



Indoor Unit Overview

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Front Panel Display

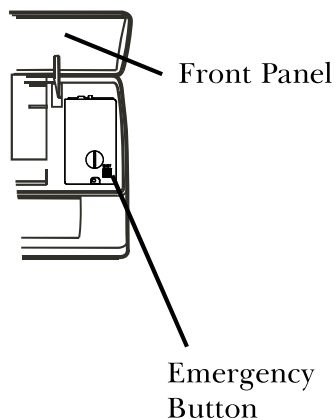


No.	LED Icon	Symbol	Description
1	POWER	⏻	Indicates that the unit is currently powered on
2	SLEEP	☾	Indicates that the system is currently in SLEEP mode
3	Temp. Display	88	Displays the current set temperature or any error codes
4	TIMER	⌚	Indicates that the TIMER function has been set
5	RUN	✪	Indicates that the fan is currently on and running

 The shape and position of switches and indicators may vary according to the model, however the functions remain the same. There may be variances between the amount of digits that are shown on the remote (3) vs. the amount on the indoor unit (2).

Emergency Manual Button And Auto-Restart Function

 The emergency button is located at the terminal block cover of the unit under the front panel.



Emergency Manual Button

If the remote controller fails to operate the system, proceed as follows:

- Open and lift the front panel up at an angle to gain access to the emergency button.
- Press the manual button once to start the unit in COOL mode.
- Press the button again within 3 seconds to start the unit in HEAT mode.
- Press a 3rd time within 5 seconds to turn off the unit.

Auto-Restart Feature

This appliance is programmed with an auto-restart function.




In case of sudden power failure, the control module will remember the settings configured before power loss.

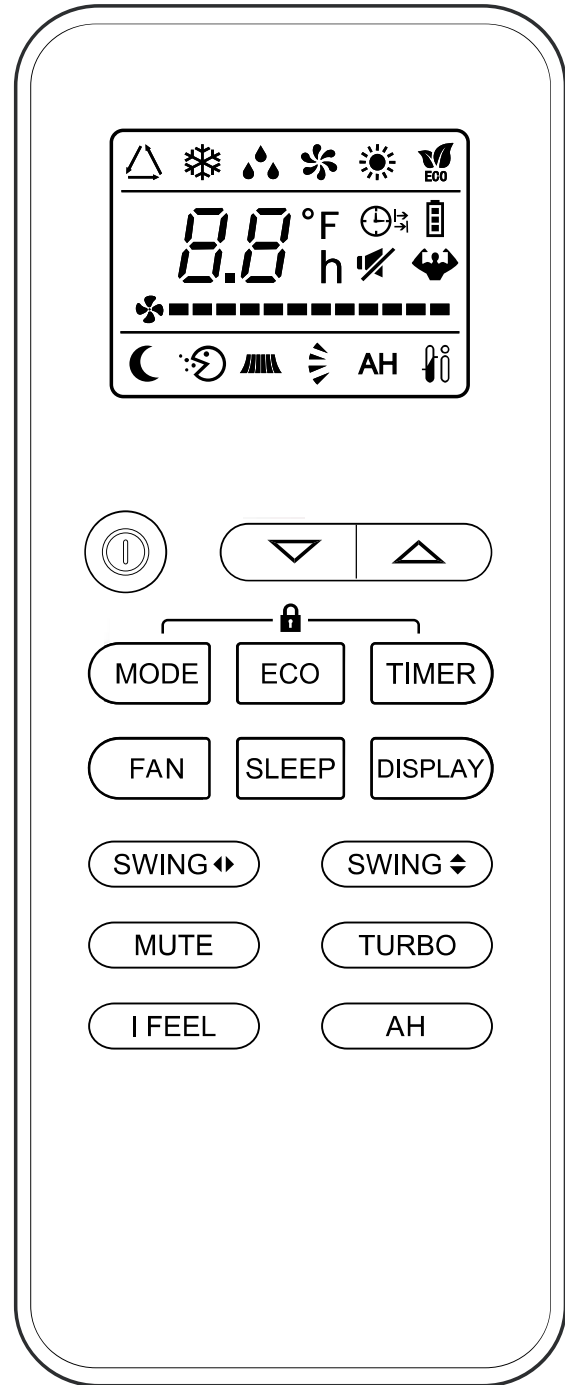
When power is restored, the unit will restart automatically, and will be set to the previous settings, which were preserved with this memory function.




Operating Instructions

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Remote Buttons Overview

Button	Description
	Turns the air conditioner on or off
	Decreases set temperature, set timing, or navigates the functional menu
	Increases set temperature, set timing, or navigates the functional menu
MODE	Selects the mode of operation (Auto, Cool, Dry, Fan, and Heat modes)
ECO	Activates/deactivates the ECO feature
TURBO	Activates/deactivates the TURBO feature, which allows the system to reach set temperatures quicker
FAN	Configures the fan speed (Auto, Low, Mid, and High)
TIMER	Configures the automatic on/off times
SLEEP	Toggles the system's Sleep Mode
DISPLAY	Turns the LED display on or off
SWING	Activates the swinging of the louver
MUTE	Puts the system into silent mode
I FEEL	Activates the system's Follow Me mode
AH	Controls the 46°F "Away from Home" freeze protection.

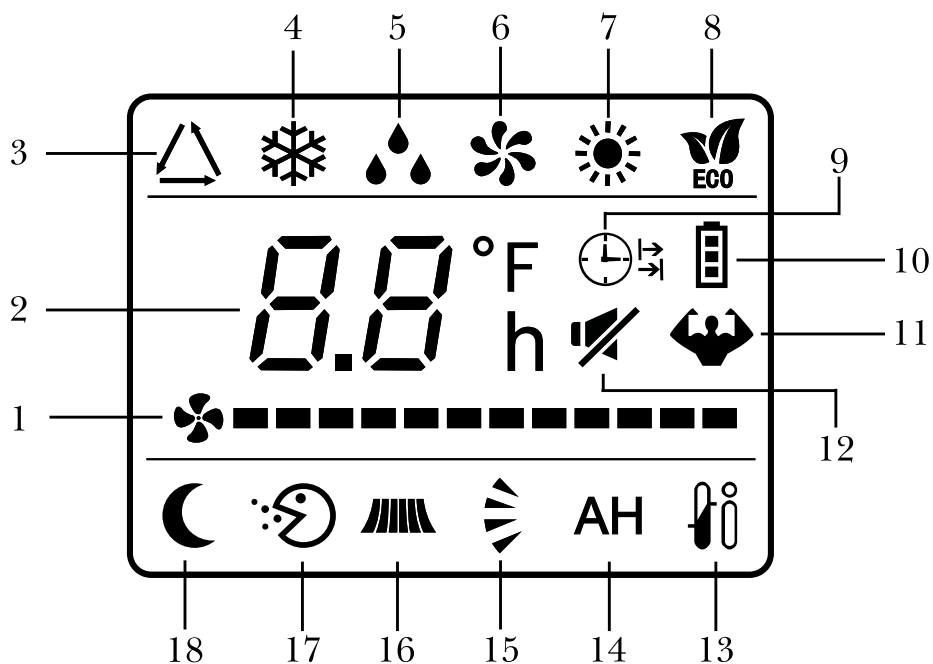


-  *The display and some features of the remote control may vary according to the model of the system.*
-  *The shape and positions of the buttons and indicators may vary according to the model of the system, but the features and functionality would remain the same.*
-  *The unit will confirm the successful reception of each button command with a beep.*

Operating Instructions

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Remote Controller LED Screen and Icons



No.	Icon	Description	No.	Icon	Description
1		Fan Speed	10		Battery
2		Temperature	11		Turbo Mode
3		Auto Mode	12		Mute Function
4		Cooling Mode	13		I Feel/Follow Me Mode
5		Dry Mode	14		46°F Freeze Protection
6		Fan Only Mode	15		Up-Down Auto Swing
7		Heating Mode	16		Left-Right Auto Swing
8		ECO Mode	17		Health Function
9		Timer	18		Sleep Function

NOTE ON ILLUSTRATIONS

The illustrations in this manual are strictly for explanatory purposes. The actual display and some functions of the remote controller may vary according to the model purchased.

Operating Instructions

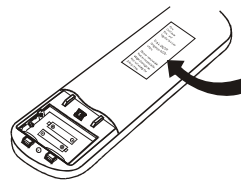
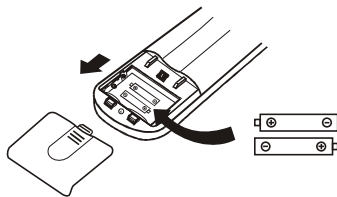
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Replacement of Batteries

Remove the battery cover from the rear of the remote controller, by sliding it downward in the direction of the arrow as depicted below. Install batteries according to the depicted directions (+ and -) as shown on the remote controller. The cover then slides back into place.



Use 2x AAA batteries. Do not use re-chargeable batteries. Replace old batteries with new ones of the same type when the display is no longer legible. Do not dispose of batteries as unsorted municipal waste. Disposal of such waste separately for special treatment is necessary. If the system will not be used for a long time, remove batteries to prevent leakage.



Note

Please remove batteries to avoid leakage damage when not being used for a long time.

Configuring Remote Controller Settings (some models)

Depending on the system, the control type (Cooling Only or Heat Pump) must be set after a battery swap is done. As soon as the batteries are inserted, the symbols ❄️ and ☀️ will begin flashing. Operate as below:

- When the symbol ❄️ is displayed, push any button to set the control type to Cooling Only.
- When the symbol ☀️ is displayed, push any button to set the control type to Heat Pump.



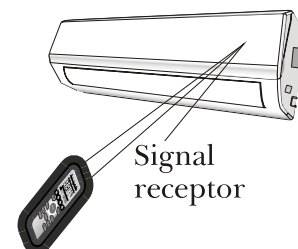
Note: If the remote control is used to set the control type to Cooling Only, the heating function cannot be activated in systems with a heat pump. To modify or reset this setting, first remove the batteries and then reinstall and repeat.

The temperature display can be set to show degrees in either °C or °F by doing the following:

1. Press and hold the TURBO button for 5+ seconds to activate the change prompt.
2. Repeat this process once more to switch between °C and °F options.
3. Release the button, and the setting will be active after 5 seconds have elapsed.

Operating the Remote Controller Successfully and Safely

- Ensure no objects come between the remote controller and signal receptor of indoor unit.
- Keep the remote at least 3 ft away from televisions and other electrical appliances.
- Always direct the remote controller toward the air conditioner.
- Don't leave the remote exposed to sunrays.



Signal
receptor

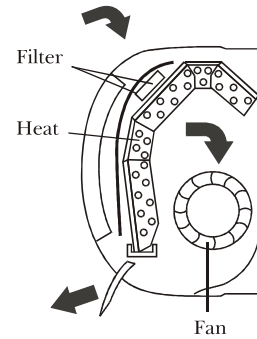
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Regarding the Airflow of the Indoor Unit

The air that is pulled in by the fan (the “return air”) enters the grille and is passed through the filter. It is then cooled/dehumidified/heated through the heat exchanger.

The direction of the air output is manipulated up and down by the motorized louver, and left to right via manually controlled vertical deflectors. Some models may come with “dual-swing” capability, which offers both a horizontal and vertical motorized air flow swing.

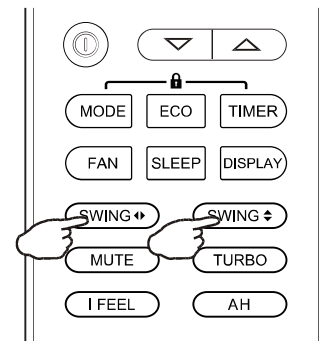
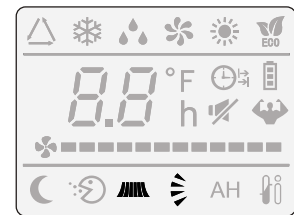


Controlling the System's Airflow

1. Pressing the SWING buttons activates the louver.

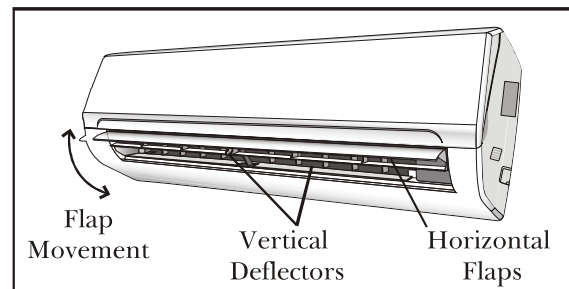
- Press the button to trigger the horizontal flaps to swing up and down. Press this button again to stop swing movement at the current angle.
- Press the button to trigger the vertical flaps to swing left and right. Press this button again to stop swing movement at the current angle.

2. If the vertical deflectors (which are located underneath the flaps) are adjusted manually, they can be used to fix the airflow in a certain vertical position before turning the system on.



CAUTION

- Do not manipulate the louvers themselves manually, or serious damage may occur.
- Deflector adjustments should be made only when the system is switched off.
- Never poke fingers, sticks, or other objects into the air inlet/outlet vents.



Operating Instructions

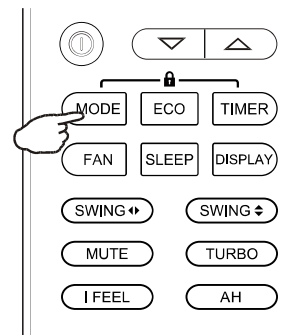
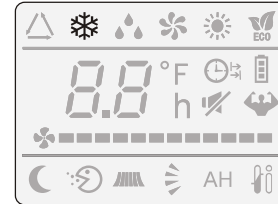
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COOLING Mode

Cooling mode allows the air conditioner to cool the room while also reducing the humidity of the air in the room.

To put the system into cooling mode, press the **MODE** button until the ❄️ symbol appears on the remote's display.

The ▼ and ▲ buttons can then be used to set a temperature lower than that of the room.

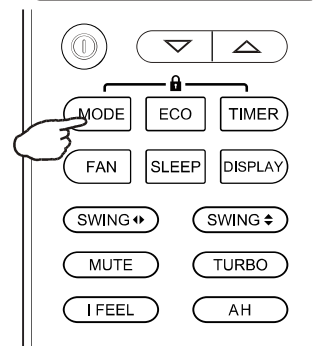
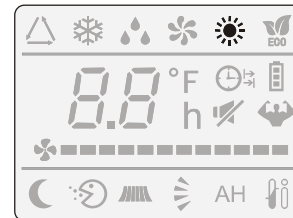


HEATING Mode

Heating mode allows the air conditioner to heat the room.

To put the system into heating mode, press the **MODE** button until the ☀️ symbol appears on the remote's display.

The ▼ and ▲ buttons can then be used to set a temperature higher than that of the room.



⚠️ NOTE

In heating mode, the appliance will periodically enter a defrost cycle, which is essential in order to clean frosting off the condenser and recover heat exchange capability. This process is normal and lasts for 2-10 minutes.


During defrosting, the indoor unit's fan will cease operation. After the cycle is completed, the system will resume its normal heat mode operation automatically.

Operating Instructions

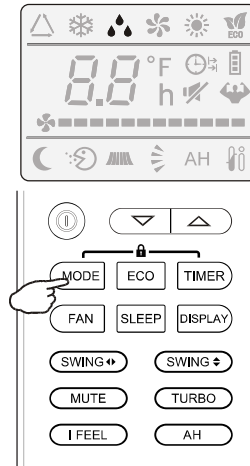
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DRY Mode

Dry mode is a limited function that can help reduce the humidity/moisture of the room.


To put the system into dry mode, press the **MODE** button until the  symbol appears on the remote's display.

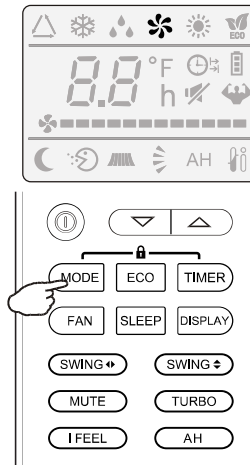
An automatic preset of this mode is then activated.



FAN-ONLY Mode


Fan-only mode is used to set the system to use only air ventilation and no heating or cooling.

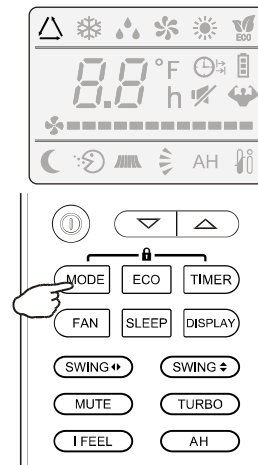
To put the system into fan-only mode, press the **MODE** button until the  symbol appears on the remote's display.



AUTO Mode

Auto mode will let the system determine the running configuration based on the set temperature and the current room temperature.

To put the system into AUTO mode, press the **MODE** button until the  symbol appears on the remote's display.



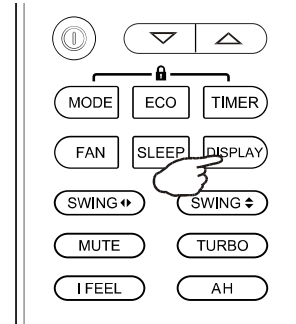
Operating Instructions

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Turning the Display On or Off

The LED display on the front panel of the system can be turned on or off as desired.


To do so, press the **DISPLAY** button in order to switch off the LED display on the front panel. This button can be pressed again to turn the LED display back on.

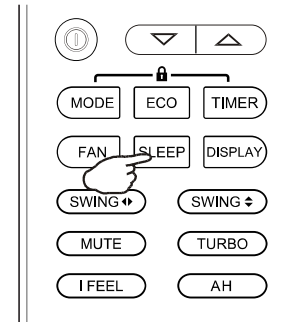
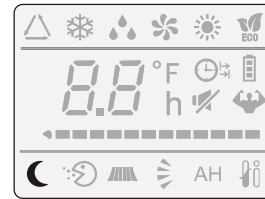


SLEEP Mode

Sleep mode is generally meant for periods of lower cooling requirements, such as during typical sleeping hours. This mode will result in decreased energy use, and can only be activated via remote control.

After 10 hours in sleep mode, the air conditioner will revert to the previously set mode.

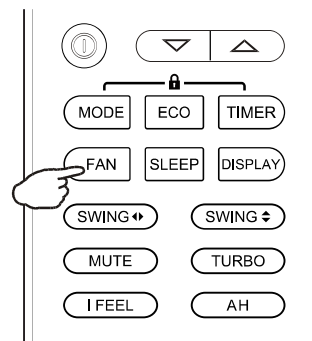
To put the system into sleep mode, press the **SLEEP** button, and the  symbol will appear on the display. Press this button again to exit from this mode.



Changing the Fan Speed

The fan speed can be changed between AUTO, LOW, MID, and HIGH speeds.

To do so, press the **FAN** button. The running fan speed can then be set.





Operating Instructions

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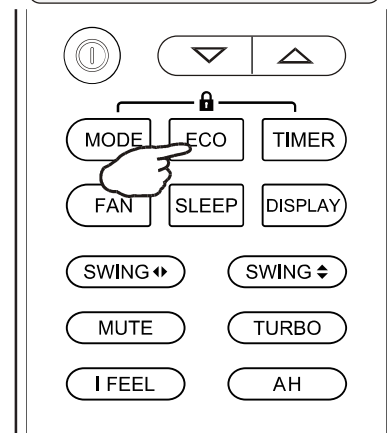
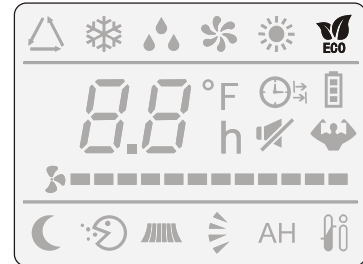
Energy Saver (ECO) Option

In this mode, the appliance will automatically manage the operation in order to save energy.

To turn the ECO feature on, press the  button on the remote, and the  icon will appear. The system is now running in ECO, and the process can be repeated to turn it off.



NOTE

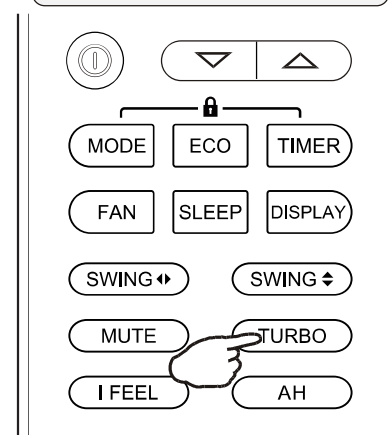
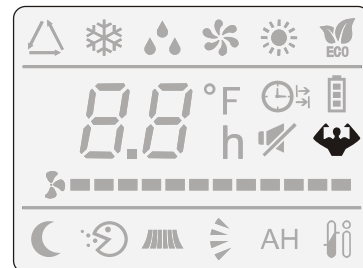
The ECO feature is available in both COOLING and HEATING modes.



TURBO Option

In this mode, the appliance will operate using the highest fan speed in order to maximize output and reach the set temperature the quickest.

To turn the TURBO feature on, press the  button on the remote, and the  icon will appear. The system is now running in TURBO, and the process can be repeated to turn it off.



Operating Instructions

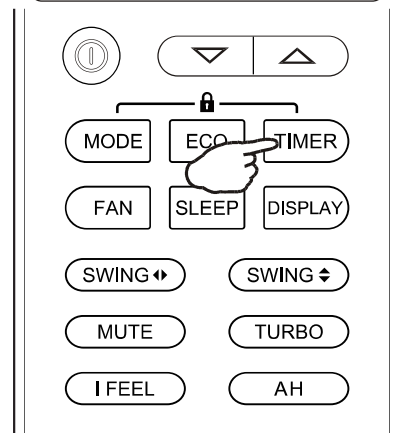
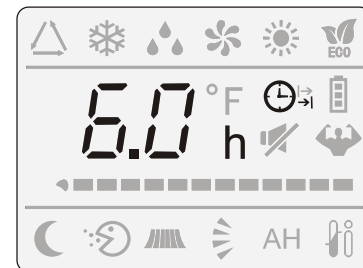
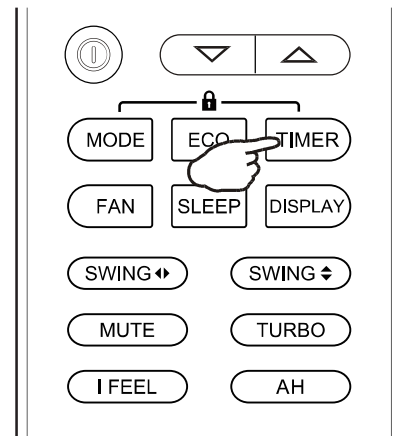
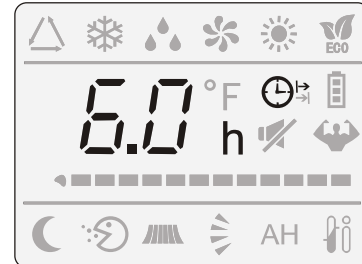
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Using the Timer - TIMER ON

The TIMER feature allows you to set a time delay for the system to turn itself on or off.

To set a time delay for the system to turn itself on in X number of hours:

1. Begin by pressing the **TIMER** button while the system is powered off. The **Ⓢ** symbol will then display. You can then set the needed modes.
2. Set the desired mode (COOL, HEAT, AUTO, FAN, DRY) by pressing the **MODE** button.
3. Set the desired fan speed with the **FAN** button.
4. Use the **▽** and **△** buttons to set the desired operation temperature.
5. Press the **TIMER** button again to set the switch-on time. Use the **▽** and **△** buttons to set the needed time delay.
6. Press the **TIMER** button again to confirm. It can also be pressed once more to cancel the setting.



Using the Timer - TIMER OFF

The TIMER OFF feature allows the appliance to turn itself off after X number of hours have passed. The symbol **Ⓢ** will appear. To set a time delay for the system to turn itself off in X number of hours:

1. Confirm that the appliance is on and running.
2. Press the **TIMER** button to enter the prompt for switching off the system. Use the **▽** and **△** buttons to configure the time delay setting.
3. Press the **TIMER** button again to confirm. It can also be pressed once more to cancel the setting.

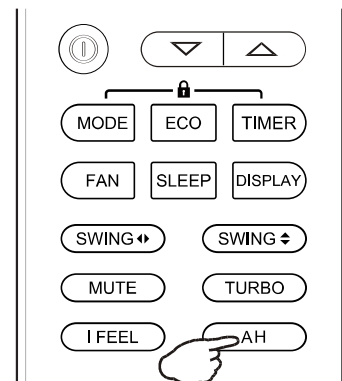
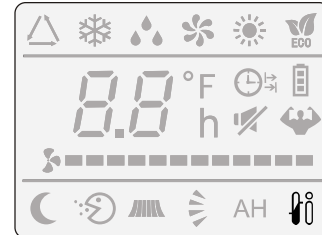
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46°F Freeze Protection Function


This feature is meant to be used to prevent freezing while the user is away from home. When turned on, it sets the system to keep a temperature of 46°F. If the unit is in standby, then the setting will automatically start the heating mode when the room temperature is equal to or lower than 46°F. It will set the system back to standby when the room temperature reaches 48°F.

If the room temperature is ever 64°F or higher, then the appliance will cancel or prevent this feature automatically.



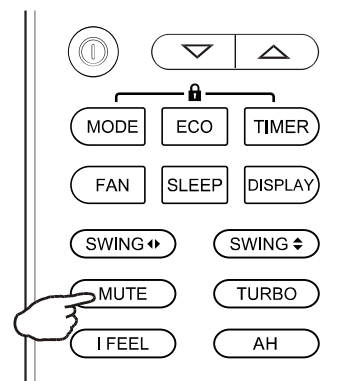
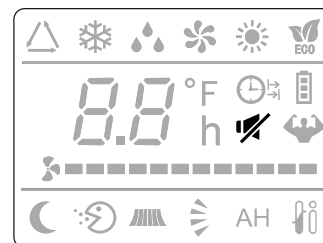
MUTE Mode

When the system is muted, the remote controller will display AUTO fan speed, and the indoor unit will operate at its lowest fan speed in order to minimize operation noise.

Press the **MUTE** button in order to activate this mode. The  icon will display to indicate that the system is muted.

This mode can be cancelled by pressing either the FAN, TURBO, or SLEEP buttons.

Note: The MUTE feature cannot be activated when the system is in DRY mode.




Operating Instructions

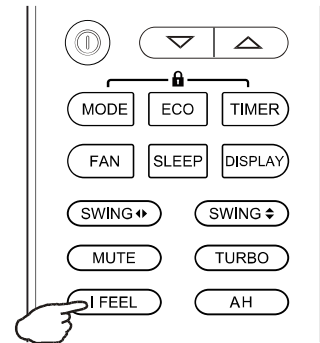
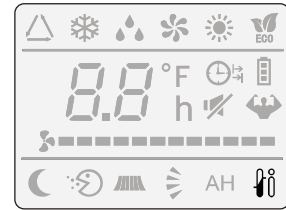
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I FEEL - To Ensure Comfort

The I FEEL feature enables the remote to act as the temperature sensor and relay the current air temperature of where the remote is physically placed within the room. In some cases, this can aid with reducing thermal drift between the set temperature and the actual room temperature.



In order to activate this feature, press the  icon will appear on the display.


Note: The I FEEL feature will automatically de-activate itself 2 hours later.



SELF-CLEAN Feature

This feature helps carry away accumulated dust, dirt, bacteria, and other microbial contents away from the indoor evaporator.

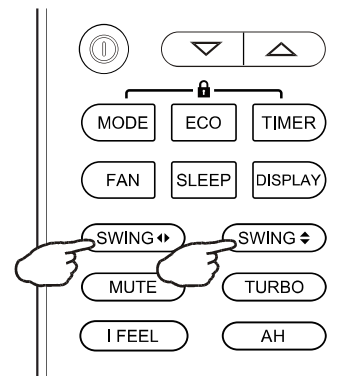
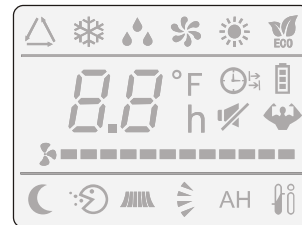
To activate this feature, press the  and  buttons together until a beep is heard from the unit. This procedure will run for approximately 30 minutes, before returning to the preset mode.

The  button can be pressed to cancel this feature during the process. Two beeps will be emitted from the machine when it is finished or cancelled.

This procedure can result in some uncommon noise coming from the machine. This noise is normal as a side effect of the plastics expanding and contracting due to reactions with heat and cold.

It is recommended to use this function only when indoor temperature is under 86°F and outside temperature is between 41°F and 86°F.

It is suggested to run this feature once every 3 months.



Operating Instructions

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An Important Note Regarding Operating Temperatures

The system is designed to run within a certain range of temperatures, which are listed below. There are built-in protections with the system that may stop the appliance when the ambient temperature goes outside of these ranges.

Inverter Air Conditioner

Temperature \ Operating Mode	COOLING Mode	HEATING Mode	DRYING Mode
Current Room Temperature	63°F - 89°F	32°F - 86°F	63°F - 89°F
Ambient Outdoor Temperature	5°F - 127°F	-13°F - 86°F	59°F - 127°F

NOTE

After stopping and restarting the air conditioner, or after the mode is changed during operation, the system does not restart immediately, and will come on when three minutes have elapsed (as a protection for the compressor).

Full system-rated capacity and efficiency is obtained at the standard rating conditions as developed by the testing and rating agencies. Deviations from the rating conditions, especially the atmospheric conditions, will be compensated by the variable speed compressor, within certain limitations.

Heat pump systems function by exchanging energy, in the form of heat, between the indoor air and the outdoor ambient air (atmospheric). The system's net cooling or heating capacities and efficiencies change by atmospheric conditions, as well as the indoor air conditions (such as temperatures and humidity levels).

Capacity of the system required for a specific area or application must be determined professionally using detailed calculations, which are based on several internal and external factors.

To further optimize the performance of your unit, be sure to do the following:

- Keep doors and windows closed.
- Limit energy usage by using TIMER ON and TIMER OFF functions.
- Do not block air inlets or outlets.
- Regularly inspect and clean air filters.

Maintenance of the Air Conditioner

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Periodic Maintenance Is Essential for The System!

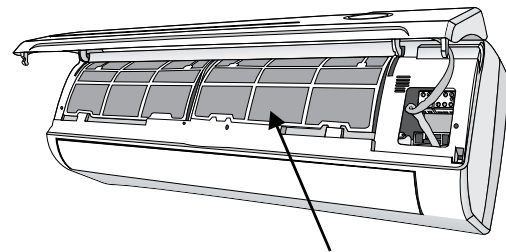
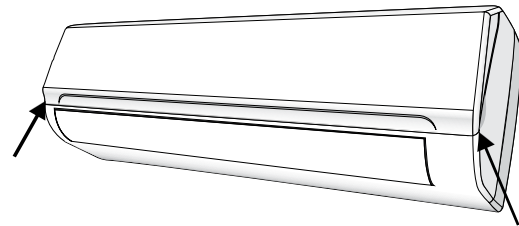
Maintaining the air conditioner will ensure that it stays efficient. Before carrying out any sort of maintenance, always ensure that the power supply to the system is turned off.

Indoor Unit

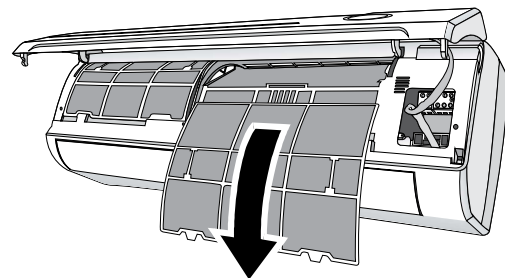
Anti-Dust Filters (Clean once every 2 weeks)

1. Open the front panel by pulling outward and upward at the indicated location.
2. Keep the front panel raised with one hand and take out the air filters with the other.
3. The filters are washable and should be cleaned with warm water (under 113°F).
4. Leave the filters to dry in a cool, dry place.
5. Keeping the front panel raised with one hand, insert the air filters with the other.
6. Close the front panel.

Any electrostatic or deodorizing filters, if installed, are not washable and should be replaced once every 6 months.



Anti-Dust Filter



Interior of the Indoor Air Handler

In addition to the filters, the interior of the indoor unit itself as well as the inner coil should be inspected every season. The front panel can be disconnected and removed from the top hinge where the pegs connect. This will allow for easier inspection of the interior and behind the air filters. The interior should be cleaned with damp cloth and neutral soaps. Do not use any sort of aggressive solvents or detergents. Only a soft cloth that is lightly damp should be used.

⚠ BEFORE CLEANING OR MAINTENANCE

ALWAYS TURN OFF YOUR AIR CONDITIONER SYSTEM AND DISCONNECT ITS POWER SUPPLY BEFORE PERFORMING CLEANING OR MAINTENANCE. DO NOT SPRAY WATER DIRECTLY NEAR THE INDOOR UNIT, AS IT CAN DAMAGE INSULATION AND ELECTRICAL COMPONENTS.