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Ballu Apollo

BALLU Apollo Portable Convection Panel Space Heater User Manual

Model: Apollo

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1. INTRODUCTION

Thank you for choosing the BALLU Apollo Portable Convection Panel Space Heater. This manual provides essential information for the safe and efficient operation of your new heater. Please read all instructions carefully before use and retain this manual for future reference.

Advanced digital control system



Image 1: The BALLU Apollo Portable Convection Panel Space Heater, shown in a room setting.

2. SAFETY INFORMATION

To prevent personal injury or property damage, always follow basic safety precautions when using electrical appliances. This heater is designed with several safety features:

- **Tip-Over Protection:** The heater will automatically shut off if it is accidentally tipped over.
- **Overheat Protection:** The unit will power down if it detects an internal overheating condition.
- **Child Lock:** This feature prevents unintended changes to settings by children.
- **V0 Flame-Retardant Materials:** Constructed with a metal case and V0 flame-retardant power cord and plug for enhanced safety.
- **Open Window Detection:** The heater can detect an open window and will temporarily pause heating to conserve energy.

Important: Do not cover the heater. Ensure adequate clearance around the unit for proper airflow. Always plug the heater directly into a wall outlet; do not use extension cords.

Silent and Comfortable



Doesn't dry the skin



No fan, No wind



Super Quiet, ≤25db



No Dazzling Light



Image 2: Visual representation of the heater's multiple safety protections, including tip-over, child lock, and overheat protection.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- BALLU Apollo Convection Panel Space Heater Unit
- Removable Casters (for freestanding use)
- Wall-Mounted Accessories (brackets and screws)
- User Manual

4. SETUP & INSTALLATION

The BALLU Apollo heater offers both freestanding and wall-mounted installation options.

4.1 Freestanding Installation

For freestanding use, attach the provided casters to the bottom of the heater. No additional tools are required for this step. Simply align the casters with the designated slots and secure them firmly.

Advanced digital control system



Image 3: The heater shown in its freestanding configuration with casters attached.

4.2 Wall Mount Installation

To mount the heater on a wall, use the included wall-mounted accessories. Ensure the wall surface is suitable for supporting the heater's weight and heat output. Follow the detailed instructions in the full user manual for secure wall mounting. A drill may be required for this installation method.



Image 4: The back of the heater, illustrating the brackets for wall mounting.

5. OPERATING INSTRUCTIONS

The BALLU Apollo heater features a user-friendly TFT digital display and touch control panel for easy operation.

5.1 Powering On/Off

To turn the heater on or off, press and hold the power icon on the control panel for 2 seconds.

5.2 Digital Display & Controls

The TFT digital display shows the current temperature and selected settings. Use the touch controls to navigate through menus and adjust parameters.

Higher Heating Efficiency

36% larger than traditional heating fins, our Patented hedgehog fins are extended to heat the whole room faster.

30s

Fast and gentle heating

15%

Energy Saving



Image 5: A detailed view of the advanced digital control system with TFT color screen, touch control, and various setting options.

5.3 Temperature Settings

Adjust the desired temperature between 41°F and 95°F using the up/down arrows on the control panel.

5.4 Heat Modes

Select from different heat modes to suit your needs:

- **Comfort Mode:** Maintains a consistent, comfortable temperature.
- **Smart Eco Mode:** Optimizes energy consumption by automatically adjusting heat output.
- **Anti-Freeze Mode:** Prevents the room temperature from dropping below a certain point (e.g., 41°F) to protect against freezing.

5.5 Timer Function

Program the heater to turn on or off at specific times using the 7*24h timer function. This allows for customized heating schedules throughout the week.

5.6 Child Lock

Activate the child lock feature to prevent accidental changes to settings. Refer to the full manual for

specific instructions on how to engage and disengage the child lock.

6. KEY FEATURES

- **100% Energy Conversion:** Features a patented hedgehog heating element made of aerospace aluminum, ensuring 100% conversion of electrical energy to thermal energy for faster heating and lower consumption.
- **Rapid Heating:** Experience warmth within 30 seconds of activation. Heats a full room evenly within 1-2 hours, depending on room size and insulation.
- **Energy Efficiency:** Direct air heating combined with an automatic thermostat system helps reduce energy bills.
- **Quiet & Comfortable:** Operates silently (below 25dB) without a fan, preventing dry air and maintaining natural humidity. No dazzling light for undisturbed sleep.
- **Versatile Placement:** Can be used as a freestanding unit with removable casters or mounted on a wall.



Image 6: Illustration demonstrating how the convection heater effectively warms an entire room.

Full room heats up quickly

Aerodynamic design enhances natural convection



*The first use is recommended to set the maximum temperature (96°F) and power (1500W) working for at least 1 hour.(150 sq ft heating time)



Larger Heating Area
 $\leq 300 \text{sq ft}$

Image 7: Diagram highlighting the higher heating efficiency due to patented hedgehog fins, leading to faster heating and energy saving.



Image 8: A comparison chart illustrating the benefits of convection heaters, such as full room heat, silent operation, and energy efficiency.

7. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your heater.

- **Cleaning:** Ensure the heater is unplugged and completely cool before cleaning. Use a soft, damp cloth to wipe the exterior. Do not use abrasive cleaners or allow water to drip into the interior.
- **Storage:** When not in use, store the heater in a cool, dry place, preferably in its original packaging.
- **Inspection:** Periodically check the power cord and plug for any signs of damage. If damage is found, discontinue use and contact customer support.

8. TROUBLESHOOTING

If you encounter issues with your heater, refer to the following common solutions. For more complex problems, consult the full user manual or contact customer support.

- **Heater does not turn on:** Ensure the power cord is securely plugged into a functional outlet. Check if the power button is pressed and held for 2 seconds. Verify that the circuit breaker has not tripped.
- **No heat output:** Confirm the desired temperature setting is higher than the ambient room temperature. Check if any safety features (e.g., tip-over, overheat protection) have been activated.
- **Unusual odors or sounds:** A new heater may emit a slight odor during initial use; this is normal and should dissipate. If strong or persistent odors/sounds occur, unplug the unit and contact support.

9. SPECIFICATIONS

Feature	Detail
Brand	Ballu

Model	Apollo
Special Feature	Energy Efficient, Noiseless, Portable
Color	Black
Form Factor	Pedestal
Indoor/Outdoor Usage	Indoor
Mounting Type	Wall Mount
Room Type	Bedroom, Home Office, Study Room
Heating Coverage	300 square feet
Burner Type	Radiant
Heat Output	1500 Watts
Package Dimensions	30 x 19 x 6.8 inches
Item Weight	14.57 pounds

10. WARRANTY & SUPPORT

For detailed warranty information and customer support, please refer to the warranty card included in your package or visit the official Ballu website. Keep your purchase receipt for warranty claims.

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