

New Error Codes

Applies to Models:

Toyotomi Toyostove Laser Heaters: L-300, L-301, L-302, L-530, L-531, L-532, L-560, L-730, L-731, L-732

1. E-0 Power failure (low voltage or unstable frequency) not power went out. Unit should restart after power outage.
2. E-2 No flame detected.
3. E-6 Loss of flame 2 times after pre-heat.
4. E-8 Combustion blower issue
5. E-12 tripped high limit.
6. E-13 Burner thermistor not reading the proper resistance.
7. E-22 ignition failure 3 times in a row and unit is in hard lock out.
8. E-23 primary flame rod.

What to look for

E-0 Power is either too high or too low. Is the hertz correct? Use a quality multi-meter that has the capability of testing frequency (Hz).

E-2. It is very similar to an EE-2. Look at fuel distribution, tank height, fullness, flame sensor, ignitor, fuel nozzle, fuel pump.

E-6 Is pretty much the same as the old EE-6, loss of flame 2 times in a row after preheating. With the new error code of E-12 it is not a tripped high limit. Usually, it is something in the distribution of the fuel, (kinked or frozen fuel lines, fuel filter plugged, inlet screen, needle seat in the sump, pump)

E-8 Motor stuck, burnt out, disconnected revolution sensor, corrosion on the bottom of the revolution sensor wire connections, MCB.

E-12 Tripped high limit. Over firing, plugged or dirty filter or fan surround, crud on the cutting edge of the fan blade, something going on with the circulation blower motor (bearings, windings, power from main circuit board.)

E-13 Disconnected burner thermistor wire, burner thermistor wire broken, faulty thermistor, MCB, too cold outside, bad flue.

E-22 Hard lock-out! E-2, 3 times in a row, unplug for 30 minutes, and refer to E-2.

E-23 Primary flame rod is dirty, sooted, disconnected.

WARNING

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