Error Code	Description
E- 0	Software Error.
E- 1	The temperature is increasing less than 12 degrees per hour during a ramp segment, where the temperature is programmed to increase. This slow rate must persist for 22.5 minutes before the error is displayed
E- 2	During a hold segment the temperature rises to greater than 50 degrees above the hold temperature which was set. The temperature must stay 50 degrees above this set temperature for 18 seconds before the error is displayed.
E- 3	During a hold segment the temperature is more than 50 degrees below the hold temperature which was set. The temperature must stay 50 degrees below this set temperature for 18 seconds before the error is displayed.
E- 4	The firing is in a ramp segment where the temperature is programmed to decrease and temperature is more than 50 degrees above the previous hold temperature. The temperature must remain 50 degrees about the hold temperature for 18 seconds before the error is displayed. E- 4 is the same as E- 2 except that E- 4 occurs during a ramp phase rather than a HOLD
E- 5	The temperature is more than 50 degrees below the local set-point temperature during a ramp segment where the temperature is programmed to decrease. The temperature must stay 50 degrees below this set temperature for 18 seconds before the error is displayed.
E- 6	A Negative temperature is displayed. This generally indicates the thermocouple is connected incorrectly. To correct this situation, ensure the red and yellow wires are connected correctly to the controller and at all junctions. You can identify the red lead on an unmarked thermocouple with a magnet because a magnet will be attracted to the red lead.

Causes	Correction
Caused by hardware or electrical noise, can be caused by electrical spikes, surges, or arcing across the relay	Recheck the selected program, and reprogram if necessary.
Worn or old heating elements Low voltage to the kiln A broken heating element or faulty relay Burned or broken wires to the elements or relays Electrical noise	Check elements. Check Relays Use VOLT Menu feature to check voltage.
Stuck relay.	If only one section (or relay) remains on then it is a stuck relay. Turn of breaker to shutoff power to the kiln.
Opening the door or lid of the kiln. Relay or element failed during firing.	Check relay. Check elements.
Stuck relay Skipped step feature	Check relay If E- 4 occurs when skipping a ramp phase, press a key to clear the error. Allow the kiln to cool to within 50 degrees of the next hold temperature. Restart kiln and skip steps until you get to the segment you want.
Open door or lid Bad elements Bad relay	Check elements. Check relay.
Using the kiln in temperatures below 0 degrees °F (17 degrees °C) Thermocouple (T/C) connected backwards, red and yellow leads reversed. Board has been damaged by static electricity or ESD (electro static discharge)	Check T/C to make sure it is connected properly. Do T/C bypass test, if temperature reading is still negative, the board has been damaged and needs service.

Error Codes	Descriptions
E- 8	When using the CONE FIRE MODE, the temperature is decreasing during the last ramp segment. If this a KilnSitter Kiln using a Wall Mount Controller, KilnSitter may have shut off the kiln
PF	Continuous PF in display.
Err P	A continuous Err P indicates a short term power outage has occured and the kiln has continued with the program.
Err-	The Err with a dash indicates there was a power loss to the controller while writing a program to the non-volatile memory chip.
E- E or E- t	A hardware error has been detected by the controller software.
E- d	The kiln or one of the zones in a zone control kiln, is more than 100°F (37°C) above the travelling set point.
E- A	Invalid Program variable
StUc	Key was held too long or was stuck
E- bd	Controller is reading a board temperature above 160 degrees. Firing has stopped.
E- H	Analog to Digital Converter did not pass the self – check diagnostic test on reset.
FAIL	Steady display all thermocouples (T/C's) have failed. If flashing thermocouples of a zone control kiln has failed.

Causes	Correction
Faulty relay Broken Element KilnSitter Shut-off kiln	Check relay. Check Elements Check Cone used in KilnSitter
Indicates a long-term power outage The kiln has been shut down.	Press **1** to clear the display and restart the kiln.
Power Outage Power Surge	Press **1** to clear the display If firing was in progress, it will continue.
Power loss	Recheck the selected program, and reprogram if necessary.
Hardware error	The controller must be returned for service.
Stuck relay	Check relay
	Reprogram if problem persists have board sent in for service
	If problem persists after releasing key have keypad replaced
Room temperature is too hot..	Lower room temperature below 100°F (37°C)
	Board will need to be serviced
	Change T/C