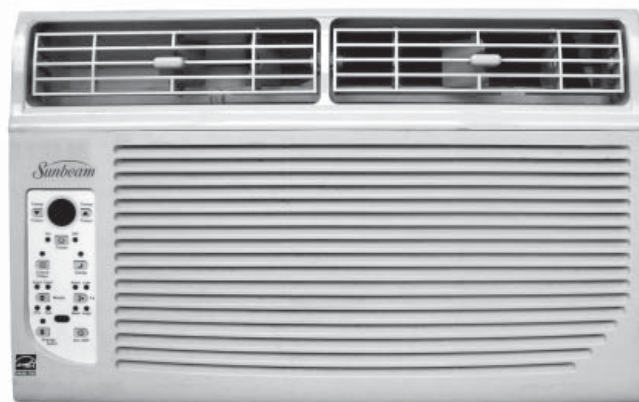


Sunbeam®

User's Manual

Electronic Control Air Conditioners



SAFETY PRECAUTIONS

READ ALL SAFETY PRECAUTIONS BEFORE USING THE AIR CONDITIONER.

FOR YOUR SAFETY:

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

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 electric service is adequate for the model you have chosen. This information can be found on the serial plate located on the side of the cabinet and behind the grill.
- 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 provided installation instructions. Save this manual and the installation instructions for possible future use in removing or installing this air conditioner.
- When handling the air conditioner, be careful to avoid cuts from sharp metal fins on the front and rear coils.

ELECTRICAL INFORMATION

The complete electrical information for your 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. Do not, under any circumstances, cut, remove, or bypass the grounding prong.
- 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 the air conditioner with the 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.

POWER SUPPLY CORD CURRENT DEVICE

The power supply cord contains a current device that senses damage to the power cord. To test your power cord, follow these steps:

1. Plug in the air conditioner.
2. The power supply cord will have two buttons on the plug head. Press the TEST button. You will notice a click as the RESET button pops out.
3. Press the RESET button. Again, you will notice a click.
4. The power supply cord is now supplying electricity to the unit. (On some products, this is also indicated by a light on the plug head.)

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USING THE AIR CONDITIONER

To operate the air conditioner:

1. Set the thermostat to the highest number (coldest or cooler setting).
2. Set the selector control to the highest COOL setting.
3. Adjust the louvers for comfortable air flow.
4. Once the room has cooled, adjust the thermostat to the setting you find most comfortable.

Note: If the air conditioner is turned off, wait three minutes before restarting. This allows pressure inside the compressor to equalize. Failure to do so may be harmful to your air conditioner.

NORMAL AIR CONDITIONER SOUNDS

HIGH PITCHED CHATTER

Today's high efficiency 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 the condenser during normal operation may cause "pinging" or "swishing" sounds.

GURGLING or HISSING

"Gurgling" or "hissing" noises may be heard due to refrigerant passing through the evaporator during normal operation.

SOUND OF RUSHING AIR

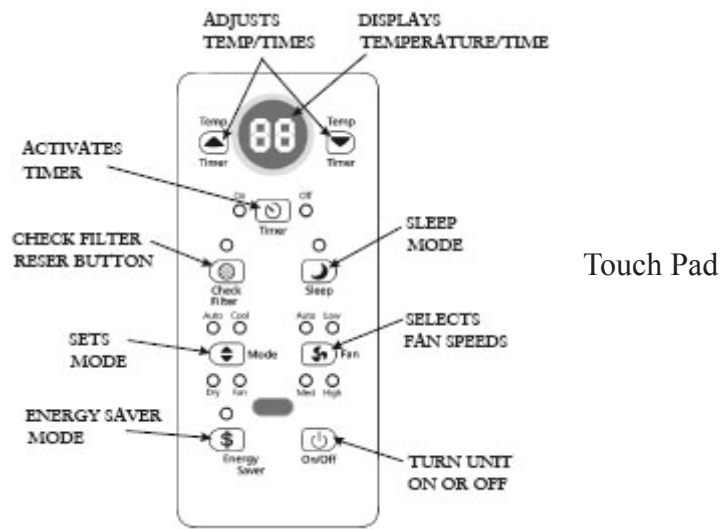
At the front of the air conditioner, you may hear the sound of rushing air being moved by the fan.

AIR CONDITIONER FEATURES

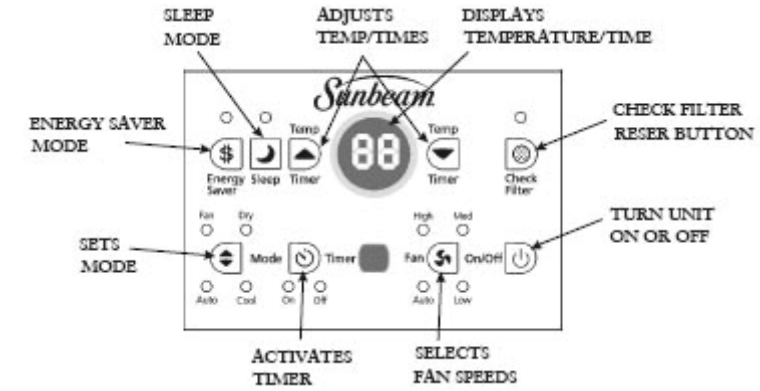
Control features in this manual are representative of many available models. Your model may offer slightly different features. Your unit will have one of the two touch pads shown below.



Remote Control
(some models, see additional manual)



Touch Pad



Note: The following instructions refer to the Touch Pad. The same instructions can be used for the remote control.

TO TURN ON/OFF AIR CONDITIONER

Press the ON/OFF pad.

TO CHANGE TEMPERATURE SETTING

Tap or hold the up and down arrows (▲▼) until the desired temperature is seen on the display screen. 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 the “To Operate on Fan Only” section.

TO ADJUST FAN SPEEDS

A 2-digit display is used to indicate the fan speed setting, from 10-99. When the SLOWER button is pressed, the motor speed will slow down at multiple intervals (90 distinct settings), to a minimum setting of 10. To speed up the motor, press the FASTER button. The speed will increase at multiple intervals to a maximum setting of 99. After 5 seconds, the control will automatically change back to displaying the set temperature.

AIR CONDITIONER FEATURES (con't)

TO USE AUTO TEMP FEATURE

Press AUTO TEMP.

The fan defaults to high speed and adjusts to slower speeds as the room temperature cools. The fan speeds will readjust back to the slowest speed as the room returns to the original temperature. Press either the FAN SLOWER or FAN FASTER button to manually adjust the fan speed.

TO OPERATE ON FAN ONLY

Press MODE.

Select FAN ONLY.

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

TO USE THE ENERGY SAVER FUNCTION

Press MODE.

Select ENERGY SAVER.

In this mode, the fan will continue to run for 3 minutes after the compressor is shut off. The fan then cycles on for 2 minutes in 10-minute intervals until the room temperature is above the set temperature. The compressor will then turn back on and starts cooling.

TIMER: DELAY START/STOP

Press TIMER.

To adjust the timer setting, tap or hold the up and down arrows (▲▼) to change the delay timer setting in half-hour increments, up to 10 hours, then in hour increments up to 24 hours. The control will count down the time remaining until start. 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 the 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. Turn the unit on or off at any time will cancel the delay start/stop function. For delay stop, the unit must be in the ON position. For delay start, the unit must be in the OFF position.

AIR CONDITIONER FEATURES (con't)

SLEEP FEATURE

Press SLEEP.

In this mode, the selected temperature will increase by 2°F 30 minutes after the mode is selected. The temperature will then increase by another 2°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 can be cancelled at any time during operation by pressing the SLEEP button again.

CHECK FILTER FUNCTION

This feature is a reminder to clean the air filter. The LED will illuminate after 250 hours of operation. To reset after cleaning the filter, press the CHECK FILTER button and the light will turn off.

CLEAN AIR FEATURE (on some models)

Press CLEAN AIR.

When this feature is on, the electronic air purifier is energized to remove pollen and impurities from the air. To cancel this feature, press CLEAN AIR (the light will turn off). Note this function cannot be activated from the remote control.

AIR DIRECTIONAL LOUVERS (Auger Type)

Air directional louvers control air flow direction. The louvers will allow you to direct the air flow up, down, left, or right, throughout the room as needed. Rotate the Auger Wheels until the desired Left/Right direction is obtained. Pivot horizontal louvers until the desired Up/Down direction is obtained.

FRESH AIR VENT CONTROL (on some models)

The Fresh Air Vent Control allows the air conditioner to recirculate the inside air, draw fresh air into the room, and exchange air from the room and draw fresh air into the room.

Note: Please always wait three minutes when turning the air conditioner off then on again and when changing from cool to fan and back to cool. This prevents the compressor from overheating and possible circuit breaker tripping.

CARE AND CLEANING

Be sure to unplug the air conditioner before cleaning to prevent shock or fire hazard.

AIR FILTER CLEANING

The air filter should be checked 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.

To clean:

1. Push the vent handle to the Vent Closed position.
2. Open the front panel.
3. Grasp the filter by the center and pull up and out.
4. Wash the filter using liquid dishwashing detergent. Rinse filter thoroughly. Gently shake excess water from the filter. Be sure the filter is thoroughly dry before replacing.

Instead of washing, you may vacuum the filter clean.

CABINET CLEANING

- Be sure to unplug the air conditioner to prevent shock or 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 ring 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 the air conditioner when done cleaning the cabinet.

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.

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 air conditioner must fit the room size for efficient and satisfactory operation.
- Install the 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.
- Proper insulation and water 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.

BEFORE ASKING FOR SERVICE

Before asking for service, please check each item below if you have trouble with your air conditioner.

PROBLEM	SOLUTION
<p>The air conditioner will not operate.</p>	<ul style="list-style-type: none"> • The power supply cord may be unplugged - push plug firmly into the wall outlet. • The plug current device may be tripped - press RESET. • The house fuse may be blown or tripped - replace fuse with a time delay or reset circuit breaker. • The selector control is in the OFF position. Turn selector to the ON position or the desired FAN or COOL setting. • The air conditioner was turned off by moving the thermostat to a higher number and then immediately turning back to a cooler number - wait about three minutes and listen for the compressor. • The air conditioner was turned off and then on too quickly - turn air conditioner off and wait three minutes before restarting. • The thermostat is set too low - adjust the thermostat to a cooler temperature.
<p>The air from unit does not feel cold enough.</p>	<ul style="list-style-type: none"> • Turn the selector to a higher COOL position. • The thermostat was set too warm - set the thermostat to a cooler temperature. • The room temperature is below 60°F (16°C) - to defrost the coil, set the selector to FAN, then set the thermostat to a warmer position. • The temperature sensing tube is touching cold coils behind the air filter - straighten tube away from coil.
<p>The air conditioner is cooling, but the room is too warm - ice is forming on the cooling coil behind the decorative front.</p>	<ul style="list-style-type: none"> • The outdoor temperature is below 60°F (16°C) - to defrost the coil, set selector to the FAN position, then set the thermostat to a warmer setting. • The air filter may be dirty and restricting air - clean filter. • The thermostat may be set too cold for nighttime cooling - to defrost the coil, set the selector to FAN, then set the thermostat to a warmer setting.

BEFORE ASKING FOR SERVICE (con't)

<p>The air conditioner is cooling, but the room is too warm - NO ice is forming on the cooling coil behind the decorative front.</p>	<ul style="list-style-type: none"> • The air filter may be dirty and restricting air - clean filter. • The thermostat may be set too warm - turn the thermostat to a cooler setting. • The air directional louvers may be positioned improperly - position louvers for better air distribution. • The front of the air conditioner may be blocked by drapes, blinds, furniture, etc., restricting air distribution - clean blockages in front of the air conditioner. • Doors, windows, registers, etc., may be open letting cold air escape - close anything that is open. • The air conditioner may have recently been turned on in a hot room - allow additional time to remove “stored heat” from walls, ceilings, floor, and furniture.
<p>The air conditioner makes noise when cooling.</p>	<ul style="list-style-type: none"> • Air movement sound - this is normal. If the sound is too loud, turn selector to lower FAN setting.
<p>There is water dripping INSIDE when the air conditioner is cooling.</p>	<ul style="list-style-type: none"> • The unit may be installed improperly. Tilt the air conditioner slightly to the outside to allow water drainage. Refer to installation instructions for proper installation.
<p>There is water dripping OUTSIDE when the air conditioner is cooling.</p>	<ul style="list-style-type: none"> • The air conditioner is removing a large quantity of moisture from a humid room. This is normal during excessively humid days.
<p>The room is too cold.</p>	<ul style="list-style-type: none"> • The thermostat is set too high. Set to a lower number on the temperate dial.
<p>The air conditioner turns on and off rapidly.</p>	<ul style="list-style-type: none"> • The air filter may be dirty and restricting air - clean filter. • The outside temperature may be extremely hot - set to high cool to bring air past cooling coils more frequently.

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