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Antarctic Star NCAA-08C/X1E

Antarctic Star U-Shaped Air Conditioner Window Unit 12000BTU User Manual

Brand: Antarctic Star | **Model:** NCAA-08C/X1E

INTRODUCTION

Thank you for choosing the Antarctic Star U-Shaped Air Conditioner. This innovative 12000BTU window unit is designed to provide efficient and quiet cooling for spaces up to 550 sq. ft. Its unique U-shaped design allows for a full window view and keeps the noisy compressor outside, ensuring a peaceful indoor environment. This manual provides essential information for safe operation, installation, maintenance, and troubleshooting.



Figure 1: Antarctic Star U-Shaped Air Conditioner Window Unit.

SAFETY INFORMATION

Please read all instructions carefully before using the appliance. Keep this manual for future reference. Always follow basic safety precautions to reduce the risk of fire, electric shock, or injury.

- Ensure the power supply matches the unit's requirements.
- Do not operate the unit with a damaged cord or plug.
- Do not insert fingers or objects into the air inlet/outlet.
- Keep flammable materials away from the unit.
- Always unplug the unit before cleaning or servicing.

PACKAGE CONTENTS

Verify that all items are included in the package:

- 1x Window Air Conditioner
- 1x User Manual
- 1x Remote Control
- Installation Kit

SETUP AND INSTALLATION

The Antarctic Star U-Shaped Air Conditioner is designed for easy installation in single-hung and double-

hung windows. No external bracket or extra support is typically needed.

Window Requirements:

- Minimum window opening: 16 inches high.
- Window width range: 24 to 48 inches.
- Maximum window sill depth: 11 inches.



Figure 2: Easy Installation Diagram with Window Dimensions.

Installation Steps:

1. Carefully unbox the unit and ensure all components are present.
2. Place the U-shaped unit into the window opening, ensuring the outdoor section is outside and the indoor section is inside.
3. Adjust the unit to fit snugly within the window frame. The saddle design allows the window to close down onto the unit.
4. Secure the unit using the provided installation kit, following the detailed instructions in the included user manual.
5. Ensure the unit is level to allow for proper drainage.



Saddle Design
For clear view and quiet



Full Window View
Avoid the view blocking



Silent Comfort
Keep the compressor outside

Quiet
50db

Moderate
60db

Our
45db

Figure 3: The U-shaped design allows for a full window view and quiet operation by keeping the compressor outside.

Installation Video:

Video 1: This video provides a visual guide to the installation process and highlights the key features of the U-shaped window AC unit.

OPERATING INSTRUCTIONS

Your Antarctic Star AC unit offers multiple modes and convenient controls for optimal comfort.

Control Panel and Remote Control:

The unit can be controlled via the touch panel on the unit or the included remote control. The remote allows for convenient adjustment of settings from a distance.

Convenient Touch and Remote Control



Figure 4: Control Panel and Remote Control Layout.

Operating Modes:

The unit features 6 versatile modes to suit your needs:

- **Cool Mode:** Provides rapid cooling for your space. Temperature range: 62°F to 86°F.
- **Dry Mode (Dehumidifier):** Removes excess moisture from the air, ideal for damp conditions.
- **Fan Mode:** Circulates air without cooling, providing a gentle breeze. Features 3 fan speeds.
- **Auto Mode:** Automatically selects the appropriate mode (Cool, Dry, or Fan) based on the room temperature.
- **Sleep Mode:** Adjusts temperature and fan speed for comfortable sleep while saving energy.
- **Energy Saver Mode:** Optimizes operation to reduce energy consumption.

3-IN-1 Versatile Window AC Unit



Figure 5: 3-in-1 Versatile Window AC Unit Modes.

Additional Features:

- **Timer:** Program the unit to turn on or off at specific times.
- **4-Way Adjustable Airflow:** Direct the airflow for tailored comfort.



Figure 6: Rapid Cooling and Airflow Capabilities.

MAINTENANCE

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

Washable Filter:

The unit includes a washable filter. Clean the filter regularly (e.g., every two weeks, or more often depending on usage) to maintain air quality and cooling efficiency. Refer to the detailed instructions in the main user manual for filter removal and cleaning procedures.

TROUBLESHOOTING

If you encounter issues with your air conditioner, refer to the following common troubleshooting tips. For more complex problems, contact customer support.

- **Unit does not turn on:** Check if the unit is plugged in securely and if there is power to the outlet. Check the circuit breaker.
- **Unit not cooling effectively:** Ensure the air filter is clean. Check if windows and doors are closed. Verify the temperature setting is appropriate.

- **Unusual noise:** Ensure the unit is installed level and securely. Check for any obstructions in the fan area.
- **Water leakage:** Ensure the unit is slightly tilted outwards for proper drainage. Check for any blockages in the drainage path.

SPECIFICATIONS



Figure 7: Product Dimensions and Energy Cost.

Feature	Detail
Product Dimensions	28.94 x 18.7 x 14.96 inches
Item Weight	68.2 pounds
Manufacturer	Antarctic Star
ASIN	B0DX6THTMJ
Country of Origin	China
Item model number	NCAA-08C/X1E
Form Factor	Cassette
Capacity	30 Liters (Dehumidification)
Voltage	115 Volts (AC)
Noise Level	45 dB
Cooling Power	12000 British Thermal Units
Special Feature	Remote Controlled, 4 Way Swing, Dust Filter, Dehumidifier, Fast Cooling
Seasonal Energy Efficiency Ratio (SEER)	10.9
Color	White

WARRANTY AND SUPPORT

This Antarctic Star U-Shaped Air Conditioner comes with a **1-Year Warranty** from the date of purchase. Please retain your proof of purchase for warranty claims.

For technical assistance, troubleshooting not covered in this manual, or warranty inquiries, please contact Antarctic Star customer support. Refer to the contact information provided on the product packaging or the official Antarctic Star website.