These are some examples of common alarm codes.

Code 12: Overheat at overheating sensor.
The overheat portion of the HTS reads a heat exchanger temperature above 340 degrees. Check for airflow restrictions.

Code 20: Open glow pin circuit.
Check resistance of glow pin. Normal is 0.5 ohm. Replace open glow pin.

Code 48: Open fuel metering pump circuit.
The heater will not start with this alarm. Measure the resistance of the fuel pump and harness at the main harness plug. Normal is 10 ohms.

Code 50: Too many failed start attempts.
Heater has had three failed start attempts in a row.

Code 52: No start safety time exceeded.
Flame sensor in HTS has not closed within 90 seconds. Check fuel system, combustion intake and exhaust tubes for obstructions.

Code 62: Open circuit thermostat, potentiometer.
The temperature setpoint control used by the heater is a simulated digital potentiometer located on the TriPac Interface Board. It is connected to the Interface Board via the Gry/Red and Brn/Wht wires from the heater through the harness connector. Normal value is 1740 – 2180 ohms.

Code 64: Open circuit flame sensor.
The flame sensor portion of the HTS is open. Test and repair HTS circuit.