Belaco BELPAC9B1

Belaco Portable Air Conditioner User Manual

Model: BELPAC9B1

1. Introduction

Thank you for choosing the Belaco Portable Air Conditioner. This 4-in-1 unit provides powerful cooling, fan operation, dehumidification, and a convenient night mode, designed to enhance comfort in your home, bedroom, cabin, office, living room, or kitchen. With 9000 BTUs of cooling power, it is ideal for spaces up to 215 square feet. This manual provides detailed instructions for safe operation, installation, maintenance, and troubleshooting.



Figure 1.1: Belaco Portable Air Conditioner highlighting its 4-in-1 functionality.

2. Safety Instructions

Please read all safety warnings and instructions carefully before using this appliance to prevent injury or damage. Keep this manual for future reference.

- Always connect the unit to a properly grounded power outlet.
- Do not operate the unit with a damaged cord or plug.
- Do not block air inlets or outlets. Ensure proper ventilation.
- Do not insert fingers or objects into the air outlet.
- Keep the unit away from water and other liquids.
- Unplug the unit before cleaning or performing any maintenance.
- This appliance uses R290 refrigerant, which is flammable. Handle with care and ensure proper ventilation during installation and maintenance.

- Do not attempt to repair or modify the unit yourself. Contact qualified service personnel.

3. Package Contents

Carefully unpack your Belaco Portable Air Conditioner and check that all items are present and in good condition. If any items are missing or damaged, please contact customer support.



Figure 3.1: All components included with the Belaco Portable Air Conditioner.

Included Components:

- Portable Air Conditioner Unit
- Remote Control
- Exhaust Hose
- Hose Connector (for unit)
- Window Venting Kit (adjustable slide window kit)
- Window Seal (for hinged windows)
- Drainage Hose

- User Manual

4. Installation

4.1 Unit Placement

Place the air conditioner on a flat, stable surface. The unit is equipped with 4 castor wheels for easy movement. Ensure there is at least 20 cm (8 inches) of space around the unit for proper airflow.



Figure 4.1: Unit mobility with castor wheels and drain port location.

4.2 Window Kit Installation

The unit comes with a dual window kit suitable for sliding windows, single/double-hung windows, and a window seal for hinged windows. Proper installation of the window kit is crucial for efficient cooling.



Figure 4.2: Venting kit installation for various window types.

1. **Connect Exhaust Hose:** Attach one end of the exhaust hose to the hose connector, then attach the connector to the air outlet on the back of the unit.
2. **Install Window Kit:** Adjust the window venting kit to fit your window opening. For hinged windows, use the provided window seal.
3. **Connect Hose to Window Kit:** Securely attach the other end of the exhaust hose to the opening in the window kit, ensuring no air leaks.

4.3 Drainage Setup

During dehumidification or prolonged cooling, water will accumulate. The unit has a drain port for continuous drainage or manual emptying.

- **Manual Drainage:** When the water tank is full, the unit will stop operating and display an indicator. Place a tray or shallow container under the drain port, remove the rubber plug, and allow water to drain. Replace the plug firmly after draining.
- **Continuous Drainage:** For continuous operation, connect the provided drainage hose to the drain port and lead the

other end to a suitable drain or larger container.

5. Operation

The Belaco Portable Air Conditioner can be controlled via its digital display panel or the included remote control.



Figure 5.1: Digital Control Panel and Remote Control.

5.1 Control Panel & Remote Control Functions

- **POWER:** Turns the unit On/Off.
- **TEMP+** / **TEMP-:** Adjusts the desired temperature.
- **MODE:** Cycles through operating modes: COOL, DEHUMIDIFY, FAN.
- **SPEED:** Adjusts fan speed (Low, High).
- **TIMER:** Sets the 24-hour timer for automatic On/Off.

- **NIGHT MODE:** Activates sleep mode (via remote or pressing Timer and Down buttons simultaneously).

5.2 Operating Modes

- **COOLING MODE:** Provides powerful cooling. The unit delivers 7000BTU on speed 1 and 9000BTU on speed 2.
- **DEHUMIDIFYING MODE:** Removes excess moisture from the air, with a capacity of 28.8L/Day.
- **FAN MODE:** Circulates air without cooling. Choose between low and high fan speeds.
- **NIGHT MODE:** Designed for comfortable sleep. The target temperature will automatically increase by 1°C every 2 hours, and the fan speed will switch to low.



Figure 5.2: Adjustable Fan Speed.



Figure 5.3: Dehumidifier Function.

5.3 Timer Function

The built-in 24-hour timer allows you to program the unit to turn on or off automatically. Press the TIMER button and use the TEMP+ / TEMP- buttons to set the desired time in 1-hour increments.

6. Maintenance

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

6.1 Cleaning the Air Filter

The air filter should be cleaned every two weeks or more frequently depending on usage and air quality. A dirty filter can reduce cooling efficiency.

1. Unplug the unit from the power outlet.
2. Locate and remove the air filter from the back or side of the unit.

3. Clean the filter with a vacuum cleaner or wash it gently with warm water and mild detergent.
4. Allow the filter to air dry completely before reinserting it into the unit.

6.2 Draining Accumulated Water

As described in Section 4.3, regularly drain the water collected in the internal reservoir, especially if not using continuous drainage.

6.3 Storage

If storing the unit for an extended period:

- Ensure all water is drained from the unit.
- Clean the air filter.
- Unplug the power cord and coil it neatly.
- Store the unit in a cool, dry place, away from direct sunlight and extreme temperatures.

7. Troubleshooting

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

Problem	Possible Cause	Solution
Unit does not turn on	No power; Power cord not plugged in; Full water tank.	Check power supply; Plug in power cord firmly; Drain water tank.
Unit not cooling effectively	Dirty air filter; Blocked air intake/outlet; Room too large; Window kit not sealed properly; Door/window open.	Clean air filter; Clear obstructions; Ensure room size is within coverage area; Re-install window kit for tight seal; Close doors/windows.
Unit is noisy	Unit not on a flat surface; Air filter dirty; Normal operating noise.	Place on a flat, stable surface; Clean air filter; Some noise is normal for portable AC units.
Water leaking	Drain plug not secure; Drainage hose loose or blocked.	Ensure drain plug is firmly inserted; Check drainage hose connection and clear any blockages.

8. Technical Specifications

Specification	Detail
Model Number	BELPAC9B1
Cooling Power	9000 British Thermal Units
Coverage Area	Up to 215 Square Feet
Voltage	220 Volts
Wattage	950 watts

Specification	Detail
Dehumidification Capacity	28.8 litres/day
Noise Level	65 dB
Refrigerant	R290 (Eco-friendly)
Energy Efficiency Rating	Class A
Dimensions (L x W x H)	29 x 33 x 68.6 cm
Item Weight	20.5 kg
Material	ABS

Figure 8.1: Product Dimensions.

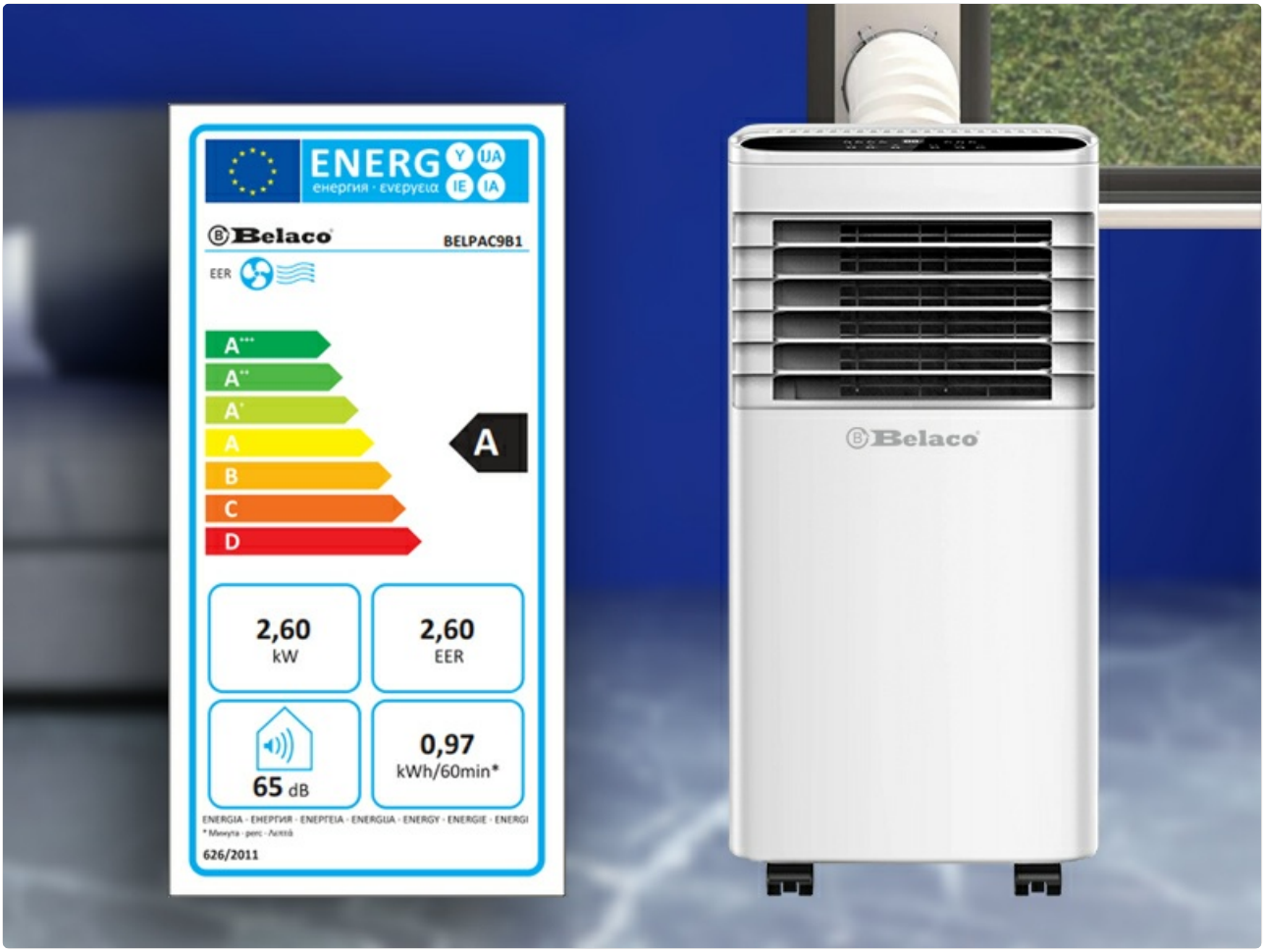


Figure 8.2: Energy Efficiency Label.

9. Warranty and Support

Belaco is committed to providing quality products and customer satisfaction. For any questions, technical support, or warranty claims, please refer to your purchase documentation or contact Belaco customer service. Please have your model number (BELPAC9B1) and proof of purchase ready when contacting support.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Answered questions about this manual

I lifted my Belaco BELPAC9B1 portable air conditioner to move it and tilted it slightly, causing water to leak out. Since then, it has been making a clunking and gurgling noise every 5-10 minutes. Is this fixable?

Yes, this is likely fixable. When a portable air conditioner is tilted, water from the internal collection tank can spill into areas it shouldn't, and more importantly, the refrigerant oil can migrate into the...

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