**Troubleshooting Phoenix 200 MAX**

**No dehumidification, neither blower nor compressor run and power switch does not light when ON.**

1. Unit unplugged or no power to outlet.

2. Power switch defective

3. Loose connection in internal wiring

**No dehumidification, neither blower nor compressor run with power switch ON & lit.**

1. Low pressure control open

2. Power switch defective

3. Loose connection in internal wiring

**Unit is leaking water**

1. Drain hose is kinked, disconnected or damaged – inspect for kinks or damage and repair or replace as needed
2. Wiring connection to pump is loose or damaged – repair or replace wiring
3. Defrost tray is cracked or plugged – clean or replace as needed.
4. Pump reservoir is clogged or cracked – inspect and repair or replace as needed.
5. Pump is damaged or defective – repair or replace as needed.

**Some dehumidification, blower runs continuously but compressor only runs sporadically.**

1. Unit is in defrost cycle

2. Defrost thermostat defective or loose

3. Loose connection in compressor circuit

4. Defective compressor overload

5. Defective compressor

6. Defective relay

**No dehumidification, blower runs but compressor does not.**

1. Bad connection in compressor circuit

2. Pump safety switch closed

2. Defective compressor capacitor

3. Defective compressor overload

4. Defective compressor

5. Defective relay

**Blower does not run. Compressor runs briefly but cycles on & off**.

1. Loose connection in blower circuit

2. Obstruction prevents impeller rotation.

3. Defective blower

**Unit removes some water but not as much as expected.**

1. Air temperature and/or humidity have dropped.

2. Humidity meter and/or thermometer used are out of calibration.

3. Unit has entered defrost cycle

4. Air filter dirty

5. Defective defrost thermostat

6. Low refrigerant charge

7. Air leak such as loose front cover.

8. Defective compressor

9. Restrictive exhaust ducting

**Unit runs but does not pump water.**

1. Hose kinked or plugged.

2. Pump motor or float switch defective

3. Pump check valve plugged

4. Bad connection in pump circuit

5. Hose disconnected internally.

**Unit pumps water automatically but not when purge switch is pushed**.

1. Bad connection in purge switch circuit

2. Defective purge switch

**Evaporator coil frosted continuously, low dehumidifying capacity.**

1. Defrost thermostat loose or defective

2. Defrost timer defective

3. Low refrigerant charge

4. Dirty air filter or air flow restricted

**Compressor runs with power switch OFF.**

1. Defective relay

2. Defective power switch