

# Owner's Manual



## Read and Save These Instructions

This Owner's Guide provides specific operating instructions for your model. Use the air conditioner only as instructed in this guide. These instructions are not meant to cover every possible condition and situation that may occur. Common sense and caution must be practiced when installing, operating, and maintaining any appliance.

### Record Your Model and Serial Numbers

Record in the space provided below the model and serial numbers. The serial plate is located behind filter at the bottom of unit. Reading the numbers may be easier by using a flashlight or by removing the cabinet front as instructed under "Care and Cleaning."

Model Number: \_\_\_\_\_

Serial Number: \_\_\_\_\_

Purchase Date: \_\_\_\_\_

Safety  
Instructions

Product  
Information

Operation

Care &  
Cleaning

Maintenance

Troubleshooting

Warranty  
and Service

## Important Safety Instructions

Read all instructions before using this air conditioner.

### **⚠ 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. Read product labels for flammability and other warnings.

### **⚠ WARNING Prevent Accidents**

To reduce the risk of fire, electrical shock, or injury to persons when using your air conditioner, follow basic precautions, including the following:

- Be sure the electrical service is adequate for the model you have chosen.
- If the air conditioner is to be installed in a window, you will probably want to clean both sides of the glass first. If the window is a triple-track type with a screen panel included, you may want to remove the screen completely before installation.
- Be sure the air conditioner has been securely and correctly installed according to the separate installation instructions provided with this manual. Save this manual. Save this manual and installation instructions for possible future use in removing or reinstalling this unit.
- When handling the air conditioner, be careful to avoid cuts from sharp metal fins on front and rear coils.

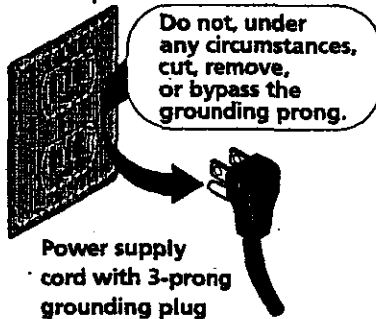
### **⚠ WARNING Electrical Information**

The complete electrical rating of your new room air conditioner is stated on the serial plate. Refer to the rating when checking the electrical requirements.

- 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.
- Do not run air conditioner with outside protective cover in place. This could result in mechanical damage within the air conditioner.
- **Do not use an extension cord or an adapter plug.**

**⚠ WARNING** 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.

Grounding type wall receptacle



## Energy Saving Ideas



- The capacity of the room air conditioner must fit the room size for efficient and satisfactory operation.
- Install the room air conditioner on the shady side of your home. A window that faces north is best because it is shaded most of the day.
- Do not block air flow inside with blinds, curtains or furniture; or outside with shrubs, enclosures, or other buildings.
- Close the fireplace damper, floor and wall registers so cool air does not escape up the chimney and into the duct work.
- Keep blinds and drapes in other windows closed during the sunniest part of the day.
- Clean the air filter as recommended in the section "Care and Cleaning."
- Proper insulation and water stripping in your home will help keep warm air out and cool air in.
- External house shading with trees, plants or awnings will help reduce the air conditioner's work load.
- Operate heat producing appliances such as ranges, washers, dryers and dishwashers during the coolest part of the day.

## How and Why

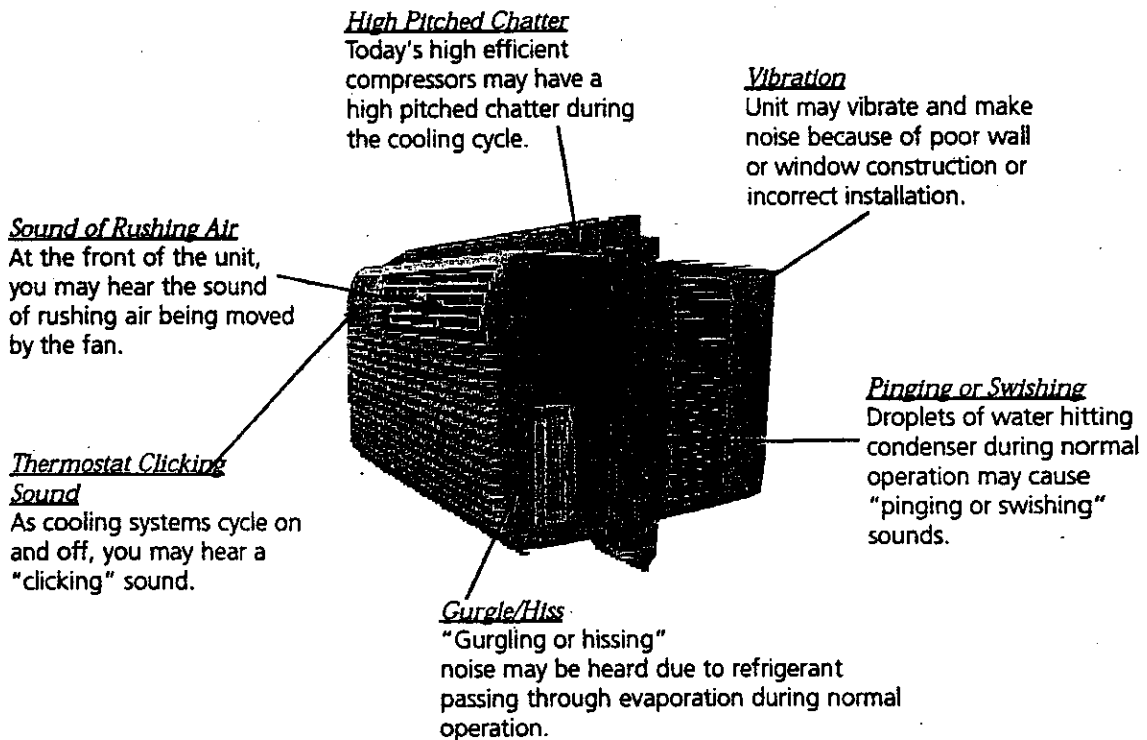
Your room air conditioner provides the following functions to make hot weather living more comfortable:

- Cools and circulates room air.
- Lowers humidity by removing excess moisture.
- Filters out summertime dust, dirt, and some airborne impurities.

The air conditioner performs these functions by drawing room air through a filter which traps dust and dirt particles. The air then passes over a cooling coil which refrigerates the air and removes excess moisture. The same air is then returned to the room — cooler, drier and cleaner. Moisture removed from the room air is carried to the outside and evaporated.

Your air conditioner is designed to be easy to operate and to provide plenty of cooling power.

## Normal Sounds



## Using Air Conditioner

**⚠ WARNING** To reduce the risk of fire, electric shock, or injury to persons, read the IMPORTANT SAFETY INSTRUCTIONS before operating this appliance.

**NOTE:** If the air conditioner is turned off, wait 3 minutes before restarting. This allows pressure inside the compressor to equalize. Failure to follow these instructions may cause inefficient operation.

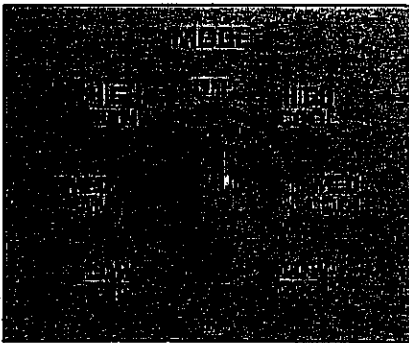
To begin operating the air conditioner, follow these steps:

1. Plug in the air conditioner. (To prevent electrical hazards, do not use an extension cord or an adapter plug.)
2. Set the thermostat to the highest number (coldest or cooler setting).
3. Set the selector control to the highest COOL setting (see below).
4. Adjust the louvers for comfortable air flow (see Air Directional Louvers).
5. Once the room has cooled, adjust the thermostat to the setting you find most comfortable.

Review the "Air Conditioner Features" section for other settings.

## Air Conditioner Features

The controls featured in this manual are representational of the many models available. Your model may offer slightly different features.



### COOL Mode

When in one of the COOL settings, the air conditioner runs all the time, circulating the air. Cooling starts only if the room temperature rises above the coolness level selected on the TEMP Control, and stops once the set coolness level is reached. This setting gives the most even room temperatures.

### FAN Mode

When in the FAN setting, the fan runs continuously to circulate air in the room without cooling.

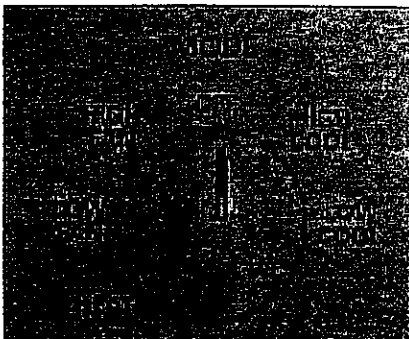
### TEMP Control

The TEMP Control serves as the thermostat to set the degree of room coolness. Turn the knob clockwise from 1 to 9 to increase the cooling temperature.



### HEAT (some models)

The HEAT selection provides quiet, efficient circulation of warm air. Turn the selector to the HEAT setting and set the thermostat to the warmest setting (1). When the HEAT setting is selected, the thermostat maintains the temperature by automatically turning the heater on and off in response to room temperature. Once the room is warm, adjust the thermostat to a cooler setting. The fan runs continuously to circulate air in the room.



## Air Conditioner Features (continued)

### Air Directional Louvers

Air directional louvers control air flow direction. Your air conditioner has the louver type described below.



(4 WAY)

### 4-Way Louvers

The 4-Way air directional louvers allow you to direct air flow up or down, left or right throughout the room as needed. To adjust the air directional louvers side-to-side, use the center handle as you move it side-to-side.

## Care and Cleaning

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

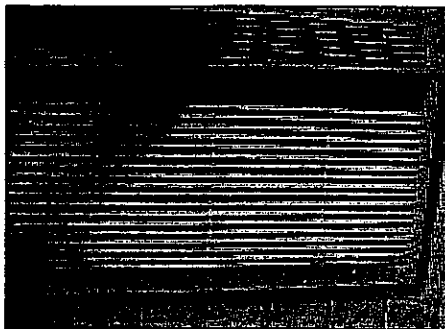


FIG. 1

### Air Filter Cleaning

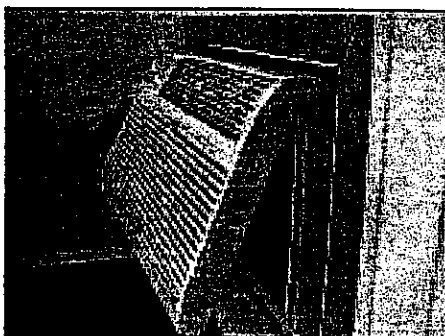
The air filter should be checked at least once a month to see if cleaning is necessary. Trapped particles in the filter can build up and cause an accumulation of frost on the cooling coils.

- Grasp filter and remove by pulling the filter up and out (FIG. 1).
- Wash filter with warm soapy water. Rinse thoroughly. Gently shake excess water from filter. Be sure filter is thoroughly dry before replacing.
- Or,  
Instead of washing you may vacuum the filter clean.
- Reinstall the filter by sliding filter back into place.

Care &  
Cleaning

### 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 wring excess water from the cloth before wiping around the controls. Excess water in or around the controls may cause damage to the air conditioner.
- The cabinet front can be removed for more thorough cleaning.
- Remove filter
- Remove the two (2) screws behind the filter that hold the front frame to the unit.
- Remove the knobs from the controls.
- Press firmly on each side of the cabinet close to the front. While pressing, gently pull the front out and lift up to remove.
- Clean the front in a sink using liquid dishwashing detergent and warm water. Rinse thoroughly and dry.
- Replace cabinet front (reverse above instructions). Replace the screws.
- Replace filter. Plug in air conditioner.



## Routine Maintenance

### 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. **NOTE: To prevent rust or electrical connections from being damaged, store air conditioner in an upright position and a dry place.** A winter cover can be purchased from your dealer. The cover will protect the air conditioner when it is left in place through the winter.

**⚠ WARNING** Before performing any service, unplug the power cord from the electrical outlet.

After servicing, reverse the following procedures to reinstall the air conditioner.

### Cleaning the Cabinet Front

Remove the front panel. Wash with warm, sudsy water. Rinse and dry with a soft cloth. Never use solvents, cleaning fluids, abrasive cleaners or strong detergents. If the packaging leaves a gum residue, remove with a cloth dipped in rubbing alcohol.

### Repairing Paint Damage

Inspect weather-exposed parts (cabinet shell, mounting hardware, if used, etc.) once or twice a year, especially in areas near oceans or where rust is a problem. If needed, touch up with a good grade of exterior paint.

### Cleaning Inside the Air Conditioner

**⚠ WARNING** No liquid should get into the motor, electrical control box, or compressor electrical terminals.

1. Remove front panel.
2. With help and using the proper lifting methods to avoid personal injury, remove the chassis from cabinet shell.\* When removing the air conditioner from cabinet shell or window, there may be water inside the base that may spill on the floor. Be careful to avoid cuts from sharp metal fins on the front and rear coils.
3. Liquids should not get into electrical parts. Wrap the fan motor, electrical control box, and electrical terminals in plastic. This will keep water or other liquid from getting inside where it could damage the insulation and cause serious trouble.
4. Clean and hose out base, coils, and water pans. Clean at least once a year or more often if the coils and pans collect dirt, sand, leaves, algae, or insects.
5. After cleaning, remove plastic protection. Wait 24 hours before starting the unit again. This allows time for all areas to dry out.

**NOTE:** Water from rainfall or from normal use does not harm these components since the water is not as forcefully driven into parts as a stream of water from a garden hose.

**\*HANDLE NOTE:** If the air conditioner has a chassis handle, it is NOT intended for lifting the unit. It is for sliding the chassis WITHIN the cabinet shell only (to aid in cleaning, maintenance, etc.).



# Room Air Conditioner Troubleshooting Guide

## THE AIR CONDITIONER WILL NOT OPERATE

Check if ...	Then ...
The power supply cord is unplugged.	Firmly plug the cord into a live outlet with proper voltage.
A household fuse has blown or circuit breaker tripped.	Replace the fuse or reset the circuit. Make sure the unit is plugged into a properly grounded receptacle as described in the Owners Manual provided with the unit.
The Fan Control is set to OFF	Set Fan Control to the desired setting.

## THE UNIT BLOWS FUSES OR TRIPS CIRCUIT BREAKER

Check if ...	Then ...
Too many appliances are being used on the same circuit.	Unplug ore relocate appliances that share the same circuit.
An extension cord is being used with the unit.	Do not use an extension cord to run the air conditioner.
The unit is being restarted immediately after turning off cooling circuit.	Wait three minutes after tuming off cooling unit before trying to restart unit.

## THE AIR CONDITIONER TURNS ON AND OFF, OR DOES NOT COOL ROOM

Check if ...	Then ...
The filter is dirty or obstructed by debris.	Clean filter using a vacuum cleaner or wash filter in warm water and a mild detergent. Dry thoroughly before reuse.
The coils are dirty or obstructed by debris. Check both inside evaporator and outside condenser coils.	Call the local Sears store to inspect and clean the coils and condensate water passages. OR If familiar with electrical appliances perform the required cleaning by carefully following the maintenance instructions provided with the unit.
There is excessive moisture or heat in the room being cooled (cooking, hot showers, etc.)	Use exhaust vent fans while cooking or bathing and try not to use heat-producing appliances during the hottest part of the day.
The Fan Control is on a Power Saver/Energy Saver setting.	Use NORMAL settings for best comfort. When the Power Saver settings are in use, the fan does not circulate the room air continuously.
The Vent Control is set to OPEN or EXHAUST.	Set the Vent Control to CLOSED for maximum cooling.
The Temperature Control is not at a cool enough setting.	Set the Temperature Control to a cooler setting.

## WATER DRIPS FROM THE CABINET INTO THE HOUSE

Check if ...	Then ...
The unit is not leveled properly. The unit should slope slightly downward to the outside.	Level the air conditioner to provide a 1/4" downward slope to the outside (1/2 bubble on carpenter's level) to provide proper drainage. Reposition or shim the cabinet as necessary. DO NOT drill a hole in the drain pan.

## THE AIR CONDITIONER SEEMS TO RUN TOO MUCH

Check if ...	Then ...
The current unit replaced an older model.	The use of more efficient components may cause the unit to run longer than an older model, but the total energy consumption will be less. Newer units do not emit the "blast" of cold air you may be accustomed to from older units, but this IS NOT an indication of lesser cooling capacity or efficiency. Refer to the efficiency rating (EER) and capacity rating (in BTUs) marked on the unit.
The unit is in a heavily occupied room or heat-producing appliances are in use in the room.	Use exhaust vent fans while cooking or bathing. Try not to use heat-producing appliances during the hottest part of the day. A higher capacity unit may be required depending on the size of the room being cooled.

## TYPICAL AIR CONDITIONER SOUNDS YOU MAY HEAR:

**Condenser** - You may hear droplets of water hitting the condenser, causing a "pinging" or "clicking" sound.

**Unit Vibration** - The unit may vibrate and make noise because of poor wall or window construction.

**Fan** - You may hear air movement from the fan.

**Compressor** - The modern high efficiency compressor may have a high pitched hum or pulsating noise that cycles on and off.

**Thermostat** - As the cooling system cycles, the thermostat may click.

Troubleshooting



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## Warranty

### WARRANTY

#### Full One-Year Warranty on Air Conditioner

For one year from date of purchase, when this air conditioner is operated and maintained for normal room cooling according to instructions in this owner's manual, Sears will repair it, free of charge, if defective in material or workmanship.

#### Full Five-Year Warranty on Sealed Refrigeration System

For five years from the date of purchase, when this air conditioner is operated and maintained for normal room cooling according to instructions in this owner's manual, Sears will repair the sealed refrigeration system (consisting of refrigerant, connecting tubing, and compressor), free of charge, if defective in material or workmanship.

#### Warranty Service

Warranty service is available by contacting the nearest service center in the United States.

This warranty gives you specific legal rights, and you may have other rights which vary from state to state.

SEARS, ROEBUCK and CO. Dept. 817WA, Hoffman Estates, IL 60179

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## Sears Service

### Maintenance Agreement

"We Service What We Sell" is our assurance you can depend on Sears for service. Your air conditioner has added value when you consider that Sears has service units nationwide, staffed with professional technicians trained on all appliances Sears sells. They have the knowledge and skills, tools, parts, and equipment to insure our pledge to you that "We Service What We Sell."

### Sears Maintenance Agreement

Maintain the value of your air conditioner with a Sears Maintenance Agreement. Sears air conditioners are designed, manufactured, and tested for years of dependable operation. Yet, any modern appliance may require service from time to time. The Sears Maintenance Agreement offers you an outstanding service program for your air conditioner.

### The Sears Maintenance Agreement

- Is your way to buy tomorrow's service at today's price.
- Eliminates repair bills resulting from normal use.
- Allows for as many service calls as required.
- Provides an annual Preventive Maintenance Check at your request to keep your Air Conditioner in proper running condition.

For more information, call 1-800-827-6655