OWNER'S GUIDE

READ AND SAVE THESE INSTRUCTIONS

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This Owner's Guide provides specific operating instructions for your model. Use the air conditioner only as instructed in this Owner's 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.

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.

9-95

AIR CONDITIONER ROTARY CONTROL

Room Air Conditioner

Record the model and serial numbers of your appliance in the space provided below. On most models these numbers are found on the serial plate located behind the front louvers. On Blow-Thru models the serial plate is located near the control panel.

Model No.	
Serial No.	

Retain these numbers for future reference.

IMPORTANT: Keep a copy of your bill of sale. The date on the bill establishes the warranty period should service be required. If service is performed, it is in your best interest to obtain and keep all receipts.

PLEASE DO THIS NOW!

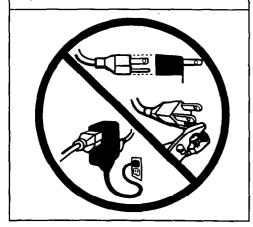
The self-addressed PRODUCT REGISTRATION CARD should be filled in completely, signed, and returned. This information will register your product and help us to serve you quickly in the future if necessary.

Important Safety Instructions

Read all instructions before using this air conditioner.

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

AWARNING Avoid fire hazard or electric shock. Do not use an extension cord or adapter plug. Do not remove grounding prong from power cord.



AWARNING Prevent Accidents

- Be sure the electrical service is adequate for the model you've chosen.
- If the air conditioner is to be installed in a window, you may 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 furnished with this unit. Save the instructions for possible future use in removing or reinstalling this unit.
- The complete electrical rating of your new room air conditioner is stated on the serial plate. The serial plate is located behind the louvers. Reading the numbers may be made easier by using a flashlight or by removing the cabinet front as instructed under Care and Cleaning. Refer to the rating when checking the electrical requirements.

AWARNING Electrical Information

 Be sure the air conditioner is properly grounded. To minimize shock and fire hazards, proper grounding is important. For your safety and protection, this air conditioner is equipped with a special three-prong grounding plug on the power cord. (See Consumer Information Tag attached to unit.)

Do not, under any circumstances, cut or remove the round grounding prong from the plug.

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Important Safety Instructions (continued)

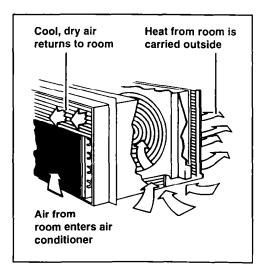
Your air conditioner must be used in a properly grounded and polarized three-prong receptacle. If the wall receptacle you intend to use will not accept a three-prong plug, or if you are not sure the outlet is adequately grounded or protected by a time delay fuse or circuit breaker, have a qualified electrician install the proper outlet according to the National Electrical Code and applicable local codes. Do not use an extension cord or adapter plug.

Energy Saving Ideas



- The capacity of the room air conditioner must fit the room size for efficient and satisfactory operation.
- Install room air conditioner on 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 with blinds, curtains, or furniture.
- Close the fireplace damper and 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 weather 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



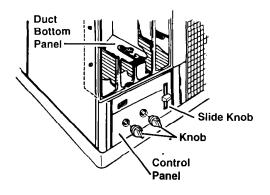
Your room air conditioner provides the following functions to make hot weather living more comfortable:

- · 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.

Note: The instructions appearing in this Owner's Guide 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.

Important Installation Instructions



Air Sweep Louver Adjustment

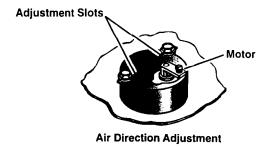
Complete this adjustment before installing front panel.

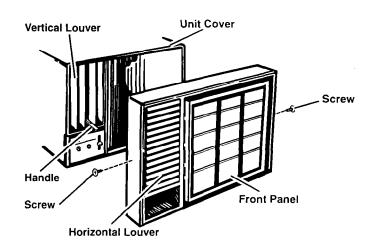
- 1. The slots in the duct bottom panel enable you to select the most desirable air direction by adjusting the motor side to side. A centrally located motor will allow an equal air distribution side to side. If more air is desired on one side than the other, slide the motor to the opposite side of the slot, then tighten the two screws.
- 2. The control panel and knobs are packed separately.

Manual Vertical Louver Adjustment

Complete this adjustment before installing front panel.

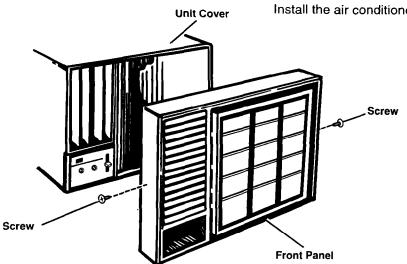
- 1. Adjust the vertical louvers to the straight position by using the handle.
- 2. The control panel and knobs are packed separately. To install them refer to "Installing Dial Plate and Front Frame."





Front Installation

Install the air conditioner with filter as follows:

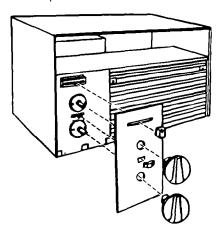


- 1. Adjust the horizontal louvers to the straight position. Hold the front straight until the vertical louver handle lines up between the bottom horizon louver and the discharge opening.
- 2. Press the front straight onto the cabinet until the holes in the flange of the plastic front line up with the screw holes in the metal cabinet. Fasten the front in place with the two screws provided.

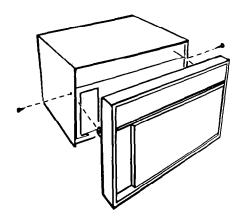
Installing Dial Plate and Front Frame

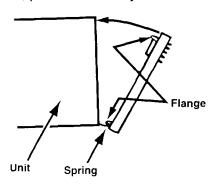
Some models require installation of the dial plate and the front panel of the air conditioner. To assemble the unit, follow these steps:

1. Install dial plate and buttons or knobs.

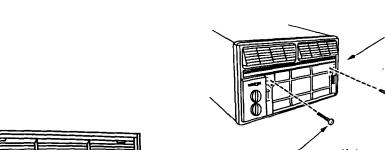


2. Install front frame to unit. If dial plate has clear protective film, peel off carefully. Do not scratch surface.

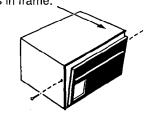




A. (On some models) Align bottom frame flanges onto springs. Press down as you push in top frame flanges into the unit.



B. Depending on your model, fasten front retaining screws on both sides of unit, or fasten screws to unit through holes in frame.



 If the unit has a screw in this location, remove and discard before installing front.

Using the Air Conditioner

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.

AWARNING
To reduce the risk of fire, electrical shock, or injury to persons, read the Important Safety Instructions before operating this appliance.

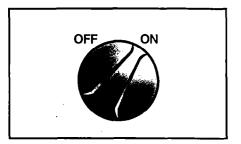
Operation

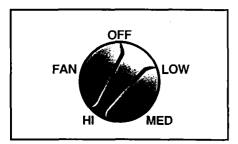
To begin operating the air conditioner, follow these steps:

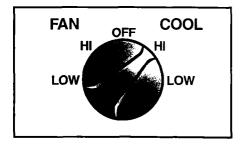
- 1. Plug in the air conditioner. (To prevent electrical hazards, do not use an extension cord or adapter plug.)
- 2. Set the exhaust control at VENT CLOSED.
- 3. Set the thermostat at the highest number (9 coldest setting).
- **4.** Set the selector control at ON, HIGH COOL, COOL HI, or CONSTANT FAN HI depending on your model (see Air Conditioner Features).
- **5.** Adjust the louvers for comfortable air flow or slide Air Sweep control ON (on some models).
- **6.** Once the room has cooled, adjust the thermostat (on select models) to the setting you find most comfortable.

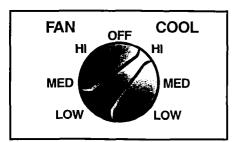
Review the Air Conditioner Features section for other settings.

Air Conditioner Features









Selector Control

The selector control turns the unit on or off and allows a choice of either cooling room air, circulating room air at the existing temperature, or heating room air (on some models). Identify which control your model has in figures 1-5.

Fan/Cool Selector (on some models)

For FAN/COOL models operate the air conditioner according to the following suggestions:

- HIGH COOL/COOL HI Maximum cooling speed. To begin operation, always turn control to HIGH COOL or COOL HI.
- MED. COOL Fan runs slower for moderate cooling speeds.
- LOW COOL/COOL LO Fan runs slow for quiet operation when maximum cooling is not needed.
- FAN For air circulation with no cooling.
- FAN HI Maximum air circulation without cooling.
- FAN LO Fan runs slower for air circulation only.
- OFF Turns unit off.
- Slider casement models provide one FAN setting and a HIGH, MED, LOW/COOL selection to provide comfortable air cooling and circulation.

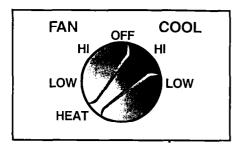
Heat (on some models)

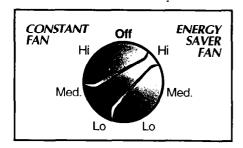
The HEAT selection (figure 5) provides quiet, efficient circulation of warm air, heating the room. Turn the selector to the HEAT setting and set thermostat at "1." A slight heat odor may come from the unit when first switching to heating after the cooling season is over. This odor, caused by fine dust particles on the heater, will disappear quickly.

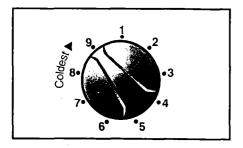
When the HEAT setting is selected, the thermostat controls the amount of heating by automatically turning the heater on and off in response to room temperature. The fan runs continuously to circulate air in the

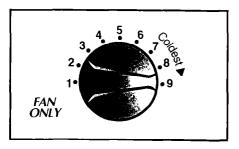
Once the room is warm, adjust the themostat to a higher number. The higher number provides less heat or cooler room temperatures. Lower numbers provide more heat or warmer room temperatures.

Air Conditioner Features (continued)









Energy Saver Selector (on some models)

Energy saver models allow a choice of CONSTANT FAN or ENERGY SAVER FAN. When first starting the air conditioner, always set the selector on CONSTANT FAN HI. The fan will operate constantly for maximum cooling. Once the room has cooled, adjust to either CONSTANT FAN MED. or LO, or to ENERGY SAVER FAN.

The ENERGY SAVER FAN only runs when the air conditioner is cooling. When the cooling compressor turns off, the fan will turn off.

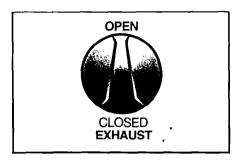
Overall room temperature may vary more when the ENERGY SAVER FAN is in use. If temperatures feel uncomfortable, adjust the control to the desired HI, MED., or LO position, or turn the control to CONSTANT FAN.

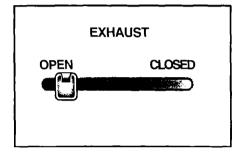
Automatic Thermostat (on some models)

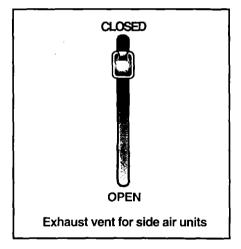
When a COOL or HEAT setting is selected, the thermostat controls the amount of cooling or heating by automatically turning the cooling compressor or heater on and off in response to the room temperature. The fan runs continuously to circulate the air in the room.

The recommended starting position for cooling is 9, for heating it is 1. Once the room is cool or warm, adjust the thermostat to a number providing the most comfortable amount of cooling or heating. Higher numbers provide lower room temperatures. Lower numbers provide warmer room temperatures.

Air Conditioner Features (continued)



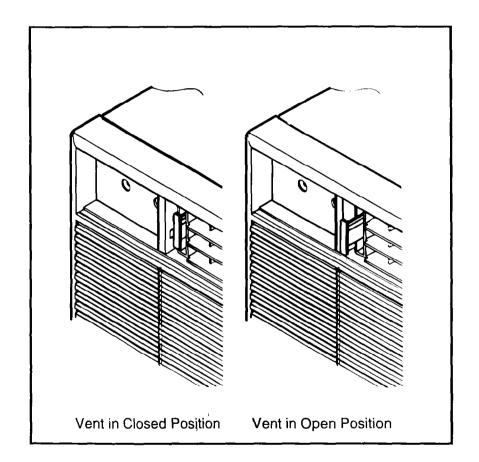




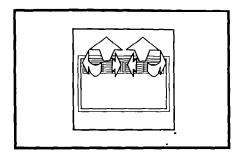
Exhaust Vent (on some models)

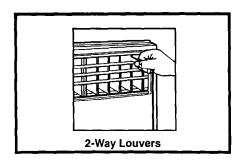
The exhaust vent sets the air conditioner to either recirculate inside air (VENT CLOSED) or exhaust air to the outside (VENT OPEN). The exhaust vent can be set in either the EXHAUST (OPEN) or VENT CLOSED position.

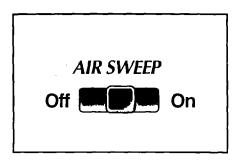
- The VENT CLOSED position is used when maximum cooling is desired. It may also be used for air recirculation without cooling when the air conditioner is set in the FAN position.
- The VENT CLOSED position is used for maximum heating on heat and cool models.
- The EXHAUST (OPEN) position removes stale air from the room and exhausts it to the outside. Fresh air is drawn into the room through normal air passages found in homes.
- The EXHAUST or VENT CLOSED positions can be used with any fan selection.

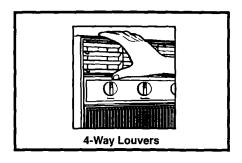


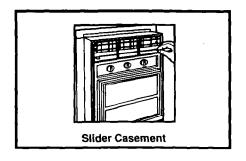
Air Conditioner Features (continued)











Air Directional Louvers

Air directional louvers control the airflow direction. Your air conditioner has one of the louver types shown below.

2-Way Louvers

Louvers at the top front of some air conditioners permit side-to-side adjustment of air flow direction. Move the levers to direct air to either the left or right. The left lever adjusts the left half of the louver and the right lever adjusts the right half of the louver.

Fixed Louvers

The fixed air directional louvers at the top front of the air conditioner are permanently in position for most efficient air flow. Cool air enters the room at an upward angle to minimize drafts.

4-Way Louvers

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

On slider-casement models, thumb wheels for side-to-side adjustments are located on the bottom of the louvers. To direct air upward or straight out, tilt the horizontal louvers accordingly.

6-Way Louvers

The 6-way louvers permit upward or straight out air flow and air flow direction from side to side. This type of louver is found only on the side air discharge models. The side-to-side adjustment of air flow direction is achieved by moving the handle to either the left or right.

Air Sweep (on some models)

The Air Sweep feature provides a continuous side-to-side air circulation, reducing hot spots in the room regardless of window location. To operate Air Sweep, slide the Air Sweep control to ON. Cool air will sweep from side-to-side, providing a better air distribution. If a fixed direction of circulating air is preferred, the louvers can be stopped at any position. Simply slide the Air Sweep control to OFF at the point of the desired position.

Power Exhaust (on some models)

Power exhaust removes stale air from the room. To set the air conditioner at power exhaust, close all louvers completely. Slide EXHAUST VENT to EXHAUST (OPEN) position. Set unit on FAN, FAN HI, or CONSTANT FAN HI. Fresh air will enter the room through normal air passages in the home.

Power Thrust (on some models)

Power thrust throws air a greater distance into the room. To set the air conditioner to power thrust, close the right vertical louver. (For Air Sweep models, slide the Air Sweep control to OFF when the vertical louvers are in the desired position.)

Adjustable Humidity (on some models)

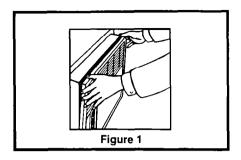
To reduce humidity, nearly close both vertical louvers. Set the unit to "COOL" and the fan to "Low." Set the exhaust vent to CLOSED and set the thermostat at the desired temperature.

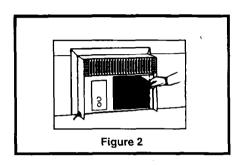
Night Time Cooling

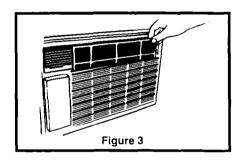
When outside temperatures drop below 70°F and the unit is cooling, frost may form on the coils and block airflow into the room. If this occurs, operate the air conditioner on the "FAN" setting (or CONSTANT FAN HI for energy saver models) to defrost the coil.

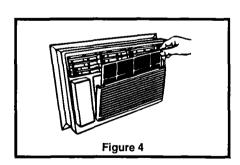
If cooling while the outside temperature is low, set the thermostat to the middle position. Make sure the louvers are open. This will help prevent frost buildup.

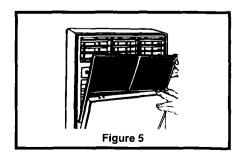
Care and Cleaning











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

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 will build up and can also cause an accumulation of frost on the cooling coils.

There are two types of filters – the floppy filter and the rigid filter. Find the filter removal instructions that belong with your model.

- On models with floppy filters, remove the slotted screw on each side
 of the cabinet with a standard screwdriver. Pull the front toward you
 and pull the filter from its recess. See figures 1 and 2.
- Units with rigid filters allow you to remove the filter without removing the front. Simply grasp filter, located behind the front panel, and pull up (see figure 3), or gently pull the top or bottom of the front panel towards you, pivoting it away from the cabinet. Pull filter either up or down and out by grasping tabs on the filter frame. See figure 4.
- For compacts, the vent door handle and the control door must be in the closed position when removing the filter for cleaning.
- On slider-casement models, press down on the top of the front panel. Gently pull the top of the panel out from the cabinet. Pull the filter straight up and out. See figure 5.
- Wash the filter with liquid dishwashing detergent and warm water.
 Rinse the filter thoroughly. Gently shake the excess water from the filter. Replace the 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 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.
 Follow directions for removing the fronts below.
- Clean the front using a liquid dishwashing detergent and warm water. Rinse thoroughly and dry. Be careful not to disturb any soft seals on the front.
- Replace the cabinet front, filter, and front panel making sure the screws or hex nuts are securely in place.

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 shock, and 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 or authorized service agency. The cover will protect the air conditioner when it is left in place through the winter.

If You Need Service or Assistance

Before you call for service ...

If you are having an operating problem, check the chart to see what the cause might be before you call for assistance.

PROBLEM	POSSIBLE CAUSE	SOLUTION
Air conditioner will not operate.	 Wall plug disconnected. House fuse blown or circuit breaker tripped. Power switch in OFF position. Unit accidentally turned off by moving the thermostat to a higher temperature and then immediately turned back to a colder position. ENERGY SAVER selector is ON or selector switch in COOL or FAN position. Unit turned off and then on too quickly. 	 Push plug firmly into wall outlet. Replace fuse with time delay type or reset circuit breaker. Turn power switch to ON position. Wait approximately 3 minutes. Listen for the compressor to start. Turn thermostat to lower setting. Slide ENERGY SAVER to OFF. If air conditioner is turned off, wait 3 minutes before restarting.
	 Thermostat set too low for cooling or too high for heating (on some models). 	 Adjust thermostat to higher number for cooling, lower number for heating.
Air from unit does not feel cold enough.	 Selector in FAN position. Thermostat set too warm. Room temperature below 70°F. Auto Delay (on some models) in effect. Temperature sensing tube touching cold coil, located behind air filter (on some models). 	 Set selector to COOL position. Set thermostat to colder temperature. Cooling may not occur until room temperature rises above 70°F. Wait approximately 3 minutes. Listen for compressor to restart. Straighten tube so it does not touch coil.
Air Conditioner cooling, but room is too warm – ice forming on cooling coil behind decorative front.	 Outdoor temperature below 70°F. Dirty air filter – air restricted. Thermostat set too cold for nighttime cooling. 	 To defrost the coil, set selector to FAN position. Then, set thermostat to warmer position. Clean filter. Refer to Care and Cleaning section. To defrost, set selector to FAN. To defrost the coil, set selector to FAN position. Then, set thermostat to a normal position.
Air conditioner cooling but room too warm – no ice forming on cooling coil behind decorative front.	 Dirty air filter – air restricted. Thermostat set too warm. Fan selector set on LOW. Exhaust vent control (on some models) set at OPEN position. Air directional louvers positioned improperly. Front of unit is blocked by drapes, blinds, furniture, etc., – restricts air distribution. 	 Clean air filter. Refer to Care and Cleaning section. Set thermostat to colder setting. Set fan speed selector to HI for maximum cooling. Set control at CLOSED position for maximum cooling. Position louvers for better air distribution. Clear blockage in front of unit.

If You Need Service or Assistance (continued)

PROBLEM	POSSIBLE CAUSE	SOLUTION
Air conditioner cooling but room too warm – no ice forming on cooling coil behind decorative front. (continued)	 Doors, windows, registers, etc. open – cold air escapes. Unit recently turned on in hot room. Insufficient cooling capacity. 	 Close doors, windows, registers, etc. Allow additional time to remove "stored heat" from walls, ceiling, floor, and furniture. Reconfirm the required cooling capacity with your dealer.
Air conditioner turns on and off rapidly.	 Dirty air filter – air restricted. Outside temperature extremely hot. 	 Clean air filter. Set fan on HI to bring air past cooling coils more frequently.
Noise when unit is cooling.	 Air movement sound. Sound of fan hitting water-moisture removal system. Window vibration – poor installation. 	 The sound of rushing air is normal. If too loud, turn selector to lower fan setting. This is normal when humidity is high. Close doors, windows, and registers. Refer to installation instructions – check with installer.
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.
Water dripping outside when unit is cooling.	 Unit removing large quantity of moisture from humid room. 	This is normal during excessively humid days.
Air from unit does not feel warm enough on HEAT setting (on some models).	 Selector in FAN or COOL position. Thermostat set too cool. Room temperature is warm enough. 	 Turn switch to HEAT position. Turn thermostat to warmer setting. Heating will not occur until temperature at the thermostat is lower.
Air conditioner heating but room too cool.	 Dirty air filter – air restricted. Thermostat set too cool. Exhaust vent control set at OPEN position. Air directional louvers positioned improperly. Front of unit is blocked by drapes, blinds, furniture, etc., – restricts air distribution. Doors, windows, registers, etc., open – hot air escapes; cold air enters. Unit recently turned on in cool room. Insufficient heating capacity for area to be heated. 	 Clean air filter. Turn thermostat to warmer setting. Set Vent Control to CLOSED for maximum heating. Position louvers for better air distribution. Clear blockage in front of unit. Close doors, windows, registers, etc. Allow additional time to heat walls, ceiling, floor, and furniture. Reconfirm the required heating capacity with your dealer.

If You Need Service or Assistance (continued)

For service in the U.S.A.:

1. If you need assistance* ...

Call our Consumer Assistance Center telephone number. Dial free from anywhere in the U.S.A.:

1-800-253-1301

and talk with one of our trained consultants. The consultant can instruct you in how to obtain satisfactory operation from your appliance or, if service is necessary, recommend a qualified service company in your area.

2. If you need service* ...

We have a nationwide network of authorized service companies. Our service technicians are trained to fulfill the product warranty and provide after-warranty service, anywhere in the United States. To locate the authorized service company in your area, call our Consumer Assistance Center telephone number (see Step 1) or look in your telephone directory Yellow Page under:

APPLIANCES - HOUSEHOLD - MAJOR - SERVICE & REPAIR

3. If you need replacement parts* ...

To locate replacement parts in your area, refer to Step 2 above or call our Consumer Assistance Center number in Step 1.

4. If you are not satisfied with how the problem was solved* ...

- Contact the Major Appliance Consumer Action Panel (MACAP).
 MACAP is a group of independent consumer experts that voices consumer views at the highest levels of the major appliance industry.
- Contact MACAP only when the dealer and authorized servicer have failed to resolve your problem.

Major Appliance Consumer Action Panel 20 North Wacker Drive Chicago, IL 60606

- MACAP will in turn inform us of your action.
- * When requesting assistance, please provide: model number, serial number, date of purchase, and a complete description of the problem. This information is needed in order to better respond to your request.

Warranty

WE WILL PAY FOR	
Replacement parts and repair la materials or workmanship.	bor to correct defects in
Replacement parts and repair labor to correct defects in materials or workmanship in the sealed refrigeration system. These parts are:	
Compressor Evaporator	 Drier-Strainer Connecting Tubing
3. Condenser	o. Connecting rubing
	Replacement parts and repair la materials or workmanship. Replacement parts and repair la materials or workmanship in the system. These parts are: 1. Compressor 2. Evaporator

WE WILL NOT PAY FOR

A. Service calls to:

- 1. Correct the installation of the air conditioner.
- 2. Instruct you how to use the air conditioner.
- 3. Replace house fuses or correct house wiring.
- 4. Clean or replace air filter.
- **B.** Pickup and delivery. This product is designed to be repaired in the home.
- **C.** Damage to the air conditioner caused by accident, misuse, fire, flood, acts of God, or use of products not mentioned in this manual.
- **D.** The removal and reinstallation of the air conditioner if it is installed in an overhead or other inaccessible location or not installed in accordance with published installation instructions.
- **E.** Repairs to parts or systems caused by unauthorized modifications made to the appliance.

Service under the full warranties must be provided by an authorized service company. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Outside the United States, a different warranty may apply. For details, please contact your authorized distributor or military exchange.

If you need service, first see the "If You Need Service or Assistance" section of this book. After checking "If You Need Service or Assistance," additional help can be found by calling our Consumer Assistance Center service assistance telephone number, **1-800-253-1301**, from anywhere in the U.S.A.