

ROOM **AIR CONDITIONER**

OWNER'S MANUAL

IMPORTANT SAFETY INFORMATION 804109340 READ ALL INSTRUCTIONS BEFORE USING THE APPLIANCE

For your safety, the information in this manual must be followed to minimize the risk of fire, electric shock or personal injury.

- Use this appliance only for its intended purpose as described in this Owner's Manual
- This air conditioner must be properly installed in accordance with the Installation Instructions before it is
- Never unplug your air conditioner by pulling on the power cord. Always grip plug firmly and pull straight out from the receptacle
- Replace immediately all electric service cords that have become fraved or otherwise damaged. A damaged power supply cord must be replaced with a

new power supply cord obtained from the manufacturer and not repaired. Do not use a cord that shows cracks or abrasion damage along its length or at either the plug or connector end

- before cleaning.
- For your safety...do not store or use combustible materials, gasoline or other flammable vapors or liquids in the vicinity of this or any other appliance.
- If the receptacle does not match the plug, the receptacle must be changed out by a qualified electrician

care should be taken to avoid damage to the



Risk of Fire or Explosion. This unit contains flammable refrigerant. Additional safety precautions must be followed.

- Do not use means to accelerate the defrosting process When handling, installing, and operating the appliance or to clean, other than those recommended by the
- The appliance shall be stored in a room without continuously operating ignition sources (for example: open flames, an operating gas appliance or an operating electric heater
- Do not pierce or burn refrigerant tubing. Be aware that refrigerants may not contain an odor
- Keep ventilation openings clear of obstruction.

■ Turn the unit OFF and unplug your air conditioner

- refrigerant tubing. ■ Do not drill holes in the unit.
- Maintenance, cleaning, and service should only be performed by technicians properly trained and qualified in the use of flammable refrigerants.
- Dispose of air conditioner in accordance with Federal and Local Regulations. Flammable refrigerants require special disposal procedures. Contact your local authorities for the environmentally safe disposal of you air conditioner

▲WARNING USE OF EXTENSION CORDS

RISK OF FIRE. Could cause serious injury or death.

- DO NOT use an extension cord with this Window Air Conditioner.
- DO NOT use surge protectors or multi-outlet adaptors with this Window Air Conditioner

HOW TO CONNECT ELECTRICITY

(ground) prong from the power cord. For personal safety. this appliance must be properly grounded

DO NOT use an adapter plug with this appliance.

The power cord of this appliance is equipped with a 3-prong (grounding) plug which mates with a standard 3-prong (grounding) wall outlet to minimize the possibility of electric shock hazard from this appliance.

Power cord includes 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 while plugged into the outlet. 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

Do not, under any circumstances, cut or remove the third Have the wall outlet and circuit checked by a qualified electrician to make sure the outlet is properly grounded

Where a 2-prong wall outlet is encountered, it is your personal responsibility and obligation to have it replaced with a properly grounded 3-prong wall outlet.

The air conditioner should always be plugged into its own individual electrical outlet which has a voltage rating that matches the rating plate.

This provides the best performance and also prevents overloading house wiring circuits which could cause a fire hazard from overheated wires.

See the Installation Instructions, Electrical Requirements section for specific electrical connection

CONTROLS

Do Not Operate in Freezing Outdoor Conditions.

This cool-only air conditioner was not designed for freezing outdoor conditions. It must not be used in freezing outdoor conditions.

Features and appearance will vary.

AIR CONDITIONER CONTROLS (Models with touch pads)





2 DISPLAY 3 + - 3 FAN 6 MODE

7 DELAY 1-24

■ ECO or ENERGY SAVER

■ LOW

DESCRIPTION OF CONTROLS

Power Pad

Turns air conditioner on and off. When turned on the display will show the room temperature.

Display

Shows the room temperature or time remaining on the Delay timer. Shows the Set temperature while setting the temperature in Cool or ECO modes. The Set light will turn on while setting.

- Temp Increase + /Decrease Pads Use to set temperature when in Cool or ECO mode. The Set light will turn on while setting.
- Delay Timer Increase + /Decrease Pads Each touch of the Increase + / Decrease - pads on the unit or the Increase + / Decrease - pads on the remote control will set the delay time when using the Delay 1-24hr timer. The Set light will turn on while setting.
- Fan Speed Pads

Use to set the fan speed to Low, Med, High or Auto on the unit. NOTE: On the remote control. use the fan speed Increase + / Decrease - pads to set the fan speeds to Low, Med or High. Use the Auto pad to turn Auto fan on.

Mode Pad

Use to set the air conditioner to Cool, ECO or Fan Only mode.

Delay Pads/Delay 1-24hr Pad

Delay ON-When the air conditioner is off, it can be set to automatically come on in 1 to 24 hours at its previous mode and fan settings

Delay OFF-When the air conditioner is on, it can be set to automatically turn off in 1 to 24 hours.

How to set:

Press the Delay 1-24hr pad on the unit or the Delay pad on the remote control. Each touch of the Increase + / Decrease - pads on the unit or the Increase + / Decrease - pads on the remote control will set the timer in 1-hour intervals. The Set light will turn on while setting.

To review the remaining time on the Delay 1-24hr timer, press the **Delay 1-24hr** pad on the unit or the Delay pad on the remote control. Use the Increase + / Decrease - pads on the unit or the Increase + / Decrease - pads on the remote control to set a new time if desired

To cancel the timer, press the Delay 1-24hr pad until the light on the Delay 1-24hr pad goes off.

Sleep Pad (Somemodials apply)

The **SLEEP** mode sets the unit to gradually change settings over an 8 hour period to allow for some increased energy efficiency during sleep hours. The **SLEEP** mode is available only in **COOL** and

FAN only settings

Press the **SLEEP** mode pad and its light will illuminate. The fan indicator will stay at the same setting but the air conditioner will automatically change the FAN speed to low in either COOL or FAN only mode.

In FAN only mode, the fan will stay in the LOW speed setting for 8 hours. After 8 hours, the air conditioner will resume the settings that were in place before the SLEEP mode pad was pressed. In COOL mode, the fan will stay in the LOW speed setting for 8 hours from the time the SLEEP mode pad was pressed. The air conditioner will also raise the set point 2°F in 30 minutes and 2°F more in another 30 minutes where it will remain for the next 7 hours. After 8 hours, the air conditioner will resume the settings that were in place before the SLEEP mode pad was pressed

While the unit is in **SLEEP** mode, pressing any pad will return it to the settings that were in place before the SLEEP mode pad was pressed

Control Display On and Off (*Some models apply) To reduce brightness during sleeping hours, this air conditioner control display has an automatic off feature where the control display will turn off completely after 2 minute of inactivity. To illuminate the control interface, press any button on the control display or remote control. The control display will illuminate all previously illuminated I FD's. The control interface will now respond to any prescribed button press after it is illuminated.

Press and hold the FAN+MODE buttons simultaneously to toggle this feature ON or OFF. The LED's will now stay ON anytime the unit is

Filter Reset Pad (*Some models apply) LED will turn on when fan has accumulated 250 hours of run time as a reminder to clean filter

Press Reset Filter to turn off the LED and reset the accumulated run time

Note: The default temperature reading on the display is degree Fahrenheit (°F). To change the display to degree Celcius (°C), press the Temp Increase ▲ and Temp Decrease ▼ buttons together and hold for 3 seconds. Repeat the process to change back to degree Fahrenheit (°F)

Cool Mode

Use the Cool mode at Low, Med, High or Auto Fan Speed for cooling. Use the **Temperature Increase +** / Decrease - pads to set the desired temperature between 64°F and 86°F in 1°F increments.

An electronic thermostat is used to maintain the room temperature. The compressor will cycle on and off to keep the room at the set level of comfort. Set the thermostat at a lower number and the indoor air will become cooler. Set the thermostat at a higher number and the indoor air will become warmer.

NOTE: If the air conditioner is off and is then turned on while set to a Cool setting or if turned from a fan setting to a Cool setting, it may take approximately 3 minutes for the compressor to start and cooling to begin.

Cooling Descriptions

For Normal Cooling—Select the Cool mode and High or Med fan with a middle set temperature

For Maximum Cooling—Select the Cool mode and High fan with a lower set temperature

For Quieter and Nighttime Cooling—Select the Cool mode and Low fan with a middle set temperature

ECO Mode

This mode optimizes the cooling power of your air conditioner, thereby saving you energy. Once the set point temperature has been reached, the fan will cycle off to save energy. The fan will cycle back on periodically to insure all cooling capacity in the system is used. This mode is the default mode for the unit. Each time the unit is powered off, it will restart in ECO mode ON. This includes **Delay** timer mode. The first time the unit is turned on, the settings will be 70° and Low fan. You can adjust the fan speed and temperature to your personal

ECO ON—Helps minimize electricity use. It is normal for the fan to cycle off and then back on in this mode. This on/off cycle can repeat multiple times. Because the fan will cycle off, you may notice a variation in room temperature and humidity.

ECO OFF—When this mode is not engaged, the fan will run continuously, and in Cool mode the compressor will cycle on and off to maintain room temperature.

Fan Only Mode

to provide air circulation and filtering without cooling Since fan-only settings do not provide cooling, a Set temperature cannot be entered. The room temperature will appear in the display.

Use the Fan Only Mode at Low, Med or High fan speed NOTE: Auto Fan Speed cannot be used when in the Fan Only Mode

Auto Fan Speed

Set to Auto fan speed for the fan speed to automatically set to the speed needed to provide optimum comfort settings with the set temperature.

If the room needs more cooling, the fan speed will automatically increase. If the room needs less cooling, the fan speed will automatically decrease.

NOTE: Auto Fan Speed cannot be used when in the Fan Only Mode.

Control Display On and Off

To reduce brightness during sleeping hours, this air conditioner control display has an automatic off feature where the control display will turn off completely after 2 minute of inactivity. To illuminate the control

interface, press any button on the control display or remote control. The control display will illuminate all previously illuminated LED's. The control interface will now respond to any prescribed button press after it is illuminated

Power Outage Recovery Feature

automatically restart in the settings last used after the

In the case of a power outage or interruption, the unit will power is restored. If the Delay 1-24hr feature was set, it will resume countdown. You may need to set a new time if desired.

Air Direction

Use the lever to adjust the air direction left and right



Remote Control (Only models with remote control)

- To ensure proper operation, aim the remote control at the signal receiver on the air conditione
- Make sure nothing is between the air conditioner and the remote control that could block the signal. The remote control signal has a range of up to 20
- Make sure batteries are fresh and installed correctly as indicated on the remote control.
- Remote contains a magnet allowing it to attach to metal surfaces.



How to insert Batteries (Not Supplied) in the Remote control

- 1. Remove the battery cover by sliding it according to the NOTES: arrow direction
- 2. Insert new batteries, making sure that the (+) and (-) of battery are installed correctly
- 3. Reattach the cover by sliding it back into position.

Note: The remote control vary depend of model: The buttons on remote control may have a different name or location than the remote control shows in this manual.

■ Use 2 "AAA" (1.5 volt) alkaline batteries. Do not use rechargeable batteries. Remove the batteries from the remote control if the

system is not going to be used for a long time. ■ Do not mix old and new batteries. Do not mix alkaline standard (carbon-zinc) or rechargeable (ni-cad, ni-mh.

TEMPERATURE

The TEMP control is used to maintain the room

temperature. The compressor will cycle on and

off to keep the room at the same level of comfort

When you turn the knob to a higher number, the

indoor air will become cooler. Turn the knob to

a lower number and the indoor air will become

AIR CONDITIONER CONTROLS (Models with control knobs)



MODE CONTROL

Mode Control

Controls

High Cool and Low Cool provide cooling with different fan speeds

Fan settings provide air circulation and filtering without cooling.

NOTE: If you move the mode control from a cool setting to OFF or to a fan setting, wait at least 3 minutes before switching back to a cool setting.

Cooling Descriptions

For Normal Cooling—Select High Cool or Low Cool with the TEMPERATURE control at midpoint. For Maximum Cooling—Select High Cool with the TEMPERATURE control at the highest number available on your knob.

For Quieter and Nighttime Cooling-Select Low Coo/ with the TEMPERATURE

Z TEMP Control

Note: Features and appearance will vary.

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9 *CONTROL DISPLAY

*RESET FILTER *Some models apply

■ HIGH ■ MED

■ COOL

■ LOW

comfort.

Window A/C - Pags.:TAB elbr:i.a.

CARE AND CLEANING

Grille and Case

Turn the air conditioner off and remove the plug from the wall outlet before cleaning.

To clean, use water and a mild detergent. Do not use bleach or abrasives.

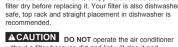
Air Filter

The air filter behind the front grille should be checked and cleaned at least every 30 days or more often if necessary.

Pull the tab on the right side of the unit until the filter is

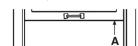
Open the inlet grille by pulling downward on the tabs at the top upper corners of the inlet grille until the grille is in a 45° position. Remove the filter





vithout a filter because dirt and lint will clog it and

Clean the filter with warm, soapy water. Rinse and let the



Outdoor Coils

The coils on the outdoor side of the air conditioner should be checked regularly. If they are clogged with dirt or soot, they may be professionally cleaned

INSTALLATION INSTRUCTIONS

BEFORE YOU BEGIN

- IMPORTANT Save these instructions for
- IMPORTANT Observe all governing codes
- Note to Installer Be sure to leave these
- nstructions with the Consu
- Note to Consumer Keep these instructions for
- Skill level Installation of this appliance requires
- Completion time Approximately 1 hour
- We recommend that two people install this product. Proper installation is the responsibility of the
- Product failure due to improper installation is not covered under the Warranty
- You MUST use all supplied parts and use proper installation procedures as described in these nstructions when installing this air conditioner

ELECTRICAL REQUIREMENTS

Some models require a 115/120-volt AC. Some models require a 115/120-vol. 7.6, 60-Hz grounded outlet protected with a 15-amp time-delay fuse or circuit breaker.

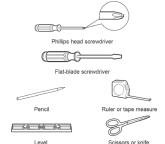
The 3-prong grounding plug minimizes the possibility of electric shock hazard. If the wall outlet you plan to use is only a 2-prong outlet, it is your responsibility to have it replaced with a properly grounded 3-prong

Some models require 230/208-volt AC, protected with a time-delector protected with a time-delay fuse or circuit breaker. These models should be installed on their own single branch circuit for best performance and to prevent overloading house or apartment wiring circuits, which could cause a possible fire hazard from

not, under any circumstances, cut or remove the nird (ground) prong from the power cord. o not change the plug on the power cord of this air

Aluminum house wiring may present special

TOOLS YOU WILL NEED



Power cord includes a current interrupter device. A est and reset button is provided on the plug case. The vice should be tested on a periodic basis by first pressing the TEST button and then the RESET button while plugged into the outlet. If the TEST button does not trip or if the RESET button will not stay engaged. liscontinue use of the air conditioner and contact a jualified service technician.

2. STORM WINDOW REQUIREMENTS

A storm window frame will not allow the air conditioner to tilt toward the outside, and will keep it from draining properly. To adjust for this, attach a piece of wood to the sill.

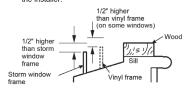
WOOD PIECES

WIDTH: 2"

LENGTH: Long enough to fit inside the window

THICKNESS: To determine the thickness, place a piece of wood on the sill to make it 1/2" higher than the top of the storm window frame or the

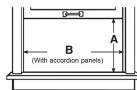
Attach securely with nails or screws provided by



INSTALLATION INSTRUCTIONS (CONT...)

1. WINDOW REQUIREMENTS 3. PREPARE THE AIR CONDITIONER

- These instructions are for a standard double-hung window. You will need to modify them for other types of windows.
- The air conditioner can be installed without the accordion panels if needed to fit in a parrow
- window. See the window opening dimensions All supporting parts must be secured
- to firm wood, masonry or metal. · The electrical outlet must be within reach of the power cord.
- Follow the dimensions in the table and illustration for your model.



6. INSTALL SUPPORT BRACKET AND **FOAM TOP WINDOW GASKET** A. Install the top mounting rail with 4 Type A

screws from the outside of the case

C. Remove the backing from the accordion seal

(two short strips). Stick one sealing strip

D. Slide the free end of the accordion panel into

the side panel rails. Slide the panel down. Be

sure to leave enough space to slip the top and bottom of the frame into the rails on the cabinet

NOTE: There is a right and a left accordion panel

Be sure to use the proper panel for each side.

E. Slide the left and right accordion panels into the

##Janennerett

Contract to

top and bottom mounting rails.

4. PREPARE THE WINDOW

Cut the window seal (2 strips) to the proper

length. Peel off the backing and attach the seal

5. INSTALL THE AIR CONDITIONER

A. Place the air conditioner on the sill with the

bottom mounting rail against its back edge.

Center it and close the window securely behind the top mounting rail. It should be level or

slightly tilted to the outside. Use a level; about a

Δ

Type B screws

IN THE WINDOW

accordion panels, as shown

respectively on the left side and right side of the

Top mounting rail

B. Hold the accordion

open end.

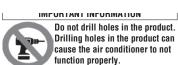
Top mounting rai

panel in one hand and gently pull

A. ACAUTION To prevent broken glass or damage to windows, on vinyl or other similarly constructed windows, attach the window locking bracket to the window side iamb with one Type B screw.

B. Cut the foam top window gasket to the window width





Normal Operating Sounds

- You may hear a pinging noise caused by water being picked up and thrown against the condenser on rainy days or when the humidity is high. This design feature helps remove moisture and improve efficiency.
- You may hear the thermostat click when the compressor cycles on and off.
- Water will collect in the base pan during high humidity or on rainy days. The water may overflow and drip from the outdoor side of the unit.
- The fan may run even when the compressor does not.
- Water droplets being thrown against the outside coils can make a pinging noise. This helps cool the condenser. You can reduce this noise by removing the side-base water hole seal by removing 2 screws, then hole seal. Removing this seal will lower the Energy Efficiency of your until. NOTE: Do not drill hole in the base pan.

TROUBLESHOOTING

| Problem | Possible Causes | What To Do | |
|---|--------------------------------|--|--|
| | The air conditioner is | | |
| Air conditioner does not start | | Make sure the air conditioner plug is pushed | |
| | unplugged. | completely into the outlet. | |
| | The fuse is blown/circuit | Check the house fuse/circuit breaker box and replace | |
| | breaker is tripped. | the fuse or reset the breaker. | |
| | Power failure. | The unit will automatically restart in the settings last | |
| | | used after the power is restored. | |
| | | There is a protective time delay (approximately | |
| | | 3 minutes) to prevent tripping of the compressor | |
| | | overload. For this reason, the unit may not start | |
| | | normal cooling for 3 minutes after it is turned back on. | |
| | The current interrupter device | Press the RESET button located on the power cord | |
| | is tripped. | plug. | |
| | | If the RESET button will not stay engaged, discontinue | |
| | | use of the air conditioner and contact a qualified | |
| | | service technician. | |
| Air conditioner does not cool as it should | Airflow is restricted. | Make sure there are no curtains, blinds or furniture | |
| | | blocking the front of the air conditioner. | |
| | The temp control may not be | On models with touch pads: In the <i>Cool</i> mode, press | |
| | set correctly. | the Decrease - pad. | |
| | | On models with control knobs, turn the temperature | |
| | | knob to a higher number. | |
| | The air filter is dirty. | Clean the filter at least every 30 days. See the Care | |
| | | and Cleaning section. | |
| | The room may have been hot. | When the air conditioner is first turned on, you need to | |
| | | allow time for the room to cool down. | |
| | Cold air is escaping. | Check for open furnace registers and cold air returns. | |
| | Cooling coils have iced up. | See "Air conditioner freezing up" below. | |
| Air conditioner | Ice blocks the air flow and | On models with control knobs, set the mode control at | |
| freezing up | stops the air conditioner from | High Fan or High Cool with the Temp at 1 or 2. | |
| | cooling the room. | On models with touch pads, set the controls at <i>High</i> | |
| | | Fan or High Cool and set the thermostat to a higher | |
| | | temperature. | |
| The remote control is | The batteries are inserted | Check the position of the batteries. They should be | |
| not working | incorrectly. | inserted in the opposite (+) and (–) direction. | |
| | The batteries may be dead. | Replace the batteries. | |
| Water drips outside | Hot, humid weather. | This is normal. | |
| Water drips indoors | The air conditioner is not | For proper water disposal, make sure the air | |
| | tilted to the outside. | conditioner slants slightly from the case front to the | |
| | | rear. | |
| Water collects in | Moisture removed from air | This is normal for a short period in areas with little | |
| base pan | and drains into base pan. | humidity; normal for a longer period in very humid | |
| | | | |

804109340

REFURBISHED PRODUCT LIMITED THIRTY DAY WARRANTY

The Refurbished Product Service Center offers the following WARRANTY to the ORIGINAL purchaser of a product which we have refurbished.

This product that has been refurbished is warranted against any electronic or mechanical defects for a period of THIRTY DAYS from the date of the original purchase by the consumer. Since this unit was sold as a refurbished item, the warranty does not apply to any cosmetic appearance items such as scratches. Should a defect occur, the Refurbished Product Service Center will repair or, at its option, replace defective unit/parts with new or rebuilt materials without charge for either parts or labor. Replacement unit/parts will be warranted for the remaining portion of the original warranty period.

This warranty does not cover installation or damage from accident, misuse, abuse, improper wiring, incorrect voltage, operating the unit against the instructions in the owner's manual or any product which has been opened, altered, or tampered with.

This warranty does not cover costs for removal and or installation of the unit for repair. Under no circumstances shall the service center be liable for any special, incidental or consequential damages or for any other expenses incurred by reason of use or sale of this product. This warranty is in lieu of any other warranties expressed or implied warranty of merchantability of fitness for particular use or otherwise.

This warranty gives the consumer specific legal rights and they may also have other rights which vary from State to State. Some States do not follow the exclusion or limitation of incidental or consequential damages, hence the above exclusion and limitations may not apply

Refurbished Product Service Center

13225 Marquardt Avenue Santa Fe Springs, CA 90670

WARRANTY REPAIR INFORMATION

If you need service on your unit during the 30 day warranty period; please go to

www.ConsumerServiceRefurbish.com or call the Refurbished Product Service Center at 562-946-3531 to obtain the required claim number. Once you obtain your claim number, pack the unit properly (the original carton is ideal for this purpose) along with a copy of your purchase receipt. Send the unit freight prepaid and insured to:

Refurbished Product Service Center,

Att: Customer Service Department 13225 Marquardt Avenue Santa Fe Springs, CA 90670

Your unit will be promptly exchanged and returned to you.

We will refuse to accept delivery of the returned unit unless the assigned claim number appears on the outside of the shipping carton

Owner's Information

(Keep for your permanent records)

| NAME: | | ADDRESS: | | CITY: |
|--------|-----------|-------------|---------|-------|
| STATE: | ZIP CODE: | PHONE: | E-MAIL: | |
| MODEL: | | SERIAL NO : | | |

overheating wires. PARTS INCLUDED (Appearance may vary)

