

Montgomery  
**Ward**

Montgomery<sup>®</sup>  
**Ward**

*Cool,  
comfortable  
air!*

## 8000 BTU Window Air Conditioner



## Instruction Manual

Item: 769358

Montgomery Ward Customer Service  
3650 Milwaukee Street, Madison, WI 53714  
8:00 am to Midnight, Monday through Friday

**Wards.com 1•888•557•3848**

**Wards.com 1•888•557•3848**



Thank you  
for your  
purchase!

Thank you for purchasing your Montgomery Ward Window Air Conditioner. Put through the paces by the experts, we guarantee that it will perform to the highest standard, time after time, with all the convenience and durability you rely on from Wards.

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## Important Safeguards

### READ CAREFULLY BEFORE USING AND SAVE THESE INSTRUCTIONS!

- FOR HOUSEHOLD USE ONLY. DO NOT use this appliance for other than its intended use.
- REMOVE all packaging materials and labels before first use. **Save the carton—it is the best way to store this unit during winter, or when not in use.**
- DO NOT drape the cord over the counter or tabletop, where it can be pulled on or tripped over. Never wrap the cord tightly around the appliance as this could cause the cord to fray or break. Do not set heavy objects on cord.
- We DO NOT recommend using an extension cord with this appliance.
- Close supervision is necessary when using this appliance near children.
- A fire may occur if this appliance is used near flammable materials. DO NOT place the appliance or its cord on or near a heated surface.
- DO NOT use near water or operate in a damp room, such as a laundry room or bathroom. DO NOT allow water to flow into air conditioner.
- DO NOT use an accessory or attachment not recommended by Montgomery Ward, as this may cause injury, or damage the appliance.
- Keep hands, hair and clothing away from all moving parts.
- DO NOT use outdoors.
- DO NOT position the unit so the cold air blows directly at a person, pet or plant.
- DO NOT drink water drained from this air conditioner.
- Unplug the unit if it begins to make strange sounds or produces odor.
- Turn off and unplug this appliance when not in use.
- NO SERVICEABLE PARTS INSIDE THIS APPLIANCE.
- DO NOT USE AN APPLIANCE WITH A DAMAGED CORD OR PLUG, OR AFTER THE APPLIANCE MALFUNCTIONS, OR HAS BEEN DAMAGED IN ANY MANNER.
- Appliances/tools contain valuable materials that can be recycled. Dispose of your old appliances/tools using appropriate collection systems in accordance with local and federal regulations.
- The power cord contains a current device (LCDI) that senses damage to the power cord. To check the TEST and RESET buttons:
  1. Plug in the air conditioner. Press TEST and you will notice a click as the RESET button pops out.
  2. Press RESET and you will notice a click as the button engages.
  3. The cord is now supplying electricity to the unit.
  4. DO NOT use this device to turn the unit on or off.
  5. If this device fails to reset, DO NOT use the air conditioner.
- DO NOT open the unit during operation.

## Electrical Safety

**This appliance is equipped with a 3-prong grounding plug with LCDI (Leakage Current Detection and Interrupter).** This is a safety feature to reduce the risk of electrical shock. USING AN EXTENSION CORD OR ADAPTOR PLUG IS NOT RECOMMENDED WITH THIS APPLIANCE. IT IS RECOMMENDED THAT AN ELECTRICAL OUTLET SERVING ONLY THIS APPLIANCE BE USED. This outlet must be properly installed and grounded. If you have any questions about the grounding or electrical instructions, contact a qualified electrician. Do not attempt to modify the plug in any way. Montgomery Ward cannot accept any liability for damage or injury resulting from failure to observe these safety procedures.

## Specifications

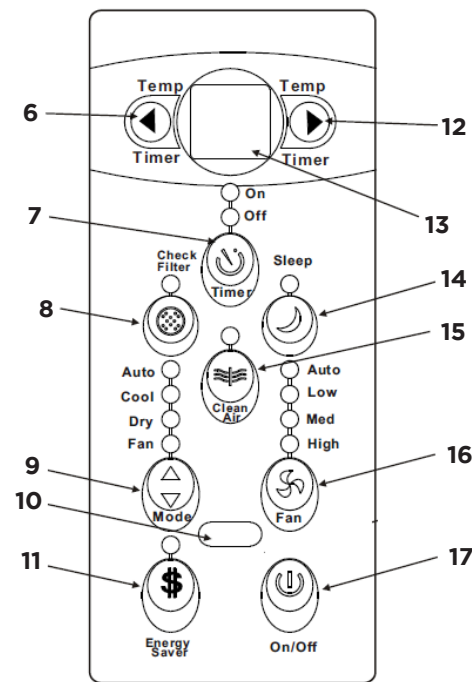
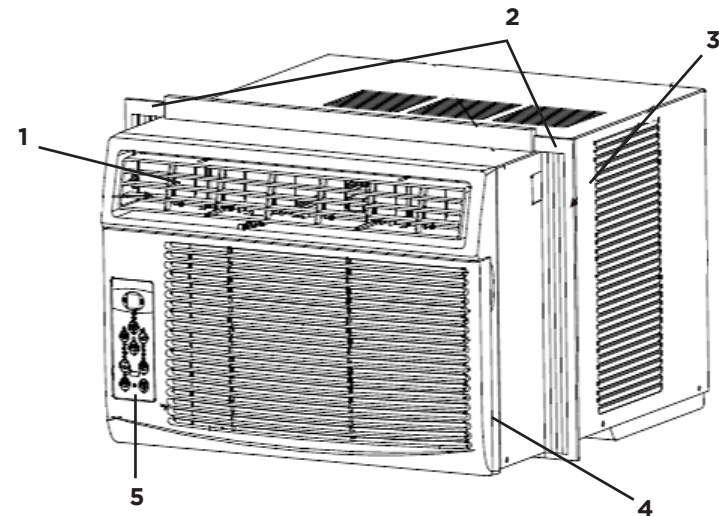
|                     |                                |
|---------------------|--------------------------------|
| <b>POWER RATING</b> | <b>6.5 Amps, 115V, 60Hz</b>    |
| <b>COOLING AREA</b> | <b>350 sq. ft.</b>             |
| <b>CORD LENGTH</b>  | <b>80"</b>                     |
| <b>DIMENSIONS</b>   | <b>18½" W x 13½" H x 16" D</b> |
| <b>WEIGHT</b>       | <b>46 lbs.</b>                 |
| <b>MODEL</b>        | <b>ACE8005MW (8000 BTU)</b>    |

## Parts & Features

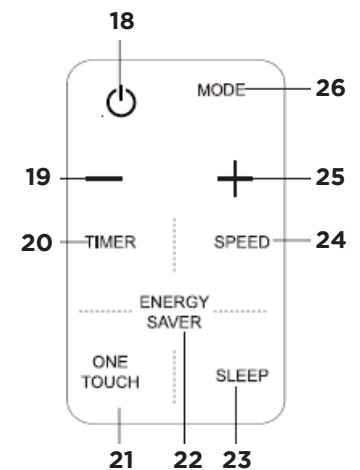
- |                            |                                 |
|----------------------------|---------------------------------|
| 1. Louvers                 | 14. Sleep                       |
| 2. Accordion Panels        | 15. Clean Air (12,000 BTU only) |
| 3. Cabinet                 | 16. Fan                         |
| 4. Front Panel             | 17. OFF/ON                      |
| 5. Control Panel           | 18. Remote OFF/ON               |
| 6. Decrease Time or Temp   | 19. Remote Temp Down            |
| 7. Timer                   | 20. Remote Timer                |
| 8. Check Filter Reset      | 21. Remote One Touch            |
| 9. Mode                    | 22. Remote Energy Saver         |
| 10. Remote Signal Receptor | 23. Remote Sleep                |
| 11. Energy Saver           | 24. Remote Fan Speed            |
| 12. Increase Time or Temp  | 25. Remote Temp Up              |
| 13. Display                | 26. Remote Mode                 |

## Parts & Features (cont.)

**Note: All the illustrations in this manual are for explanation purpose only. Your air conditioner may be slightly different. The actual shape shall prevail.**



Control Panel



Remote

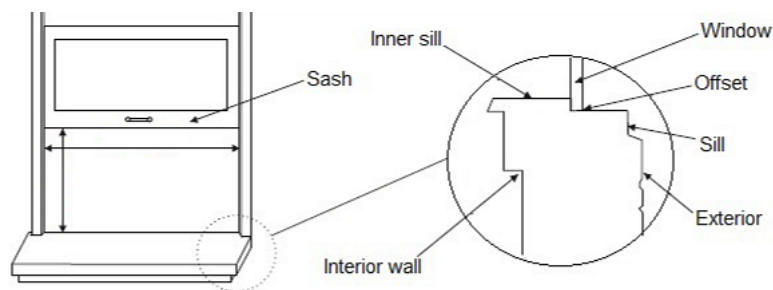
## Installation

**We recommend that two people install this product. Basic mechanical skills are required. Installation time should be about 1 hour and proper installation is the responsibility of the installer. Product failure due to improper installation is not covered under the warranty. You MUST use all supplied parts and use proper installation procedures as described in these instructions.**

**Tools you will need:** phillips screwdriver, level

**Tools you may need:** flat screwdriver, pencil, tape measure, scissors or knife

The air conditioner is designed to install in a standard, double-hung window. Lower sash must open sufficiently to allow a clear vertical opening (see table below). Side and rear of the unit must have clear air space to allow enough airflow through the condenser for heat removal. The rear of the unit must be outdoors, not inside a building or garage.



| Model          | 6000 or 8000 BTU | 10,000 or 12,000 BTU |
|----------------|------------------|----------------------|
| Opening Height | 14" MIN          | 15½" MIN             |
| Opening Width  | 23" MIN-36" MAX  | 23" MIN-36" MAX      |

**Mounting Hardware:**



1/2-3/4" screw (7)



frame lock (2)



sash lock (1)

**+window sash seal foam & weather stripping**

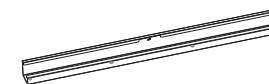
## Installation (cont.)

1. Remove the air conditioner from the carton and place on a flat surface.
2. Remove the top rail and screws from the packaging material.

**Top Rail Hardware:**

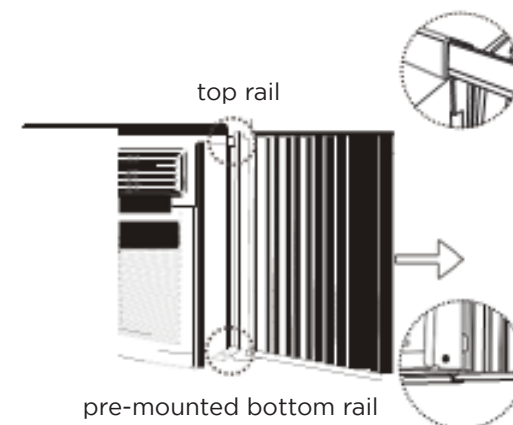


screw (4)



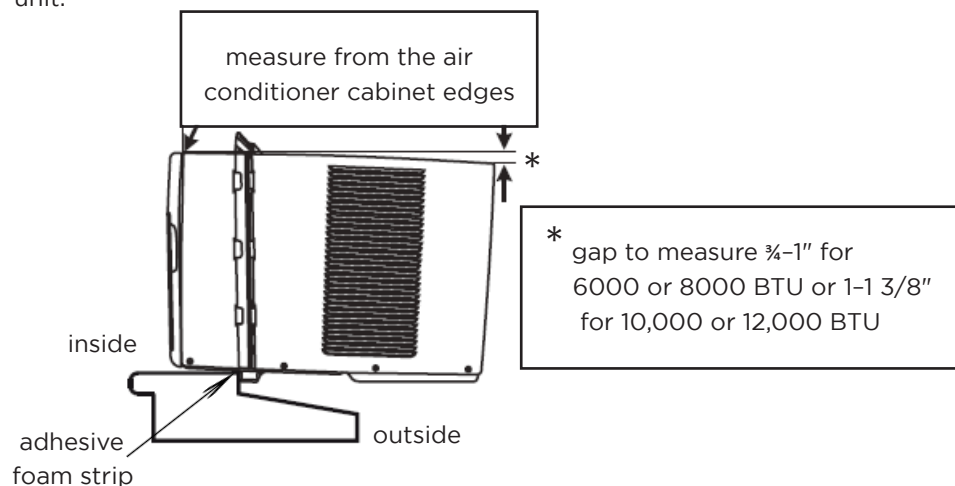
top rail (1)

3. Align the holes in the top rail with those in the top of the air conditioner.
4. Secure the top rail to the unit with top rail screws. **All 4 screws must be used!**
5. The top rail and the accordion panels at each side are offset to provide the proper pitch to the rear of the air conditioner. This is necessary for proper condensed water utilization and drainage. If you are not using the accordion panels for any reason, this pitch to the rear must be maintained. See page 8 #8 for more instruction on the required pitch.
6. Hold an accordion panel in one hand and gently pull back the center to free the open end. Slide the free end "I" section of the panel directly into the air conditioner cabinet.
7. Slide the panel down. Be sure to leave enough space to slip the top and bottom of the frame into the rails on the cabinet. Once the panel has been installed on the side, make sure it sits securely inside the frame channel by making slight adjustments. Slide the top and bottom ends of the frame into the top and bottom rails of the cabinet. Slide the panel all the way in and repeat on other side.

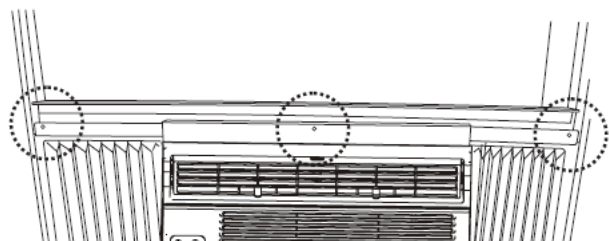
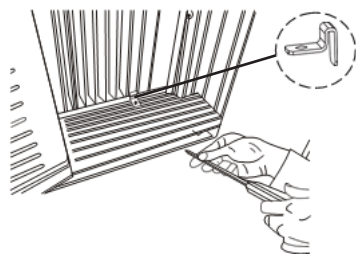


## Installation (cont.)

8. Cut to size and attach an adhesive foam strip to the base of the window opening (sill). Add the other adhesive foam strip to the underside of the window sash (this will close down on the air conditioner).
9. Keep a firm grip on the air conditioner and carefully place the unit into the window opening so the bottom of the air conditioner frame is against the window sill. Carefully close the window sash down behind the top rail of the unit.

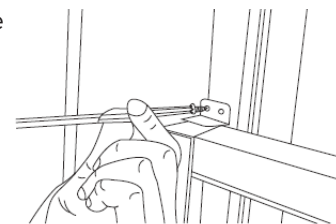
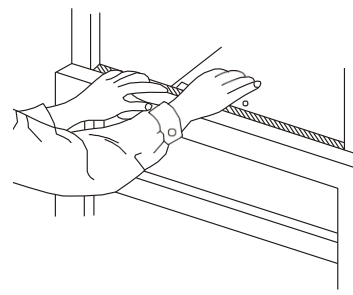


10. Extend the accordion panels out to the window frame.
11. To install the frame lock, predrill pilot holes in the sill and left and right bottom of panel and place the frame lock between the frame extensions and the window sill. Drive two 1/2-3/4" screws through the frame lock and into the sill.
12. Drive three 1/2-3/4" screws through the frame holes into the window sash (below).



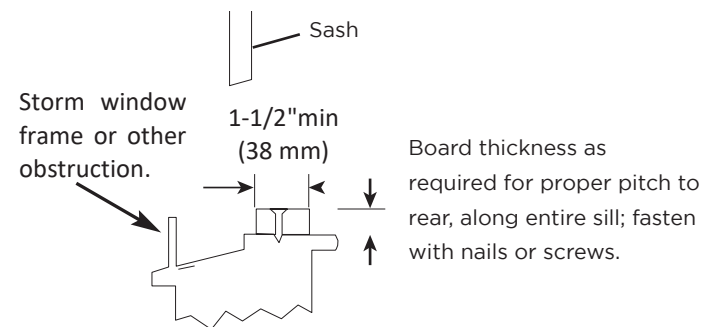
## Installation (cont.)

13. Secure the lower sash in place by attaching the sash lock with two 1/2-3/4" screws.



14. Cut the non-adhesive window seal foam to fit and insert it in the space between the upper and lower sashes.

15. If the air conditioner is blocked by a storm window, remove the storm window frame or add wood to the window sill. If the storm window frame must remain, be sure the drain holes are not blocked or painted shut. Rainwater or condensation must be allowed to drain.



16. To remove the air conditioner from the window:
  - A. Turn the unit off, and disconnect from power.
  - B. Remove the sash seal from between windows, and unscrew safety sash lock.
  - C. Remove screws installed through frame and frame locks and close (slide) accordion panels into frame.
  - D. Keeping a firm grip on the unit, raise the sash and carefully remove. Be careful not to spill any remaining water while lifting unit from window. **Store all parts with air conditioner.**
17. See storage information on page 12.

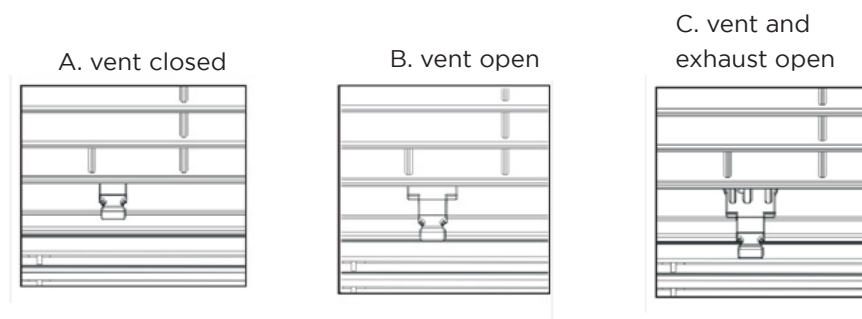


## How to Use

1. To **TURN ON OR OFF**, press ON/OFF button.
2. To change the **TEMPERATURE SETTING**, press the ARROW KEYS right or left until the desired setting shows on the display. This temperature will be maintained between 62–86° F.
3. To set the **CLEAN AIR FEATURE (only on 10,000 or 12,000 BTU units)**, press CLEAN AIR to turn on the ion generator. This will help remove pollen and other impurities from the air.
4. To adjust the **FAN SPEED**, press the FAN button. Each time the button is pressed, the fan changes setting (auto, low, medium or high). On dry mode, the fan is controlled automatically on low.
5. Press the **SLEEP BUTTON** to initiate sleep mode. The selected temperature will increase by 20° F 30 minutes after the mode is selected. The temperature will then increase by another 20° F after an additional 30 minutes. This new temperature will be maintained for 6 hours before it returns to the original program. The sleep mode program can be cancelled at any time during operation by pressing SLEEP again.
6. As a reminder to check the air filter after 250 hours of operation, the LED will light up. Press **CHECK FILTER** to reset after cleaning the filter and the light will go off.
7. Available on cool, dry and auto, press **ENERGY SAVER** and the fan will continue to run for 3 minutes after the compressor shuts off. The fan then cycles on for 2 minutes at 10 minute intervals until the room temperature is above the set temperature, at which time the compressor turns on and starts cooling again.
8. Press **MODE** to set auto, cool, dry and fan. The LED beside each will light up when selected. The unit will automatically initiate the **ENERGY SAVER** function under cool, dry and auto (auto-cooling or auto-fan) modes.
  - A. When you set the mode to **AUTO**, it will automatically select cooling or fan-only operation depending on what temperature you have selected and the room temperature. The fan speed cannot be adjusted.
  - B. Select **COOL** and a temperature for normal cooling (keep the vent closed for maximum cooling efficiency).
  - C. Use **FAN** when cooling is not desired, but you wish to have air circulation (open the vent during this function). Choose any fan speed you prefer. The display will show the actual room temperature and the temperature cannot be adjusted.
  - D. In **DRY** mode, the air conditioner will operate as a dehumidifier. Since the conditioned space is a closed or sealed area, some degree of cooling will continue.

## How to Use (cont.)

9. When the unit is on or off, press **TIMER**. The TIMER ON light will illuminate to indicate the auto start program is initiated.
  - A. When the time for TIMER ON is displayed, press TIMER again and the TIMER OFF light illuminates. This indicates the auto stop program is initiated.
  - B. Press or hold the arrow buttons to set the auto time by 0.5 hour increments, up to 10 hours, then at 1 hour increments up to 24 hours. The display will count down the time remaining until start time.
  - C. The selected time will register in 5 seconds, and the system will automatically revert back to display the previous temperature setting or room temperature when the unit is on. (When the unit is off, there is no display.)
  - D. Turning the unit ON or OFF at any time or adjusting the timer setting to 0 will cancel the timed program.
10. If the unit is turned off and on quickly, there will be an **AUTOMATIC 3-MINUTE TIME DELAYED START**. This prevents overheating of the compressor and possible circuit breaker tripping. The fan will continue to run during this time.
11. The unit is capable of displaying temperature in **FAHRENHEIT OR CELSIUS**. To convert from one to the other, press and hold the left and right arrow buttons at the same time, for 3 seconds.
12. The **FRESH AIR VENT (only on 10,000 or 12,000 BTU units)** allows the air conditioner to:
  - A. Recirculate inside air.
  - B. Draw fresh air into the room.
  - C. Exchange air from the room and draw fresh air into the room.



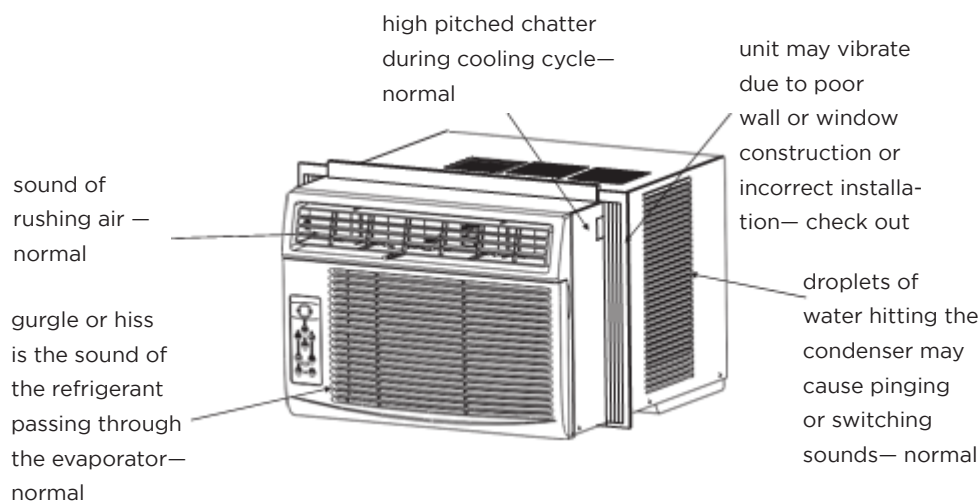
13. Push **ONE TOUCH** (on the remote only) and the unit will automatically shift to cool operation with auto fan speed and a temperature of 80° F. The timer setting will be cancelled.

## Maintenance & Storage

1. Clean your air conditioner occasionally to keep it looking new. **Be sure to unplug the unit before cleaning to prevent shock or fire hazards.**
2. The cabinet and front may be dusted with an oil-free cloth or washed with a damp cloth. Rinse thoroughly and wipe dry. **Never use harsh cleaners, wax or polish on the cabinet.**
3. The air filter should be checked at least once a month to see if cleaning is necessary. Trapped particles in the filter can build up and cause accumulation of frost on the cooling coils.
  - A. Push the vent handle to the closed position.
  - B. Open the front panel and take the filter by the center and pull up/out. Wash the filter with liquid dishwashing detergent and warm water (NEVER use hot water). Rinse thoroughly and gently shake away excess water. Be sure the filter is thoroughly dry before replacing.
  - C. The filter may also be vacuumed clean.
  - D. NEVER operate the air conditioner without the air filter.
4. If you plan to store the air conditioner, remove it from the window per the instructions on page 9. Cover the air conditioner with plastic or return it to the original carton before storing in a dry location.

## Troubleshooting

### TYPICAL SOUNDS



## Troubleshooting (cont.)

| Problem  | Solution  |
|--|---|
| Unit does not start  | Check that cord is not disconnected from outlet.<br>Check if house fuse is blown or circuit breaker tripped.<br>Check if plug current device is tripped; press reset.<br>Check if power is turned ON.                                   |
| Air from unit is not cold enough   | Check that room temperature is not below 62° F.<br>Check that sensor behind air filter isn't touching a cold coil.<br>Set unit to lower temperature.<br>Compressor stopped when changing modes; wait for 3 minutes to set to COOL mode. |
| Ice is forming on cooling coil behind front panel                                | Outdoor temperature is below 64° F.<br>Air filter may be dirty; clean per page 12.<br>Use FAN ONLY mode to defrost the coil.  |
| Unit is cooling, but room is too warm; NO ice on cooling coil behind front panel | Air filter may be dirty; clean per page 12.<br>Temperature is set too high.<br>Position louvers for better air distribution.<br>Air is being blocked by blinds, curtains, furniture, etc.; remove obstruction.                          |
| Unit turns on and off rapidly  | Air filter may be dirty; clean per page 12.<br>Outside temperature extremely hot; set fan speed to higher setting to bring air past cooling coils more frequently.  |
| Water dripping inside when cooling   | Improper installation; tilt air conditioner slightly to the outside to allow water drainage per page 8.   |
| Remote not working   | Check range is within 20 ft. & 180° radius of front panel.<br>Signal obstructed; remove obstruction.  |
| Room too cold  | Increase temperature setting.   |

### Display Error codes:

AS -room temperature sensor or evaporator temperature sensor error; unplug the unit and plug it back in.

HS -electric heating sensor error; unplug the unit and plug it back in.

## Returns

If any item, for any reason, does not meet your expectations, just return it to us. We'll gladly either:

- Refund your merchandise amount
- Credit your account
- Send a replacement

You can return any unused item in its original packaging within 60 days of its receipt for a full refund of the purchase price (excluding shipping and handling charges).

**Please send returns to:**

**Montgomery Ward, Inc.  
Attn: Customer Returns  
2000 Harrison Suite 100  
Clinton, IA 52732-6676**

**When returning an item:**

- Use the original packaging and pack it securely.
- Please adequately insure your item in case you need to make a claim with the carrier you choose for returning your item.
- Include your order number and reason for return.
- We recommend keeping the receipt for 4 weeks.

# Montgomery Ward<sup>®</sup>

## 1 Year Limited Warranty

Montgomery Ward, Inc. warrants this product to be free from defects in material and workmanship for one year from provable date of purchase.

Within this warranty period, Montgomery Ward will repair or replace, at its option, defective parts of this product at no charge, provided the product is returned, freight prepaid with proof of purchase to Montgomery Ward.

Allow 2-4 weeks for return shipping.

This warranty does not cover improper installation, misuse, abuse or neglect on part of the owner. Warranty is also invalid in any case that the product is taken apart or serviced by an unauthorized service station.

This warranty gives you specific legal rights and they may vary from state to state.

THE FOREGOING WARRANTIES ARE IN LIEU OF ALL OTHER WARRANTIES AND CONDITIONS, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THOSE OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

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