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ARCTIC WIND 2APP13000

Arctic Wind 13,000 BTU Portable Air Conditioner User Manual

Model: 2APP13000
Brand: ARCTIC WIND

Product Overview

The Arctic Wind 13,000 BTU Portable Air Conditioner is designed to provide efficient cooling, heating, and dehumidification for your living space. With a powerful 13,000 ASHRAE (8,000 DOE) BTU cooling capacity, it can effectively cool rooms up to 400 square feet. For year-round comfort, an 11,000 BTU heat pump is integrated to provide warmth during cooler seasons. This unit features easy-roll casters and side handles for convenient portability, allowing you to move it between rooms as needed. Digital controls, an auto mode, and a 24-hour timer offer precise temperature management and energy efficiency. The unit also includes a washable filter for easy maintenance and an auto-restart function in case of power outages. A remote control provides convenient operation from anywhere in the room.





Figure 1: Front view of the Arctic Wind Portable Air Conditioner.

Key Features

- **Powerful Cooling & Heating:** 13,000 ASHRAE (8,000 DOE) BTU cooling capacity for areas up to 400 sq. ft., and an 11,000 BTU heat pump for heating.
- **3-in-1 Functionality:** Offers cooling, heating, and dehumidification modes.
- **Portable Design:** Equipped with easy-roll casters and side handles for effortless movement between rooms.
- **Digital Controls & Auto Mode:** Precise temperature control and an auto mode that maintains your desired temperature, with auto-restart after power outages.
- **24-Hour Timer:** Allows for scheduled operation to optimize energy usage.
- **Washable Air Filter:** Easy-access, tilt-out, removable, and washable filter with a check filter indicator light for simple maintenance.

- **Remote Control:** Conveniently adjust settings from across the room.
- **Low Noise Operation:** Operates at a sound level of 54 dB.



Figure 2: Visual representation of key features including fan speeds, timer, auto mode, and cooling capacity.

Setup and Installation

The Arctic Wind Portable Air Conditioner comes with an easy installation kit for window venting. Follow these general steps for setup:

1. **Unpack the Unit:** Carefully remove the air conditioner and all accessories from the packaging.
2. **Position the Unit:** Place the unit on a flat, stable surface near a window and a grounded electrical outlet. Ensure there is adequate space around the unit for proper airflow.
3. **Install the Window Venting Kit:**

- Assemble the window slider kit according to the instructions provided in the full manual to fit your window opening.
- Attach the exhaust hose to the unit and then to the window slider kit. Ensure a secure connection to prevent air leakage.
- Extend the exhaust hose to the window and seal any gaps around the window kit to maximize efficiency.

4. **Plug In:** Connect the power cord to a 115V grounded electrical outlet.





Figure 3: Examples of the portable AC unit installed with the window venting kit.

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Video 1: Official product video demonstrating the Arctic Wind Portable Air Conditioner, including its setup and features.

Operating Instructions

The unit can be operated using the control panel on top of the unit or the included remote control. Ensure the unit is properly plugged in and vented before operation.



Figure 4: Top control panel with digital display and function buttons.

Control Panel Functions:

- **Power Button:** Turns the unit ON or OFF.
- **Mode Button:** Cycles through operating modes: Cool, Heat, Dehumidify, Fan.
- **Temperature Up/Down Arrows:** Adjusts the desired temperature setting.
- **Fan Speed Button:** Selects fan speed (Low, Medium, High).
- **Timer Button:** Sets the 24-hour ON/OFF timer.
- **Auto Mode:** Automatically selects the operating mode (Cool, Heat, or Fan) and fan speed based on the ambient room temperature to maintain the set temperature.
- **Sleep Mode:** Adjusts temperature and fan speed for quiet, comfortable sleep.

For detailed instructions on setting specific modes and timer functions, please refer to the comprehensive user manual included with your product.

Maintenance

Regular maintenance ensures optimal performance and longevity of your portable air conditioner. The unit features a washable air filter and a check filter indicator light to remind you when cleaning is needed.

Cleaning the Air Filter:

1. **Power Off:** Always unplug the unit from the power outlet before performing any maintenance.
2. **Access Filter:** Locate the filter access panel, typically on the side or back of the unit. The Arctic Wind unit features an easy

tilt-out design.

3. **Remove Filter:** Gently tilt out and remove the air filter.
4. **Clean Filter:** Wash the filter under running water (preferably warm, soapy water) to remove dust and debris. For heavy dirt, a vacuum cleaner can be used before washing.
5. **Dry Filter:** Allow the filter to air dry completely before reinserting it into the unit. Do not expose to direct sunlight or excessive heat.
6. **Reinstall Filter:** Once dry, carefully slide the filter back into its slot and close the access panel.

It is recommended to clean the air filter every two weeks, or more frequently depending on usage and air quality.



Figure 5: Easy access to the removable and washable air filter.

Troubleshooting

If your Arctic Wind Portable Air Conditioner is not operating as expected, refer to the following common issues and solutions. For more complex problems, consult the full user manual or contact customer support.

Problem	Possible Cause	Solution
Unit does not turn ON.	No power, power cord unplugged, circuit breaker tripped.	Ensure unit is plugged into a live outlet. Check circuit breaker.
Unit is not cooling effectively.	Dirty air filter, exhaust hose not properly installed/sealed, room size too large, windows/doors open.	Clean air filter. Check exhaust hose connection and window seal. Close all windows and doors. Ensure room size is within specified limits (up to 400 sq. ft.).
Unit is noisy.	Unit not on a level surface, fan speed too high.	Place unit on a flat, stable surface. Reduce fan speed if noise is excessive. (Note: Normal operating sound level is 54 dB).
Water leakage.	Drain plug not properly secured, condensate pan full (in high humidity).	Ensure drain plug is tightly closed. Drain condensate pan if full (refer to manual for draining procedure).

Specifications

Attribute	Detail
Model Number	2APP13000
Cooling Capacity (ASHRAE)	13,000 BTU
Cooling Capacity (DOE)	8,000 BTU
Heating Capacity	11,000 BTU
Recommended Coverage Area	Up to 400 sq. ft.
Voltage	115 Volts
Wattage	1060 watts
Sound Level	54 dB
Refrigerant Type	R-32
Product Dimensions (D x W x H)	14.56" x 17.5" x 28.15"
Item Weight	65.6 pounds
Material	Plastic
Color	White

Attribute	Detail
Included Components	Air Conditioner, Manual, Warranty, Window Venting Kit, Remote (Batteries for remote not included)



Figure 6: Product dimensions for planning placement.

Warranty and Support

The Arctic Wind 13,000 BTU Portable Air Conditioner comes with a **1 Year Limited Warranty**. For warranty claims, technical support, or any inquiries regarding your product, please refer to the contact information provided in the full user manual or visit the official Arctic Wind website.

Please retain your proof of purchase for warranty purposes.

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