



Advent Air TROUBLE SHOOTING GUIDE

- 1. Unit does not run: no fan or compressor**
 - a. Is circuit breaker in RV tripped?
 - b. Is circuit breaker at power source tripped?
 - c. Is Main power cord plugged in
 - d. Make sure wire harness to upper unit is plugged in and locked proper

- 2. Fan operates, compressor won't come on**
 - a. Check thermostat settings
 - b. Check incoming voltage

- 3. Fan operates; compressor tries to start cycles off, hums**
 - a. Check incoming voltage while compressor is trying to run
 - b. Check for loose connections

- 4. Fan runs; compressor runs for a short period and cycles off**
 - a. Check voltage
 - b. Are there additional extension cords being used?
 - c. If extension cord is used, is it proper gage wire

- 5. Compressor runs; no fan; (cool or Heat mode)**
 - a. Remove outer shroud and see if fan motor will spin freely

- 6. Inside coil freezes up**
 - a. Inspect return filter and clean if necessary
 - b. Check for recirculation of discharge air

7. Poor heating or cooling with reduced air flow

- a. Inspect return air filter, clean if necessary
- b. Make sure air divider between return and supply has not come loose
- c. On a ducted system, inspect duct runs with flashlight and mirror for collapsed or a blocked duct run

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8. Poor cooling

- a. Inspect return air filter and evaporator coil, clean if needed
- b. Remove outer shroud and inspect condenser coil for debris on inside of coil

9. Excessive vibration with fan running

- a. Remove outer shroud and inspect fan blades for mud dauber or missing blade

10. Water leaks into RV when unit is off

- a. Inspect roof gasket thru return air vent for leak
- b. Check torque on mounting bolts
- c. Inspect roof for low spot at 14 X 14 opening

11. Water leaks into RV while unit is running

- a. Remove outer shroud and inspect condensation drain pan for restriction
- b. Remove return air filter and inspect evaporator for ice buildup
- c. Inspect freeze control on ducted unit for proper location in coil

12 Thermostat has no display on ducted units

- a. Check 12 volt fuses for blown fuse
- b. Check 12 volt wiring for loose connection at relay kit and to thermostat