

■ 9 Troubleshooting

In general, possible trouble is classified in three kinds. One is called **Starting Failure** which is caused from an electrical defect, another is **ineffective Air Conditioning** caused by a defect in the refrigeration circuit and improper application, and the other is called the **Structure Damage**.

POSSIBLE CAUSES	Solution
UNIT DOES NOT START <ul style="list-style-type: none"> ● Unit may have become unplugged ● Fuse may have blown ● Circuit breaker may have been tripped ● Unit may be off ● Unit may be in a protection mode. 	<ul style="list-style-type: none"> ● Check that plug is plugged securely in wall receptacle. Note: Plug has a test/reset button on it. Make sure that the plug has not tripped. ● Replace the fuse. See Note 1. ● Reset circuit breaker. See Note 1. ● Turn unit on (bottom right button on keypad).
UNIT NOT COOLING/HEATING ROOM <ul style="list-style-type: none"> ● Unit air discharge section is blocked ● Temperature setting is not high or low enough. Note: Set point limits may not allow the unit to heat or cool the room to the temperature desired. Check section on dip switch settings. ● Unit air filters are dirty. ● Room is excessively hot or cold when unit is started. ● Vent door left open. ● Unit may be in a protection mode. ● Compressor is in time delay. 	<ul style="list-style-type: none"> ● Make sure that curtains, blinds or furniture are not restricting or blocking unit airflow. ● Reset to a lower or higher temperature setting. ● Remove and clean filters. ● Allow sufficient amount of time for unit to heat or cool the room. Start heating or cooling early before outdoor temperature, cooking heat or gatherings of people make room uncomfortable. ● Close vent door. ● Check dipswitch settings for desired comfort. ● Wait approximately 3 minutes for compressor to start.
DISPLAY HAS STRANGE NUMBERS/CHARACTERS ON IT	<ul style="list-style-type: none"> ● The unit may be in a protection mode. ● The unit may be set for °C (instead of °F).
UNIT MAKING NOISES	<ul style="list-style-type: none"> ● Clicking, gurgling and whooshing noises are normal during operation of unit.
WATER DRIPPING OUTSIDE	<ul style="list-style-type: none"> ● If a drain kit has not been installed, condensation runoff during very hot and humid weather is normal. See Note 2. If a drain kit has been installed and is connected to a drain system, check gaskets and fittings around drain for leaks and plugs.
WATER DRIPPING INSIDE <ul style="list-style-type: none"> ● Wall sleeve is not installed level 	<ul style="list-style-type: none"> ● Wall sleeve must be installed level for proper drainage of condensation. Check that installation is level and make any necessary adjustments.
ICE OR FROST FORMS ON INDOOR COIL <ul style="list-style-type: none"> ● Low outdoor temperature ● Dirty filters 	<ul style="list-style-type: none"> ● When outdoor temperature is approximately 55 °F or below, frost may form on the indoor coil when unit is in Cooling mode. Switch unit to FAN operation until ice or frost melts. ● Remove and clean filters.
COMPRESSOR PROTECTION <ul style="list-style-type: none"> ● Power may have cycled, so compressor is in a restart protection. 	<ul style="list-style-type: none"> ● Random Compressor restart-Whenever the unit is plugged in, or power has been restarted, a random compressor restart will occur. After a power outage, the compressor will restart after approximately 3 minutes. ● Compressor Protection-To prevent short cycling of the compressor, there is a random startup delay of 3 minutes and a minimum compressor run time of 3 minutes.
NOTES: <ol style="list-style-type: none"> 1. If circuit breaker is tripped or fuse is blown more than once, contact a qualified electrician. 2. If unit is installed where condensation drainage could drip in an undesirable location, an accessory drain kit should be installed and connected to drain system. 	