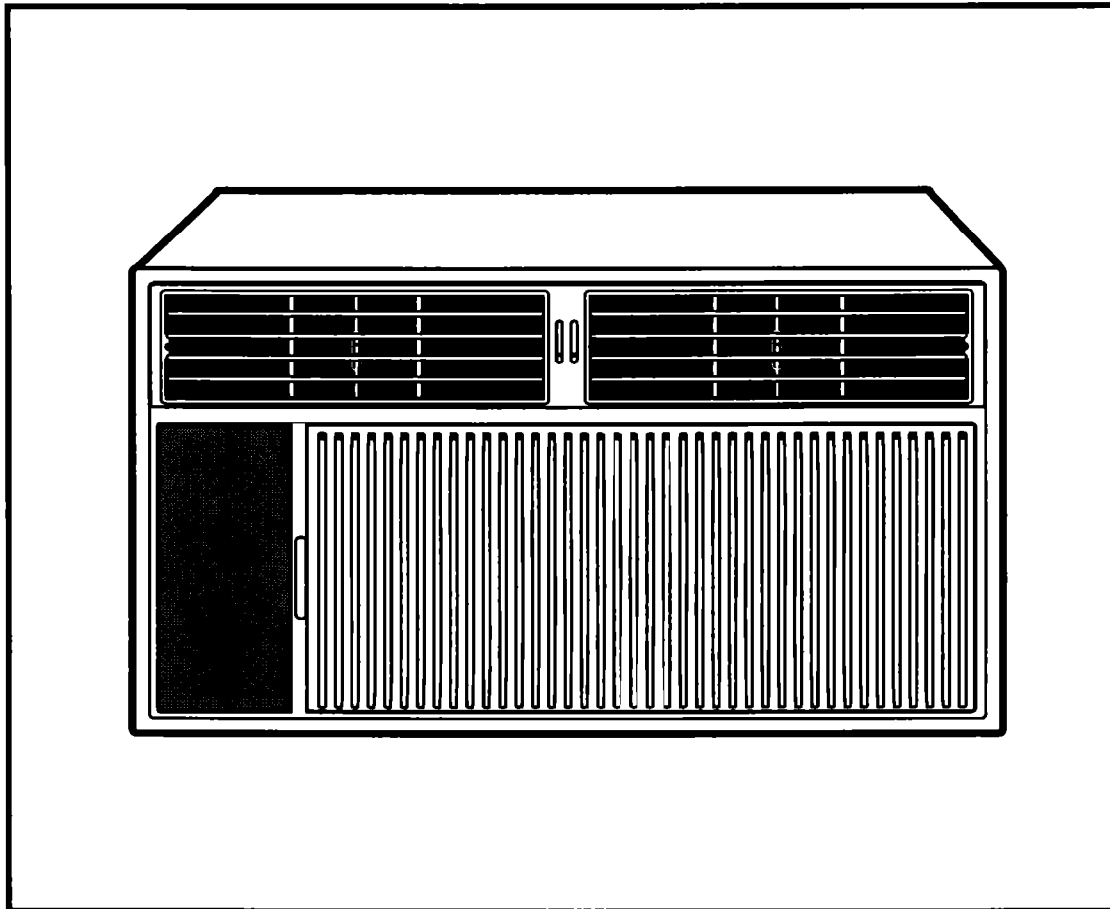


Installation Instructions and Use & Care Guide



THROUGH-THE-WALL AIR CONDITIONER

4-96

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Thank you for buying this appliance. Please complete the form below. Have this information ready if you need service or call with a question.

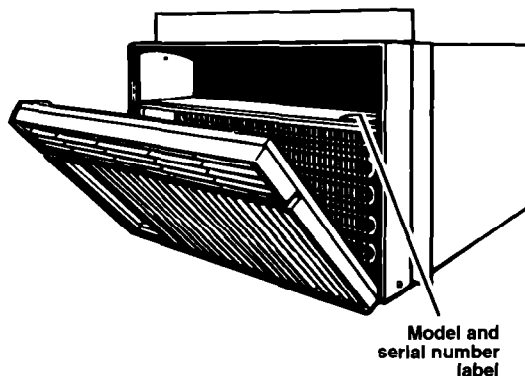
- Copy model and serial numbers from label (see diagram below) and purchase date from sales slip.
- Keep this book and sales slip together in a handy place.

Model Number

Serial Number

Purchase Date

Service Company Phone Number



Important Safety Instructions

⚠ WARNING

To reduce the risk of fire, electrical shock, or personal injury when using your air conditioner, follow these basic precautions:

- Read all instructions before using your air conditioner.
- Complete the installation requirements as described in "Installation Instructions" on pages 5-7.
- Never allow children to operate or play with the air conditioner.
- Do not operate the air conditioner with the front panel removed.
- Never clean air conditioner parts with flammable fluids. The fumes can create a fire hazard or explosion.

• FOR YOUR SAFETY •

DO NOT STORE OR USE GASOLINE OR OTHER FLAMMABLE VAPORS AND LIQUIDS IN THE VICINITY OF THIS OR ANY OTHER APPLIANCE. THE FUMES CAN CREATE A FIRE HAZARD OR EXPLOSION.

It is your responsibility to be sure your air conditioner:

- Is installed in a wall that will hold the weight, and is secured according to the Installation Instructions.
- Is connected only to the proper kind of outlet, with the correct electrical supply and grounding. (See "Electrical Requirements" on pages 3-4.)
- Is the correct size for the area you want to cool.
- Is used only for the job it was designed to do.
- Is not used by children or anyone unable to operate it properly.
- Is properly maintained.

Also, remove Energy Label and Buy Guide. Use a damp cloth to take off any glue residue. Do not use sharp instruments, flammable fluids, or abrasive cleaners. These can damage the material.

- SAVE THESE INSTRUCTIONS -


Electrical Requirements

Your model's ampere rating is printed on the model and serial number label, attached to the unit, behind the front panel. (See diagram on page 2.)

OBSERVE ALL LOCAL CODES AND ORDINANCES.

DO NOT, UNDER ANY CIRCUMSTANCES, REMOVE THE POWER SUPPLY CORD GROUNDING PRONG.

NOTE: If codes permit and a separate grounding wire is used, it is recommended that a qualified electrician determine that the grounding path is adequate and not interrupted by plastic, non-metallic gaskets or other insulating materials.

| |
|---|
| ⚠ WARNING |
|  |
| Fire Hazard Do not use an extension cord. Doing so can result in death, fire, or electrical shock. |

| |
|--|
| ⚠ WARNING |
|  |
| Electrical Shock Hazard Plug into a grounded 3-prong outlet. Do not remove ground prong. Do not use an adapter. Do not fuse neutral or grounding circuit. Failure to follow these instructions can result in death or electrical shock. |

115 volt model with amperes from 7.6 through 12.0

Receptacle wiring

Receptacle wiring should be a minimum of 14 gauge. Use copper wire only. It is the responsibility of the consumer to provide proper and adequate receptacle wiring, installed by a qualified electrician. Observe National Electrical Code and all local governing codes and ordinances.

Electrical requirements

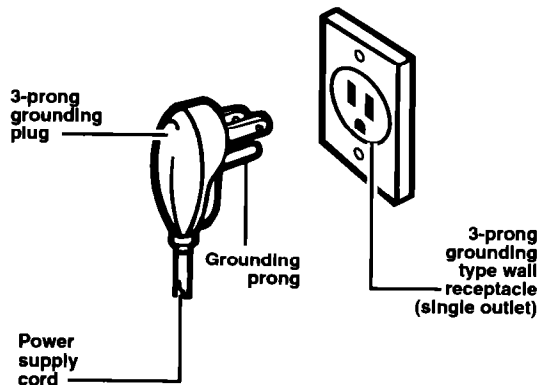
A 115 volt (103.5 min., 126.5 max.), 60 Hz, AC only, 15 ampere fused electrical supply is required (time delay fuse or time delay circuit breaker required). It is **required** that a separate circuit, serving only this air conditioner, be provided.

Electrical connection

Electrical ground is required on this air conditioner.

Recommended grounding method

For your personal safety, this air conditioner must be grounded. This air conditioner is equipped with a power supply cord having a 3-prong grounding plug. To minimize possible shock hazard, the cord must be plugged into a mating 3-prong grounding-type wall receptacle, grounded in accordance with the National Electrical Code (ANSI/NFPA 70 – latest edition) and local codes and ordinances. If a mating wall receptacle is not available, it is the responsibility of the customer to have a properly grounded 3-prong wall receptacle installed by a qualified electrician.



Installation Instructions

⚠ WARNING

Excessive Weight Hazard

Use 2 or more people to move and install air conditioner.

Failure to do so can result in back or other injury.

This air conditioner has been designed for installation through the wall, in a sleeve. It is the responsibility and obligation of the customer to have this product installed by a qualified technician familiar with through-the-wall installation.

OR

If you choose to install the air conditioner yourself, read all installation instructions, as well as the electrical requirements and operating instructions, **before** installing your unit. This will help to avoid any installation problems and will help ensure trouble-free performance of your new air conditioner.

Before installing

Installation tips

- Inspect the condition of the wall where the air conditioner will be installed. Be sure it will support the weight of the unit.
- Watch out for the sharp metal fins on the front and rear coils.
- Be sure your air conditioner does not fall during installation.
- Do not install the air conditioner where the plastic cabinet front will be exposed to a heat source that raises the surface temperature above 120°F.

Tools required

- Phillips screwdriver

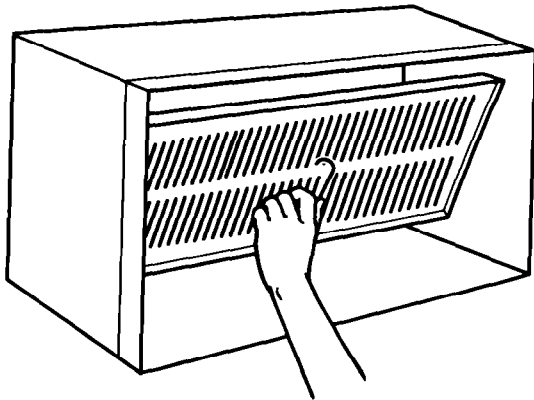
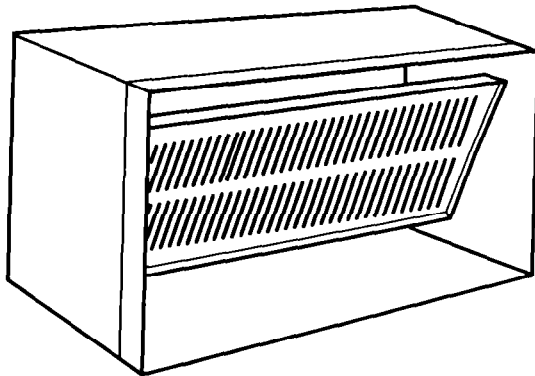
Installing in an old sleeve

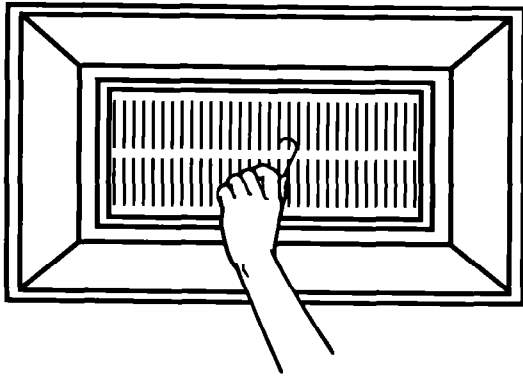
1. Remove the rear grille from the sleeve and replace it with the new grille.
2. The part number label on the grille should face the inside of the room.

NOTE: If your sleeve is of another make, you can purchase a sleeve and adapter kit designed to adapt your sleeve to this air conditioner. An accessory kit is also available for window installation. Both kits are available from your local dealer.

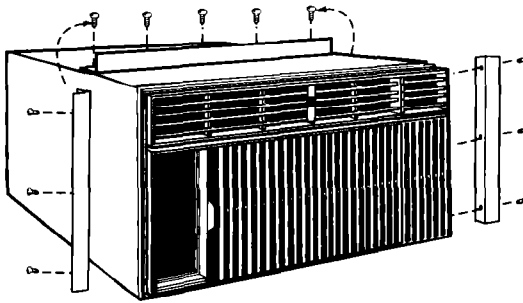
Installing in a new sleeve

1. Remove the front and back covers. Save these for future use to seal the sleeve if the air conditioner is removed.
2. Remove the rear grille from the sleeve.
3. Brush out all debris from inside the sleeve, making sure the inside is clean and that the drain holes are completely clear.
4. Loosen screws in the rear grille to about $\frac{1}{8}$ ". Then, while holding on to the wire loop, tip the grille and pass it through the rear opening of the sleeve. The baffle contact area should be on the left.

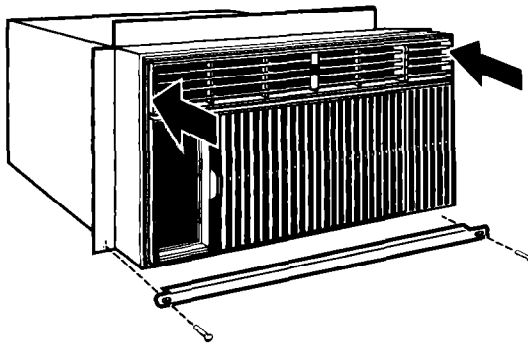




5. Align the grille to engage the screw heads through the keyhole slots in the outer flanges of the sleeve. Push downward until the screws are positioned into the bottom of the keyhole slots. Tighten all four screws, and unwind and discard the wire loop.
6. Unpack the air conditioner according to the carton instructions.



7. Remove the two screws from the outer edges of the top of the cabinet. Use these and the additional three screws supplied to attach the top trim frame.
8. Use six of the screws supplied to attach the left and right vertical trim frames to the existing holes in the cabinet.




9. Slide the air conditioner fully into the sleeve. Center the air conditioner in the sleeve so that all seals bear evenly to prevent leakage.
10. Use the two screws supplied to attach the bottom trim frame to the existing holes in the vertical trim frame.
11. Before inserting the plug into the power supply, make sure the Fan Control is Off.

Operating Instructions


Starting your air conditioner

⚠ WARNING

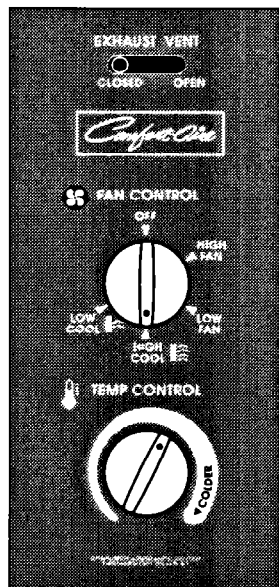


Fire Hazard
Do not use an extension cord.
Doing so can result in death, fire, or electrical shock.

⚠ WARNING



Electrical Shock Hazard
Plug air conditioner into a grounded electrical outlet.
Do not use air conditioner with front panel removed.
Failure to follow these instructions can result in death, fire, or electrical shock.

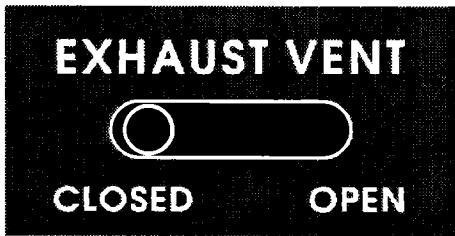
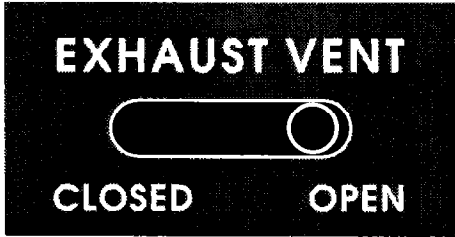


1. Set Exhaust Vent Control to Closed for maximum cooling results.
2. Set Fan Control to the desired setting.

LOW COOL for sleeping comfort
HIGH COOL for maximum cooling
LOW and HIGH FAN for circulating room air when no cooling is desired

3. Turn the Temp Control to the desired setting. You can adjust the air conditioner's cooling performance by turning the Temp Control clockwise for more cooling or counter-clockwise for less cooling. You will need to experiment to find the setting which suits you best.

NOTE: If you turn your air conditioner off or if the compressor turns off when lowering the Temp Control, wait at least three minutes before turning it back on or you may blow a fuse or trip a circuit breaker.



The exhaust vent control

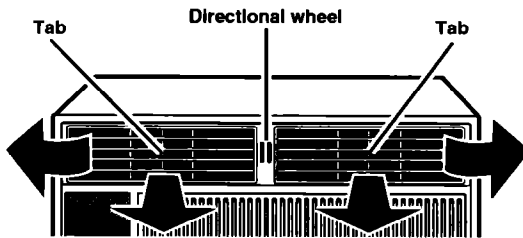
The Exhaust Vent draws stale or smoky air from the room, or circulates existing room air.

To exhaust room air

1. Set the Exhaust Vent Control to Open.
2. Set the Fan Control to the desired setting.
If no cooling is desired, set the Fan Control to Low or High Fan.
3. Set the Temp Control to the desired setting.

To circulate room air

1. Set the Exhaust Vent Control to Closed.
 2. Set the Fan Control to the desired setting.
If no cooling is desired, set the Fan Control to Low or High Fan.
 3. Set the Temp Control to the desired setting.
- NOTE:** For maximum performance, the Exhaust Vent Control must be in the Closed position when cooling or room air circulation is desired.



Changing air direction

The air direction louvers, in the top grille area of the front panel, control the direction of the cooled air. Move the tabs in the center area of the louvers to adjust airflow left, right, or straight ahead. Move the thumb wheel between the louvers to direct airflow up or down.

Cleaning Instructions

Proper use and care of your air conditioner will help ensure longer life of the unit and lower operating costs. Follow these instructions carefully. Call your local servicing dealer for an annual checkup.

Cleaning the front panel

⚠ WARNING

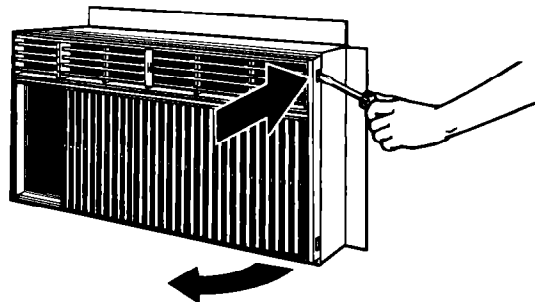


Explosion Hazard

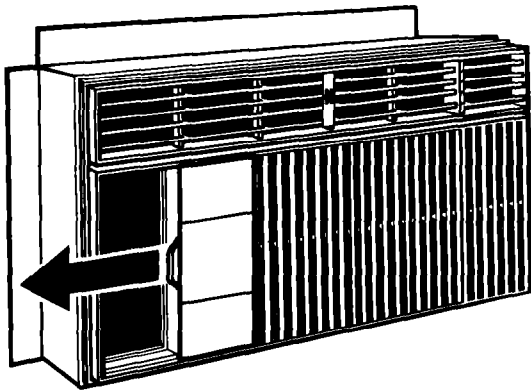
Unplug power cord from outlet before cleaning air conditioner.

Use only nonflammable cleaners.

Failure to follow these instructions can result in death, explosion, fire, or electrical shock.



1. Unplug power cord.
2. Remove the front panel from unit for cleaning.
3. Place the tip of a thin blade screwdriver against the cabinet behind the plastic projection on the upper right side of the front panel. Gently push with the screwdriver to unlock the plastic projection and pull the front panel forward. Repeat steps for plastic projection on the bottom right side. Watch out for the sharp metal fins on the coils.
4. Swing the right side of the front panel away from the cabinet and unhook the plastic projection on the left side.
5. Clean the front panel using a soft cloth with warm water and a mild detergent. Rinse and dry.
6. Replace the front panel. Hook the plastic projections on the left side and swing the right side into position. Gently press the right corners back into position while pushing on the side of the cabinet with the screwdriver.
7. Reconnect power supply.



Cleaning the slide-out air filter

The filter is cleanable. A clean filter helps remove dust, lint, and other particles from the air. Check the filter every two weeks to see if it needs cleaning.

1. To remove the filter, gently pull the filter frame handle forward and slide the filter to the left.
2. Clean the filter using a vacuum cleaner.

OR

If the filter is very dirty, wash it with warm water and a mild detergent. Air dry the filter thoroughly before replacing it. Do not use a hot air dryer to dry the filter.

3. To replace the filter, slide it to the right, then push the handle in.

Maintenance Instructions

Annual maintenance

Your air conditioner needs annual maintenance to help ensure steady, top performance throughout the year.

Call the service company recommended by your dealer to:


- Inspect and clean the coils and condensate water passages.
- Check fan.

The compressor and fan motor are sealed and need no oiling. The expense of an annual inspection is the customer's responsibility.

OR

If you are familiar with electrical appliances, you can do the cleaning and maintenance yourself. If you choose to do so, follow these steps:

⚠ WARNING



Electrical Shock Hazard

Unplug power cord from outlet before servicing.

Be sure no liquid gets into the motor, electrical control box, or compressor terminals.

Failure to follow these instructions can result in death, electrical shock, or serious injury.

⚠ WARNING

Excessive Weight Hazard

Use 2 or more people to move and install air conditioner.

Failure to do so can result in back or other injury.

1. Unplug power cord.
2. Remove the air conditioner from the sleeve. (See pages 5-7.)
3. Remove the front panel. (See page 10.)
4. Remove the screws from the top and sides of the cabinet, and then remove the cabinet. Watch out for the sharp metal fins on the front and rear condenser coils.
5. Wrap the motor, electrical control box, and compressor terminal box in plastic film to make sure no water or other liquid gets inside. Water or other liquids could damage the insulation and cause serious mechanical problems.
6. Clean and hose out the base, coils, and condensate pan. Clean at least once a year, or more often if the condenser coils and pan collect dirt, sand, leaves, insects, or algae. Also, clean if you detect an odor coming from the air conditioner. Do not use the collected water for drinking purposes. It is not sanitary.
7. Remove the plastic film from the motor and electrical parts.
8. Reattach the cabinet with the screws. Replace the front panel, and reinstall the air conditioner in the sleeve.
9. Reconnect power supply.

NOTE: It is a good idea to wait 24 hours before starting the air conditioner again. This allows time for all areas to dry out. The water from rainfall or from normal operation does not harm these components.

Energy saving tips

- Improve home insulation. Seal doors and windows, and close fireplace flue.
- Close blinds or drapes on sunny side of house. Add window awnings.
- Keep air filter clean. Do not block airflow with drapes or furniture.
- Ventilate attic (high temperature levels add to normal cooling load).
- Try not to use heat producing appliances during the hottest part of the day. Turn lights, radios, televisions, and other appliances off when not needed.
- Keep heat registers and cool air returns closed or blocked off so cooled air won't escape.
- Use a vent fan in cooking, laundry, or bathing areas to pull out heat and moisture near its source.

Troubleshooting

Listed in the chart below are the most common problems consumers run into with their air conditioners. Please read through this chart before calling for service. It could save you the cost of a service call.

| PROBLEM | CHECK IF | WHAT TO DO |
|---|---|---|
| Unit won't run. | <ul style="list-style-type: none"> • Power cord is plugged into a live circuit with proper voltage. • Fuse has blown or circuit breaker has tripped. Also, check if a time-delay fuse has been used. • Fan Control is set to Off. • Local power has failed. | <ul style="list-style-type: none"> • Firmly plug power cord into electrical outlet. Check circuit voltage at fuse/circuit breaker box. • Replace fuse with a time-delay fuse of the correct capacity. Reset circuit breaker. • Set Fan Control to another setting. • Wait for power to be restored. |
| Unit blows fuses or trips circuit breaker. | <ul style="list-style-type: none"> • Time-delay fuse being used is of correct capacity. • An extension cord is being used. • Cooling circuit was turned off and on again quickly. | <ul style="list-style-type: none"> • Replace fuse with a time-delay fuse of the correct capacity. • Do not use an extension cord with this or any other appliance. • Wait at least three minutes after turning cooling circuit off before trying to restart unit. |
| Unit turns on and off OR does not cool room. | <ul style="list-style-type: none"> • Filter is dirty. • Inside evaporator coils and outside condenser coils are dirty. • There is excessive heat or moisture in room. • Fan speed is too low. • Temperature setting is too low. | <ul style="list-style-type: none"> • Clean filter. (See page 11.) • Clean coils. (See page 12.) • Use exhaust fans to reduce room heat, or set Exhaust Vent Control to Closed to reduce moisture. • Set Fan Control to a higher setting. • Set Temp Control to a colder setting. |

Normal operating sounds ...

When your room air conditioner is **operating normally**, you will hear sounds such as:

- Droplets of water hitting the condenser, causing a "pinging" or "clicking" sound. Water droplets help to cool the condenser.
- Air movement from the fan, especially on high fan speed settings.
- Clicks from the cooling cycle.

Sounds also may be caused by house construction – such as vibration of the unit due to wall construction or unsteady window mounting area.

Requesting Assistance or Service

Before calling for assistance or service, please check "Troubleshooting" on page 14. It may save you the cost of a service call. If you still need help, follow the instructions below.

1. If you need assistance* ...

Call our Consumer Assistance Center telephone number. Dial toll-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 Pages 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 Program (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 Program
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

| LENGTH OF WARRANTY | WE WILL PAY FOR |
|--|--|
| FULL ONE-YEAR WARRANTY From Date of Purchase | Replacement parts and repair labor to correct defects in materials or workmanship. |
| FULL FIVE-YEAR WARRANTY From Date of Purchase | Replacement parts and repair labor to correct defects in materials or workmanship in the sealed refrigeration system. These parts are: 1. Compressor 4. Drier-Strainer 2. Evaporator 5. Connecting Tubing 3. Condenser |
| WE WILL NOT PAY FOR | |
| <p>A. Service calls to:</p> <ol style="list-style-type: none"> 1. Correct the installation of your air conditioner. 2. Instruct you how to use your air conditioner. 3. Replace house fuses or correct house wiring. 4. Clean or replace air filter. <p>B. Pickup and delivery. Your air conditioner is designed to be repaired in the home.</p> <p>C. Damage to your air conditioner caused by accident, misuse, fire, flood, acts of God, or use of products not mentioned in this manual.</p> <p>D. The removal and reinstallation of your air conditioner if it is installed in an overhead or other inaccessible location or not installed in accordance with published installation instructions.</p> <p>E. Repairs to parts or systems caused by unauthorized modifications made to the appliance.</p> | |

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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 dealer.

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