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# OWNER'S GUIDE

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READ AND SAVE THESE INSTRUCTIONS

# HEAVY DUTY AIR CONDITIONER

VARIABLE SPEED ELECTRONIC CONTROL

# ROOM AIR CONDITIONER WARRANTY

Your product is protected by this warranty

Your appliance is warranted by Electrolux. Electrolux has authorized Frigidaire Consumer Services and their authorized servicers to perform service under this warranty. Electrolux authorizes no one else to change or add to any of these obligations under this warranty. Any obligations for service and parts under this warranty must be performed by Frigidaire Consumer Services or an authorized Frigidaire servicer.

	WARRANTY PERIOD	FRIGIDAIRE, THROUGH ITS AUTHORIZED SERVICERS, WILL:	THE CONSUMER WILL BE RESPONSIBLE FOR:
<b>FULL ONE-YEAR WARRANTY</b>	One year from original purchase date.	Pay all costs for repairing or replacing parts of this appliance which prove to be defective in materials or workmanship.	Costs of service calls that are listed under <b>NORMAL RESPONSIBILITIES OF THE CONSUMER.*</b>
<b>LIMITED 2ND-5TH YEAR WARRANTY (Sealed System)</b>	Second through fifth years from original purchase date.	Repair or replace any parts in the Sealed Refrigeration System (compressor, condenser, evaporator and tubing) proves to be defective in materials or workmanship.	Diagnostic costs and any removal, transportation and reinstallation costs which are required because of service. Costs for labor, parts and transportation other than with respect to the Sealed Refrigeration System.
<b>LIMITED WARRANTY (Applicable to the State of Alaska)</b>	Time periods listed above.	All of the provisions of the full and limited warranties above and the exclusions listed below apply.	Costs of the technician's travel to the home and any costs for pick up and delivery of the appliance required because of service.

**\*NORMAL RESPONSIBILITIES OF THE CONSUMER**

**This warranty applies only to products in ordinary household use, and the consumer is responsible for the items listed below.**

1. Proper use of the appliance in accordance with instructions provided with the product.
2. Proper installation by an authorized servicer in accordance with instructions provided with the appliance and in accordance with all local plumbing, electrical and/or gas codes.
3. Proper connection to a grounded power supply of sufficient voltage, replacement of blown fuses, repair of loose connections or defects in house wiring.
4. Expenses for making the appliance accessible for servicing, such as removal of trim, cupboards, shelves, etc., which are not a part of the appliance when it was shipped from the factory.
5. Damages to finish after installation.
6. Replacement of light bulbs and/or fluorescent tubes (on models with these features).

**EXCLUSIONS**

**This warranty does not cover the following:**

1. CONSEQUENTIAL OR INCIDENTAL DAMAGES SUCH AS PROPERTY DAMAGE AND INCIDENTAL EXPENSES RESULTING FROM ANY BREACH OF THIS WRITTEN OR ANY IMPLIED WARRANTY.  
Note: Some states do not allow the exclusion or limitation of incidental or consequential damages, so this limitation or exclusion may not apply to you.
2. Service calls which do not involve malfunction or defects in workmanship or material, or for appliances not in ordinary household use. The consumer shall pay for such service calls.
3. Damages caused by services performed by persons other than authorized Frigidaire servicers; use of parts other than Frigidaire Genuine Renewal Parts; obtained from persons other than such servicers; or external causes such as abuse, misuse, inadequate power supply or acts of God.
4. Products with original serial numbers that have been removed or altered and cannot be readily determined.

**IF YOU NEED SERVICE**

Keep your bill of sale, delivery slip, or some other appropriate payment record. 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. This written warranty gives you specific legal rights. You may also have other rights that vary from state to state. Service under this warranty must be obtained by following these steps, in order:

1. Contact Frigidaire Consumer Services or an authorized Frigidaire servicer.
2. If there is a question as to where to obtain service, contact our Consumer Relations Department at:

Frigidaire Company  
P.O. Box 212378  
Augusta, GA 30917  
**800-444-4944**



Product features or specifications as described or illustrated are subject to change without notice. All warranties are made by Electrolux. This warranty applies only in the 50 states of the U.S.A., Puerto Rico and Canada.



## Product Registration

### Record Your Model and Serial Numbers

Record in the space provided below the model and serial numbers. On most models, the serial plate is located on the outside of the cabinet. On some models, remove the filter and look at the bottom edge of the air conditioner behind the front grille for the model and serial numbers. Reading these numbers may be easier by using a flashlight or by removing the cabinet front as instructed under "Care and Cleaning."

Model No. \_\_\_\_\_

Serial No. \_\_\_\_\_

### Register Your Product

The self-addressed PRODUCT REGISTRATION CARD should be filled in completely, signed and returned to the Frigidaire Company.

## Contents

**NOTE:** This Owner's Guide provides specific operating instructions for your model. Use the room 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.

2	Warranty
3	Product Registration
3	Normal Sounds
4	Important Safety Instructions
4	Energy Saving Ideas
5	Vent/Dial Plate/Front Installation
6	Using Air Conditioner
6-11	Air Conditioner Features
12	Care and Cleaning
13	Avoid Service Checklist

## Normal Sounds

### Sound of Rushing Air

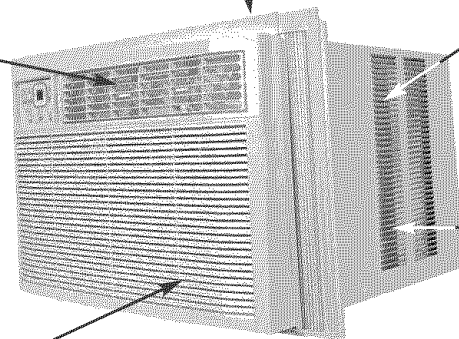
At the front of the unit, you may hear the sound of rushing air being moved by the fan.

### High Pitched Chatter

Today's high efficient compressors may have a high pitched chatter during the cooling cycle.

### Vibration

Unit may vibrate and make noise because of poor wall or window construction or incorrect installation.



### Pinging or Swishing

Droplets of water hitting condenser during normal operation may cause "pinging or swishing" sounds.

### Gurgle/Hiss

"Gurgling or hissing" noise may be heard due to refrigerant passing through evaporation during normal operation.

# Important Safety Instructions

Read all instructions before using this air conditioner.

## **⚠️ WARNING** For Your Safety

Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance. Read product labels for flammability and other warnings.

## **⚠️ WARNING** Prevent Accidents

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

- Be sure the electrical service is adequate for the model you have chosen. This information can be found on the serial plate, which is located either on the side of the cabinet or behind the grille.
- 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, remove the screen completely before installation.
- Be sure the air conditioner has been securely and correctly installed according to the separate installation instructions provided with this manual. Save this manual and the installation instructions for possible future use in removing or reinstalling this unit.
- When handling the air conditioner, be careful to avoid cuts from sharp metal fins on front and rear coils.

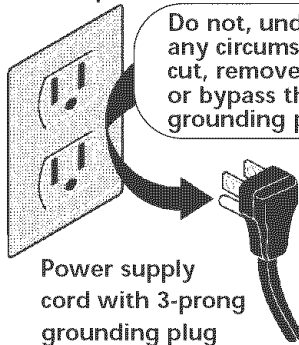
## **⚠️ WARNING** Electrical Information

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

- Be sure the air conditioner is properly grounded. To minimize shock and fire hazards, proper grounding is important. The power cord is equipped with a three-prong grounding plug for protection against shock hazards.
- Your air conditioner **must** be used in a properly grounded wall receptacle. If the wall receptacle you intend to use is not adequately grounded or protected by a time delay fuse or circuit breaker, have a qualified electrician install the proper receptacle.
- Do not run air conditioner with outside protective cover in place. This could result in mechanical damage within the air conditioner.
- **Do not use an extension cord or an adapter plug.**

**⚠️ WARNING** Avoid fire hazard or electric shock. Do not use an extension cord or an adaptor plug. Do not remove any prong from the power cord.

Grounding type wall receptacle



Power supply cord with 3-prong grounding plug

## Energy Saving Ideas



- **Do not block air flow inside with blinds, curtains or furniture; or outside with shrubs, enclosures, or other buildings.**
- 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.
- Close the fireplace damper, floor and wall registers so cool air does not escape up the chimney and into the duct work.
- Keep blinds and drapes in other windows closed during the sunniest part of the day.
- Clean the air filter as recommended in the section "Care and Cleaning."
- Proper insulation and 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.

## Using Air Conditioner

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

To begin operating the air conditioner, follow these steps:

1. Plug in the air conditioner. (To prevent electrical hazards, do not use an extension cord or an adapter plug.)
2. Set the exhaust vent to the CLOSED position.
3. Press "On/Off" button to turn unit on.
5. Press Mode "COOL"
6. Press "TEMP/TIME" up  $\wedge$  or down  $\vee$  to the desired set temperature. Review the "Air Conditioner Features" section for other settings.

## Key Features (on some models)

### Precision-Temp:

**Remote Thermostat:** The remote control serves as a remote thermostat allowing for the precise temperature control at its location.

The Remote Sensing button on the remote control activates this feature.

### Precision-Aire:

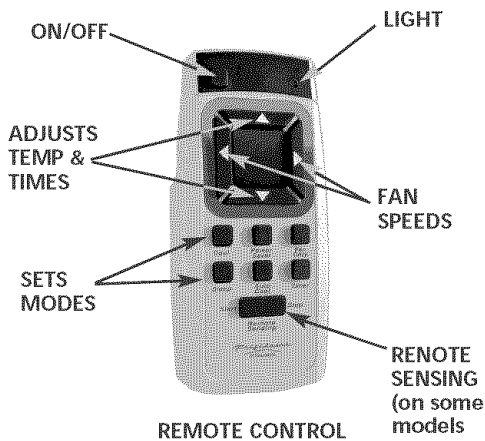
90 Distinct fan settings give the ultimate in airflow and sound control.

### Clean-Aire:

An ionic air filtration system that substantially increases the air-cleaning efficiency over conventional air filters.

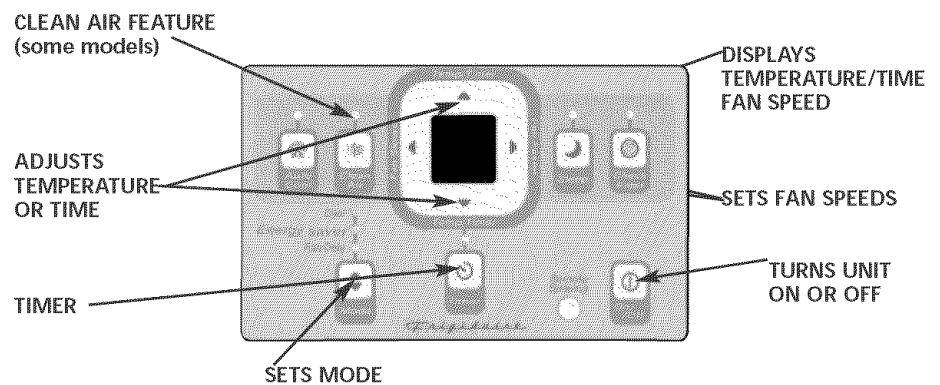
The Clean-Aire button on the air conditioner Touch Pad activates this feature.

## Air Conditioner Features



## ELECTRONIC CONTROL OPERATING INSTRUCTIONS

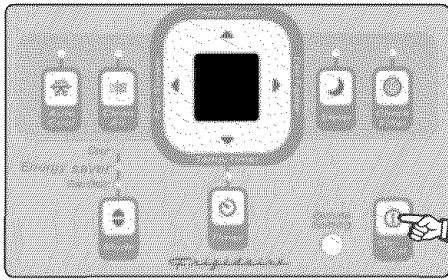
Before you begin, thoroughly familiarize yourself with the control panel and remote as shown below and all its functions, then follow the symbol for the functions you desire. The unit can be controlled by the touch pad alone or with the remote.



# Air Conditioner Features

(continued)

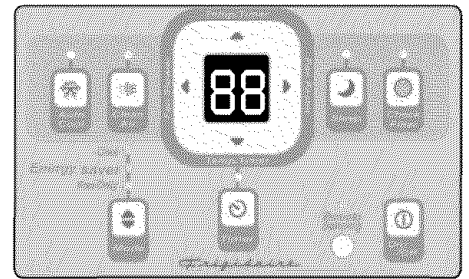
## TO TURN UNIT ON:



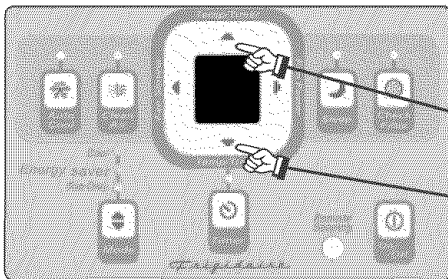
**DO THIS:**

PRESS ON/OFF  
BUTTON

## YOU WILL SEE:



## TO CHANGE TEMPERATURE SETTING:

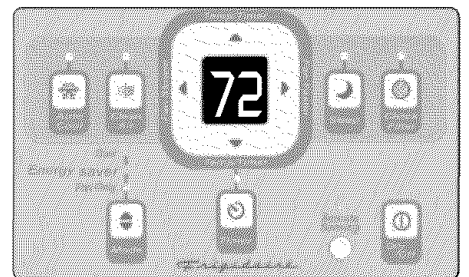


**DO THIS:**

PRESS TO RAISE

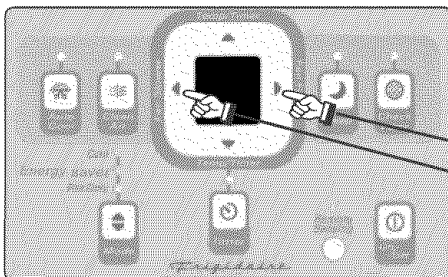
PRESS TO LOWER

## YOU WILL SEE:



Note: Tap or hold either up(^) or down(v) button until the desired temperature is seen on the display. This temperature will be automatically maintained anywhere between 60°F (16°C) and 90°F (32°C). If you want the display to read the actual room temperature, see "Operate in Fan Only."

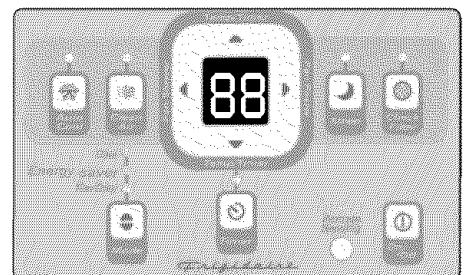
## TO ADJUST FAN SPEEDS:



**DO THIS:**

PRESS  
TO SELECT:  
FASTER  
SLOWER

## YOU WILL SEE (10-99):

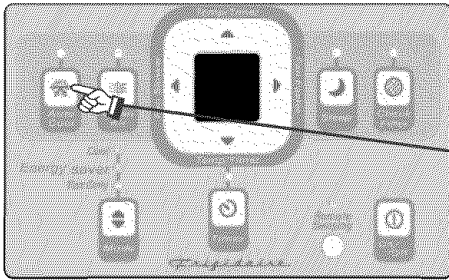


A 2 Digit Display is used to indicate the Fan Speed setting, from 10 through 99. When the "SLOWER" button is pressed the motor speed will slow down at various intervals, down to a minimum setting of 10. To speed the motor up, press the "FASTER" button. The speed will increase at various intervals to a maximum setting of 99. Display will revert back to temperature setting after a short time.

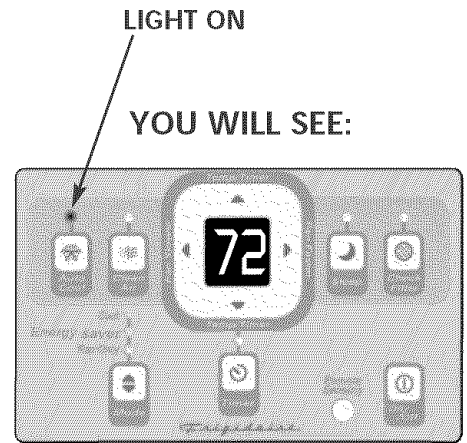
# Air Conditioner Features

(continued)

## TO USE AUTO COOL FEATURE:

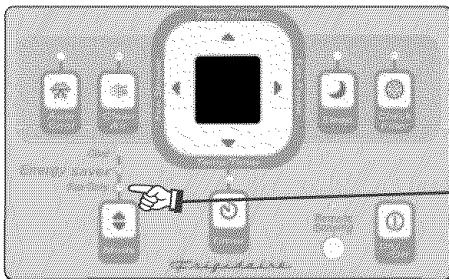


**DO THIS:**  
PRESS AUTO COOL

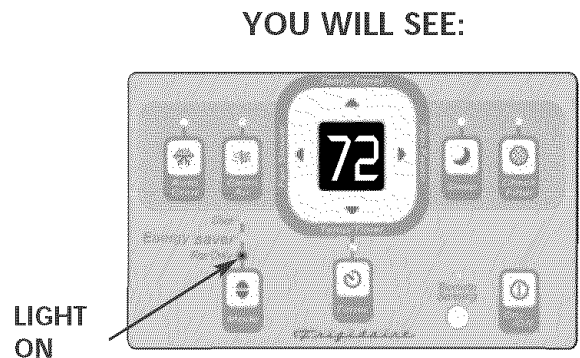


Note: Fan speed starts at HI and adjusts to a slower and slower speed as the room temperature indicates. For example, if the room doesn't get too warm it will stay at the slowest speed. If the room temperature rises quickly, such as a door being opened, it will automatically go to the highest speed. The fan speeds will adjust back to the slowest speed as the room returns to the original set temperature.

## TO OPERATE ON FAN ONLY:



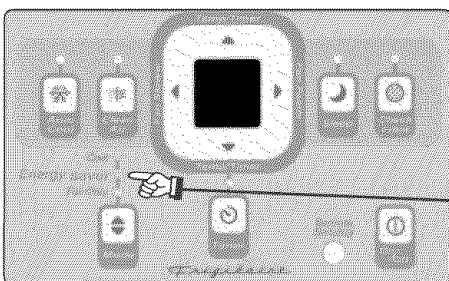
**DO THIS:**  
PRESS MODE BUTTON  
CHOOSE FAN ONLY



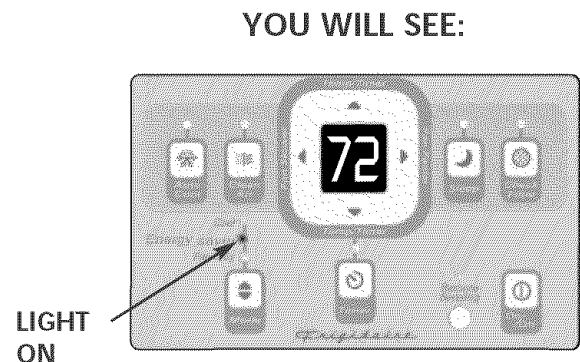
Note: Use this function only when cooling is not desired, such as for room air circulation or to exhaust stale air. (Remember to open the vent during this function, but keep it closed during cooling for maximum cooling efficiency.) You can choose any fan speed you prefer.(Except "Auto cool").

During this function, the display will show the actual room temperature, not the set temperature as in the cooling mode.

## TO USE THE POWER SAVER FEATURE



**DO THIS:**  
PRESS MODE BUTTON  
CHOOSE ENERGY SAVER

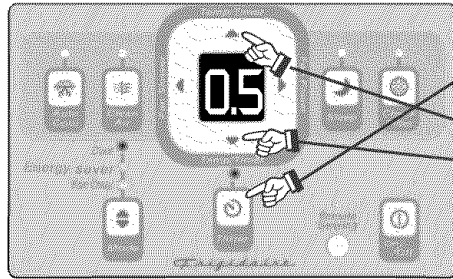


Note: In this mode, the fan will continue to run for another 3 minutes after the compressor shuts off. The fan then cycles on for 2 minutes at 10 minute intervals until the room temperature is above the set temperature, at which time the cooling system turns back on.

# Air Conditioner Features

(continued)

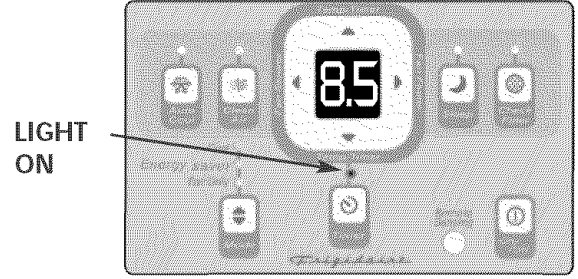
## TIMER: DELAY START/STOP FEATURE:



**FIRST DO THIS:**  
PRESS TIMER BUTTON

**THEN DO THIS:**  
PRESS TIMP/TIMER SET BUTTON

**YOU WILL SEE HOW MUCH TIME IS CHOSEN:**



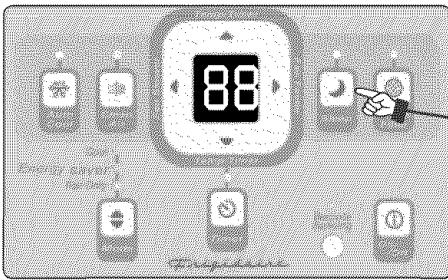
Note 1: For Delay Stop, the unit must be in the ON position.

Note 2: For Delay Start, the unit must be in the OFF position.

First, PRESS TIME BUTTON

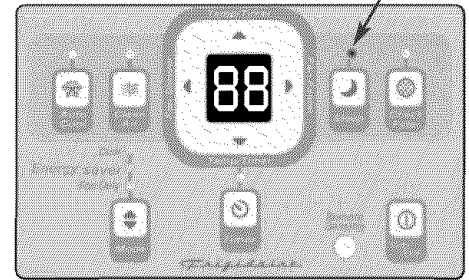
Then, to adjust timer setting, tap or hold the UP arrow (^) or DOWN arrow (v) to change the delay time by .5 hour increments up to 10 hours, then by 1 hour increments up to 24 hours. The control will count down the time remaining until start (8, 7.5, 7, etc.). The Delay Start mode automatically selects cooling with maximum Fan Speed. The temperature maintained will be the same as previously set. To change the set temperature, press "COOL" then Up or Down arrows until the desired temperature is indicated on the display. After 5 seconds, the control will automatically change the display back to the hours remaining until the unit will start/stop. PRESSING The on/off button, at anytime, will cancel the delay function.

## SLEEP FEATURE:



**DO THIS:**  
PRESS SLEEP BUTTON

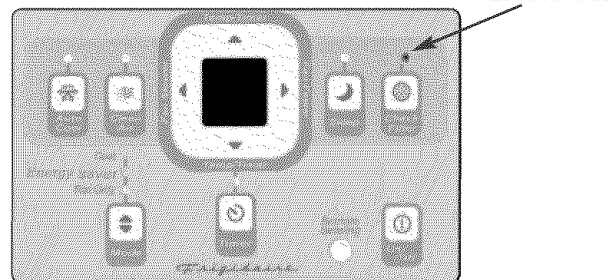
**YOU WILL SEE:**



Note: In this "MODE" the set temperature will increase by 2 degrees F, 30 minutes after the mode is selected. The temperature will then increase by another 2 degrees F after an additional 30 minutes. This new temperature will be maintained for 7 hours before it returns to the originally selected temperature. This ends the "Sleep" MODE and the unit will continue to operate as originally programmed. The "Sleep" MODE program can be cancelled at any time during operation by pressing "Sleep" MODE button.

## CLEAN FILTER FEATURE:

**YOU WILL SEE:**

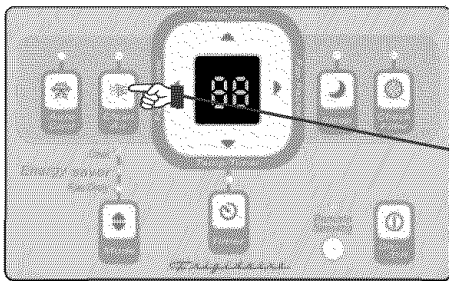


Note: This feature is a reminder to clean the Air Filter (See Care and Cleaning) for more efficient operation and cooling. The LED (light) will illuminate after 250 hours of operation. To reset after cleaning the filter, press the "Clean Filter" button and the light will go off.

# Air Conditioner Features

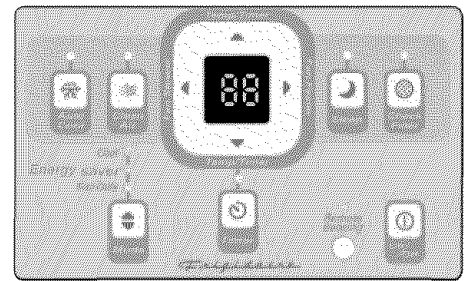
(continued)

## CLEAN AIRE FEATURE (on some models):



**DO THIS:**  
PRESS ON/OFF  
PAD

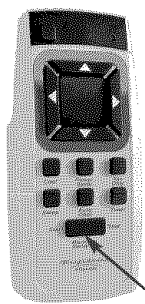
## YOU WILL SEE:



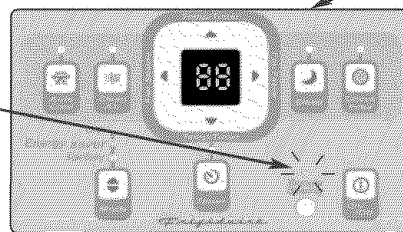
Note: When this feature is "ON," the ion generator is energized and will help to remove pollen and impurities from the air, and trap them in the filter.

## REMOTE SENSING FEATURE (on some models):

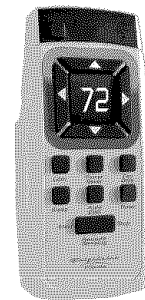
## YOU WILL SEE:



LIGHT  
Pulsing  
On & Off  
Intermittently



Note: unit display show  
"set" temperature



Note: remote display is actual  
temperature at remote control only

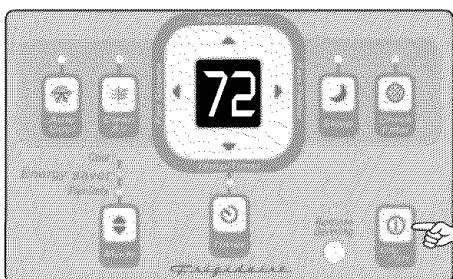
**DO THIS:**  
PRESS SENSING  
START BUTTON

Note: This feature can be activated from the remote control ONLY.

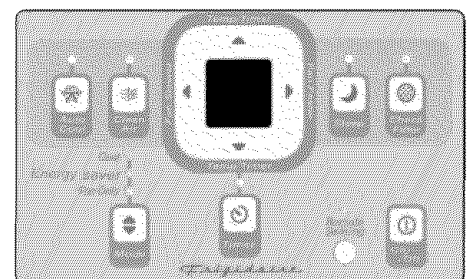
To activate the remote sensing feature, point the remote control towards the unit and press the remote sensing stop button. The LIGHT on the unit control will pulse to indicate it received the signal. The LIGHT on the remote control will pulse each time it sends a signal. It will continue to send this signal until the feature is deactivated by pressing the remote sensing stop button. If the unit does not receive the remote sensing signal during any 3 minute interval, the unit will beep to indicate the remote sensing mode has ended. The display on the remote control indicates the temperature at the remote ONLY. The Actual Temperature Can Be displayed at the unit by pressing the fan only mode. When in the "Cool" mode, the unit display indicates the set temperature.

## TO TURN UNIT OFF:

## YOU WILL SEE:



**DO THIS:**  
PRESS ON/OFF  
BUTTON



# Air Conditioner Features

(continued)

## ADDITIONAL THINGS YOU SHOULD KNOW

Now that you have mastered the operating procedure, here are more features in your control that you should become familiar with.

- The "Cool " circuit has an automatic 3 minute time delayed start if the unit is turned off and on quickly. This prevents overheating of the compressor and possible circuit breaker tripping. The fan will continue to run during this time.
- The control will maintain any set temperature within 2°F, between 60F and 90F degrees.
- The control is capable of displaying temperature in degrees Fahrenheit or degrees Celsius. To convert from one to the other, press and hold the Up and Down Temperature buttons at the same time,for 3 seconds.

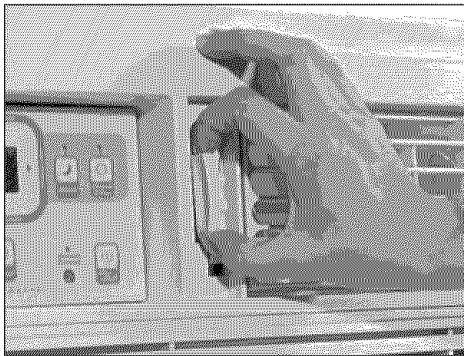


Figure 1 (OFF)

### Fresh Air Vent Control

The Fresh Air Vent allows the air conditioner to:

1. Recirculate inside air — Vent Closed (see Fig. 1)
2. Draw fresh air into the rom — Vent Open (see Fig. 2)
3. Exchange air from the room and draws fresh air into the room — Vent and Exhaust Open (see Fig. 3)

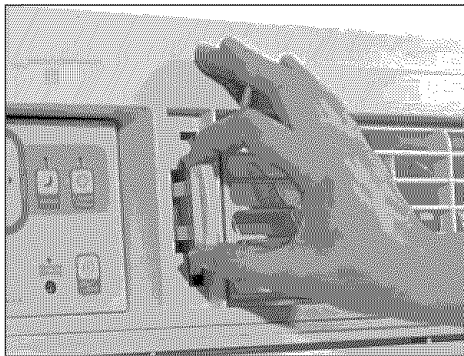


Figure 2 (FRESH AIR)

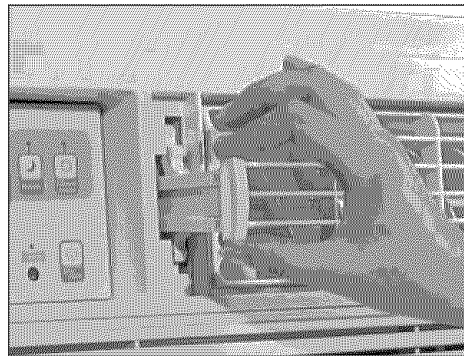
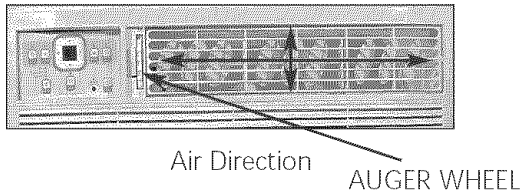


Figure 3 (VENT)

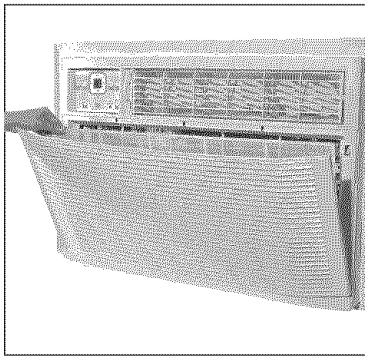
## Air Conditioner Features (continued)

### Auger Type Air Directional Louvers

The louvers will allow you to direct the air flow Up or Down and Left or Right throughout the room as needed. Rotate the Auger Wheel Up or Down until the desired direction is obtained.



## 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

It is recommended to check the filter at least once a month to see if cleaning is necessary. Trapped particles in the filter can build up and cause an accumulation of frost on the cooling coils.

- Tilt the panel out by grasping the panel from both sides, just below the controls and the air directional louvers, and gently pull to release. Pivot the panel on its hinges and remove the filter.
- Wash the filter using liquid dishwashing detergent and warm water. Rinse filter thoroughly. Gently shake excess water from the filter. Be sure filter is thoroughly dry before replacing.
- Or, instead of washing you may vacuum the filter clean.

### 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.
- Plug in air conditioner.

### Winter Storage

If you plan to store the air conditioner during the winter, remove it carefully from the window according to the installation instructions. Cover it with plastic or return it to the original carton.

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

## Avoid Service Checklist

Before calling for service, review this list. It may save you time and expense. This list includes common occurrences that are not the result of defective workmanship or materials in this appliance.

<b>OCCURRENCE</b>	<b>SOLUTION</b>
<b>Air conditioner will not operate.</b>	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. Control is OFF. Turn Control ON and set to desired FAN or COOL setting. Unit turned off and then on too quickly. Wait 3 minutes for controls to automatically reset.
<b>Air from unit does not feel cold enough.</b>	Room temperature below 60°F (16°C). Cooling may not occur until room temperature rises above 60°F (16°C). Temperature sensor touching cold coil, located behind air filter. Reset to a Lower temperature. Compressor shut-off by changing modes. Wait approximately 3 minutes, and listen for compressor to restart when set in the COOL modes.
<b>Air conditioner cooling, but room is too warm — ice forming on cooling coil behind decorative front.</b>	Outdoor temperature below 60°F (16°C). To defrost the coil, set selector to FAN ONLY Mode. Air filter may be dirty. Clean filter. Refer to Care and Cleaning section. To defrost, set selector to FAN ONLY Mode. Temperature is set too Low for night-time cooling. To defrost the coil, set to FAN ONLY Mode. Then, set Temperature to a Higher number.
<b>Air conditioner cooling, but room is too warm — NO ice forming on cooling coil behind decorative front.</b>	Dirty air filter — air restricted. Clean air filter. Refer to Care and Cleaning section. Temperature is set too High. Set temperature to a Lower number. Vent set at OPEN position. Set vent at CLOSED position for maximum cooling. Air directional louvers positioned improperly. Position louvers for better air distribution. Front of unit is blocked by drapes, blinds, furniture, etc. — restricts air distribution. 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.
<b>Air conditioner turns on and off rapidly.</b>	Dirty air filter — air restricted. Clean air filter. Outside temperature extremely hot. Set FAN speed to a faster setting to bring air past cooling coils more frequently.
<b>Noise when unit is cooling.</b>	Air movement sound. This is normal. If too loud, set to a slower FAN setting. Sound of fan hitting water-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.
<b>Water dripping INSIDE when unit is cooling.</b>	Improper installation. Tilt air conditioner slightly to the outside to allow water drainage. Refer to installation instructions — check with installer.
<b>Water dripping OUTSIDE when unit is cooling.</b>	Unit removing large quantity of moisture from humid room. This is normal during excessively humid days.