necessary.
4. Insert the window kit into the window frame and secure it.



Image: Step-by-step visual guide for installing the window kit, showing how to adjust panels A and B for different window sizes.

2. Connecting the Exhaust Hose to Window Kit:

1. Stretch the exhaust hose to its full length (6 inches/15 cm).
2. Rotate the vent hose into the exhaust nozzle counter-clockwise until secure.
3. Slide the hose adapter into the window kit for locking.
4. Insert the hose outlet into the window panel fully.
5. If desired, use a Type A screw to firmly fix the connection.

INSTALLATION PROCESS

Please see the included instruction manual for further details

For a 0-22.44" window opening, use panel A(Cut short if necessary)

For a 22.44-46.06" window opening, use panel A+B (Cut short A if necessary)



CONNEX HOSE TO WINDOW KIT



Image: Visual instructions for connecting the exhaust hose to the portable air conditioner unit and then to the window kit.

Ensure the unit is placed on a flat, stable surface and that there is sufficient clearance around it for proper airflow.

OPERATING INSTRUCTIONS

The unit can be operated using the control panel on top of the unit or the included remote control.

Control Panel and Remote Functions:

- **Power Button:** Turns the unit On or Off.
- **Mode Button:** Cycles through Cooling, Dehumidifier, and Fan modes.
- **Temperature Up/Down Buttons:** Adjusts the desired temperature (61°F-88°F).
- **Speed Button:** Selects fan speed (High, Medium, Low) in Fan mode.
- **Timer Button:** Sets the 24-hour programmable timer for automatic On/Off.
- **Sleep Mode Button:** Activates quiet operation for comfortable sleep.
- **Swing Mode Button:** Controls the oscillation of the air vents for wider air distribution.

Operating Modes:

- **Cooling Mode:** Provides powerful cooling with 15,000 BTU capacity for rooms up to 700 sq. ft.
- **Dehumidifier Mode:** Removes excess moisture from the air, up to 100 pints per day.
- **Fan Mode:** Circulates air without cooling, with adjustable fan speeds (High, Medium, Low).

The unit operates quietly at approximately 53 dB, ensuring minimal disturbance.

MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your portable air conditioner.

Cleaning the Air Filter:

The air filter should be cleaned every two weeks or more frequently depending on usage and air quality.

1. Unplug the unit from the power outlet.
2. Locate and remove the air filter from the back of the unit.
3. Wash the filter with warm, soapy water. Rinse thoroughly.
4. Allow the filter to air dry completely before reinserting it. Do not expose to direct sunlight.

Draining Water:

The unit has a self-evaporative system, but in high humidity conditions, the water tank may fill up. When the tank is full, the unit will stop operating and display an error code (refer to troubleshooting section).

1. Unplug the unit.
2. Place a shallow pan or tray under the drain outlet at the bottom rear of the unit.
3. Remove the drain plug to allow water to flow out.
4. Once drained, replace the drain plug securely.



Image: Rear view of the portable air conditioner, highlighting the air filter access and the drain outlet.

Storage:

If storing the unit for an extended period, ensure it is completely drained and cleaned. Store in a dry, cool place, covered to protect from dust.

TROUBLESHOOTING GUIDE

Before contacting customer support, please refer to the following common issues and their solutions:

Problem	Possible Cause	Solution
Unit does not turn on.	No power; Power cord unplugged; Circuit breaker tripped; Water tank full.	Check power supply; Plug in firmly; Reset breaker; Drain water tank.
Unit does not cool effectively.	Air filter dirty; Room too large; Doors/windows open; Exhaust hose not properly installed; Temperature setting too high.	Clean air filter; Ensure room size is within 700 sq ft; Close all openings; Check hose connection; Lower temperature setting.
Unit is noisy.	Unit not on a level surface; Obstruction in fan/compressor.	Place on a flat surface; Check for and remove any obstructions.
Water leakage.	Drain plug loose; Unit tilted.	Ensure drain plug is secure; Place unit on a level surface.

PRODUCT SPECIFICATIONS

Model Number	A020B-10KR
Cooling Capacity (ASHRAE)	15,000 BTU
Cooling Capacity (SACC)	10,800 BTU
Recommended Cooling Area	Up to 700 sq. ft.
Dehumidifying Capacity	100 Pints/Day
Noise Level	≤ 53 dB
Product Dimensions (D x W x H)	19.8 x 13.3 x 30.7 inches
Item Weight	71 pounds
Color	White
Manufacturer	DENBIG
Country of Origin	China

WARRANTY INFORMATION

This DENBIG Portable Air Conditioner comes with a Manufacturer Warranty for 1 Year from the Date of Purchase. Please retain your proof of purchase for warranty claims.

For detailed warranty terms and conditions, please refer to the warranty card included in your product packaging or contact DENBIG customer support.

CUSTOMER SUPPORT

If you have any questions, require technical assistance, or need to make a warranty claim, please contact DENBIG customer support.

For the most up-to-date contact information, please visit the official DENBIG website or refer to the contact details provided in your product packaging.

You can also visit the [DENBIG Store on Amazon](#) for more product information and support resources.