

AIR CONDITIONER FEATURES

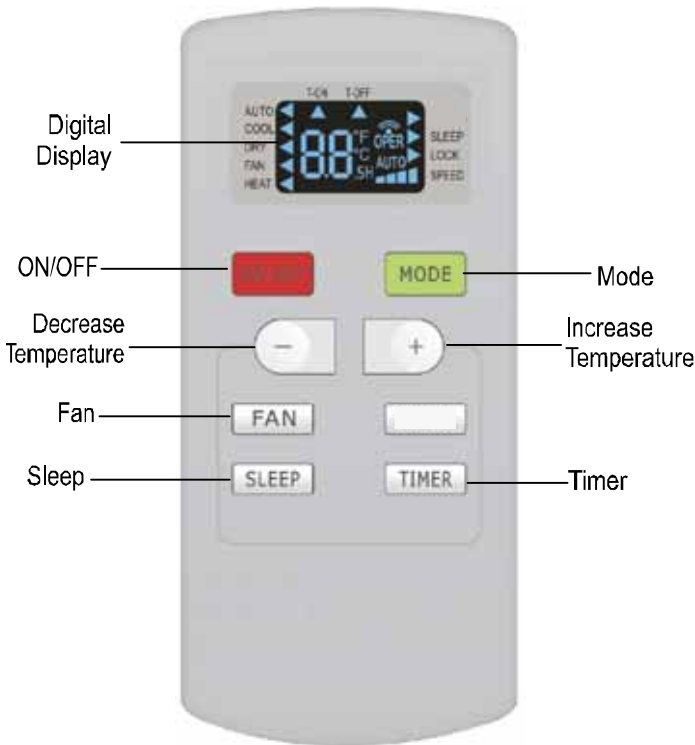
ELECTRONIC CONTROL OPERATING INSTRUCTIONS

Before you begin, thoroughly familiarize yourself with all of the functions of the control panel and remote as shown below and follow the instructions. *The unit can be controlled by the touchpad alone or with the remote control.*

REMOTE

CAUTION

- ENSURE THERE ARE NO OBSTACLES BETWEEN THE REMOTE CONTROL AND THE RECEIVER OF THE INDOOR UNIT.
- KEEP THE REMOTE CONTROL AWAY FROM LIQUIDS.
- DO NOT EXPOSE THE REMOTE CONTROL TO HIGH TEMPERATURES OR TO RADIATION.
- KEEP THE INDOOR RECEIVER OUT OF DIRECT SUNLIGHT.
- REMOTE CONTROL SHOULD BE KEPT AWAY FROM EMI (ELECTRO-MAGNETIC INTERFERENCE) AS IS PRESENT IN SOME HOUSEHOLD APPLIANCES.



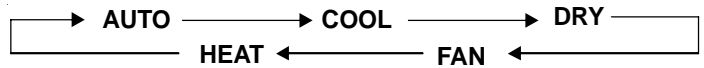
NOTE: The remote control will work normally after a 5 second reset. Use only AAA battery size.

AUTO and SAVE modes available on digital remotes only.

WARNING

DO NOT MIX OLD AND NEW BATTERIES. DO NOT MIX ALKALINE, STANDARD (ZINC-CARBON) OR RECHARGEABLE (NICKEL-CADMIUM) BATTERIES.

1. **ON/OFF Button:** Press this button to begin operation; press the button again to stop operation. Turning on or off the unit will cancel the TIMER and SLEEP functions. The pre-set time is not altered.
2. **MODE Selection Button:** Each time this button is pressed, the operation mode is shifted in the direction of the arrows shown below:



AUTO mode is the default mode while the power is on. The temperature is not displayed during AUTO mode. During HEAT mode, the initial value is 28°C (82°F). Under the remaining modes, the initial value is 25°C (77°F).

Centigrade setting range is 16-30; Fahrenheit setting range is 61-86.

AUTO - COOL - DRY - FAN - HEAT (Only for cooling and heating unit.)

3. **SLEEP Button:** (Conserves energy while you sleep.) When the SLEEP button on the remote control is pressed during Cooling, Heating (Cooling only type with no heat) or AUTO operation, the unit will automatically increase (cooling) or decrease (heating) 1.8°F (1°C) per hour for the first 2 hours and will hold that temperature after 2 hours. The fan will continue to operate.

By pressing this button, SLEEP ON and SLEEP OFF can be selected. After turning on SLEEP mode, SLEEP OFF is the default setting. Turning off the unit cancels the SLEEP mode function.

After setting up the SLEEP function, SLEEP will be displayed. During this mode, the timer settings can be changed. When running your unit in the FAN and AUTO modes, the SLEEP function is not available.

4. **FAN Button:** Used to select the fan setting in five levels of AUTO, FAN 1, FAN 2, FAN 3 or FAN 4 and each time the button is pressed, the fan speed mode is shifted.

NOTE: FAN 4 is available only in COOL and HEAT modes. After turning the unit's power ON, AUTO is the default setting.



5. **+ Button:** When the unit is on, press this button to increase temperature. Pressing this button for more than 2 seconds will rapidly change the temperature setting. Discontinue pressing the button and the display °C (°F) will be displayed continuously.

Temperature cannot be set during AUTO mode but the signal can be sent from the remote control to the unit to match the unit's set temperature with that of the remote control.

Centigrade setting range is 16-30; Fahrenheit setting range is 61-86.

6. - **Button:** When the unit is on, press this button to decrease temperature. Pressing this button for more than 2 seconds, will rapidly change the temperature. Discontinue pressing the button and the display °C (°F) will be displayed continuously.

Temperature cannot be set during AUTO mode but the signal can be sent from the remote control to the unit to match the unit's set temperature with that of the remote control.

7. **TIMER Button:** Pressing this button while the unit is OFF, the AUTO-ON time sequence can be initiated. Setting range is from 0.5 to 24 hours. After pressing this button, the characters "T-ON" and "H" will flash for 5 seconds. Within those 5 seconds, press the TIMER button once to complete the setting and to send a signal to your unit. If the setting is valid, the set time will be displayed for 2 seconds before displaying the temperature message.

During the flash, pressing the "+" button will increase the time or by pressing "-", the time will decrease. Each press will increase/decrease the auto-timed setting in 0.5 hour increments.

Note: Pressing the "+" or "-" button continuously will change the time value rapidly. The remote control can increase the set time by 0.5 hours every 0.25 seconds.

After turning on the unit, the default is no timer setting and there is no display of "T-ON" or "H". Press the **ON/OFF** button to turn on the unit and cancel the AUTO turn on.

After the temperature display is constant, press this button again to display the remaining set time. The time value, "T-ON" and "H" will display constantly for 2 seconds. After 2 seconds, the preset temperature will be displayed.

NOTE: Within these 2 seconds, pressing this button again will cancel the AUTO turn on request.

By pressing this button while the unit is on, you may set the time for AUTO turn off. The same method is used for setting the AUTO turn on.

ADDITIONAL INFORMATION

- The remote control will operate all the control panel features. Instructions will be the same.
- **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.**

NOTE: The fan will continue to run during this time.

- The control will maintain any set temperature between 60°F and 90°F (cooling), 55°F and 80°F (heating).
- 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 Selection Pads at the same time for 3 seconds.

COMPRESSOR

The compressor is hermetically sealed, permanently lubricated and requires no additional oiling.

FRONT PANEL AND GRILLE

The front panel and grille can be cleaned with a mild soap or detergent. Do not use hydrocarbon-based cleaners (e.g. acetone, benzene, naphtha, gasoline, etc.) to clean the front panel or grille. Use care when cleaning the control area. Do not use an excessively wet cleaning cloth.

SCHEDULED MAINTENANCE

To achieve continuing top performance and high efficiency, a regular cleaning/inspection schedule must be established. Maintaining this schedule can be accomplished by either a local maintenance staff or an authorized servicer and must follow the instructions described in this manual.

- If the unit is operated in a dusty climate, dust may collect in the basepan and clog the condenser coil. It is advisable to remove the unit from the sleeve and thoroughly clean the basepan and condenser coil on a periodic basis.
- If the unit is installed ocean side or in a corrosive atmosphere, its life may be greatly reduced by the corrosive environment. Under these conditions, the unit should be removed from the sleeve and completely cleaned once a year. At that time any scratches or blisters on the painted surfaces should be sanded and repainted.

OUTDOOR COIL CLEANING

The coils on the outdoor side of the air conditioner should be checked regularly. For cleaning outside coil, remove the 6 screws that mount the condenser coil top cover to condenser shroud.



NORMAL OPERATING SOUNDS AND CONDITIONS

POPPING OR GURGLING SOUNDS

This sound is the refrigerant traveling through the lines. This is a normal sound which may be heard for a few seconds after the unit shuts off.

WATER TRICKLING SOUNDS

This sound is produced by the water as it is picked up and run over the coils. This procedure improves the efficiency of the unit and helps with water removal.

WATER DRIPPING

Water will collect in the basepan during high humidity days.

STARTING DELAY

You may notice a short delay in the startup if you try to restart the unit too soon after turning it off or if you adjust the thermostat right after the compressor has shut off. This delay protects the compressor.

OBTAINING SERVICE

In the unlikely event this unit requires repair or servicing beyond what is covered in this manual, contact an authorized service organization.

To obtain an authorized servicer, contact your sales representative or agency.