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BrilliantHouse CZ-198C

Electric Air Pump User Manual

Brand: BrilliantHouse

Model: CZ-198C

Introduction

Thank you for choosing the BrilliantHouse Electric Air Pump. This portable, quick-fill, and high-pressure air pump is designed for efficient inflation and deflation of various inflatable items. It is suitable for both indoor and outdoor use, offering convenience for travel, camping, and other activities.



Image: The BrilliantHouse Electric Air Pump, showing the main unit, three different sized nozzles, a 12V DC car adapter, and a 100-240V AC home adapter.

Important Safety Instructions

- This electric air pump is **NOT** compatible with high-pressure products such as balloons, tires, or basketballs.
- Do not operate the pump continuously for more than **20 minutes** to prevent overheating. Allow the unit to cool down before resuming use.
- Do not store the pump in a wet environment. Keep it dry.
- Keep children away from the air pump during operation.
- Never insert fingers or any objects into the inflate or deflate ports while the pump is in use.

Package Contents

Your BrilliantHouse Electric Air Pump package includes the following items:

- 1 x BrilliantHouse Electric Air Pump
- 1 x Home Power Adapter (100-240V AC)
- 1 x Car Power Adapter (12V DC)
- 3 x Universal Nozzles (Small, Medium, Large)



Image: The three universal nozzles (Small, Medium, Large) included with the pump. The small nozzle is 0.24 inches, medium is 0.67 inches, and large is 0.87 inches.



Image: The 12V DC car adapter and 100-240V AC home adapter, demonstrating versatility for indoor and outdoor use.

Setup Guide

Setting up your BrilliantHouse Electric Air Pump is straightforward. Follow these simple steps:

1. **Choose the Correct Nozzle:** Select one of the three universal nozzles (Small, Medium, Large) that best fits the valve of the inflatable item.
2. **Attach the Nozzle:** Securely attach the chosen nozzle to the desired port on the air pump (inflate or deflate).
3. **Connect Power:**
    - For indoor use, connect the home power adapter to the pump and plug it into a standard 100-240V AC wall outlet.
    - For outdoor or car use, connect the car power adapter to the pump and plug it into your vehicle's 12V DC cigarette lighter socket.



Image: Visual guide demonstrating the three simple steps: 1. Install the proper nozzle, 2. Insert the nozzle into your inflatable object, 3. Turn on the air pump.

Operating Instructions

Inflation

1. Ensure the correct nozzle is attached to the**inflate port** of the pump.
2. Insert the nozzle firmly into the air valve of the item you wish to inflate.
3. Turn on the air pump using the power switch. The pump will begin to inflate the item rapidly.
4. Once the item is fully inflated, turn off the pump and remove the nozzle.

Deflation

1. Attach the appropriate nozzle to the**deflate port** of the pump.
2. Insert the nozzle firmly into the air valve of the item you wish to deflate.
3. Turn on the air pump using the power switch. The pump will quickly draw air out of the item.
4. Once the item is deflated, turn off the pump and remove the nozzle.



Image: Visual representation of the inflate port (top) and deflate port (side) on the electric air pump, illustrating air flow during operation.

Applicable Uses

This air pump is versatile and can be used for a wide range of inflatable products, including but not limited to:

- Air Mattresses & Airbeds
- Air Sofas & Inflatable Furniture
- Swim Rings & Pool Floats
- Inflatable Boats, Kayaks, & Rafts
- Inflatable Pools & Pool Toys
- Small Bounce Houses
- Vacuum Storage Bags

- Inflatable Sleeping Bags



Image: Examples of items compatible with the air pump, such as swimming rings, pool floats, air mattresses, vacuum storage bags, inflatable pools, inflatable toys, rafts, and air sofas.

Maintenance

- **Cleaning:** Wipe the exterior of the pump with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the air pump and its accessories in a cool, dry place, away from direct sunlight and moisture. Ensure the pump is completely dry before storing.
- **Cord Care:** Avoid kinking or bending the power cords excessively. Store them neatly to prevent damage.

Troubleshooting

Problem	Possible Cause	Solution
Pump does not turn on.	No power supply; loose connection; power switch off.	Ensure the power adapter is securely plugged into the pump and a working outlet/car socket. Check the power switch is in the "ON" position.
Slow inflation/deflation.	Incorrect nozzle size; air leakage from valve; pump overheating.	Use the correct nozzle size for a snug fit. Check the inflatable item's valve for proper seal. If pump is hot, turn off and let it cool for 20-30 minutes.
Pump gets hot during use.	Continuous operation exceeding 20 minutes.	Turn off the pump immediately and allow it to cool down for at least 20 minutes before resuming operation.

Specifications

- **Model Name:** CZ-198C
- **Brand:** BrilliantHouse
- **Material:** Acrylonitrile Butadiene Styrene (ABS)
- **Color:** Black
- **Power Source:** Corded Electric (100-240V AC Home Adapter, 12V DC Car Adapter)
- **Maximum Pressure:** 0.7 PSI (5000 Pa)
- **Operation Mode:** Automatic
- **Item Weight:** 0.34 Kilograms (approx. 0.75 lbs)
- **Item Dimensions (LxWxH):** 4.1" x 3.8" x 3.8" (10.4 cm x 9.7 cm x 9.7 cm)
- **Included Components:** 1 x BrilliantHouse Air Pump, 1 x Home Power Adapter, 1 x Car Power Adapter, 3 x Nozzles



Image: The air pump's quick-fill and high-pressure design, capable of inflating a mattress in 3-5 minutes with 0.7 PSI (5000 Pa).

Warranty Information

The BrilliantHouse Electric Air Pump comes with a **2-year replacement warranty**. For warranty claims or further assistance, please contact BrilliantHouse customer support.

Customer Support

If you encounter any issues or have questions regarding your BrilliantHouse Electric Air Pump, please refer to the troubleshooting section or contact our customer support team for assistance. For the most up-to-date contact information, please visit the official BrilliantHouse website or refer to the packaging.
We are committed to providing excellent service and support for our products.

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