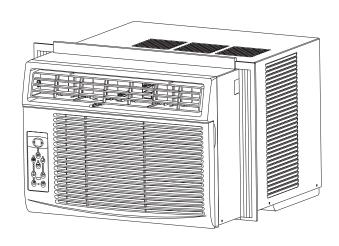


WINDOW / WALL TYPE ROOM AIR- CONDITIONER



MULTI-STEP SPEED ELECTRONIC CONTROL

Model:

MWF1-06CR-1 MWF1-08CR-1 MWF1-10CR-1

Before using your air conditioner, please read this manual carefully and keep it for future reference.

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Read This Manual

Inside you will find many helpful hints on how to use and maintain your air conditioner properly. Just a little preventive care on your part can save you a great deal of time and money over the life of your air conditioner. You'll find many answers to common problems in the chart of troubleshooting tips. If you review our chart of Troubleshooting Tips first, you may not need to call for service at all.

⚠ CAUTION

- Contact the authorized service technician for repair or maintenance of this unit.
- Contact the installer for installation of this unit.
- The air conditioner is not intended for use by young children or infirm persons without supervision.
- Young children should be supervised to ensure that they do not play with the air conditioner
- If the power cord is to be replaced, replacement work shall be performed by authorised personnel only.
- Installation work must be performed in accordance with the national wiring standards by authorized personnel only.

Safety Precautions

To prevent injury to the user or other people and property damage, the following instructions must be followed. Incorrect operation due to ignoring of instructions may cause harm or damage. The seriousness is classified by the following indications.

WARNING	This symbol indicates the possibility of death or serious injury.	
A CAUTION	This symbol indicates the possibility of injury or damage to property.	

Meanings of symbols used in this manual are as shown below.

\bigcirc	Never do this.
•	Always do this.

WARNING

①Plug in power plug

- Otherwise, it may cause electric shock or fire due to excess heat generation.
- ○Do not operate or stop the unit by inserting or pulling out the power plug.
- It may cause electric shock or fire It may cause electric shock or fire. due to heat generation.
- Do not damage or use an unspecified power cord.

 - If the power cord is damaged, it must be replaced by the manufacturer or an authorized service center or a similarly qualified person in order to avoid a hazard.

- ①Do not modify power cord length or share the outlet with other appliances
- It may cause electric shock or fire due to heat generation.
- **○Do not operate with wet** hands or in damp environment.
- It may cause electric shock.
- Do not direct airflow at
- This could damage your health.

- ① Always ensure effective
- Incorrect grounding may cause electric shock.
- comes from it.
- It may cause fire and electric shock.
- ① Keep firearms away.
- It may cause fire.

- into electric parts.
- It may cause failure of machine or electric shock.
- loose or damaged.
- It may cause fire and electric shock.
- **⊘Do not use the power cord** close to heating appliances
- It may cause fire and electric shock.

- Always install circuit
 breaker and a dedicated power circuit.
- Incorrect installation may cause fire and electric shock.
- It may cause electric shock.
- Do not use the power cord near flammable gas or combustibles, such as gasoline, benzene, thinner, etc.
- It may cause an explosion or fire.

- ①Ventilate room before operating air another appliance
- It may cause explosion, fire and, burns.
- It may cause failure and electric shock.

CAUTION

- When the air filter is to be removed, do not touch the metal parts of the unit.
- It may cause an injury.
- When the unit is to be cleaned, switch off, and turr off the circuit breaker.
- Do not clean unit when power is on as it may cause fire and electric shock, it may cause an injury.
- Stop operation and close the window in storm or burricane
- Operation with windows opened may cause wetting of indoor and soaking of household furniture.
- Do not place obstacles around air-inlets or inside of air-outlet.
- It may cause failure of appliance or accident.
- Do not use strong detergent such as wax or thinner but use a soft cloth
- Appearance may be deteriorated due to change of product color or scratching of its surface.

- O Do not clean the air conditioner with water
- Water may enter the unit and degrade the insulation. It may cause an electric shock.
- O Do not put a pet or house plant where it will be exposed to direct air flow
- This could injure the pet or plant.
- Hold the plug by the head of the power plug when taking it out.
- It may cause electric shock and damage.
- Ensure that the installation bracket of the outdoor appliance is not damaged due to prolonged exposure
- If bracket is damaged, there is concern of damage due to falling of unit.
- Do not place heavy object on the power cord and ensure that the cord is not compressed.
- There is danger of fire or electric shock.

- Ventilate the room well when used together with a stove, etc.
- An oxygen shortage may occur.
- Do not use for special purposes.
- Do not use this air conditioner to preserve precision devices, food, pets, plants, and art objects. It may cause deterioration of quality, etc.
- Turn off the main power switch when not using the unit for a long time.
- It may cause failure of product or fire.
- Always insert the filters securely. Clean filter once every two weeks.
- Operation without filters may cause failure.
- Do not drink water drained from air conditioner.
- It contains contaminants and could make you sick.

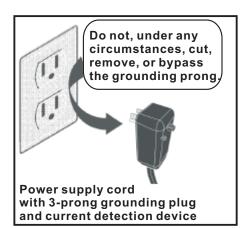
- Use caution when unpacking and installing. Sharp edges could cause injury.
- ① If water enters the unit, turn the unit off at the powe outlet and switch off the circuit breaker. Isolate supply by taking the power-plug out and contact a qualified service technician.

IMPORTANT SAFETY INSTRUCTIONS

NOTE The power supply cord with this air conditioner contains a current detection device designed to reduce the risk of fire.

Please refer to the section Operation of Current Device for details.

In the event that the power supply cord is damaged, it cannot be repaired-it must be replaced with a cord from the Product Manufacturer.



A WARNING For your safety

- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
- Avoid fire hazard or electric shock. Do not use an extension cord or an adaptor plug. Do not remove any prong from the power cord.

A WARNING Electrical Information

- Be sure the electrical service is adequate for the model you have chosen. This information can be found on the serial plate, which is located on the side of the cabinet and behind the grille.
- Be sure the air conditioner is properly grounded. To minimize shock and fire hazards, proper grounding is important. The power cord is equipped with a three-prong grounding plug for protection against shock hazards.
- Your air conditioner must be used in a properly grounded wall receptacle. If the wall receptacle you intend to use is not adequately grounded or protected by a time delay fuse or circuit breaker, have a qualified electrician install the proper receptacle.
- Ensure the receptacle is accessible after the unit installation.
- Do not run air conditioner without side protective cover in place.
 This could result in mechanical damage within the air conditioner.
 Do not use an extension cord or an adapter plug.

Operation of Current Device

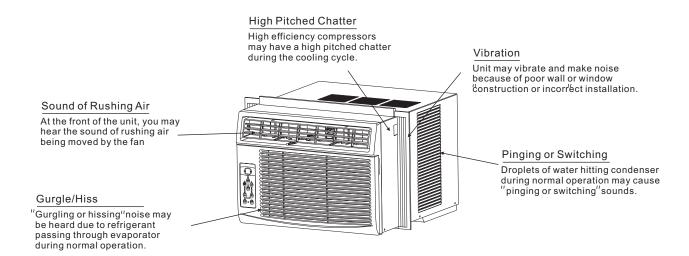
The power supply cord contains a current device that senses damage to the power cord. To test your power supply cord do the following:

- 1. Plug in the Air Conditioner.
- 2. The power supply cord will have TWO buttons on the plug head. Press the TEST button, you will notice a click as the RESET button pops out.
- 3. Press the RESET button, again you will notice a click as the button engages.
- 4. The power supply cord is now supplying electricity to the unit. (On some products this it also indicated by a light on the plug head.)

NOTES:

- Do not use this device to turn the unit on or off.
- Always make sure the RESET button is pushed in for correct operation.
- The power supply must be replaced if it fails reset when either the TEST button is pushed, or it cannot be reset. A new one can be obtained from the product manufacturer.
- If power supply cord is damaged, it cannot be repaired. It MUST be replaced by one obtained from the product manufacturer.

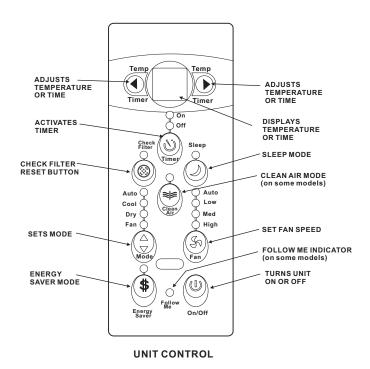
NORMAL SOUNDS



AIR CONDITIONER FEATURES

ELECTRONIC CONTROL OPERATING INSTRUCTIONS

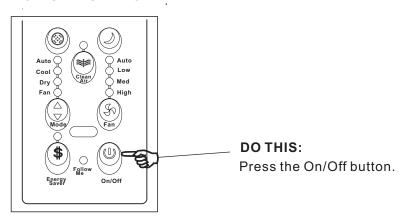
Before you begin, thoroughly familiarize yourself with the control panel and remote as shown below and all its functions, then follow the symbol for the functions you desire. **The unit can be controlled by the unit control alone or with the remote.**



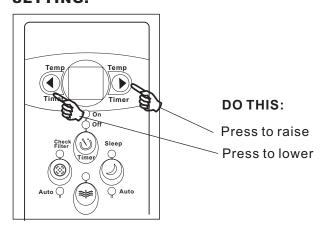
5

NOTE: The following instructions represent the Unit Controls, the same instructions can be used for the Remote Control.

TO TURN UNIT ON:



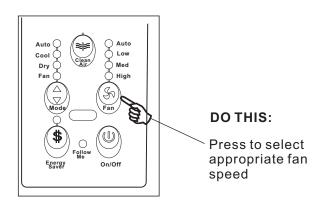
TO CHANGE TEMPERATURE SETTING:



NOTE:

Press or hold either Left(<) or Right (>) button until the desired temperature is seen on the display. This temperature will be automatically maintained anywhere between 62°F(17°C) and 88°F(30°C). If you want the display to read the actual room temperature, see "To Operate on Fan Only" section.

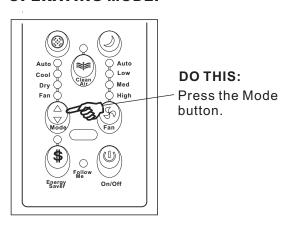
TO ADJUST FAN SPEEDS:



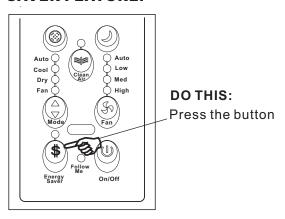
NOTE:

Used to select the Fan Speed in four steps-Auto, Low, Med or High. Each time the button is pressed, the fan speed mode is shifted.

TO SELECT THE OPERATING MODE:



TO USE THE ENERGY SAVER FEATURE:



NOTE:

•To choose operating mode, press the Mode button. Each time you press the button, a mode is selected in a sequence that goes from Auto, Cool, Dry and Fan. The indicator light beside will be illuminated and remained on once the mode is selected.

To operate on Auto feature:

 In this mode, the fan speed cannot be adjusted, it starts automatically at a speed according to the room temperature. If the room does not get too warm, it will stay at Low speed.

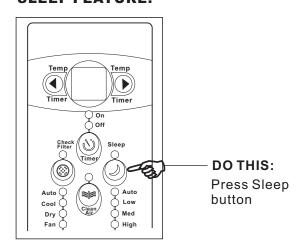
To operate on Fan Only:

- Use this function only when cooling is not desired, such as for room air circulation or to exhaust stale air(on some models). (Remember to open the vent during this function, but keep it closed during cooling for maximum cooling efficiency.) You can choose any fan speed you prefer.
- During this function, the display will show the actual room temperature, not the set temperature as in the cooling mode.

NOTE:

In this mode, 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 back on and cooling stars.

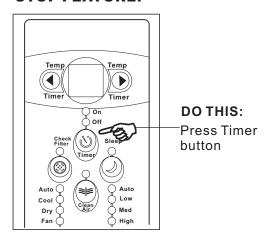
SLEEP FEATURE:



NOTE:

In this mode the selected temperature will increase by 2 degrees F 30 minutes after the mode is selected. The temperature will then increase by another 2 degrees F after an additional 30 minutes. This new temperature will be maintained for 7 hours before it returns to the originally selected temperature. This ends the Sleep mode and the unit will continue to operate as originally programmed. The Sleep mode program can be cancelled at any time during operation by again pressing the Sleep button.

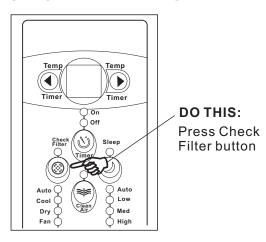
TIMER: AUTO START/ STOP FEATURE:



NOTE:

- First press the Timer button, the indicator light besides word On illuminates. It indicates the Auto Start program is initiated.
- Press or hold the Left arrow or Right arrow to change the Auto time by 0.5 hour increments, up to 10 hours, then at 1 hour increments up to 24 hours. The control will count down the time remaining until start.
- The selected time will register in 5 second and the system will automatically revert back to display the previous temperature setting.
- Turning the unit ON or OFF at any time will cancel the Auto Start/Stop function.

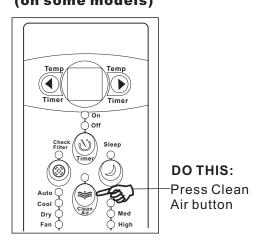
CHECK FILTER FEATURE:



NOTE:

This feature is a reminder to clean the Air Filter for more efficient operation. The LED(light) will illuminate after 250 hours of operation. To reset after cleaning the filter, press the Check Filter button and the light will go off.

CLEAN AIR FEATURE: (on some models)

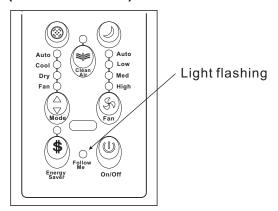


NOTE:

Press the Clean Air button, the ion generator is energized and will help to remove pollen and impurities from the air, and trap them in the filter.

FOLLOW ME FEATURE:

(on some models)



NOTE:

This feature can be activated from the remote control ONLY. The remote control serves as a remote thermostat allowing for the precise temperature control at its location.

To activate the Follow Me feature, point the remote control towards the unit and press the Follow Me button. The remote display is actual temperature at its location. The remote control will send this signal to the air conditioner every 3 minutes interval until press the Follow Me button again. If the unit does not receive the Follow Me signal during any 7 minute interval, the unit will beep to indicate the Follow Me mode has ended.

The actual temperature can be displayed at the unit by pressing the Fan Only mode. When in the Cool mode, the unit display indicates the set temperature.

ADDITIONAL THINGS YOU SHOULD KNOW

Now that you have mastered the operating procedure, here are more features in your control that you should become familiar with.

- The Cool circuit has an automatic 3 minute time delayed start if the unit is turned off and on quickly. This prevents overheating of the compressor and possible circuit breaker tripping. The fan will continue to run during this time.
- The control will maintain any set temperature within 2°F, between 60°F and 90°F degrees.
- The control is capable of displaying temperature in degrees Fahrenheit or degrees Celsius. To convert from one to the other, press and hold the Left and Right Temp/Timer buttons at the same time, for 3 seconds.

Fresh Air Vent Control(on some models):



Figure 1 (VENT CLOSED)



Figure 2 (VENT OPEN)

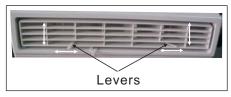
The Fresh Air Vent allows the air conditioner to:

- 1. Recirculate inside air Vent Closed (See Fig.1)
- 2. Draw fresh air into the room- Vent Open (see Fig.2)
- 3. Exchange air from the room and draws fresh air into the room Vent and Exhaust Open (see Fig.3)



Figure 3 (VENT & EXHAUST OPEN)

Air Directional Louvers



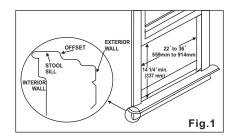
Air Direction

The louvers will allow you to direct the air flow Up or Down and Left or Right throughout the room as needed. Pivot horizontal louvers until the desired Up/Down direction is obtained.

Move the Levers from side to side until the desired Left/Right direction is obtained.

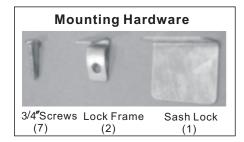
INSTALLATION INSTRUCTIONS

Your air conditioner is designed to install in standard double hung windows with opening widths of 22 to 36 inches(559mm to 914mm) (See Fig.1).



Lower sash must open sufficiently to allow a clear vertical opening of 14-1/2 inches (368mm). Side louvers and the rear of the AC 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.

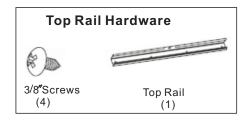
NOTE: Save **Carton** and these **Installation Instructions** for future reference. The carton is the best way to store unit during winter, or when not in use.



TOOLS NEEDED:

Phillips Screw Driver
Drill(If pilot holes are needed)

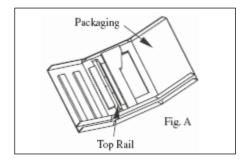
CAUTION: When handling unit, be careful to avoid cuts from sharp metal edges and aluminum fins on front and rear coils.



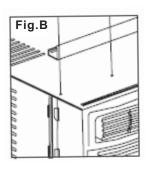
NOTE: The top rail hardware and the following Fig.A, Fig.B and Fig.C are not applicable to the units **more** than 10000Btu/h.

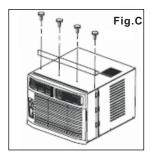
Before installing unit, the top rail must be assembled on the unit (For <10000Btu/h models only).

Tool Needed: Phillips Screwdriver



- A: Remove the air conditioner from the carton and place on a flat surface.
- B: Remove top rail from the bottom of the packaging material as shown in Fig.A





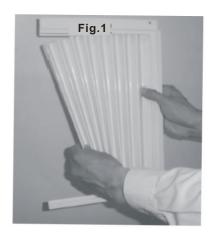
- C: Align the hole in the top rail with those in the top of the unit as shown in Fig.B
- D: Secure the top rail to the unit with the 3/8'' Screws as shown in Fig.C.

NOTE: For safety reasons, all four(4) screws **MUST** be securely fastened.

HOW TO INSTALL

NOTE: Top rail and Sliding Panels at each side are offset to provide the proper pitch to the rear of (5/16"). This is necessary for proper condensed water utilization and drainage. If you are not using the Side Panels for any reason, this pitch to the rear must be maintained.

Place unit on floor, a bench or a table. There is a Left and Right Window Filler Panel- be sure to use the proper panel for each side. When installed the flange for securing the panel in place to the window sill will be facing into the room.



A. Hold the Accordion Panel in one hand and gently pull back the center to free the open end. See Fig.1.

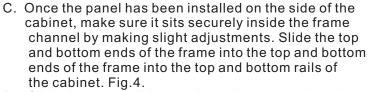






B. Slide the free and (I section) of the panel into the cabinet as shown in Fig. 2A, 2B & 3. Slide the panel down., Be sure to leave enough space to slip the top and bottom of the frame into the rails on the cabinet.





D. Slide the panel all the way in and repeat on the other side.

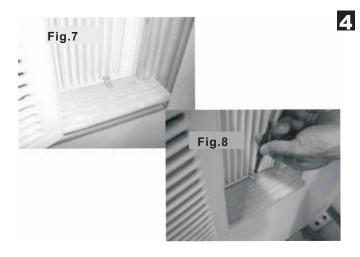
NOTE: If storm window blocks AC, see Fig. 13.



Keep a firm grip on the air conditioner, carefully place the unit into the window opening so the bottom of the air conditioner frame is against the window sill (Fig.5). Carefully close the window behind the top rail of the unit.



3 Extend the side panels out against the window frame (Fig.6).



Place the frame lock between the frame extensions and the window sill as shown (Fig.7). Drive 3 / 4"(19mm) locking screws through the frame lock and into the sill (Fig. 8)

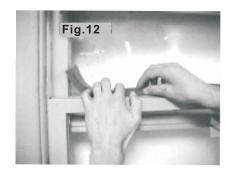
NOTE: To prevent window sill from splitting, drill 1 / 8''(3mm) pilot holes before driving screws.



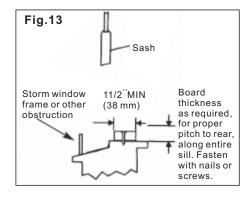
Drive 1 / 2''(13mm) locking screws through frame holes into window sash (Fig. 9/10)

6 To secure lower sash in place, attach right angle sash lock with 3 / 4''(19mm) screw as shown(Fig.11).





Cut foam seal and insert in the space between the upper and lower sashes (Fig. 12).



If AC is Blocked by Storm Window

Add wood as shown in Fig.13, or remove storm window before air conditioner is installed.

If Storm Window Frame must remain, be sure the drain holes or slots are not caulked or painted shut. Accumulated Rain Water or Condensation must be allowed to drain out.

Removing AC From Window

- ◆Turn AC off, and disconnect power cord.
- Remove sash seal from between windows, and unscrew safety lock.
- Remove screws installed through frame and frame lock.
- Close (slide) side panels into frame.
- Keeping a firm grip on air conditioner, raise sash and carefully rock 'air conditioner backward to drain any condensate water in base of unit. Be careful not to spill any remaining water while lifting unit form window. Store parts WITH air conditioner.

CARE AND CLEANING

CAUTION

Clean your air conditioner occasionally to keep it looking new. **Be sure to unplug the unit before cleaning to prevent shock or fire hazards.**



Air Filter Cleaning

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 an accumulation of frost on the cooling coils.

- Push the vent handle to the Vent Closed position (where applicable).
- Open the front panel.
- Grasp the filter by the center and pull up and out
- Wash the filter using liquid dishwashing detergent and warm water. Rinse filter thoroughly.
- Gently shake excess water from the filter. Be sure the filter is thoroughly dry before replacing.
- Or, instead of washing you may vacuum the filter clean.

Note: Never use hot water over 40 °C(104°F) to clean the air filter. Never attempt to operate the unit without the air filter.

Cabinet Cleaning

- Be sure to unplug the air conditioner to prevent shock or fire hazard. The cabinet and front may be dusted with an oil-free cloth or washed with a cloth dampened in a solution of warm water and mild liquid dishwashing detergent. Rinse thoroughly and wipe dry.
- Never use harsh cleaners, wax or polish on the cabinet front.
- Be sure to remove excess water from the cloth before wiping around the controls. Excess water in or around the controls may cause damage to the air conditioner.
- Plug in air conditioner.

Winter Storage

If you plan to store the air conditioner during the winter, remove it carefully from the window according to the installation instructions. Cover it with plastic or return it to the original carton.

TROUBLESHOOTING TIPS

Before calling for service, review this list. It may save you time and expense. This list includes common occurrences that are not the result of defective workman-ship or materials in this appliance.

Problem	Solution			
Air conditioner does not start	Wall plug disconnected. Push plug firmly into wall outlet.			
	House fuse blown or circuit breaker tripped. Replace fuse with time delay type or reset circuit breaker.			
	Plug Current Device Tripped. Press the RESET button.			
	Control is OFF. Turn Control ON and set to desired setting.			
Air from unit door	Room temperature below 17°C(62°F). Cooling may not occur until room temperature rises above 17°C(62°F).			
Air from unit does not feel cold enough	Temperature sensing element touching cold coil, located behind air filter. Straighten tube away from coil.			
	Reset to a Lower temperature.			
	Compressor shut-off by changing modes. Wait approximately 3 minutes and listen for compressor to restart when set in the COOL mode.			
Air conditioner	Outdoor temperature below 18° C(64°F). To defrost the coil, set FAN ONLY mode.			
cooling, but room is too warm- ice forming on cooling	Air filter may be dirty. Clean filter. Refer to Care and Cleaning section. To defrost, set to FAN ONLY mode.			
coil behind decorative front.	Thermostat set too cold for night-time cooling. To defrost the coil, set to FAN ONLY mode. Then, set temperature to a Higher setting.			
Air conditioner	Dirty air filter- air restricted. Clean air filter. Refer to Care and Cleaning section.			
cooling, but room is too warm- NO	Temperature is set too High, set temperature to a Lower setting.			
ice forming on	Air directional louvers positioned improperly. Position louvers for better air distribution.			
cooling coil behind decorative front.	Front of units is blocked by drapes, blinds, furniture, etc restricts air distribution. Clear blockage in front of unit.			
	Doors, windows, registers, etc. Open- cold air escapes. Close doors, windows, registers.			
	Unit recently turned on in hot room. Allow additional time to remove "Stored heat" frewalls, ceiling, floor and furniture.			
Air conditioner turns on	Dirty air filter- air restricted. Clean air filter.			
and off rapidly	Outside temperature extremely hot. Set FAN speed to a Higher setting to bring air past cooling coils more frequently.			
Noise when unit is cooling	Air movement sound. This is normal . If too loud, set to a slower FAN setting.			
	Window vibration - poor installation. Refer to installation instructions or check with installe			
Water dripping INSIDE when unit is cooling.	Improper installation. Tilt air conditioner slightly to the outside to allow water drainage. Refer to installation instructions - check with installer.			

Problem	Solution
Water dripping OUTSIDE when unit is cooling.	Unit removing large quantity of moisture from humid room. This is normal during excessively humid days.
Remote Sensing Deactivating	Remote control not located within range. Place remote control within 20 feet & 180° , radius of the front of the unit.
Prematurely (some models)	Remote control signal obstructed. Remove obstruction.
Room too cold	Set temperature too low. Increase set temperature.

Air Conditioner Warranty

Your product is protected by this warranty:

Warranty service must be obtained from Midea Consumer Services or an authorized Midea servicer.

	WARRANTY PERIOD	MIDEA, THROUGH ITS AUTHORIZED SERVICERS, WILL:	THE CONSUMER WILL BE RESPONSIBLE FOR:
FULL ONE-YEAR WARRANTY	One year from original purchase date	Pay all costs for repairing or replacing parts of this appliance which prove to be defective in materials or workmanship.	Transportation and costs of service calls that are listed under NORMAL RESPONSIBILITIES OF THE CONSUMER*
LIMITED 2 ND -5 TH YEAR WARRANTY (sealed system)	Second through fifth years from original purchase date	Repair or replace any parts in the Sealed Refrigeration System (compressor, condenser, evaporator and tubing) proves to be defective in materials workmanship.	Diagnostic, removal, transportation and reinstallation costs required because of service. Costs for labor, parts and transportation other than with respect to the Sealed Refrigeration System.
LIMITED 10 YEAR COMPRESSOR WARRANTY	First to tenth year from original date of purchase	Repair or replace compressor ONLY in the event it becomes defective during the warranty period	Diagnostic, removal, transportation and reinstallation costs required because of service. Costs for labor, parts and transportation other than with respect to the Sealed Refrigeration System.

Midea replacement parts shall be used and will be warranted only for the period remaining on the original warranty.

NORMAL RESPONSIBILITIES OF THE CONSUMER*

This warranty applies only to products in ordinary household use, and the consumer is responsible for the items listed below:

- 1. Proper use of the appliance in accordance with instructions provided with the product.
- 2. Proper installation by an authorized service professional in accordance with instructions provided with the appliance and in accordance with all local plumbing, electrical and / or gas codes.
- Proper connection to a grounded power supply of sufficient voltage, replacement of blown fuses, repair of loosen connections or defects in house wiring.
- 4. Expenses for making the appliance accessible for servicing.
- 5. Damages to finish after installation.

EXCLUSIONS

This warranty does not cover the following:

- 1) Failure caused by damage to the unit while in your possession (other than damage caused by defect or malfunction), by its improper installation, or by unreasonable use of the unit, including without limitation, failure to provide reasonable and necessary maintenance or to follow the written Installation and Operating Instructions.
- 2) Damages caused by services performed by persons other than authorized Midea servicers; use of parts other than Midea replacement parts; obtained from persons other than such Midea customer service; or external causes such as abuse, misuse, inadequate power supply.
- 3) If the unit is put to commercial, business, rental, or other use or application other than for consumer use, we make no warranties, express or implied, including but not limited to, any implied warranty of merchantability or fitness for particular use or purpose.
- 4) Products without original serial numbers or products that have serial numbers which have been altered or cannot be readily determined.

Note: Some states do not allow the exclusion or limitation of incidental or consequential damages. So this limitation or exclusion may not apply to you.

IF YOU NEED SERVICE

Keep your bill of sale, delivery slip, or some other appropriate payment record.

The date on the bill established the warranty period should service be required.

If service is performed, it is your best interest to obtain and keep all receipts.

This written warranty gives you specific legal rights. You may also have other rights that vary from state to state.

Service under this warranty must be obtained by following these steps, in order:

- 1. Contact Midea Consumer Services or an authorized Midea servicer at 1 866 64 MIDEA.
- 2. If there is a question as to where to obtain service, contact our consumer relations Department.