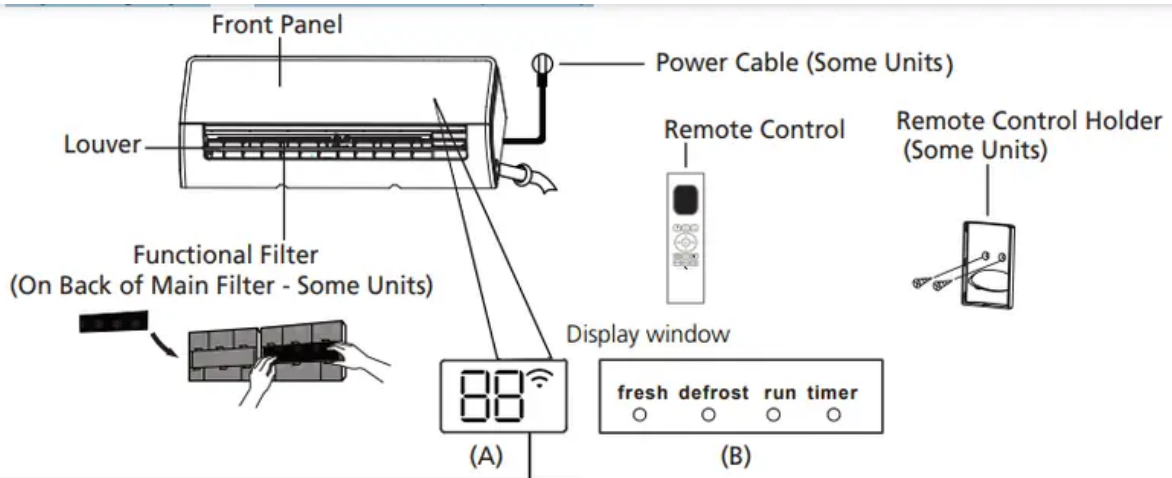


Unit Specifications and Features

Indoor unit display

- NOTE: Different models have different front panels and display windows. Not all the display codes describing below are available for the air conditioner you purchased. Please check the indoor display window of the unit you purchased.
- Illustrations in this manual are for explanatory purposes. The actual shape of your indoor unit may be slightly different. The actual shape shall prevail.



- "fresh" when Fresh feature is activated(some units)
- "defrost" when defrost feature is activated.
- "run" when the unit is on.
- "timer" when TIMER is set.
- "📶" when Wireless Control feature is activated(some units)
- "88" Displays temperature, operation feature and error codes:
- "01" for 3 seconds when:
 - TIMER ON is set (if the unit is OFF, "01" remains on when TIMER ON is set)
 - FRESH, SWING, TURBO, ECO, or SILENCE feature is turned on
 - "0F" for 3 seconds when:
 - TIMER OFF is set
 - FRESH, SWING, TURBO, ECO, or SILENCE feature is turned off
 - "dF" when defrosting
 - "FP" when 8°C heating feature is turned on(some units)
 - "CL" when Active Clean feature is turned on(For Inverter split type) when unit is self-cleaning(For Fixed-speed type)

Display Code Meanings

Operating temperature

- When your air conditioner is used outside of the following temperature ranges, certain safety protection features may activate and cause the unit to disable.

Inverter Split Type

	COOL mode	HEAT mode	DRY mode
Room Temperature	17°C - 32°C (62°F - 90°F)	0°C - 30°C (32°F - 86°F)	10°C - 32°C (50°F - 90°F)
Outdoor Temperature	0°C - 50°C (32°F - 122°F)	-15°C - 24°C (5°F - 75°F)	0°C - 50°C (32°F - 122°F)
	-15°C - 50°C (5°F - 122°F) (For models with low temp. cooling systems.)		
	0°C - 52°C (32°F - 126°F) (For special tropical models)		0°C - 52°C (32°F - 126°F) (For special tropical models)

FOR OUTDOOR UNITS WITH AUXILIARY ELECTRIC HEATER

When outside temperature is below 0°C (32°F), we strongly recommend keeping the unit plugged in at all time to ensure smooth ongoing performance.

Fixed-speed Type

	COOL mode	HEAT mode	DRY mode
Room Temperature	17°C-32°C (62°F-90°F)	0°C-30°C (32°F-86°F)	10°C-32°C (50°F-90°F)
Outdoor Temperature	18°C-43°C (64°F-109°F)	-7°C-24°C (19°F-75°F)	11°C-43°C (52°F-109°F)
	-7°C-43°C (19°F-109°F) (For models with low-temp cooling systems)		18°C-43°C (64°F-109°F)
	18°C-52°C (64°F-126°F) (For special tropical models)		18°C-52°C (64°F-126°F) (For special tropical models)

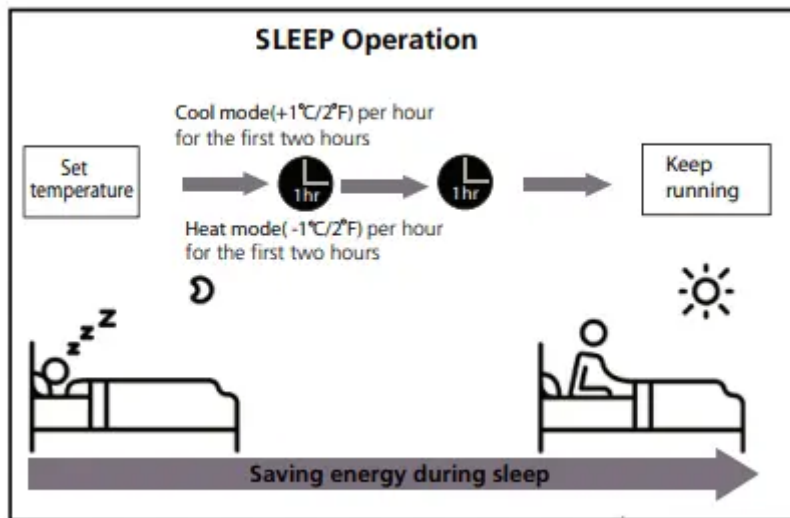
- NOTE: Room relative humidity less than 80%. If the air conditioner operates in excess of this figure, the surface of the air conditioner may attract condensation. Please sets the vertical air flow louver to its maximum angle (vertically to the floor), and set HIGH fan mode.
- To further optimize the performance of your unit, 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

- A guide on using the infrared remote is not included in this literature package. Not all the functions are available for the air conditioner, please check the indoor display and remote control of the unit you purchased.

Other Features

- Auto-Restart(some units): If the unit loses power, it will automatically restart with the prior settings once power has been restored.
- Anti-mildew (some units): When turning off the unit from COOL, AUTO (COOL), or DRY modes, the air conditioner will continue operate at very low power to dry up condensed water and prevent mildew growth.
- Wireless Control (some units):
 - Wireless control allows you to control your air conditioner using your mobile phone and a wireless connection.
 - For the USB device access, replacement, maintenance operations must be carried out by professional staff.
- Louver Angle Memory(some units): When turning on your unit, the louver will automatically resume its former angle.
- Active Clean function(some units)
 - The Active Clean Technology washes away dust, mold, and grease that may cause odors when it adheres to the heat exchanger by automatically freezing and then rapidly thawing the frost. A “pi-pi” sound will be heard. The Active clean operation is used to produce more condensed water to improve the cleaning effect, and the cold air will blow out. After cleaning, the internal wind wheel then keeps operating with hot air to blow-dry the evaporator, thus preventing the growth of mold and keeping the inside clean.
 - When this function is turned on, the indoor unit display window appears “CL ” , after 20 to 45 minutes, the unit will turn off automatically and cancel Active Clean function.
- Breeze Away (some units): This feature avoids direct air flow blowing on the body and make you feel indulging in silky coolness.
- Refrigerant Leakage Detection (some units): The indoor unit will automatically display “EL0C”or flash LEDS (model dependent) when it detects refrigerant leakage.
- Sleep Operation
 - The SLEEP function is used to decrease energy use while you sleep (and don’t need the same temperature settings to stay comfortable). This function can only be activated via remote control. And the Sleep function is not available in FAN or DRY mode.

- Press the SLEEP button when you are ready to go to sleep. When in COOL mode, the unit will increase the temperature by 1°C (2°F) after 1 hour, and will increase an additional 1°C (2°F) after another hour. When in HEAT mode, the unit will decrease the temperature by 1°C (2°F) after 1 hour, and will decrease an additional 1°C (2°F) after another hour.
- The sleep feature will stop after 8 hours and the system will keep running with final situation.



NOTE: For multi-split air conditioners, the following functions are not available: Active clean function, Silence feature, Breeze away function, Refrigerant leakage detection function and Eco feature.

Setting Angle of Air Flow

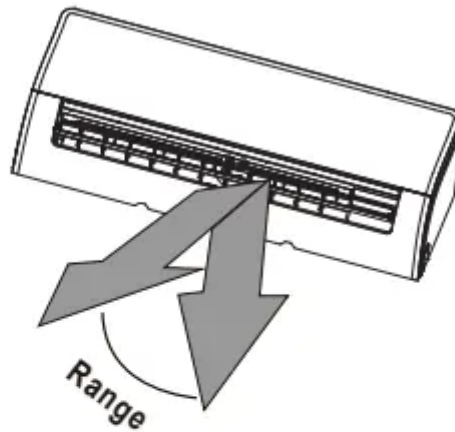
- Setting vertical angle of air flow: While the unit is on, use the SWING/DIRECT button on remote control to set the direction (vertical angle) of airflow. Please refer to the Remote Control Manual for details.
- NOTE ON LOUVER ANGLES:
 - When using COOL or DRY mode, do not set louver at too vertical an angle for long periods of time. This can cause water to condense on the louver blade, which will drop on your floor or furnishings.
 - When using COOL or HEAT mode, setting the louver at too vertical an angle can reduce the performance of the unit due to restricted air flow.
- Setting horizontal angle of air flow
 - The horizontal angle of the airflow must be set manually. Grip the deflector rod (See Fig.B) and manually adjust it to your preferred direction. For some units, the horizontal angle of the airflow can be set by remote control. please refer to the Remote Control Manual.

Manual Operation(without remote)

CAUTION: The manual button is intended for testing purposes and emergency operation only. Please do not use this function unless the remote control is lost and it is absolutely necessary. To restore regular operation, use the remote control to activate the unit. Unit must be turned off before manual operation.

To operate your unit manually:

1. Open the front panel of the indoor unit.
2. Locate the MANUAL CONTROL button on the right-hand side of the unit.
3. Press the MANUAL CONTROL button one time to activate FORCED AUTO mode.
4. Press the MANUAL CONTROL button again to activate FORCED COOLING mode.
5. Press the MANUAL CONTROL button a third time to turn the unit off.
6. Close the front panel.



NOTE: Do not move louver by hand. This will cause the louver to become out of sync. If this occurs, turn off the unit and unplug it for a few seconds, then restart the unit. This will reset the louver.

Fig. A

CAUTION: Do not put your fingers in or near the blower and suction side of the unit. The high-speed fan inside the unit may cause injury

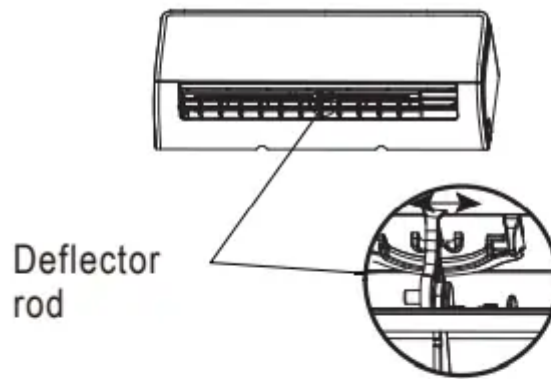
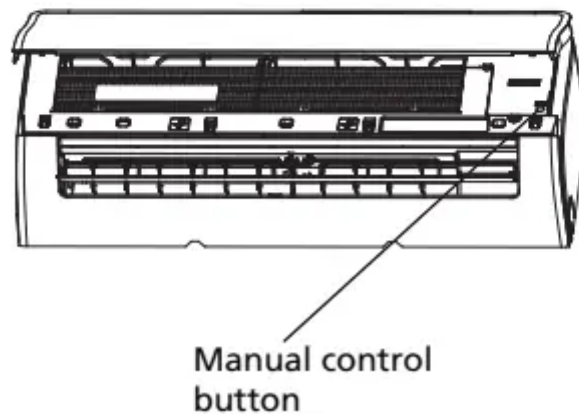


Fig. B



Care and Maintenance

Cleaning Your Indoor Unit

BEFORE CLEANING OR MAINTENANCE: ALWAYS TURN OFF YOUR AIR CONDITIONER SYSTEM AND DISCONNECT ITS POWER SUPPLY BEFORE CLEANING OR MAINTENANCE.

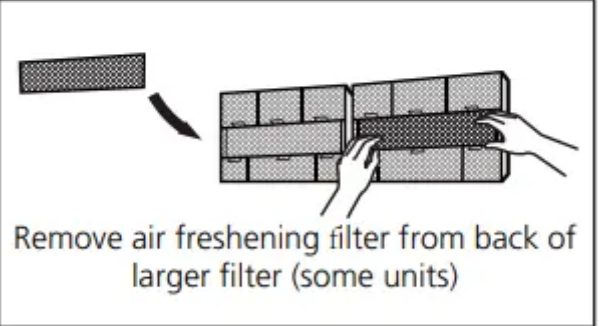
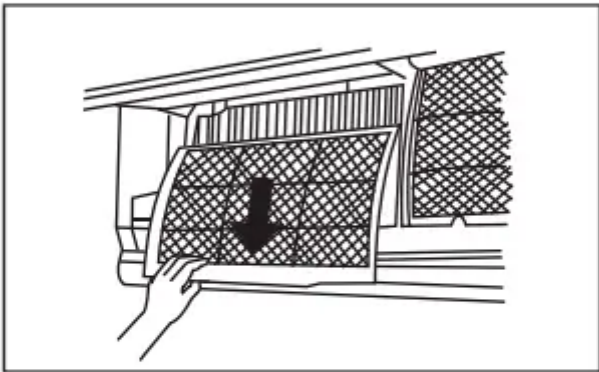
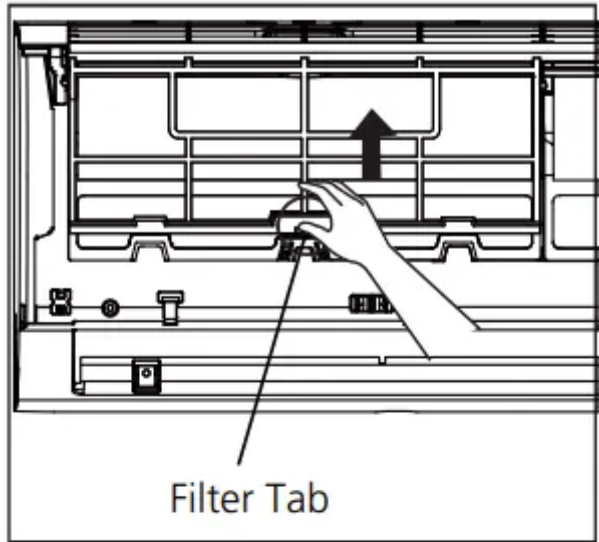
CAUTION: Only use a soft, dry cloth to wipe the unit clean. If the unit is especially dirty, you can use a cloth soaked in warm water to wipe it clean.

- Do not use chemicals or chemically treated cloths to clean the unit
- Do not use benzene, paint thinner, polishing powder or other solvents to clean the unit. They can cause the plastic surface to crack or deform.
- Do not use water hotter than 40°C (104°F) to clean the front panel. This can cause the panel to deform or become discolored.

Cleaning Your Air Filter

A clogged air conditioner can reduce the cooling efficiency of your unit, and can also be bad for your health. Make sure to clean the filter once every two weeks.

1. Lift the front panel of the indoor unit.
2. First press the tab on the end of filter to loosen the buckle, lift it up, then pull it towards yourself.
3. Now pull the filter out.
4. If your filter has a small air freshening filter, unclip it from the larger filter. Clean this air freshening filter with a hand-held vacuum.
5. Clean the large air filter with warm, soapy water. Be sure to use a mild detergent.
6. Rinse the filter with fresh water, then shake off excess water.
7. Dry it in a cool, dry place, and refrain from exposing it to direct sunlight.
8. When dry, re-clip the air freshening filter to the larger filter, then slide it back into the indoor unit.
9. Close the front panel of the indoor unit



CAUTION: Do not touch air freshening (Plasma) filter for at least 10 minutes after turning off the unit



CAUTION

- Before changing the filter or cleaning, turn off the unit and disconnect its power supply.
- When removing filter, do not touch metal parts in the unit. The sharp metal edges can cut you.
- Do not use water to clean the inside of the indoor unit. This can destroy insulation and cause electrical shock.
- Do not expose filter to direct sunlight when drying. This can shrink the filter.

Air Filter Reminders (Optional)

Air Filter Cleaning Reminder

- After 240 hours of use, the display window on the indoor unit will flash “CL.” This is a reminder to clean your filter. After 15 seconds, the unit will revert to its previous display.
- To reset the reminder, press the LED button on your remote control 4 times, or press the MANUAL CONTROL button 3 times. If you don't reset the reminder, the “CL” indicator will flash again when you restart the unit.

Air Filter Replacement Reminder

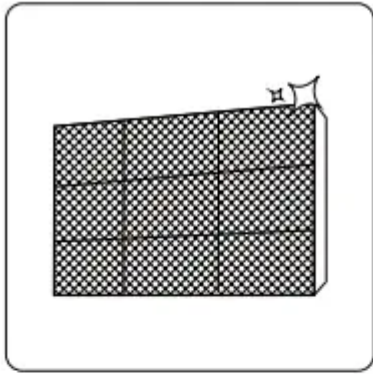
- After 2,880 hours of use, the display window on the indoor unit will flash “nF.” This is a reminder to replace your filter. After 15 seconds, the unit will revert to its previous display.
- To reset the reminder, press the LED button on your remote control 4 times, or press the MANUAL CONTROL button 3 times. If you don't reset the reminder, the “nF” indicator will flash again when you restart the unit.

CAUTION

- Any maintenance and cleaning of outdoor unit should be performed by an authorized dealer or a licensed service provider.
- Any unit repairs should be performed by an authorized dealer or a licensed service provider.

Maintenance – Long Periods of Non-Use

- If you plan not to use your air conditioner for an extended period of time, do the following:



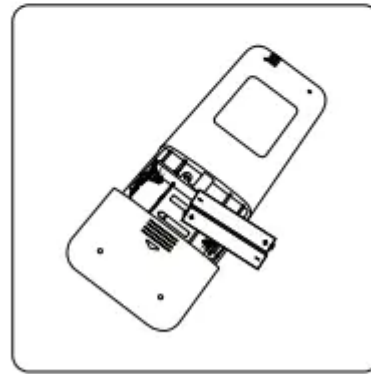
Clean all filters



Turn on FAN function until unit dries out completely



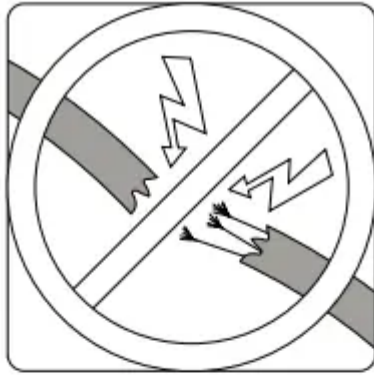
Turn off the unit and disconnect the power



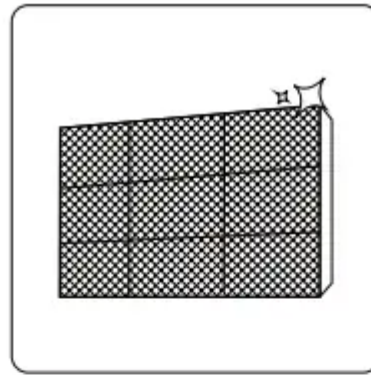
Remove batteries from remote control

Maintenance – Pre-Season Inspection

- After long periods of non-use, or before periods of frequent use, do the following:



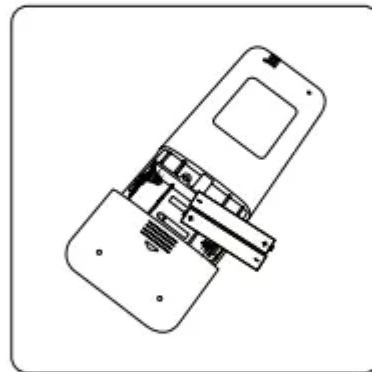
Check for damaged wires



Clean all filters



Check for leaks



Replace batteries



Make sure nothing is blocking all air inlets and outlets

Troubleshooting

SAFETY PRECAUTIONS: If ANY of the following conditions occurs, turn off your unit immediately!

- The power cord is damaged or abnormally warm
- You smell a burning odor
- The unit emits loud or abnormal sounds
- A power fuse blows or the circuit breaker frequently trips
- Water or other objects fall into or out of the unit

DO NOT ATTEMPT TO FIX THESE YOURSELF! CONTACT AN AUTHORIZED SERVICE PROVIDER IMMEDIATELY!

Common Issues

The following problems are not a malfunction and in most situations will not require repairs.

Issue	Possible Causes
Unit does not turn on when pressing ON/OFF button	The Unit has a 3-minute protection feature that prevents the unit from overloading. The unit cannot be restarted within three minutes of being turned off
The unit changes from COOL/HEAT mode to FAN mode	<p>The unit may change its setting to prevent frost from forming on the unit. Once the temperature increases, the unit will start operating in the previously selected mode again.</p> <p>The set temperature has been reached, at which point the unit turns off the compressor. The unit will continue operating when the temperature fluctuates again</p>
The indoor unit emits white mist	In humid regions, a large temperature difference between the room's air and the conditioned air can cause white mist.
Both the indoor and outdoor units emit white mist	When the unit restarts in HEAT mode after defrosting, white mist may be emitted due to moisture generated from the defrosting process.
The indoor unit makes noises	<p>A rushing air sound may occur when the louver resets its position.</p> <p>A squeaking sound may occur after running the unit in HEAT mode due to expansion and contraction of the unit's plastic parts.</p>
Both the indoor unit and outdoor unit make noises	<p>Low hissing sound during operation: This is normal and is caused by refrigerant gas flowing through both indoor and outdoor units.</p> <p>Low hissing sound when the system starts, has just stopped running, or is defrosting: This noise is normal and is caused by the refrigerant gas stopping or changing direction.</p> <p>Squeaking sound: Normal expansion and contraction of plastic and metal parts caused by temperature changes during operation can cause squeaking noises.</p>
The outdoor unit makes noises	The unit will make different sounds based on its current operating mode.
Dust is emitted from either the indoor or outdoor unit	The unit may accumulate dust during extended periods of non-use, which will be emitted when the unit is turned on. This can be mitigated by covering the unit during long periods of inactivity.



The unit emits a bad odor	<p>The unit may absorb odors from the environment (such as furniture, cooking, cigarettes, etc.) which will be emitted during operations.</p> <p>The unit's filters have become moldy and should be cleaned.</p>
The fan of the outdoor unit does not operate	During operation, the fan speed is controlled to optimize product operation
Operation is erratic, unpredictable, or unit is unresponsive	<p>Interference from cell phone towers and remote boosters may cause the unit to malfunction.</p> <p>In this case, try the following:</p> <ul style="list-style-type: none"> • Disconnect the power, then reconnect. • Press ON/OFF button on remote control to restart operation.

NOTE: If problem persists, contact a local dealer or your nearest customer service center. Provide them with a detailed description of the unit malfunction as well as your model number.

Troubleshooting

When troubles occur, please check the following points before contacting a repair company.

1. Poor Cooling Performance

Possible Causes	Solution
Temperature setting may be higher than ambient room temperature	Lower the temperature setting
The heat exchanger on the indoor or outdoor unit is dirty	Clean the affected heat exchanger
The air filter is dirty	Remove the filter and clean it according to instructions
The air inlet or outlet of either unit is blocked	Turn the unit off, remove the obstruction and turn it back on
Doors and windows are open	Make sure that all doors and windows are closed while operating the unit
Excessive heat is generated by sunlight	Close windows and curtains during periods of high heat or bright sunshine
Too many sources of heat in the room (people, computers, electronics, etc.)	Reduce amount of heat sources
Low refrigerant due to leak or long-term use	Check for leaks, re-seal if necessary and top off refrigerant
SILENCE function is activated (optional function)	SILENCE function can lower product performance by reducing operating frequency. Turn off SILENCE function.

2. The unit is not working

Possible Causes	Solution
Power failure	Wait for the power to be restored
The power is turned off	Turn on the power
The fuse is burned out	Replace the fuse
Remote control batteries are dead	Replace batteries
The Unit's 3-minute protection has been activated	Wait three minutes after restarting the unit
Timer is activated	Turn timer off

3. The unit starts and stops frequently

Possible Causes	Solution
There's too much or too little refrigerant in the system	Check for leaks and recharge the system with refrigerant.
Incompressible gas or moisture has entered the system.	Evacuate and recharge the system with refrigerant
The compressor is broken	Replace the compressor
The voltage is too high or too low	Install a manostat to regulate the voltage

4. Poor heating performance

Possible Causes	Solution
The outdoor temperature is extremely low	Use auxiliary heating device.
Cold air is entering through doors and windows	Make sure that all doors and windows are closed during use
Low refrigerant due to leak or long-term use	Check for leaks, re-seal if necessary and top off refrigerant

5. Indicator lamps continue flashing

Error code appears and begins with the letters as the following in the window display of indoor unit:

- E(x), P(x), F(x)
- EH(xx), EL(xx), EC(xx)
- PH(xx), PL(xx), PC(xx)

Solution

- The unit may stop operation or continue to run safely. If the indicator lamps continue to flash or error codes appear, wait for about 10 minutes. The problem may resolve itself.
- If not, disconnect the power, then connect it again. Turn the unit on. If the problem persists, disconnect the power and contact your nearest customer service center.

Warning

This content is compiled from multiple sources and is provided for reference purposes only. It may not be complete or fully applicable to all situations. If you are unable to resolve your issue, please contact the product manufacturer or an authorized service provider for official support.

