



Ameristar Air Conditioner Remote Buttons and Functions Guide

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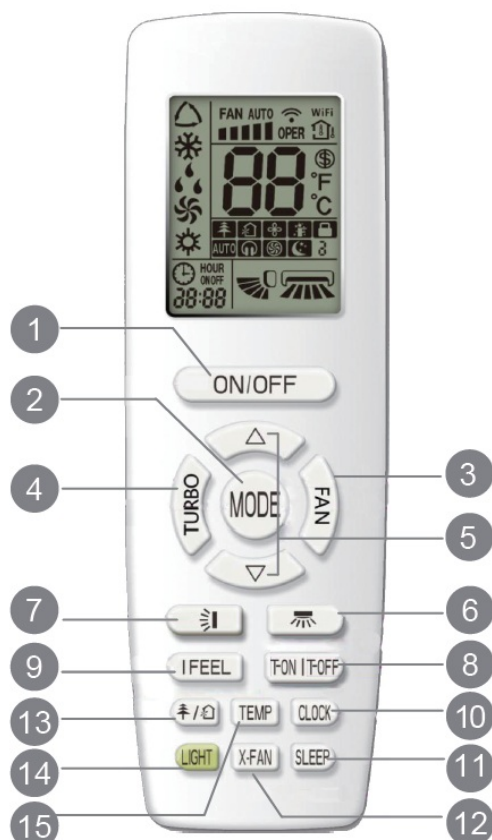
- This is a general-use remote controller that can be used with multiple models/units. Some functions will not apply to all models. Functions that are not operational will result in a command that is not completed and will not change the original status.
- Once the unit is powered on, there will be an audible sound originating from the ductless indoor unit. The operation indicator  will illuminate the face of the indoor unit. Once the power-on signal is detected the remote controller will execute the applicable commands as requested.
- When the unit is on, pressing buttons on the remote controller may be confirmed by displaying the signal  icon.

INTRODUCTION

The Ameristar air conditioner remote control provides a convenient way to operate and control your Ameristar air conditioning unit. With its intuitive buttons and functions, you can adjust various settings and customize your indoor climate to suit your preferences. This remote control allows you to conveniently control your air conditioner from a distance, eliminating the need to manually operate the unit. In this guide, we will explore the different buttons and functions found on the Ameristar air conditioner remote control, providing you with a comprehensive understanding of how to effectively use it. Whether you need to change the temperature, adjust the fan speed, or set a timer, this guide will walk you through the process step by step.

Remote Controller

Appearance and Functions



1. ON/OFF
2. Operation Mode
3. Fan Speed
4. Turbo Fan Speed
5.  Horizontal Air Direction
6.  Vertical Air Direction
7. I Feel
8. Display Light On/Off
9. Setpoint/Indoor/Outdoor
10. Temperature Toggle
11. Set Time
12. Timer On/Off
13. Sleep Mode
14. ▲/ ▼Adjustment Buttons
15.  Clean/Circulate Air
16. X-Fan Mode

Screen Icons

illuminate on the indoor unit and display on the remote controller screen.

- When selecting DRY mode, the unit will operate at a low fan speed to dry excess moisture from the indoor coil. The DRY indicator will illuminate on the indoor unit and display on the remote controller screen. The fan speed cannot be adjusted in dry mode.
- When selecting FAN mode, the unit will only circulate air. No cooling or heating functions are activated. No mode indicators ❄️ will illuminate on the indoor unit, only the ON indicator ⏻ will be displayed.
- When selecting HEAT mode, the unit will operate in heat pump mode. The heat indicator 🔥 will illuminate on the indoor unit and display on the remote controller. The cooling-only unit will not process the ⚙️ HEAT mode signal.

Note: To prevent cold air after activating heat mode, the indoor unit will delay the blower 1-5 minutes to allow the indoor coil to heat. The set temperature range from the remote controller is 61-86°F (16-30°C).

Setting the Fan Speed

When the unit is on, press the FAN button to cycle through the fan speeds in the following sequence auto (AUTO),

low (■), medium (■■), and high (■■■): When the operation mode changes, the fan speed will remain as originally set. When in AUTO mode, the system will select the proper fan speed automatically according to the factory setting. When in DRY mode, the fan speed is defaulted to low and cannot be adjusted.

Setting Turbo Mode

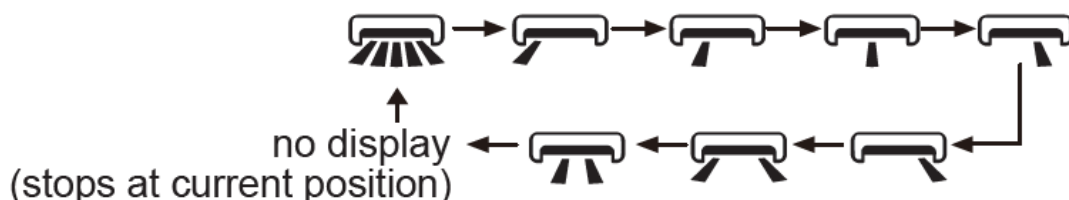
When the unit is in COOL or HEAT mode, press the TURBO button to activate the turbo function. The icon 🌀 will be displayed when the TURBO function is on. When the icon 🌀 is not displayed the TURBO function is off. When the TURBO function is on, the unit operates at the highest fan speed to achieve quick cooling or heating to reach the desired set point. When the TURBO function is off, the unit operates at the selected fan speed (Auto, Low, Medium, High).




Setting the Temperature

When the unit is on, press the ▲ or ▼ button on the main screen to increase or decrease the set temperature by 1°F(1°C). Press and hold the ▲ or ▼ buttons to rapidly increase or decrease the temperature. Once the button is released the temperature setting will save and display on the remote controller. In COOLING, DRY, FAN, and HEATING modes, the indoor temperature setting range is 61°-86°F (16°-30°C). In AUTO mode, the set temperature cannot be adjusted.


Setting the Horizontal Louver (swing angle) Air Position

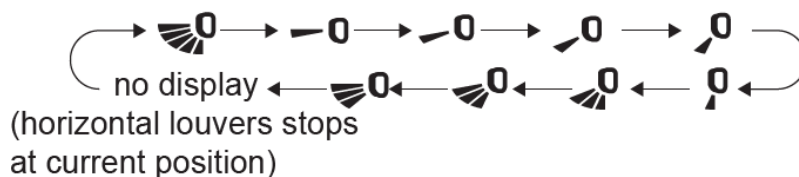
NOTE: This function is not available for all models. If not available, pressing the 🌀 button will result in no system change. If this function is not available, the horizontal louvers may be adjusted manually on the indoor unit to deflect the air in the desired direction. Do not attempt to manually adjust the vertical louvers. When the unit is on press the 🌀 button to set the horizontal or left/right louver position. The louver angle can be cycled circularly as shown below:









- Press and hold the  button for more than 2 seconds; the louvers will swing back and forth from left to right. Release the button and the unit will stop and lock the louver angle in that position.
- When the louver (swing angle) status is activated, press  the louver button again to deactivate the louver (swing angle) option. If the  button is pressed again within 2 seconds, the louver status will revert to the last louver status in the circular cycle as shown above.

Setting the Vertical Louver (swing angle) Air Position

When the unit is on, press the  button to adjust the vertical or up/down louver position. The louver angle can be cycled circularly as shown below:






- When selecting the full range  option 3° the unit will move the louvers angles for the largest distribution of airflow. up and down at the maximum
- When selecting any of the fixed-angle  steps. The unit will stop the louver at a fixed position. The louver will not oscillate up and down and the airflow will be directed in the fixed area.
- When selecting any of the fixed range steps  the unit will create a smaller oscillating range in which to distribute the airflow than what is available in the full range ° option. Note:
- The fixed range steps -0 40. 4p, may not be available for all units. Selecting this option, if not available, will result in the full-range automatic option.
- When pressing and holding the  button for more than 2 seconds, the main unit will enter the full range option. To stop the full-range oscillation, release the  button when the louvers are at the desired point. The louver's position will be saved and held.
- When in full range ° mode, pressing the  button will turn the mode off or on or toggle circularly through the louver option steps as indicated above.

Setting the Timer




The operation time of the unit can be set as needed. The TIMER ON and TIMER OFF functions can be set simultaneously to enable a system operating time frame. Before setting, check to ensure the system time is set to reflect the current time; if not, see "Setting the Time" on page 2 for instructions on setting the system clock.

Setting Timer ON


1. Press the T-ON button, the  icon disappears, and the word ON will blink.
2. Press the 4 or 7 buttons to adjust the timer time in 1-minute increments. Press and hold either or  button for a rapid increase or decrease of the timer setting.

3. Press the T-ON button again to confirm the timer on the setting. The word ON will stop blinking and the  icon is displayed indicating the timer has been set. The display will then revert to displaying the system time.
4. Press the T-ON button again to cancel the timer. ON will not be displayed indicating there is no on-timer set.

Setting Timer OFF


5. Press the T-OFF button, the 1 icon disappears and the word OFF will blink.
6. Press the  or  buttons to adjust the timer time in 1-minute increments. Press and hold either  button for a rapid increase or decrease of the timer setting.
7. Press the T-OFF button again to confirm the timer offsetting. The word OFF will stop blinking and the O icon is displayed indicating the timer has been set. The display will then revert to displaying the system time.
8. Press the T-OFF button again to cancel the timer. OFF will not be displayed indicating there is no off-timer set.

Setting the I Feel Function

When the unit is on, press the I FEEL button to activate the I FEEL function. The  icon will only be displayed when the I FEEL function is on. When the I FEEL function is turned on, the remote controller will send the detected ambient temperature to the unit, and the indoor temperature will be adjusted according to the detected temperature at the location of the remote controller.


Note: For best results, the remote controller should be kept near the user. Do not put the remote controller near an object with excessively high or low temperatures, such as on an appliance or in direct sunlight to avoid detecting an inaccurate ambient temperature.

Setting Sleep Mode

When the unit is on and in COOL or HEAT mode, press the SLEEP button to activate the SLEEP function. The  icon will only be displayed when the SLEEP function is on. The SLEEP function cannot be set in AUTO, FAN or DRY mode. When the unit is turned off or the mode has changed the SLEEP function is automatically canceled.

Note: When this function is turned on, the unit will operate according to the preset sleep curve to provide a comfortable sleep environment.

Setting X-FAN Mode


When the unit is on and in COOL or DRY mode, press the X-FAN button to activate the X-FAN function. The  icon will be only displayed when the X-FAN function is on. When the X-FAN function is on, the indoor fan will continue to run for two minutes to dry the indoor coil after the unit has been powered off. The fan will automatically stop after a preset time. The X-FAN function is not available in AUTO, FAN or HEAT mode. Note: The X-FAN function can be canceled or activated after powering the unit off by pressing the X-FAN button.

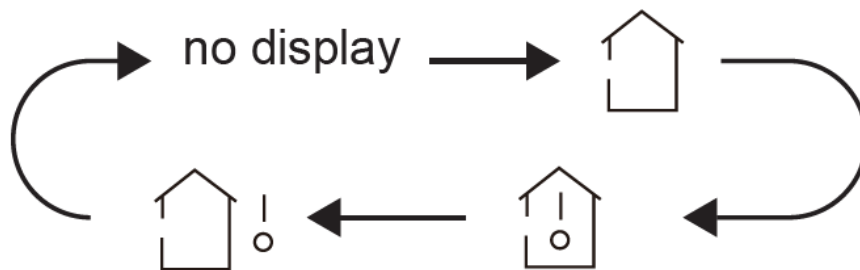
Clean/Circulate Air Function

This function is not available at this time. Pressing the 4 buttons will result in no system change. Setting the Light Display The light on the display panel of the indoor unit will display the present operation status. Press the LIGHT button to toggle between the display light ON or OFF status.




Setting the Temperature Function

Pressing the TEMP button determines what temperature is displayed on the remote controller. By pressing the

 TEMP button, you can cycle through the display options as follows:



When the unit is ON, the display panel of the indoor unit defaults to display the set temperature. Press the TEMP button to view the indoor or outdoor ambient temperature on the display panel of the indoor unit.

- The  icon is displayed when the temperature displayed is the set temperature.
- The  icon is displayed when the temperature displayed is the indoor ambient temperature.
- The  icon is displayed when the displayed temperature is the outdoor ambient temperature.

Note

The outdoor temperature display is not available for some models. When the remote controller re-receives the outdoor ambient temperature signal, it will default to display the set temperature. When the unit is powered on, the default is the set temperature.

When selecting to display the indoor or outdoor ambient temperature, the indoor temperature indicator will display the corresponding temperature and automatically return to displaying the set temperature after 3-5 seconds.

Setting Energy-Saving Mode

When the unit is in COOL mode, press the TEMP and CLOCK buttons simultaneously to activate or deactivate the energy-saving function. When the energy-saving function is activated “SE” will display on the remote controller and the unit will adjust the set temperature automatically to a preset factory setting for the best energy-saving results. Press the TEMP and CLOCK buttons simultaneously again to deactivate the energy-saving function.

Note:



When the energy-saving function is on, the fan speed is defaulted to AUTO and cannot be adjusted. When this function has been set, the set temperature is displayed as “SE”. The system will run in an energy-saving mode with the set temperature at 81°F (27°C).

The SLEEP function and energy-saving function cannot operate simultaneously. If the energy-saving function has been set when the unit is in COOL mode, pressing the SLEEP function will cancel the energy-saving function. If the SLEEP function has been set when the unit is in COOL mode, turning on the energy-saving function will cancel the SLEEP function. Setting the 8°C (46°F) Heating Function (Vacation or Holiday) When the unit is in HEAT mode, press the TEMP and CLOCK buttons simultaneously to activate or deactivate the 8°C (46°F) heating function. The @ icon and “8°C” (46°F) will display on the remote controller. Press the TEMP and CLOCK buttons simultaneously again to deactivate this function. When this function is activated, the unit will not allow the indoor ambient temperature to fall below 8°C (46°F). This function is typically used when away for vacation holidays and is intended to save energy and protect pipes or plants from freezing when the building is unoccupied.


Note:

When the 8°C (46°F) function is on, the fan speed is defaulted to AUTO and cannot be adjusted. When the 8°C (46°F) is on, the set temperature is calculated automatically and cannot be adjusted. The SLEEP function and 8°C (46°F) function cannot operate simultaneously. If the 8°C (46°F) function has been set when the unit is in HEAT mode, pressing the SLEEP function will cancel the 8°C (46°F) function. If the SLEEP function has been set when the unit is in HEAT mode, turning on the 8°C (46°F) function will cancel the SLEEP function. When the temperature display is set to F, the remote controller will display 46°F instead of 8°C.

Setting the Child Lock

Press the ▲ and ▼ buttons simultaneously to lock the buttons on the remote controller. The  icon will be displayed. Press the ▲ and ▼ buttons again simultaneously to unlock the buttons on the remote controller. The  icon will not be displayed. If the remote is locked the icon will blink 3 times when pressing any button on the remote and the function of the button pressed is invalid.

Setting the Temperature Display Type

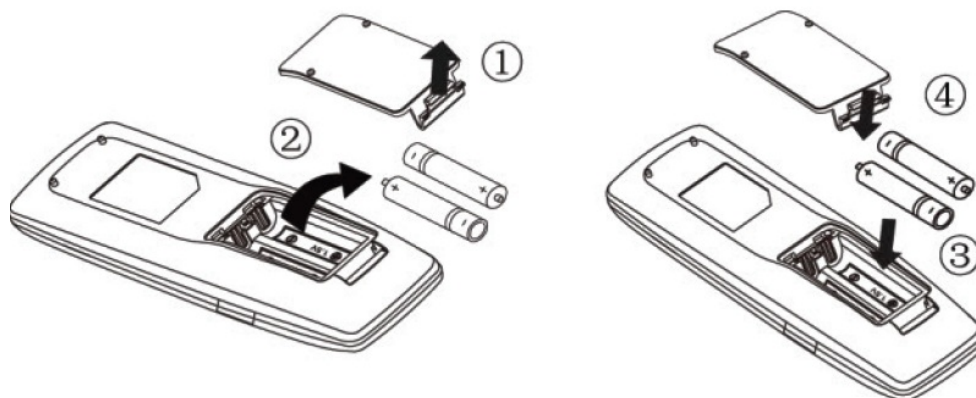
When the unit is OFF, press the  and MODE buttons simultaneously to toggle the temperature display between °C and °F.

WIFI Function

This function is not available at this time.

Replacing the Batteries and Additional Notes

1. Lift the back cover in the direction of the arrow (As shown in step 1).
2. Remove the original batteries (As shown in step 2).
3. Insert two new AAA1.5V dry batteries, and pay attention to the polarity (As shown in step 3).
4. Replace the back cover (As shown in step 4).



The remote controller should be kept at a minimum distance of 39 inches (1 m) from other electrical appliances such as television, stereo, etc. The maximum operating distance between the remote and the indoor unit should be no more than 26 feet (8m). The remote controller should be operated within its receiving range. If signals are not being processed, move the remote controller closer to the indoor unit. Check to make sure the batteries are good and installed correctly. The remote controller should not be dropped or thrown. Keep the remote dry and free of liquid spills. When replacing batteries do not use old or mismatched batteries. If the remote controller will not be in use for a period of time, remove the batteries and store them separately.

FAQS

Q: How do I unlock my Ameristar remote?

A: Hold both buttons for 5 seconds again to unlock the controller. toggle between Celsius and Fahrenheit on the display. Press On/Off to turn on the unit and turn it off by pressing again.

Q: How does the AC remote control work?

A: How air conditioner remote controls work. Most air conditioner remote controls rely on infrared technology (IR). A remote control emits pulses of infrared light and those pulses are detected by a receiver, usually situated on the air conditioning unit itself. The infrared beams of light are invisible to the naked eye.

Q: Which controller is used in the air conditioner?

A: HVAC controllers are used to monitor and control the performance of heating, ventilation, and air conditioning

systems (HVAC) in buildings. They monitor indoor environmental factors such as humidity and temperature and control heating and cooling to achieve and maintain desired levels.

Q: What is the smart button on the AC remote?

A: In SMART mode the air conditioner will automatically switch between Cool, Heat, or Fan to maintain set temperature. (2) When the fan is set to AUTO the air conditioner automatically adjusts the fan speed according to room temperature.

Q: What is remote control locking?

A: A remote keyless system (RKS), also known as the remote keyless entry (RKE) or remote central locking, is an electronic lock that controls access to a building or vehicle by using an electronic remote control (activated by a handheld device or automatically by proximity).

Q: Why won't my remote control open?

A: Remove the batteries and clean the remote control terminals with a small solution of alcohol, using a cotton bud or soft cloth, then place the batteries back into the remote control. Replace with fresh batteries. Notes: Insert a battery consistent with the + pole and – pole according to the indication.

Q: What is remote control features?

A: Present-day remote controls are commonly consumer infrared devices which send digitally-coded pulses of infrared radiation. They control functions such as power, volume, channels, playback, track change, heat, fan speed, and various other features.

Q: Why are some of the buttons on my remote not working?

A: Remote control buttons have a conductive thin layer beneath. As time goes by this layer may get damaged because of friction and loose conductivity. As a result, although the batteries are full and you apply great pressures on the button they do not function.

Q: Are there different types of remote controls?

A: Types of Remote Controls. There are two types of remote controls: infrared (IR) and radiofrequency (RF) remote controls.

Q: What is a remote frequency?

A: Additionally, in Europe, the SRD-band (short-range device band) at 868 MHz, and in the US the frequency band at 315 MHz is commonly used for remote controls.

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