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Moucit AP14001HS

Moucit EdgeStar AP14001HS Portable Air Conditioner and Heater User Manual

Model: AP14001HS | Brand: Moucit

1. INTRODUCTION

This manual provides detailed instructions for the safe and efficient operation, installation, and maintenance of your Moucit EdgeStar AP14001HS Portable Air Conditioner and Heater. This unit is designed to provide cooling, heating, dehumidification, and fan-only functions for indoor spaces. Please read this manual thoroughly before using the appliance and retain it for future reference.

2. IMPORTANT SAFETY INFORMATION

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, or injury.

- Ensure the unit is placed on a stable, level surface.
- Do not operate the unit with a damaged cord or plug.
- Keep the air intake and exhaust vents clear of obstructions.
- Do not insert objects into the air vents.
- Unplug the unit before cleaning or performing any maintenance.
- This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

3. PRODUCT FEATURES

The Moucit EdgeStar AP14001HS is a versatile portable climate control unit with the following key features:

- **Cooling Capacity:** 14,000 British Thermal Units (BTUs)
- **Coverage Area:** Ideal for rooms 400 - 525 sq. ft. (actual coverage depends on heat load)
- **Functions:** Cooling, Heating, Dehumidifier, and Fan
- **Energy Requirements:** 115 Volts / 60 Hertz
- **Noise Level:** Maximum <56dB
- **Timer:** 24-hour programmable timer
- **Thermostat:** Adjustable from 61°F - 89°F, displayable in Fahrenheit or Celsius

- **Window Kit:** Included, extends up to 34 inches max, with an extendable exhaust hose up to 49 inches
- **Refrigerant:** R 410A
- **Control:** Remote control included
- **Auto-Restart:** Unit resumes previous settings after power interruption.



Figure 1: Front view of the Moucit EdgeStar AP14001HS portable air conditioner.

PROTECTIVE OUTER GRID

Safe for your kids and pets



Figure 2: Back view of the unit, illustrating the exhaust hose connections.

4. SETUP AND INSTALLATION

Proper setup is crucial for optimal performance. Follow these steps for installation:

1. **Unpacking:** Carefully remove the unit from its packaging. Inspect for any shipping damage.
2. **Positioning:** Place the unit on a flat, stable surface. Ensure there is at least 20 inches of space around the unit for proper airflow.
3. **Initial Stand Time:** Allow the unit to stand upright for at least 24 hours before plugging it in. This allows the refrigerant to settle.
4. **Window Kit Installation:** Install the included window kit into a compatible window opening (up to 34 inches wide). Connect the extendable exhaust hose (up to 49 inches) to the unit and the window kit, ensuring a secure seal to prevent air leakage.
5. **Power Connection:** Plug the unit into a standard 115V/60Hz electrical outlet.

ANTI-SHOCK GRID DESIGN WITH LESS THAN 6mm INTERVAL

Protect you from electric shock by false touch



Figure 3: Unit with the window kit and exhaust hose properly installed.

Video: Understanding BTU Requirements

Video 1: This video provides guidance on selecting the appropriate BTU size for your portable air conditioner based on room dimensions and other factors.

5. OPERATING INSTRUCTIONS

Your EdgeStar AP14001HS unit can be operated via the control panel on the unit or the included remote control.

Control Panel and Display



Figure 4: Close-up of the unit's control panel and digital display.

The LCD display shows the current temperature and selected settings. Indicator lights on the control panel signify the active mode:

- **Top Light (First Row):** Indicates Cooling Mode.
- **Middle Light:** Indicates Fan Mode.
- **Bottom Light:** Indicates Dehumidifying or Heating Mode. If red, it signifies Heating Mode.

Operating Modes

- **Cooling Mode:** Set your desired temperature between 61°F and 89°F. The unit will cool the room to this setting.
- **Heating Mode:** The unit can also provide heat. Select the desired temperature.
- **Dehumidifier Mode:** Removes excess moisture from the air.
- **Fan Mode:** Circulates air without cooling or heating.

Use the remote control to conveniently adjust settings from a distance. The 24-hour programmable timer allows you to set the unit to turn on or off automatically.

6. MAINTENANCE

Regular maintenance ensures the longevity and efficiency of your unit.

- **Filter Cleaning:** The air filter is easily removable and should be cleaned regularly (e.g., every two weeks) to maintain airflow and cooling efficiency. Wash with warm, soapy water, rinse thoroughly, and allow to air dry completely before reinserting.
- **Condensate Drainage:** The unit features an evaporative system that typically expels moisture through the exhaust tube. In highly humid environments, the internal drain pan may accumulate water and require manual emptying. Refer to the full manual for instructions on draining the unit.
- **Exterior Cleaning:** Wipe the exterior of the unit with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** If storing the unit for an extended period, ensure it is clean and dry. Disconnect the hoses and store them properly. Cover the unit to protect it from dust.

7. TROUBLESHOOTING

Before contacting customer support, try these common troubleshooting steps:

- **Unit Not Turning On:** Check if the power cord is securely plugged into a working outlet. Ensure no circuit breaker has tripped.
- **Insufficient Cooling/Heating:** Verify that the exhaust hose is properly installed and sealed, and that the window kit is secure. Check if the air filter is clean. Ensure the room size is within the unit's recommended BTU capacity. Close all doors and windows in the area being conditioned.
- **Unusual Noises:** A slight fan noise is normal. If you hear loud or unusual noises, ensure the unit is on a level surface and not vibrating against anything.
- **Water Leakage:** If water is leaking, the drain pan may be full, especially in high humidity. Refer to the manual for instructions on how to drain the unit. Ensure the unit is level.
- **Control Panel Lights:** Refer to the 'Operating Instructions' section for the meaning of the control panel indicator lights.

8. SPECIFICATIONS

Specification	Value
Brand	Moucit
Model Name	AP14001HS
Cooling Power	14000 British Thermal Units
Voltage	115 Volts
Noise Level	56 Decibels
Refrigerant	R 410A
Power Source	Corded Electric
Floor Area Coverage	525 Square Feet
Item Weight	75 Pounds
Control Method	Remote Control

Color	Black, Silver
UPC	854502001993, 791511548937

9. WARRANTY AND SUPPORT

This Moucit EdgeStar AP14001HS unit comes with a **Limited Warranty**. For specific details regarding warranty coverage, terms, and conditions, please refer to the warranty card included with your product or contact customer support.

Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty claims, please contact Moucit customer support. Contact information can typically be found on the product packaging, the official Moucit website, or your purchase documentation.