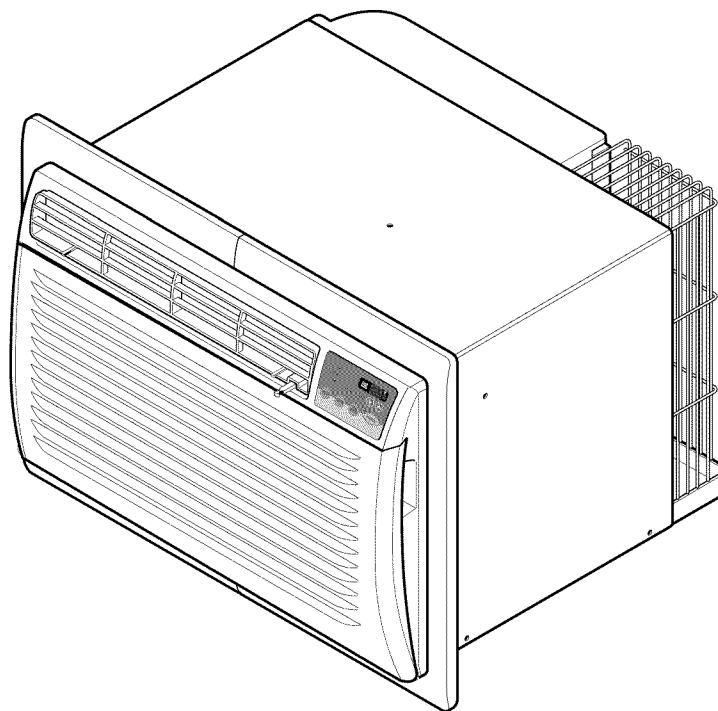


Owner's Manual
Manual del Propietario



THROUGH-THE-WALL AIR CONDITIONER
ACONDICIONADO DE AIRE A TRAVES DE PARED

Model, Modelo 580.75085



ENGLISH

ESPAÑOL

Distributed by Sears, Roebuck and Co., Hoffman Estates, IL 60179
www.sears.com

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WARRANTY

FULL ONE YEAR WARRANTY ON THROUGH-THE-WALL AIR CONDITIONER

For one year 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 this air conditioner, 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 IS AVAILABLE BY CONTACTING SEARS SERVICE AT 1-800-4-MY-HOME®.

Warranty coverage applies only to air conditioners used for non-commercial, private household purposes.

This warranty applies only while this product is in use in the United States.

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

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SAFETY

IMPORTANT SAFETY INSTRUCTIONS

The safety instructions below will tell you how to use your room air conditioner to avoid harm to yourself or damage to your ROOM 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 instructions in this manual.

Save this manual and installation instructions for possible future use in removing or reinstalling this unit.

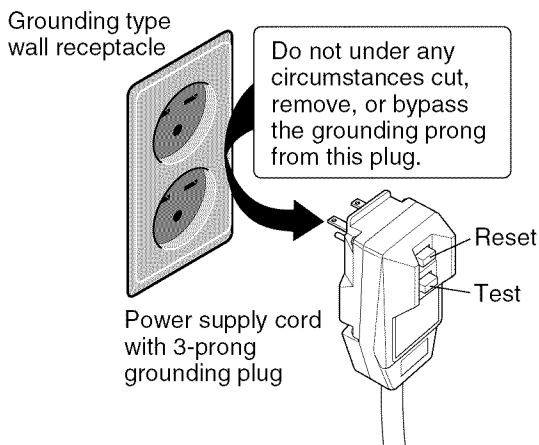
- Use gloves when handling the air conditioner. Be careful to avoid cuts from sharp metal fins on front and rear coils.

⚠ 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 plugged into 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 packing sheet of the back of the sleeve, and packing corner and blue tape of the air conditioner. 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 adapter plug. Do not remove any prong from the power cord.



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 floor and wall registers and the fireplace damper 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 MAINTENANCE section of this manual.
- 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.

ELECTRICAL REQUIREMENTS

OBSERVE ALL LOCAL CODES AND ORDINANCES.

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

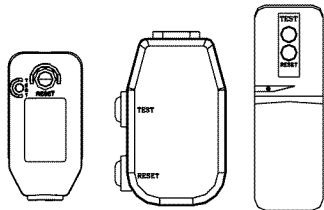
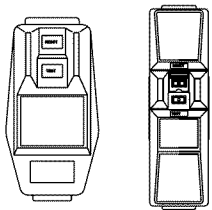
ELECTRICAL GROUND IS REQUIRED ON THIS APPLIANCE.

208/230-volt 60 Hz and 115-volt 60 Hz, AC only, 15A fused and properly grounded electrical supply is required. A time delay fuse or time delay circuit breaker is recommended. Use a dedicated circuit, serving only this appliance.



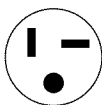
DO NOT USE AN EXTENSION CORD.

RECOMMENDED GROUNDING METHOD


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

115V~	230V~	
		Power cord may include a current interrupter device. A test and reset button is provided on the plug case. The device should be tested on a periodic basis by first pressing the TEST button and then the RESET button. If the TEST button does not trip or if the RESET button will not stay engaged, discontinue use of the air conditioner and contact a qualified service technician.

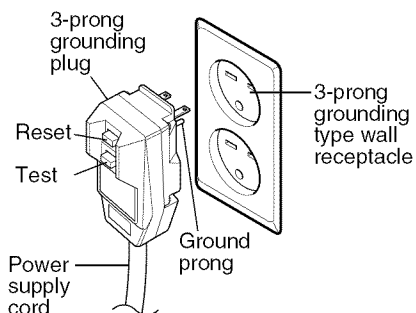
NOTE: The shape may be different according to its model.

Use Wall Receptacle	Power Supply
 Standard 125V, 3-wire grounding receptacle rated 15A, 125V AC	Use 15 AMP. time delay fuse or 15 AMP. circuit breaker.
 Standard 250V, 3-wire grounding receptacle rated 15A, 250V AC	
 Standard 250V, 3-wire grounding receptacle rated 20A, 250V AC	Use 20 AMP. time delay fuse or 20 AMP. circuit breaker.

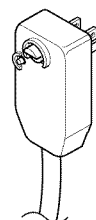
⚠ WARNING



Electrical Shock Hazard
 Plug into a grounded 3 prong outlet.
 Do not remove ground prong.
 Do not use an adapter.
 Do not use an extension cord.
 Failure to follow these instructions can result in death, fire, or electrical shock.



(208/230-volt 60 Hz)



(115-volt 60 Hz)

INSTALLATION

Remove packing materials from the wall sleeve and tape from the air conditioner.

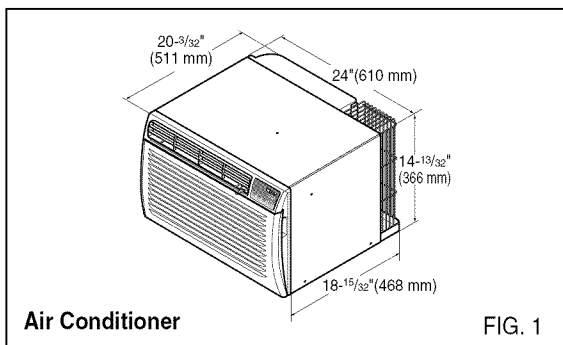
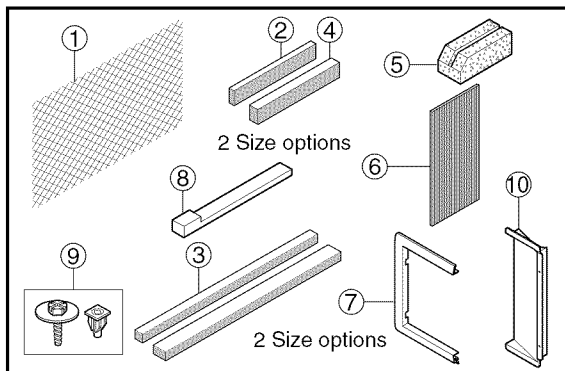
INSTALLATION REQUIREMENTS

If you use an existing wall sleeve, you should measure its dimensions.

Install the new air conditioner according to these installation instructions to achieve the best performance. All wall sleeves used to mount the new air conditioner must be in good structural condition and have a rear grille to securely attach the new air conditioner. (FIG. 1)

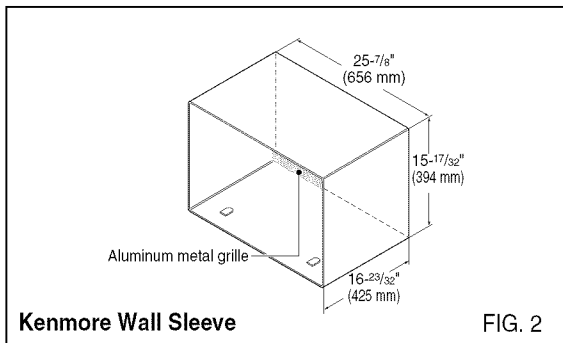
With the Kenmore sleeve, you can maintain the best performance of the new air conditioner. (FIG. 2)

INSTALLATION HARDWARE



Air Conditioner

FIG. 1



Kenmore Wall Sleeve

FIG. 2

ELECTRICAL SERVICE

Check your available electrical service. The power supply available must be the same as that shown on the unit nameplate (found on left side of cabinet).

All models are equipped with a 3-prong service plug to provide proper service and safe positive grounding. Do not change plug in any way. Do not use an adapter plug. If your present wall outlet does not match your plug, call a qualified electrician to make the necessary corrections. **SAVE CARTON** for storage and this **OWNER'S MANUAL** for future reference. The carton is the best way to store unit during winter or when not in use.

ITEM	NAME OF PARTS	Q'TY
①	PLASTIC GRILLE	1
②	VERTICAL INSULATION STRIP	1
③	AROUND INSULATION STRIPS	2
④	HORIZONTAL INSULATION STRIP	1
⑤	SUPPORT BLOCK	2
⑥	BAFFLE	1
⑦	TRIM FRAME	2
⑧	SHIM	2
⑨	PLASTIC NUTS AND WASHER SCREWS	4
⑩	GRILLE REAR	1



CAUTION

To avoid risk of personal injury, property damage, or product damage due to the weight of this device and sharp edges that may be exposed:

- Air conditioners covered in this manual pose an excessive weight hazard. Two or more people are needed to move and install the unit. To prevent injury or strain, use proper lifting and carrying techniques when moving unit.
- Carefully inspect location where air conditioner will be installed. Be sure it will support the weight of the unit over an extended period of time.
- Handle air conditioner with care. Wear protective gloves whenever lifting or carrying the unit. **AVOID** the sharp metal fins of front and rear coils.
- Make sure air conditioner does not fall during installation.

REQUIRED TOOLS:

- Tight Fitting gloves
- Standard screwdriver
- Phillips screwdriver
- Pliers
- Sharp knife
- 3/8-inch open end wrench or adjustable wrench
- 1/4-inch hex socket and ratchet
- Tape measure
- Electric drill
- 1/4-inch drill bit

INSTALLATION



CAUTION

We strongly recommend the removal of the old wall sleeve and the installation of a new Kenmore Wall Sleeve.

If you decide to keep the existing wall sleeve, you have to redirect the louvers at the back of the wall sleeve illustration. The use of pliers is recommended. If you DO NOT redirect, you run the risk of poor performance or product failure. This is not covered under the terms of the Kenmore warranty.

- Pick a location which will allow the conditioned air to blow into the area you want. Good installation with special attention to the proper position of the unit will lessen the chance that service will be needed.

ITEMS IN INSTALLATION HARDWARE

You may not need all parts in the kit. Discard unused parts

ITEM (inches)		Qty.
Plastic grille	26 ³ / ₄ x 16 ¹ / ₂	1
Vertical insulation strip	15 ⁹ / ₁₆ x 1 ³ / ₈ x 1 ³ / ₈	1
Around Insulation Strips	67 ¹ / ₈ x 1 ³ / ₈ x 25 ²⁵ / ₃₂	1
	59 ²⁷ / ₃₂ x 1 ³ / ₈ x 1 ³ / ₈	1
Horizontal Insulation Strip	23 ⁷ / ₃₂ x 1 ³ / ₈ x 1 ³ / ₁₆	1
Support Block	1 ³ / ₄ x 1 ³ / ₈ x 45 ⁵ / ₁₆	2
Baffle	14 x 4 ¹ / ₂ x 1 ¹ / ₈	1
Shim	11 ¹³ / ₁₆ x 1 x 1 ³ / ₄	2
Trim Frame		2
Washer Screw		4
Nuts(Plastic)		4
Grille Rear		1

HOW TO INSTALL

- 1** Identify the existing wall sleeve before installing the unit from the listed below.

Brand	Wall Sleeve Dimensions (inches)		
	Width	Height	Depth
White-Westinghouse Frigidaire Carrier (52F series)	25-1/2	15-1/4	16, 17-1/2 or 22
General Electric /Hotpoint	26	15-5/8	16-7/8
Whirlpool	25-7/8	16-1/2	17-1/8 or 23
Fedders/Emerson	27	16-3/4	16-3/4 or 19-3/4
Sears/Kenmore	25-7/8	15-17/32	16-23/32
Emerson/Fedders	26-3/4	15-3/4	15
Carrier (51S Series)	25-3/4	16-7/8	18-5/8
Friedrich	27	16-3/4	16-3/4

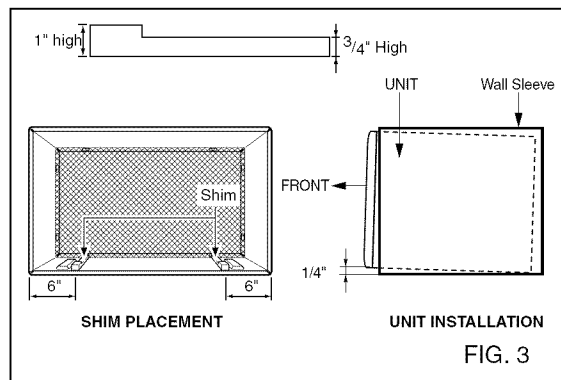
NOTE: All wall sleeves used to mount the new Air Conditioner must be in sound structural condition and have a rear grille that securely attaches to sleeve, or rear flange that serves as a stop for the Air Conditioner.

- 2** Remove old air conditioner from existing wall sleeve.
- 3** Clean the interior of an existing sleeve. (Do not disturb seals.)
- 4** Wall sleeve must be securely fastened in wall before installing the air conditioner. Use the nails or screws through sleeve into wall, if needed. Repaint sleeve if needed.
- 5** Prepare the wall sleeve for installation of the unit. If you plan to use your existing wall sleeve, and it is not Kenmore, use procedure B or C below.

Procedure	Brand	Depth(inches)
A	Sears/Kenmore	16-23/32
B	White-Westinghouse Frigidaire Carrier (52F series)	16, 17-1/2 or 22
	General Electric /Hotpoint	16-7/8
	Whirlpool	17-1/8 or 23
	Carrier (51S series)	18-5/8
C	Fedders/Emerson	16-3/4 or 19-3/4
	Emerson/Fedders	15
	Friedrich	16-3/4

- 6** Install new unit into wall sleeve.

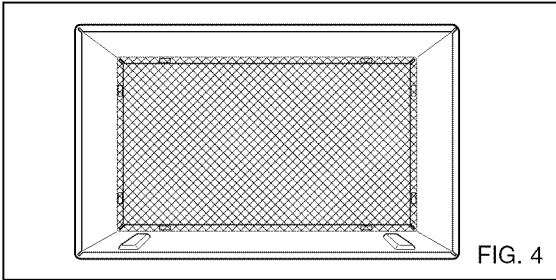
CAUTION: When installation is completed, replacement unit **MUST** have a rearward slope as shown. To achieve 1/4" slope, remove the backing from the 11-13/16" shim strips and attach them as shown below in Fig. 3. Place the higher portion of shim to the front of the rib on base of wall sleeve.



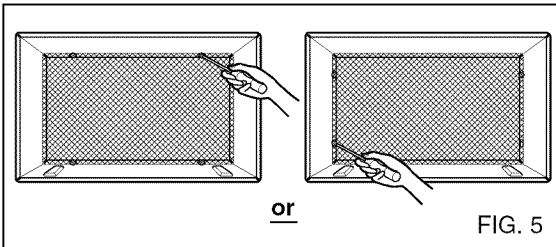
INSTALLATION

PROCEDURE A

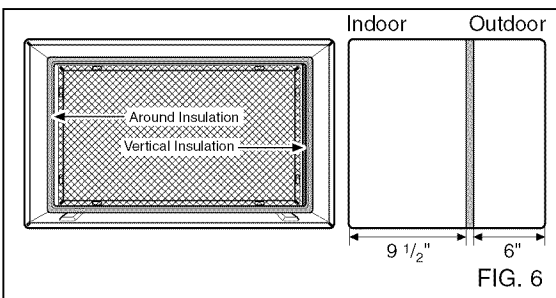
- 1** If you are using the new sleeve (optionally supplied with your unit), skip to step 3. Otherwise, install the plastic grille from the kit. Cut the plastic grille to 25-1/2" wide and 15-1/4" high. Place the plastic grille to the inside of the wall sleeve at the rear flange.



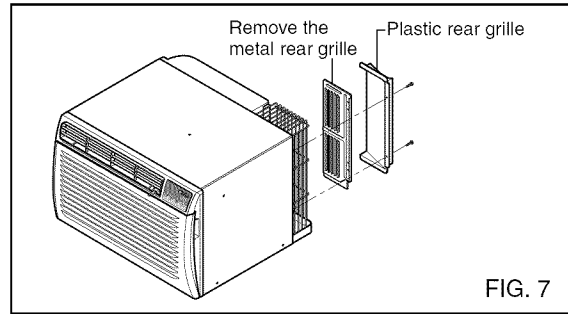
- 2** Fasten the 4 washer screws to secure the grille to the wall sleeve. If you need plastic nuts to mount plastic grille to the inside of the wall sleeve, there are plastic nuts in the installation kit. The nuts are installed from the inside of the sleeve and are pressing into the square holes of the rear flanges.



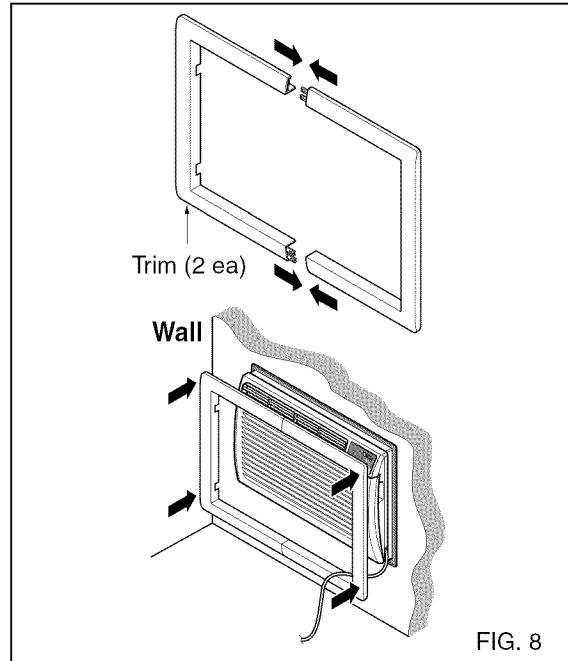
- 3** Remove the backing from the Vertical Insulation strip 15⁹/₁₆ x 1³/₈ x 1³/₈ and attach that to the inside right of the sleeve as shown below. Remove the backing from the Around Insulation strip 67¹/₈ x 1³/₈ x 25²⁵/₃₂ and attach that to the inside front of the sleeve as shown below.



- 4** Remove the metal rear grille and replace it with the plastic rear grille.



- 5** Install the new unit into the wall sleeve.
- 6** To assemble trim, snap the tab of each piece into the slot of the other piece as shown below. Slide trim over the front of the air conditioner until trim is flush with sleeve as shown below.



CAUTION

- Air conditioners covered in this manual pose an excessive weight hazard. Two or more people are needed to move and install the unit. To prevent injury or strain, use proper lifting and carrying techniques when moving unit.
- When handling the air conditioner, be careful to avoid cuts from sharp metal fins on front and rear coils.
- Make sure air conditioner does not fall during removal.
- If unit does not operate after installation check, to be sure the circuit interrupter has not been tripped. Refer to the Troubleshooting guide for reset procedure.

INSTALLATION

PROCEDURE B

- 1** Redirect the louvers at the back of the wall sleeve to 60° angle as shown in the FIG 9. The use of pliers is recommended.

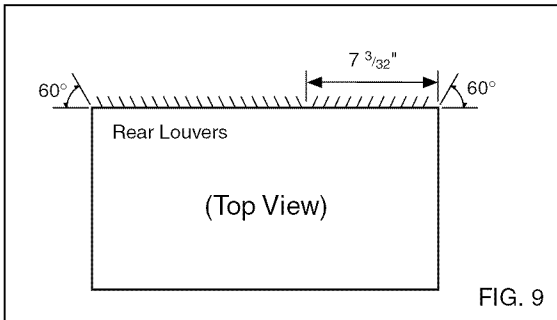


FIG. 9

- 2** If the wall sleeve already has a rear grille, skip to step 4. If the wall sleeve does not have a rear grille or louvered panel, install the plastic grille from the kit. Cut the plastic grille to 25-1/2" wide and 15-1/4" high. Place the plastic grille to the inside of the wall sleeve at the rear flange.

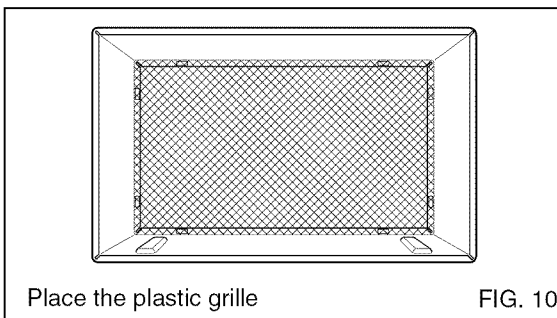


FIG. 10

- 3** Fasten the 4 washer screws to secure the grille to the wall sleeve. If you need plastic nuts to mount plastic grille to the inside of the wall sleeve, there are plastic nuts in the installation kit. The nuts are installed from the inside of the sleeve and are pressed into the square holes of the rear flanges.

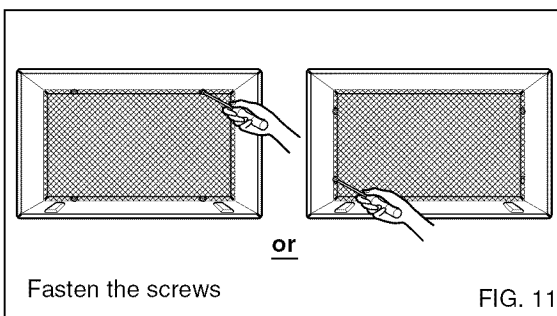


FIG. 11

- 4** Remove the backing from the Vertical Insulation strip $15\frac{9}{16} \times 1\frac{3}{8} \times 1\frac{3}{8}$ and attach that to the inside right of the sleeve as shown below. Remove the backing from the Around Insulation strip $67\frac{1}{8} \times 1\frac{3}{8} \times \frac{25}{32}$ and attach that to the inside front of the sleeve as shown below.

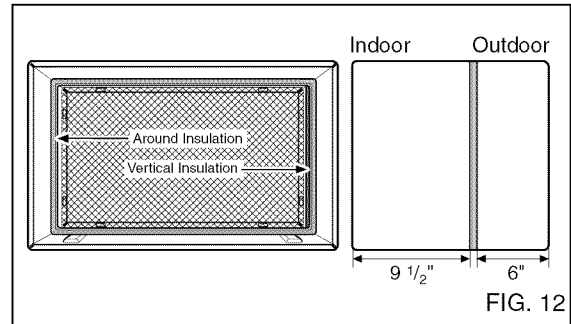


FIG. 12

- 5** Remove the metal rear grille and replace it with the plastic rear grille.

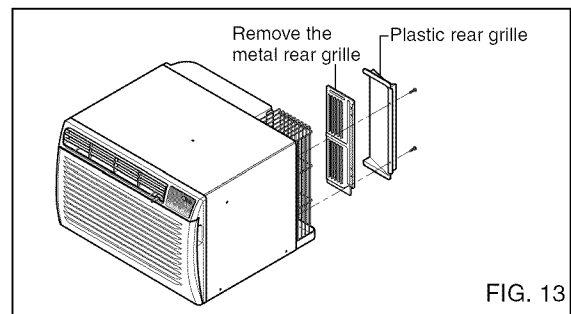


FIG. 13

- 6** If the depth of your existing wall sleeve is less than or equal to 18", skip to step 7. Otherwise, cut the baffles and the support blocks according to length "A" in the table below.

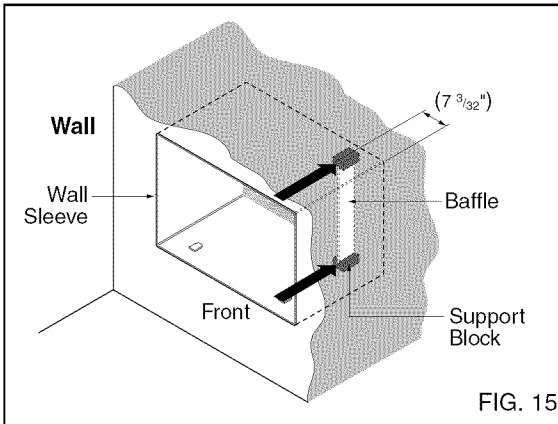
Depth "D" of the existing wall sleeve (inches)	Length "A" (inches)	
$18 < D \leq 18\frac{5}{8}$	$\frac{3}{4}$	
$18\frac{5}{8} < D \leq 19\frac{3}{4}$	$1\frac{3}{4}$	
$19\frac{3}{4} < D \leq 22$	4	

FIG. 14

INSTALLATION

PROCEDURE B

- 7** Remove the backing from the support blocks and attach them to the inside of the wall sleeve as shown FIG 15. Slide the baffle into slots of the support blocks.



- 8** Install the new unit into the wall sleeve.
- 9** Assemble trim as described in Step 6, Procedure A.



CAUTION

- Air conditioners covered in this manual pose an excessive weight hazard. Two or more people are needed to move and install the unit. To prevent injury or strain, use proper lifting and carrying techniques when moving unit.
- When handling the air conditioner, be careful to avoid cuts from sharp metal fins on front and rear coils.
- Make sure air conditioner does not fall during removal.
- If unit does not operate after installation check, to be sure the circuit interrupter has not been tripped. Refer to the Troubleshooting guide for reset procedure.

INSTALLATION

PROCEDURE C

- 1 Redirect the louvers at the back of the wall sleeve to 60° angle as shown in the FIG 16. The use of pliers is recommended.

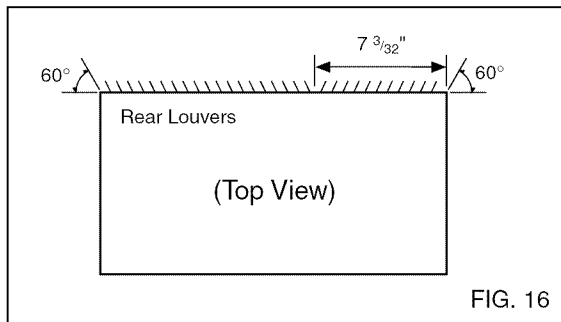
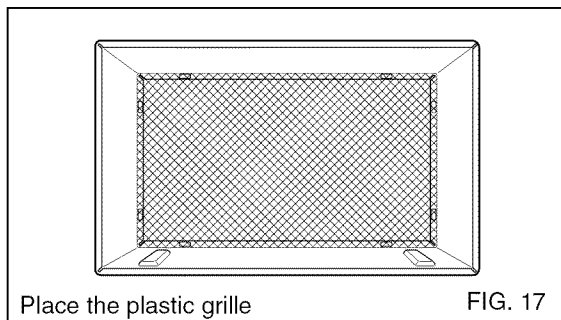
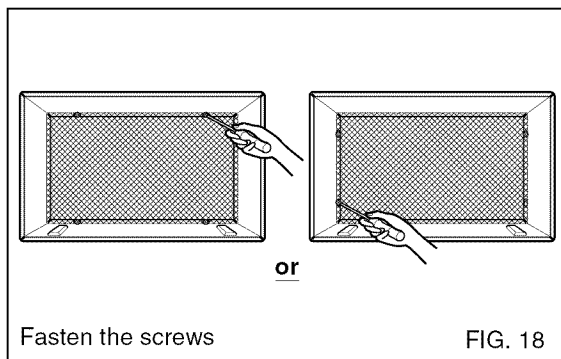


FIG. 16

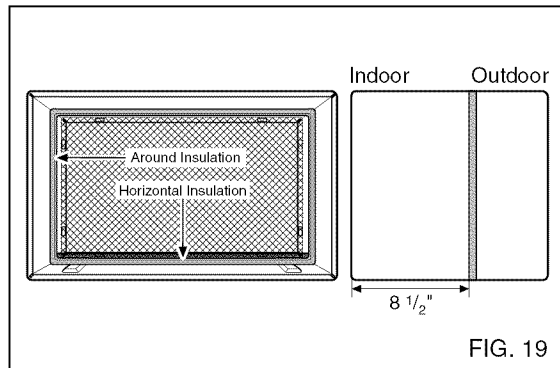
- 2 If the wall sleeve already has a rear grille, skip to step 4. If the wall sleeve does not have a rear grille or louvered panel, install the plastic grille from the kit. Cut the plastic grille to 26-1/2" wide and 15-1/2" high. Place the plastic grille to the inside of the wall sleeve at the rear flange.



- 3 Fasten the 4 washer screws to secure the grille to the wall sleeve. If you need plastic nuts to mount plastic grille to the inside of the wall sleeve, there are plastic nuts in the installation kit. The nuts are installed from the inside of the sleeve and are pressed into the square holes of the rear flanges.



- 4 Remove the backing from the Horizontal Insulation strip $23\frac{7}{32} \times 1\frac{3}{8} \times 1\frac{3}{16}$ and attach that to the inside right of the sleeve as shown below. Remove the backing from the Around Insulation strip $59\frac{27}{32} \times 1\frac{3}{8} \times 1\frac{3}{8}$ and attach that to the inside front of the sleeve as shown below.

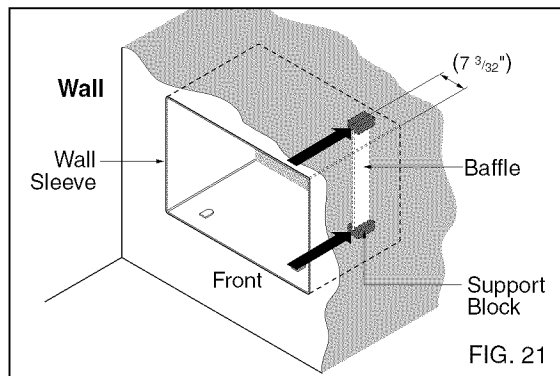


- 5 If the depth of your existing sleeve is less than or equal to 18", skip to step 7. Otherwise, cut the baffles and the support blocks according to Length "A" in the table below.

Depth "D" of the existing wall sleeve (inches)	Length "A" (inches)	
$18 < D \leq 18\frac{5}{8}$	$\frac{3}{4}$	
$18\frac{5}{8} < D \leq 19\frac{3}{4}$	$1\frac{3}{4}$	
$19\frac{3}{4} < D \leq 22$	4	

FIG. 20

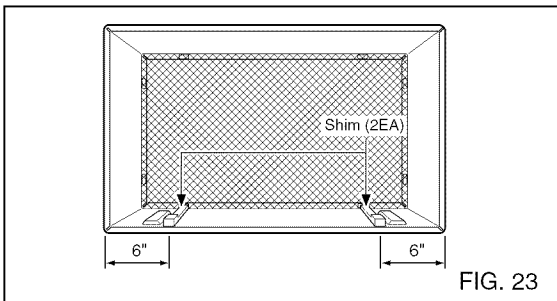
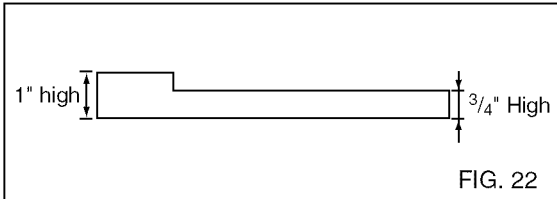
- 6 Remove the backing from the support blocks and attach them to the inside of the wall sleeve as shown FIG 21. Slide the baffle into slots of the support blocks



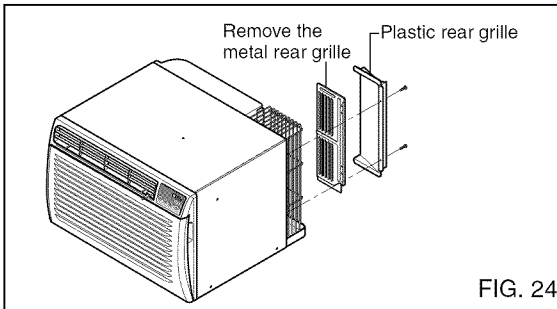
INSTALLATION

PROCEDURE C

- 7** To achieve rearward slope for unit draining, remove the backing from the $11\frac{3}{16}$ " shim strips and attach them as shown below in Fig. 23. The higher portion of shim is to be placed in front of the rib on the base of wall sleeve.



- 8** Remove the metal rear grille and replace it with the plastic rear grille.



- 9** Install the new unit into the wall sleeve

- 10** Assemble trim as described in Step 6, Procedure A.



CAUTION

- Air conditioners covered in this manual pose an excessive weight hazard. Two or more people are needed to move and install the unit. To prevent injury or strain, use proper lifting and carrying techniques when moving unit.
- When handling the air conditioner, be careful to avoid cuts from sharp metal fins on front and rear coils.
- Make sure air conditioner does not fall during removal.
- If unit does not operate after installation check, to be sure the circuit interrupter has not been tripped. Refer to the Troubleshooting guide for reset procedure.

OPERATION

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 FIG. 25

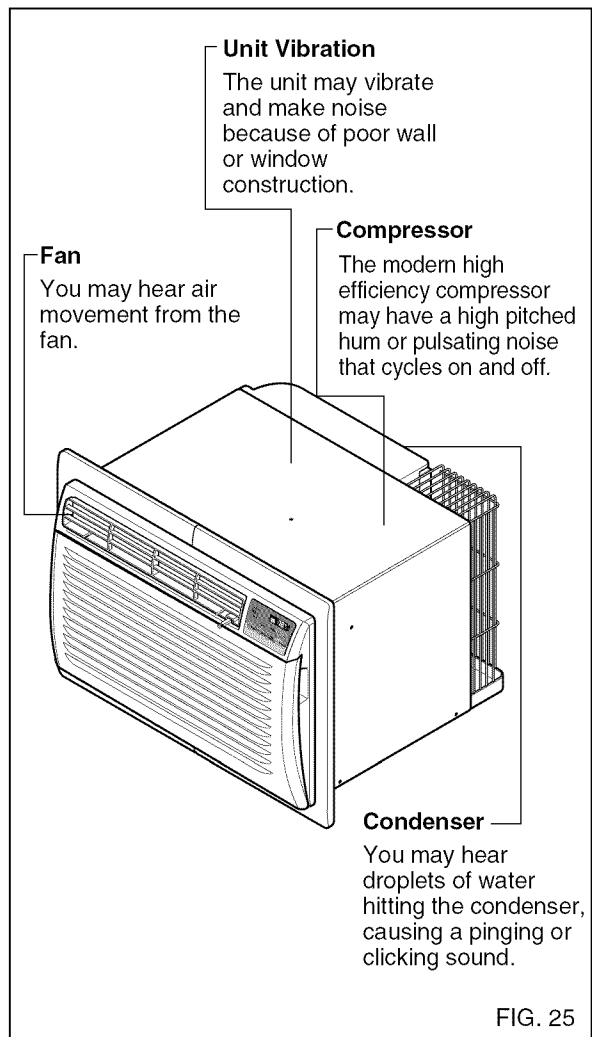
Aside from the regular fan motor and compressor sounds coming from your air conditioner, you will once in a while hear a pinging sound. This is the result of moisture being picked up from the air in the room and thrown against the air conditioner's fan. This is normal and should not be cause for concern. Also, do not be alarmed if you hear a slight hissing or gurgling sound coming from your air conditioner after it is off. These are normal coolant noises.

CAPACITY AND RUNNING TIME

Proper unit size is important in deciding the desired comfort for the area you want to cool. The proper size is determined by the number of square feet in the area to be cooled.

Whenever the heat or humidity load is above normal the air conditioner must run longer and more often to keep the desired temperature you have selected. Under heavy heat load conditions the air conditioner may need to run constantly to keep the temperature you want.

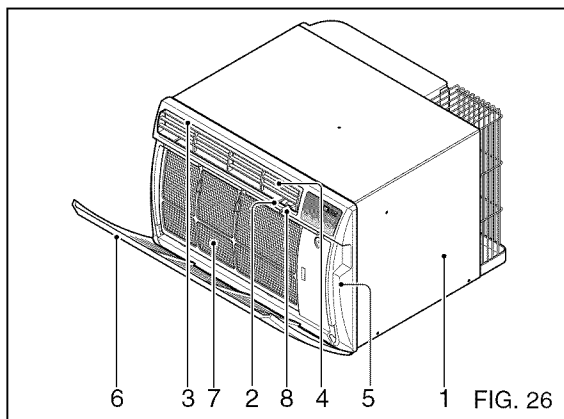
At times using the MED FAN setting to circulate the room air may make it comfortable even though you do not have the air conditioner set to cool the air. This will decrease your cost of use.



OPERATION

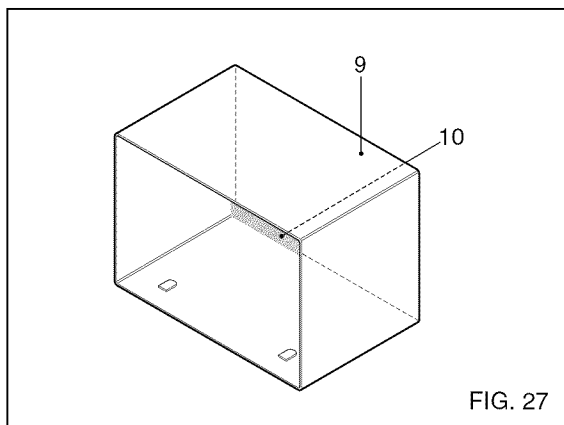
FEATURES

THE UNIT



1. CABINET
2. HORIZONTAL AIR DEFLECTOR
(Vertical Louver)
3. VERTICAL AIR DEFLECTOR
(Horizontal Louver)
4. AIR DISCHARGE
5. FRONT GRILLE
6. INLET GRILLE (Air Intake)
7. AIR FILTER
8. VENT CONTROL

THE SLEEVE AND THE REAR GRILLE



9. SLEEVE ASSEMBLY
(Including Aluminum Rear grille)
10. REAR GRILLE
(Aluminum Rear grille)

USING THE AIR CONDITIONER

⚠ WARNING To reduce the risk of fire, electric shock, or injury to persons, read the important SAFETY instructions section before operating this appliance.

To begin operating the air conditioner after installation, 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 TEMP control to the coolest setting.
3. Set the MODE control at the highest COOL level.
4. Adjust the louvers for comfortable air flow.
5. Once the room has cooled, adjust the TEMP and MODE control to the setting you find most comfortable.

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

If you move the TEMP control to a warmer, then immediately back to a cooler setting, the unit will shut off. Wait 3 minutes before restarting.

Refer to the AIR CONDITIONER FEATURES section for other settings.

VENT CONTROL

The Vent Control allows the air conditioner to either recirculate inside air (CLOSE) or exhaust air to the outside (OPEN). (FIG. 28)

- The CLOSE 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 OPEN position removes stale air from the room and exhausts it to the outside. Fresh air is drawn into the room through your home's normal air passages.
- The OPEN or CLOSE position can be used with any fan selection.

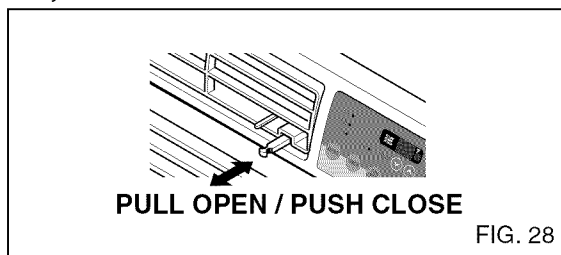


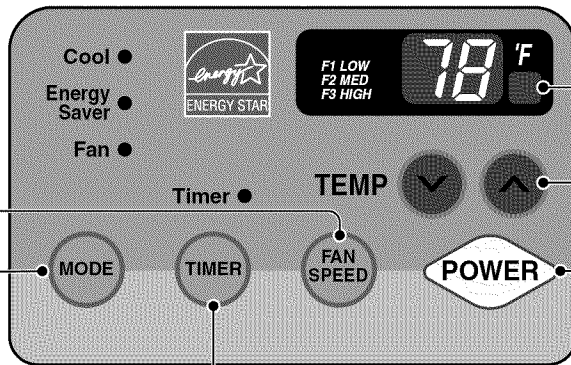
FIG. 28

OPERATION

CONTROL PANEL

FAN SPEED

- Every time you push this button, it advances the setting as follows: {High → Low → Med → High}



REMOTE CONTROL SIGNAL RECEIVER

TEMPERATURE SETTING

- Use this button to automatically control the temperature of the room.
The temperature can be set within a range of 60°F to 86°F by increments of 1°F.
- The setting appears in the display.

POWER

- To turn the air conditioner ON, push this button.
To turn the air conditioner OFF, push the button again.
- This button takes priority over any other button.
- When you first turn it on, the unit is in cool mode, High fan speed, Temperature setting at 72°F.

TIMER

- SHUT-OFF TIME

- You will usually use shut-off time while you sleep.
- If unit is running, use Timer to set number of hours until shut-off.
- For your sleeping comfort, once Time is set, the Temperature setting will raise 2°F after 30 min., and once again after another 30 min.
- Push Timer button to advance setting from 1Hour → 2Hours → ... → 12Hours maximum.

- START TIME

- If unit is off, use Timer to set number of hours before unit starts.
- Push Timer button to advance setting from 1Hour → 2Hours → ... → 12Hours maximum.

MODE

- Push this button to shift mode of operation from COOL → ENERGY SAVER → FAN.

- COOL:

- Fan runs continually for normal cooling operation

- ENERGY SAVER:

- The fan stops when the compressor stops cooling. Approximately every 3 minutes the fan will turn on and the unit will check the room air temperature to determine if cooling is needed.

- FAN:

- Fan-only operation.

AUTO RESTART

When power is restored after an electrical power failure, the unit will begin to run at its last setting.

OPERATION

REMOTE CONTROL

NOTE: The Remote Control will not operate properly if strong light shines on the sensor window of the Air Conditioner or if there are obstacles between the Remote Control and the Air Conditioner. Every time you push button, you will hear a beep from the Air Conditioner.

POWER

- To turn the air conditioner ON, push this button.
To turn the air conditioner OFF, push the button again.
- This button takes priority over any other button.
- When you first turn it on, the unit is in cool mode, High fan speed, Temperature setting at 72°F.
- Auto Restart
In the event at a power failure, the unit will run at the previous setting once power returns.

TEMPERATURE SETTING

- Use this button to automatically control the temperature of the room.
The temperature can be set within a range of 60°F to 86°F by increments of 1°F.
- The setting appears in the display.

FAN SPEED

- Every time you push this button it advances the setting as follows:
(High → Low → Med → High)

TIMER

- SHUT-OFF TIME

- You will usually use shut-off time while you sleep.
- If unit is running, use Timer to set number of hours until shut-off.
- For your sleeping comfort, once Time is set, the Temperature setting will raise 2°F after 30 min, and once again after another 30 min.
- Push Timer button to advance setting from 1Hour → 2Hours → ... → 12Hours maximum.

- START TIME

- If unit is off, use Timer to set of hours before unit starts.
- Push Timer button to advance setting from 1Hour → 2Hours → ... → 12Hours maximum.

MODE

- Push this button to shift mode of operation from COOL → ENERGY SAVER → FAN.

- COOL:

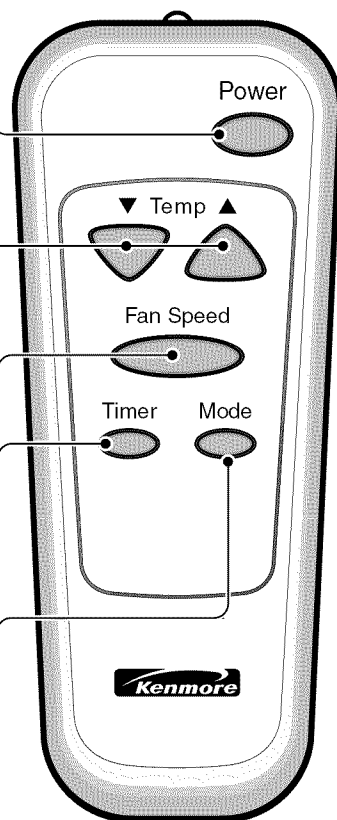
- Fan runs continually for normal cooling operation

- ENERGY SAVER:

- The fan stops when the compressor stops cooling. Approximately every 3 minutes the fan will turn on and the unit will check the room air temperature to determine if cooling is needed.

- FAN:

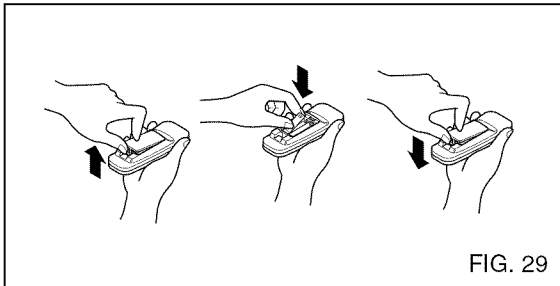
- Fan-only operation.



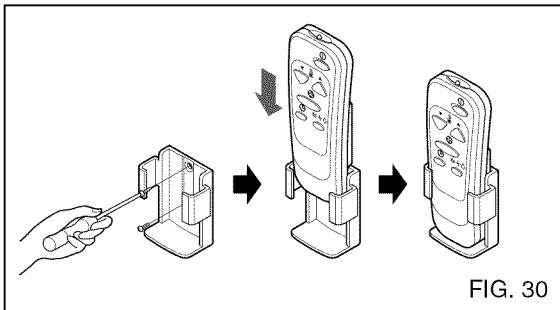
OPERATION

INSERTING THE REMOTE CONTROL BATTERIES

1. Remove the cover from the back of the remote controller.
2. Insert two batteries.
 - Be sure that the (+) and (-) directions are correct.
 - Be sure that both batteries are new.
3. Reattach cover.

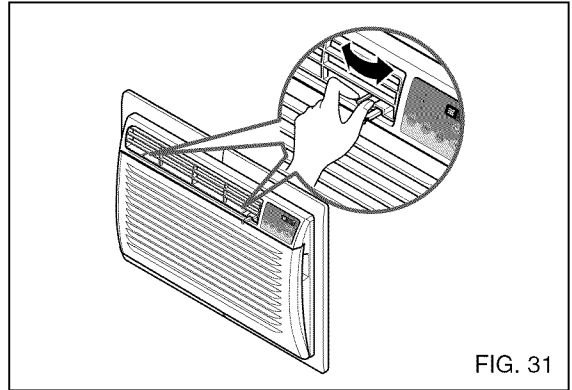


- Do not use rechargeable batteries. Make sure that both batteries are new.
- In order to prevent discharge, remove the batteries from the remote control if the air conditioner is not going to be used for an extended period of time. Keep the remote control away from extremely hot or humid places. To maintain optimal operation of the remote control, the remote sensor should not be exposed to direct sunlight.
- The remote control can be mounted on a wall using the mountable holder.



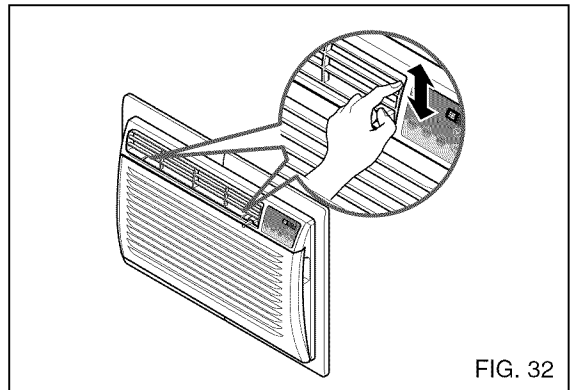
HORIZONTAL AIR-DIRECTION ADJUSTMENT

- The horizontal air direction is adjusted by moving vertical louver.
- The vertical louver control levers are located in the right and left side of the air discharge.



VERTICAL AIR-DIRECTION ADJUSTMENT

- The vertical air direction is adjusted by moving the horizontal louvers.



MAINTENANCE

AIR FILTER CLEANING

The Air Filter will become dirty as it removes dust from the inside air. It should be washed at least every 2 weeks. If the Air Filter remains full of dust, the air flow will decrease and the cooling capacity will be reduced, possibly damaging the unit.

- Pull the inlet grille forward and pull out the air filter. (FIG. 33)
- Wash the Air Filter under the faucet with warm water. Be sure to shake off all the water before replacing the filter. (FIG. 34)

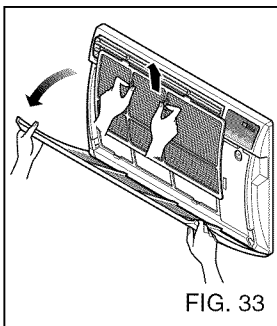


FIG. 33

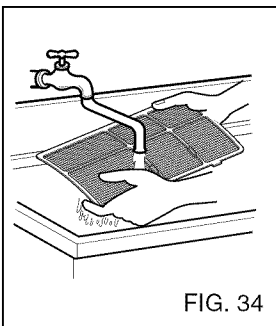


FIG. 34

AIR CONDITIONER CLEANING

Clean the front grille and inlet grille by wiping with a cloth dampened in a mild detergent solution.

The cabinet may be washed with mild soap or detergent and lukewarm water, then polished with liquid appliance wax.

To ensure continued peak efficiency, the condenser coils (outdoor side of the unit) should be checked periodically and cleaned if they become clogged with soot or dirt from the atmosphere. Brush or vacuum exterior coils to remove debris from fins.

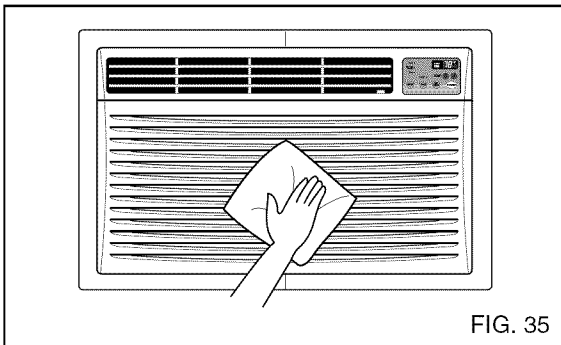


FIG. 35

HOW TO REMOVE THE FRONT GRILLE

- Open the inlet grille.
- Remove the screw securing the Front Grille.
- Push the grille up from the bottom and pull the top of the grille away from the case to lift the top tabs out of their slots.

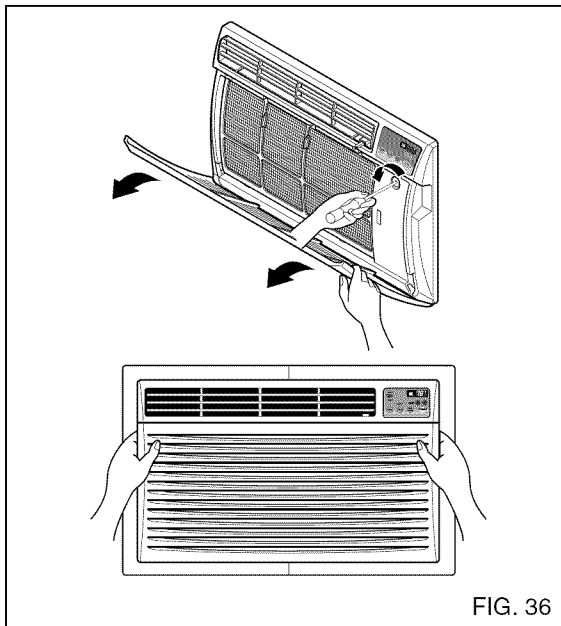


FIG. 36

HOW TO REPLACE THE FRONT GRILLE

Attach the front grille to the cabinet by inserting the tabs on the grille into the slots on the front of the cabinet. Push the grille in until it snaps into place.

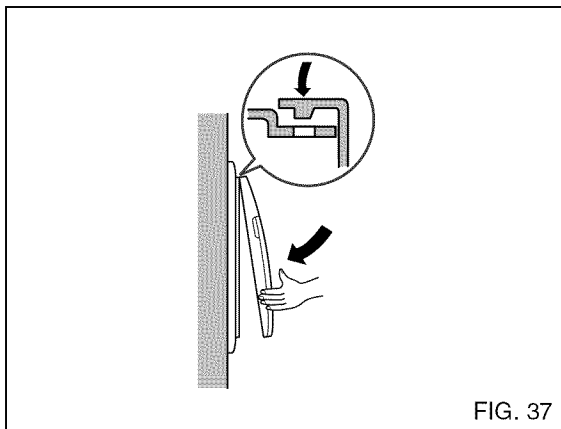


FIG. 37

TROUBLESHOOTING

BEFORE CALLING FOR SERVICE

Check the following list to be sure a service call is really necessary. A quick reference to this manual may help you avoid an unneeded service call.

THE AIR CONDITIONER WILL NOT OPERATE

Check if... Then...

The Current interrupter Device is tripped.	Press the RESET button located on the power cord plug. If the RESET button will not stay engaged, discontinue use of the air conditioner and contact a qualified service technician.
Wall plug disconnected.	Push plug firmly into wall outlet.
House fuse blown or circuit breaker tripped.	Replace fuse with time delay type or reset circuit breaker.
Power is OFF.	Push the power button.
Unit was turned off and then on too quickly.	Set unit off and wait 3 minutes before restarting.
TEMP Control set warmer than room temperature.	Set TEMP Control to a lower number.

AIR FROM UNIT DOES NOT FEEL COLD ENOUGH.

Check if... Then...

FAN SPEED set at LOW.	Push FAN SPEED button to set at HI.
TEMP Control set too warm.	Set TEMP Control to a lower temperature.
Room temperature below 70°F (21°C).	Cooling may not occur until room temperature rises above 70°F (21°C).
Temperature sensing tube touching evaporator coil, located behind front grille.	Straighten tube away from evaporator coil.

THE AIR CONDITIONER COOLING, BUT ROOM IS TOO WARM – ICE FORMING ON COOLING COIL BEHIND INLET GRILLE.

Check if... Then...

Outdoor temperature below 70°F (21°C).	To defrost the coil, set the MODE to FAN, FAN speed to High.
Air filter may be dirty.	Clean air filter. Refer to Maintenance section of owner's manual.
TEMP Control set too low.	To defrost the coil, set the MODE to Cool, Fan speed to high, and the Temp control to a higher temperature.

THE AIR CONDITIONER COOLING, BUT ROOM IS TOO WARM

Check if... Then...

Dirty air filter – air restricted.	Clean air filter. Refer to Maintenance section of owner's manual.
TEMP Control set too warm.	Set TEMP Control to a lower temperature.
Front of unit is blocked by drapes, blinds, furniture, etc. Air distribution is restricted.	Clear blockage in front of unit.
Doors, windows, registers, etc. open. Cold air escapes.	Close doors, windows, registers, etc.
Unit recently turned on in hot room.	Allow additional time to remove stored heat from walls, ceiling, floor, and furniture.

THE AIR CONDITIONER TURNS ON AND OFF RAPIDLY.

Check if... Then...

Outside temperature is extremely hot.	Set FAN SPEED on HI to minimize the cooling load.
Unit is set to energy saver mode.	Approximately every 3 minutes the fan will turn on and the unit will check the room air temperature to determine if cooling is needed. This is normal energy saver mode operation.

NOISE WHEN UNIT IS COOLING.

Check if... Then...

Sound of fan hitting water – from the moisture removal system.	This is normal when humidity is high. Close doors, windows, and registers.
Window vibration – poor installation.	Refer to installation instructions or check with installer.

WATER DRIPPING INSIDE ROOM WHEN UNIT IS COOLING.

Check if... Then...

The air conditioner is improperly installed.	Tilt air conditioner slightly to the outside to allow water drainage. Refer to installation instructions or check with installer.
--	---

WATER DRIPPING OUTSIDE WHEN UNIT IS COOLING.

Check if... Then...

The unit is removing large quantities of moisture from humid room.	This is normal during excessively humid days.
--	---

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