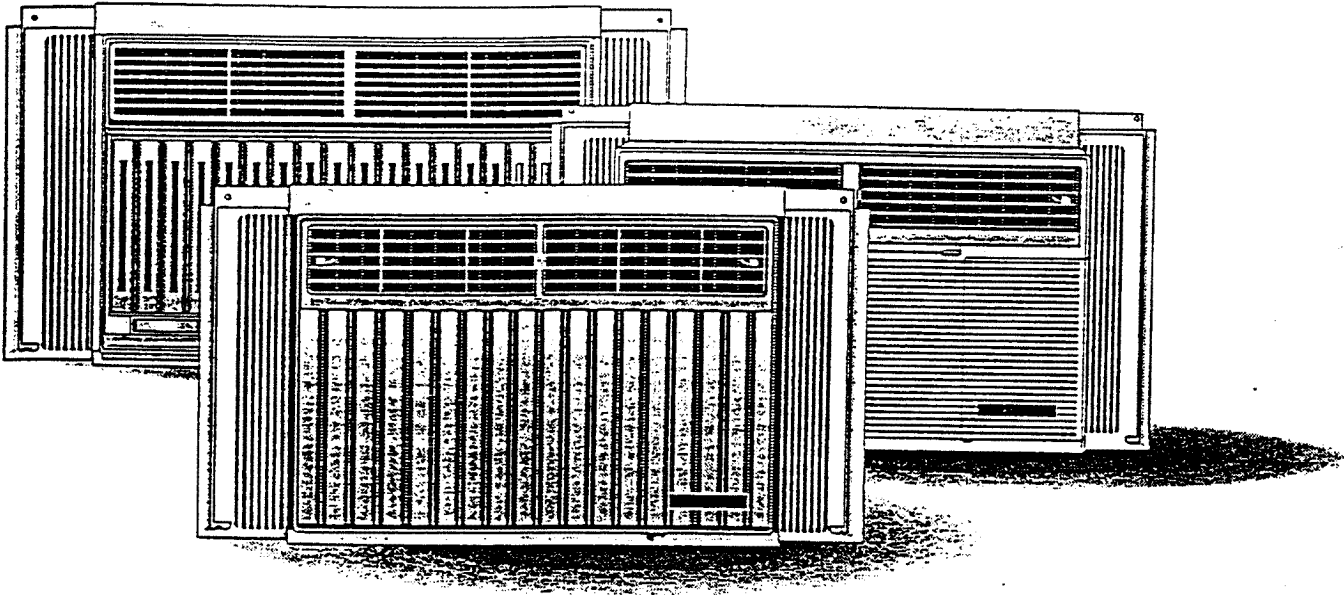


INSTALLATION & OPERATIONS MANUAL

*Including Service and Warranty
Incluidos mantenimiento y la garantía
Avec service et garantie*



*Room Air Conditioners for Double-Hung Windows
Acondicionadores de aire ambiental para ventanas dobles
Climatiseur d'air individuel pour fenêtres à guillotine*

5,000 – 10,000 BTU'S

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Major Appliance Consumer Action Panel

INSTALLATION

1

⚠ WARNING

Electrical Shock Hazard

1. Plug unit only into grounded electrical outlet.
2. Do not use an extension cord or plug adaptor with this unit.
3. Do not operate unit with front removed.

Failure to follow the above precautions could result in electrical shock, fire or personal injury.

If the air conditioner has a serial plate rating of 115 volts and up to and including 7.5 amps the unit may be on a fuse or circuit breaker with other devices. However, the maximum amps of all devices on that fuse or circuit breaker can not exceed the amps of the fuse or circuit breaker.

If the air conditioner has a serial plate rating of 115 volts and greater than 7.5 amps it must have its own fuse or circuit breaker, and no other device or unit should be operated on that fuse or circuit breaker.

The location of the serial plate that applies to this model can be found on the back page of this manual.

Notice

Do not operate this air conditioner without proper time delay circuit protection. Refer to serial plate for proper power supply requirements.

RECOMMENDED CIRCUIT WIRE SIZES (As installed per building code)

PROTECTOR SIZE

15 AMP
20 AMP
30 AMP

WIRE GAUGE

#14 MINIMUM
#12 MINIMUM
#10 MINIMUM



115V
15A



230V
15A



230V
20A



230V
30A

⚠ WARNING

Product Damage:

Do not cut, alter or remove any of the expanded polystyrene (white foam) inside this air conditioner.

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.

Window Requirements 22 7/8" to 39" Wide

Air conditioner is factory prepared for installation in standard double hung windows (air conditioner cannot be installed in other types of windows without modification, consult with a qualified installation serviceman). The following installation instructions apply to window openings 22 7/8" to 39" in width. Removal of both filler panels permits installation in windows with a minimum opening width of 20 1/4".

Caution: Do not block air circulation to outside louvers of cabinet.

Tools Needed

- Blade-type screwdriver
- Ruler
- Level
- Pencil

1. ELECTRICAL REQUIREMENTS

1

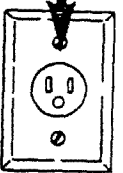
Grounded three-prong wall receptacle



Three-prong grounding plug

2

Single outlet grounding wall receptacle



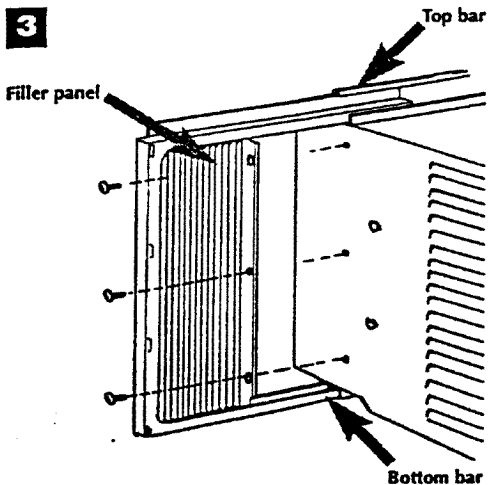
Important Grounding Requirements

1. Air conditioner has a three-prong grounding plug on power supply cord, which must be plugged into properly grounded three-prong wall receptacle for your protection against possible shock hazard. For models up to and including 7.5 amperes use grounding type wall receptacle to match cord plug (Fig. 1).
2. For models above 7.5 amperes use single outlet grounding type wall receptacle to match cord plug (Fig. 2).

Caution: We recommend that a qualified electrician install unit in accordance with the National Electrical Code and local codes and ordinances.
Caution: Use copper conductors only.

INSTALLATION

2. FILLER PANEL INSTALLATION



Attach Filler Panels

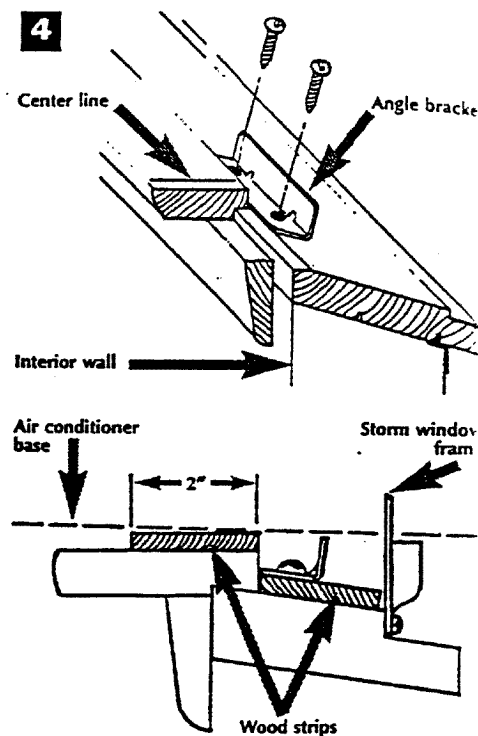
On some models...

1. Attach filler panels to the existing holes in the cabinet using the six (6) #8 x 5/8" long screws supplied (Fig. 3).

3. WINDOW INSTALLATION

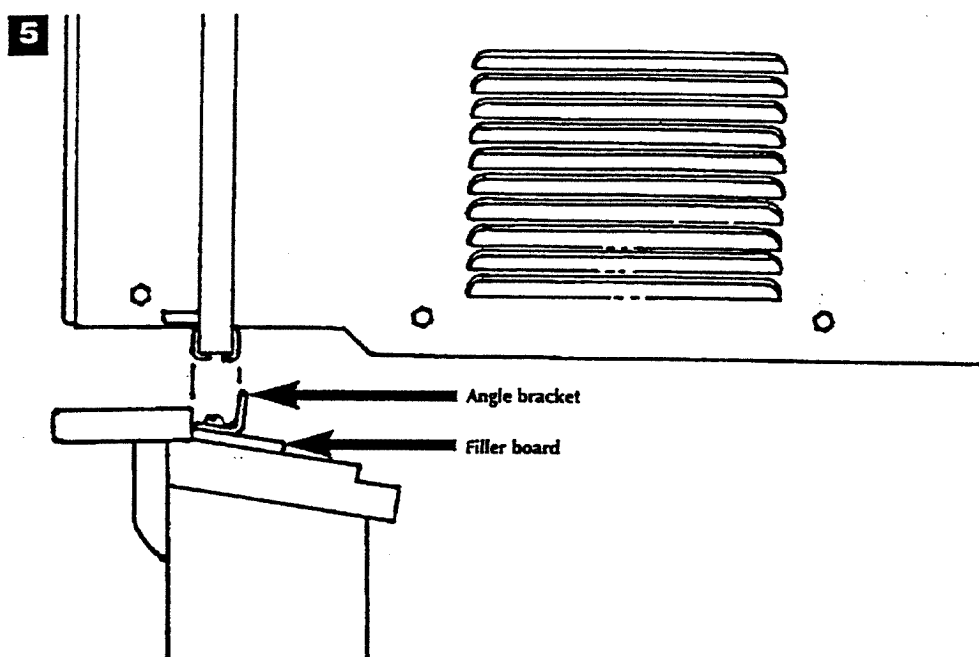
Installation in Window Opening 22 7/8" to 39" Wide

1. Open and mark center line of window.
2. Secure the angle bracket on the center of the window sill with two (2) 1" long screws (Fig. 4).
3. To overcome storm window interference, securely attach 2" wide wood strips to the window stool and sill, with either nails or screws. Strips should be as long as window opening and flush with back side of stool. Thickness of strips should be controlled by amount of interference (Fig. 4).



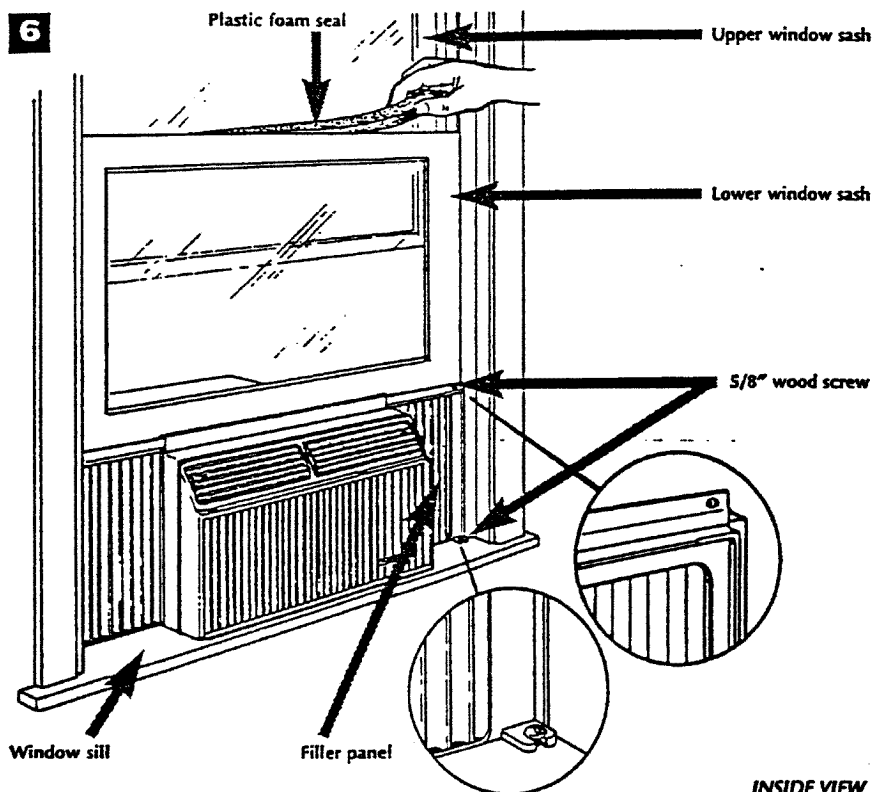
Caution: Do not drill a hole in bottom pan. Unit is designed to operate with approximately 1/2" of water in bottom pan.

4. Keeping a firm grip on air conditioner, carefully center air conditioner in window opening with the bottom bar between the window stool and the angle bracket (if the bracket is too short to hold the unit in position, insert a filler board to make it taller). Be sure cabinet maintains an outward pitch. Air conditioner should slant slightly downward on the outside as shown by half a bubble off on a carpenter's level. This outward pitch prevents water from entering the room (*Fig. 5*).
5. Close window until it touches behind air conditioner top bar. Slide filler panels outward until they touch window sash tracks. (Do not release grip on air conditioner until lower window sash is in final position) (*Fig. 5*).
6. Secure filler panels by driving 5/8" long wood screws into window sash through mounting holes in top slides (*Fig. 6*).
7. Secure bottom of filler panels by driving 5/8" long screws into window sill through filler panel tabs (*Fig. 6*).
8. Cut plastic foam seal to width of window and install between upper and lower window sash (*Fig. 6, next page*).
9. Use supplied sealant to fill any minor openings.



INSTALLATION

3. WINDOW INSTALLATION



Installation in Window Opening 20 1/4" to 22 7/8" Wide

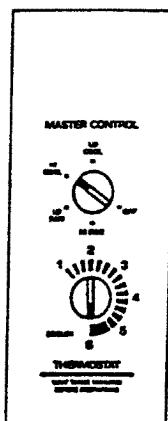
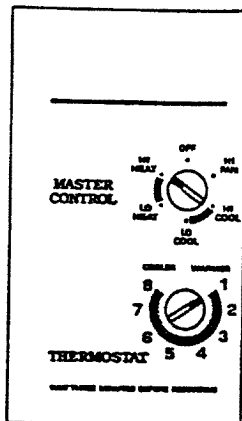
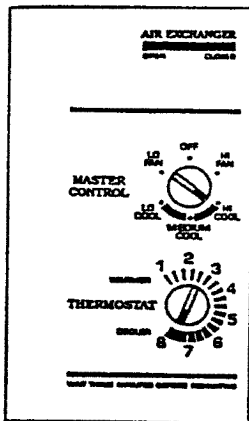
1. Remove filler panels from cabinet (Fig. 5).
2. Refer to steps 1 through 4 of preceding instructions (Pgs. 2 & 3).
3. Close window until it touches behind top bar (Fig. 5).
4. Fasten lower window sash to window frame (use finishing nails, wood screws, or "L" brackets) (Fig. 6).
5. If filler is required on sides of air conditioner, cut plastic foam seal to size and fill both sides (Fig. 6).
6. Cut plastic foam seal to width of window and install between upper and lower window sash (Fig. 6).
7. Use supplied sealant to fill any minor openings.

Consult your authorized dealer or importer for alternative installation instructions.

OPERATION

5

4. CONTROL PANEL



One of the pictured control panels is similar to your panel.

Control Functions

- 1. Air Exchanger:** Circulates fresh air and helps remove stale air when in the open position. Maximum air circulation and cooling occur when in the closed position.
- 2. Master Control:** Turns unit on and off. Selects desired function of unit, cooling or heating (on some models) with continuous

- If room becomes too cool for comfort, turn Thermostat Control counterclockwise until compressor turns off (air circulating fan will remain in operation).
- When the desired comfort level is reached, Master Control may be turned to lower setting.
- To turn unit off, or in event of a power interruption, turn Master Control to OFF.

air circulation or air circulation without cooling or heating.

- 3. Thermostat:** Controls unit thermostat, which regulates room temperature by automatically turning compressor or heating elements (on some models) on and off.

Cooling Operation

- Close Air Exchanger (Available on most models).
- Turn Thermostat Control to highest number.
- Turn Master Control to coolest setting.

Heating Operation Heating Models Only

- Turn Thermostat Control to position "1".
- Turn Master Control to HIGH HEAT.
- If room becomes too warm for comfort, turn Thermostat Control clockwise until heating elements turn off (air circulating fan will remain in operation). The temperature will be automatically maintained. Further adjustment of Thermostat control may be needed to reach desired comfort level.
- When the desired comfort level is reached, Master Control may be turned to LOW HEAT.
- To turn unit off, or in event of power interruption, turn Master Control to OFF.

Air Circulation Without Cooling or Heating

(For models with air exchanger)

To circulate and filter air:

- Close Air Exchanger.
- Turn Master Control to HIGH FAN.

Exhaust Operation Without Cooling or Heating

(For models with air exchanger)

To exhaust stale air, proceed as follows:

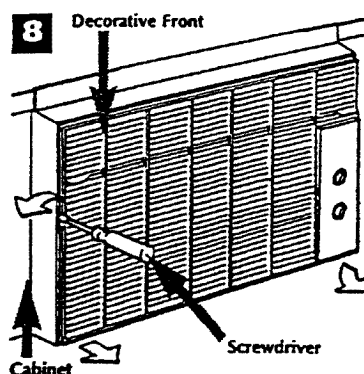
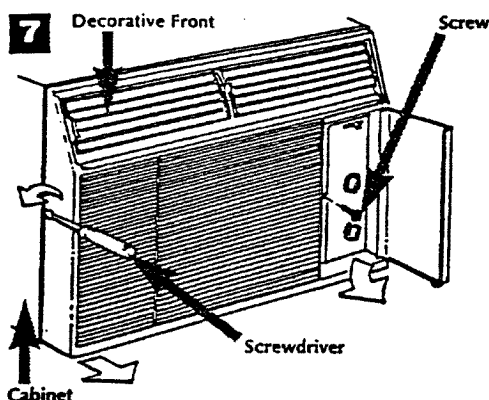
- Open Air Exchanger.
- Turn Master Control to HIGH FAN.

Caution: If air conditioner is shut off, wait a minimum of three minutes before restarting.

The heat from this unit is designed only as a supplemental heat source in addition to regular heating systems.

OPERATION

5. FRONT PANEL



Decorative Front Removal

1. Turn the unit off and remove the plug from the outlet.
2. Remove the screw on the left side of the control panel (Figs. 7 & 8).
3. Place the tip of a thin blade screwdriver between the metal cabinet and the plastic tab on the left side center of the decorative front.
4. Gently twist with the screwdriver and unlock the plastic tab by pulling the decorative front slightly forward.

5. Swing the left side of the decorative front away from the cabinet and unhook the plastic tab on the right.
6. To replace the decorative front, hook the plastic tab on the right side then swing the left side into position. Gently press into position.
7. Reattach the screw on the left side of the control panel. Make sure the decorative front is secure before reconnecting the plug and operating the unit.

Directing Airflow

(Unit with fixed louvers)

Unit is engineered with two fixed bank louvered inserts to direct discharge airflow. To adjust direction of airflow either right or left, proceed as follows:

1. Remove front panel.
2. Position louvered inserts to give desired airflow direction.
3. Replace front panel.

(Unit with adjustable louvers)

Unit is engineered with adjustable louvers to direct discharge airflow. Louvers are manually adjusted by moving levers in direction of desired airflow.

Cleaning Air Filter

On some models...

EVERY TWO WEEKS: Clean the filter.

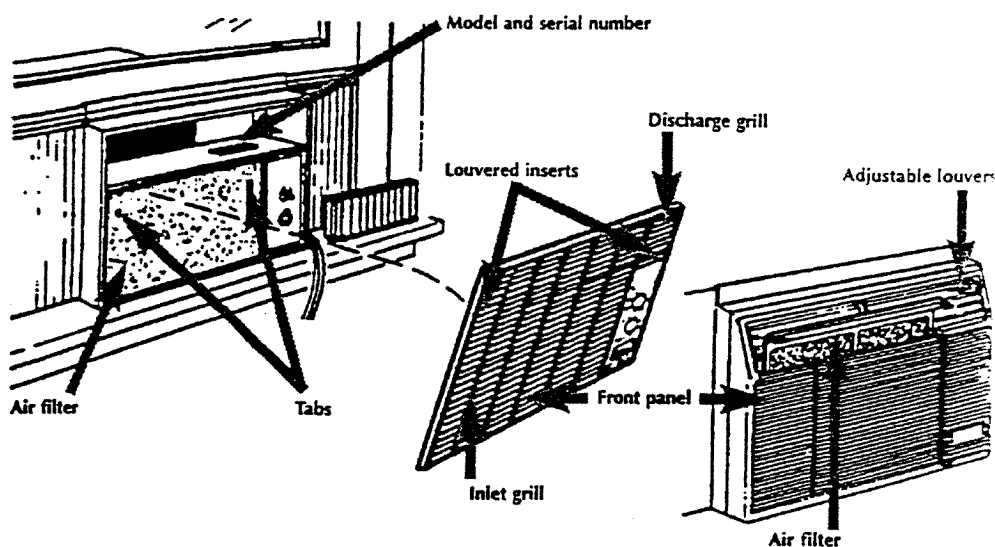
1. Turn the unit OFF and remove the plug from the outlet.
2. Remove the screw on the left side of the control panel.
3. Place the tip of a thin blade screwdriver between the metal cabinet and the plastic projection on the left side center of the decorative front.

4. Gently twist with the screwdriver and unlock the plastic projection by pulling the decorative front slightly forward.
5. Swing the left side of the decorative front away from the cabinet and unhook the plastic projection on the right.
6. Remove air filter from tabs.
7. Carefully wash air filter with a mild detergent and warm water. Rinse with clear water, squeeze dry and replace.
8. To replace the decorative front, hook the plastic projection on the right side then swing the left side into position. Gently press into position.
9. Reattach the screw on the left side of the control panel. Make sure the decorative front is secure before reconnecting the plug and operating the unit.

On other models with slide-out filters...

EVERY TWO WEEKS: Clean the filter.

1. Turn Master Control to OFF.
2. Remove the air filter by grasping the top corners and pulling it up and out of the unit.
3. Wash in hot soapy water, rinse and shake dry.
4. Replace the filter, with the front of the filter toward you.
5. To dry the filter thoroughly, run your unit for a few minutes. Remember, only a clean filter works properly and delivers top efficiency at every setting.



Note: Failure to keep air filter clean will result in poor air circulation. DO NOT operate without filter. This can render the unit inoperative.

Proper use and care of your air conditioner will help ensure longer life of the unit. It is recommended to annually inspect and clean the coils and condensate water passages. Expense of annual inspection is the consumers' responsibilities.

SERVICE & ROOM AIR CONDITIONER WARRANTY

Service Instructions

To save time and expense, check the following before calling an authorized service company.

Insufficient Cooling

- Turn Master Control to OFF.
- Shut all windows and doors in room.
- Remove any obstructions from inside and outside cabinet louvers.
- Close Air Exchanger (available on most units).
- Inspect filter and clean if dirty.
- Turn Thermostat and Master Controls to coolest settings.

Under certain conditions the cooling coils directly behind the filter, may ice up and block the airflow. This is a common occurrence in air conditioners caused when the outside temperature drops below 70°F (21°C) while the humidity remains high. If this happens, simply turn the unit off and allow the ice to melt, then resume normal operation.

Insufficient Heating- Heating Models Only

- Turn Master Control to OFF.
- Shut all windows and doors in room.
- Remove any obstructions from inside and outside cabinet louvers.
- Turn Thermostat and Master Controls to warmest settings.

Unit Fails to Start

- Turn Master Control to OFF.
- Replug line cord plug into outlet to be sure electrical contact is being made. (If firm contact is not being made, outlet may have to be replaced).
- Turn Master Control to HIGH FAN. If air circulating fan does not operate, check house circuit breaker (or fuses).

For Models Installed in North America - If Service or Parts are Required

First, make the recommended checks. If it appears that service or parts are still required, see your room air conditioner warranty "How to Obtain Warranty Service or Parts".

For Models Installed Outside North America

For room air conditioners purchased for use outside North America, the manufacturer does not extend any warranty either expressed or implied. Consult your local dealer for any warranty terms extended by the importer in your country.

Room Air Conditioner Warranty

(Within the 48 contiguous United States, state of Hawaii, the District of Columbia, Puerto Rico and Canada)

Full (One Year) Parts and Labor Warranty

During the first year after the date of original purchase, Fedders North America will, through its authorized servicers and free of charge to the owner or any subsequent user, repair or replace any parts which are defective in material or workmanship due to normal use. Ready access to the air conditioner is the responsibility of the owner.

Limited (Five Year) Sealed System Warranty/ (Two Year) Fan Motor Parts Warranty

In addition to the full (one year) parts and labor warranty described above, Fedders North America will, through its authorized servicers or parts distributors, exchange sealed system parts (consisting of compressor, evaporator, condenser, and interconnecting tubing) during the second year through fifth year, and the fan motor during the second year, both from the original date of purchase, providing the parts are defective in material or workmanship. Transportation, handling, or labor costs to diagnose, repair or replace such defective parts are not covered by this limited parts warranty and are the owner's responsibility.

Note: In the event of any required parts replacement within the period of this warranty, Fedders North America replacement parts shall be used and will be warranted only for the period remaining on the original warranty.

FOR FUTURE REFERENCE

Write down the model and serial numbers

You'll find them on a label behind the air discharge grill. They'll be easier to read if you shine a flashlight on them or remove the front panel. Use these numbers in any correspondence or service calls concerning your air conditioner.

Escriba los números del modelo y de la serie

Los encontrará en una etiqueta detrás de la parrilla de descarga de aire. Se podrán leer con más facilidad si los ilumina con una linterna o retira el panel delantero. Utilice estos números en cualquier correspondencia o llamada de servicio referente a su acondicionador de aire.

Inscrivez les numéros de modèle et de série

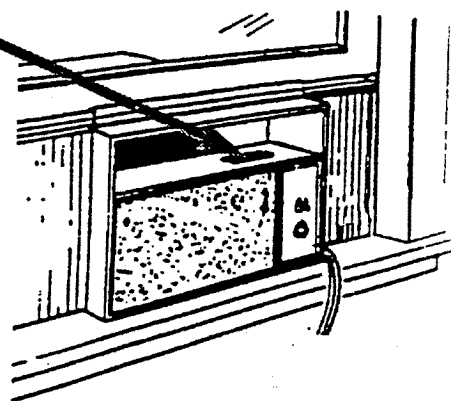
Vous les trouverez sur une étiquette qui se trouve derrière la grille de sortie d'air. Ils seront plus faciles à lire si vous les éclairez avec une lampe de poche ou retirez le panneau avant. Rappelez ces numéros dans tout courrier ou appel pour intervention concernant le climatiseur.

Features and specifications subject to change without notice.

Las características y especificaciones están sujetas a cambio sin previo aviso.

Les caractéristiques et spécifications sont sujettes à modifications sans préavis.

Model and serial number
Números de serie y modelo
Numéros de modèle et de série



Model No., Modelo No., N° de modèle

Serial No., Número de serie, N° de série

Date of Purchase, Fecha de la compra, Date d'achat

Store Name Where Purchased, Nombre del negocio donde fue comprado, Nom du magasin où a été acheté l'appareil

Store Address, Localidad del negocio, Adresse du magasin

Store Phone, Teléfono, Téléphone