

## ARCTIC WIND 2AW5000MSA

# Arctic Wind 5,000 BTU Window Air Conditioner and Dehumidifier

## USER MANUAL



This image shows the front and top view of the Arctic Wind 5,000 BTU Window Air Conditioner, highlighting its compact design and mechanical controls.

## 1. Introduction

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Thank you for choosing the Arctic Wind 5,000 BTU 115V Window Air Conditioner and Dehumidifier. This unit is designed to provide efficient cooling and dehumidification for rooms up to 150 square feet. Its mechanical rotary controls offer customizable comfort, and the adjustable air fins allow precise airflow direction. This manual provides essential information for the safe and effective operation, installation, and maintenance of your new air conditioner. Please read it thoroughly before use and retain it for future reference.

## 2. Important Safety Information

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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.
- This appliance must be properly grounded. Consult a qualified electrician if you are unsure.
- Do not operate the air conditioner with a damaged cord or plug.
- Do not block air openings. Ensure proper ventilation around the unit.
- Unplug the unit before cleaning or performing any maintenance.
- Do not use this air conditioner near water or in excessively humid environments.
- Keep children and pets away from the unit during operation.

## 3. Product Overview

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### 3.1. Product Components

Your Arctic Wind air conditioner comes with the following main components:

- Window Air Conditioner Unit
- Window Installation Kit
- Washable Air Filter (pre-installed)



A side profile of the air conditioner, showing the side vents and overall casing.

### 3.2. Key Features

- **Cooling Capacity:** 5,000 BTUs, suitable for rooms up to 150 square feet.
- **Mechanical Rotary Controls:** Easy-to-use dials for temperature and mode selection.
- **Adjustable Air Fins:** Direct airflow precisely where needed for optimal comfort.
- **Dehumidifier Function:** Helps reduce humidity in the room.
- **Washable Filter:** Reusable filter for easy maintenance and consistent performance.
- **Window Mounting Kit:** Included for straightforward installation.

**MAXIMUM**

**COMFORT**



**Adjustable fins cool in any direction**



**Easy to use mechanical controls**



**Cools up to 150 sq. ft.**



This graphic highlights the adjustable air fins for directional cooling, the ease of use of mechanical controls, and the unit's capacity to cool areas up to 150 square feet.

## **4. Setup and Installation**

### **4.1. Before Installation**

- Choose a window that is structurally sound and can support the weight of the unit.
- Ensure the window dimensions are within the specified range: **width 23 to 36 inches, minimum height 14.5 inches.**
- Verify that a properly grounded 115V, 15 AMP electrical outlet is available near the installation window.

### **4.2. Window Installation**

The included window mounting kit simplifies the installation process. Follow the instructions provided with the kit for detailed steps. Generally, this involves:

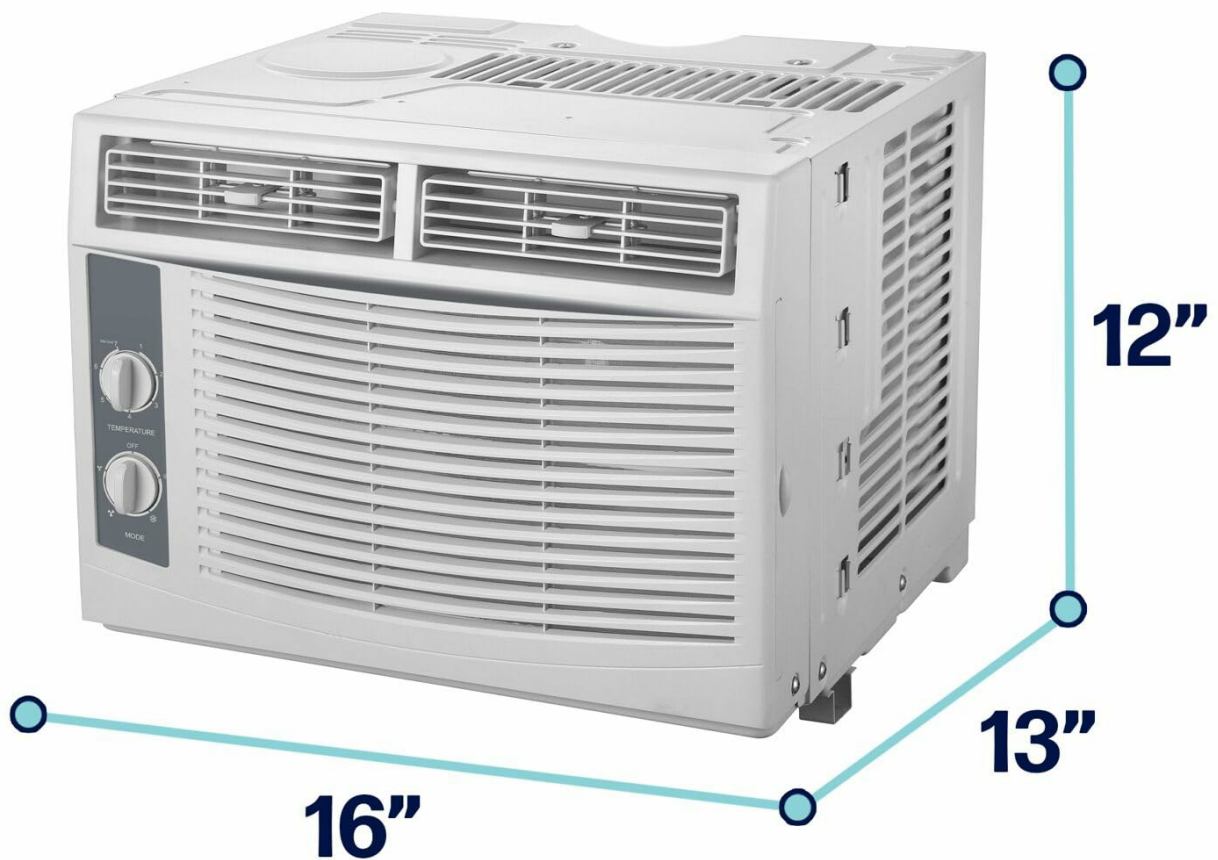
1. Prepare the window by cleaning the sill and frame.

2. Attach the top and bottom mounting rails to the air conditioner unit.
3. Carefully place the unit into the window opening, ensuring it is level or slightly tilted outwards for proper drainage.
4. Extend the side panels to fill the window gap and secure them with screws.
5. Install the foam seals to prevent air leakage.

## DIMENSIONS



**115V  
15 AMP**



A visual representation of the air conditioner's dimensions, indicating a width of 16 inches, a depth of 13 inches, and a height of 12 inches, along with electrical specifications (115V, 15 AMP).





The air conditioner is shown installed in a window, demonstrating its integration into a typical room setting with natural light and plants.

## 5. Operating Instructions

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### 5.1. Control Panel

The Arctic Wind 5,000 BTU unit features simple mechanical rotary controls for ease of use.



This image shows the mechanical control panel with two rotary dials: one for temperature and one for mode/fan speed.

- **Temperature Dial:** Adjusts the desired cooling temperature. Turn clockwise for colder settings, counter-clockwise for warmer settings.
- **Mode/Fan Speed Dial:** Selects the operating mode and fan speed.

## 5.2. Operating Modes

- **OFF:** Turns the unit off.
- **FAN:** Operates the fan only, circulating air without cooling. Typically has two speeds: Low and High.
- **COOL:** Provides cooling. The compressor will engage to cool the room to the set temperature. Typically has two cooling speeds: Low Cool and High Cool.
- **DEHUMIDIFIER:** Reduces humidity in the air. The unit will operate to remove moisture from the room.

To adjust the airflow direction, manually move the horizontal and vertical louvers on the front of the unit.

## 6. Maintenance

Regular maintenance ensures optimal performance and extends the life of your air conditioner. Always unplug the unit before performing any maintenance.

### 6.1. Air Filter Cleaning

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

1. Open the front grille of the unit.
2. Carefully slide out the washable air filter.
3. Wash the filter with warm, soapy water. Rinse thoroughly.
4. Allow the filter to air dry completely before reinserting it. Do not use hot water or dry with direct heat.



This image displays the front of the air conditioner with the grille swung open, showing the easily accessible and removable washable air filter for maintenance.





The air conditioner is shown from the front, with the air filter completely removed, illustrating the internal fan and cooling coils.

## 6.2. General Cleaning

- Wipe the cabinet with a soft, damp cloth. Do not use harsh chemicals or abrasives.
- Ensure the drainage area at the back of the unit is clear of debris.

## 7. Troubleshooting

Before contacting customer service, try the following solutions for common issues:

Problem	Possible Cause	Solution
Unit does not turn on	No power; Plug not fully inserted; Circuit breaker tripped.	Check power outlet; Ensure plug is secure; Reset circuit breaker.

Problem	Possible Cause	Solution
Unit not cooling effectively	Dirty air filter; Room too large; Temperature setting too high; Blocked air vents.	Clean air filter; Ensure room size is within unit's capacity; Lower temperature setting; Clear obstructions from vents.
Excessive noise	Unit not level; Loose parts; Obstruction in fan.	Ensure unit is level; Check for and tighten any loose screws; Inspect fan for foreign objects.
Water dripping inside	Unit not tilted slightly outwards; Drain pan full/clogged.	Adjust unit to have a slight outward tilt; Check and clear drain pan if accessible.

## 8. Specifications

Feature	Specification
Brand	ARCTIC WIND
Model	2AW5000MSA
Cooling Power	5000 British Thermal Units (BTU)
Voltage	115 Volts
Wattage	460 Watts
Installation Type	Window
Material	Plastic
Color	White
Item Weight	16 kg 300 g
Item Dimensions (LxWxH)	33.4 x 40.6 x 30.5 Centimeters
Special Features	Fast Cooling, Dehumidifier

## 9. Warranty and Support

Your Arctic Wind air conditioner comes with a manufacturer's warranty. Please refer to the warranty documentation included with your product for specific terms and conditions. For technical support, troubleshooting assistance beyond this manual, or warranty claims, please contact Arctic Wind customer service. Contact information can typically be found on the product packaging or the manufacturer's official website.



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U.S. Government Federal law prohibits removal of this label before consumer purchase.

# ENERGYGUIDE

Room Air Conditioner  
Without Remote Cycle  
With Louvered Slides

ARCTIC WIND  
Model SAW0900MSA  
Capacity : 5,000 BTUs

**Estimated Yearly Energy Cost**

**\$44**

Cost Range of Similar Models

\$40 \$53


**11.0**

Combined Energy Efficiency Ratio

**Your cost will depend on your utility rates and use.**

- Cost range based only on models of similar capacity without remote cycle and with louvered slides.
- Estimated energy cost based on a national average electricity cost of 12 cents per kWh and a seasonal use of 8 hours a day over a 3 month period.
- For more information, visit [www.ftc.gov/energy](http://www.ftc.gov/energy).

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# ARCTIC WIND®

## WINDOW AIR CONDITIONERS

### BTU'S

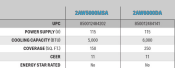
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**ZW5000A**

- Remote adjustable
- Slide-in reusable filter
- 2-speed fan with 8 fan speeds
- 2-way air direction control
- Electronic timing lock control
- ETL EAP packaging



**ZW6000A**

BTU'S	SEER	ENERGY STAR
POWER SUPPLY (V)	115V	115V
CURRANT DRAW (Amps)	20.0	20.0
CONDENSING (LBS)	58	58
NET WEIGHT (LBS)	58	58
ENERGY STAR RATED	Yes	Yes
ENERGY STAR CERTIFIED	Yes	Yes
ENERGY STAR ENERGY GUIDE	Yes	Yes
APPLS	1	1
REFRIG.	Yes	Yes
REFRIG. TYPE	R410A	R410A
REFRIG. CAPACITY (LBS)	100	100
REFRIG. CAPACITY (TONS)	2.5	2.5
REFRIG. CAPACITY (BTU'S)	12,000	12,000
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Arctic Wind 150 Sq Ft 5 000 BTU Window Air Conditioner Spec Specification Sheet 2AW5000MSA

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Specification Sheet Arctic Wind 12000 BTU Electronic Window A C DOE R32 3AW12000DA Recreation

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