

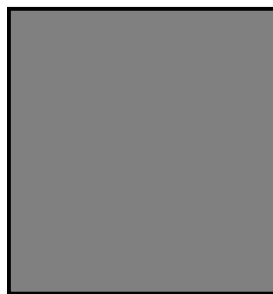
# SEE CONTROL PANEL WIRING DIAGRAM FOR WIRING CONNECTIONS TO KILN ZONE RECEPTACLES

| 1 Phase Electrical Specs |                 |      |      |
|--------------------------|-----------------|------|------|
| Voltage                  | 208 / 1 / 50-60 |      |      |
| Watts                    | 19,510          |      |      |
| Full Load Amps           | L1              | L2   |      |
|                          | 93.8            | 93.8 |      |
| Power Supply             | Fuse            |      | Wire |
|                          | 125A            |      | 1AWG |

| 1 Phase Electrical Specs |                 |      |      |
|--------------------------|-----------------|------|------|
| Voltage                  | 220 / 1 / 50-60 |      |      |
| Watts                    | 19,510          |      |      |
| Full Load Amps           | L1              | L2   |      |
|                          | 88.7            | 88.7 |      |
| Power Supply             | Fuse            |      | Wire |
|                          | 125A            |      | 2AWG |

| 1 Phase Electrical Specs |                 |      |      |  |
|--------------------------|-----------------|------|------|--|
| Voltage                  | 240 / 1 / 50-60 |      |      |  |
| Watts                    | 19,510          |      |      |  |
| Full Load Amps           | L1              | L2   |      |  |
|                          | 81.3            | 81.3 |      |  |
| Power Supply             | Fuse            |      | Wire |  |
|                          | 110A            |      | 2AWG |  |

| 3 Phase Electrical Specs |                 |      |      |  |
|--------------------------|-----------------|------|------|--|
| Voltage                  | 208 / 3 / 50-60 |      |      |  |
| Watts                    | 19,510          |      |      |  |
| Full Load Amps           | L1              | L2   | L3   |  |
|                          | 54.2            | 54.2 | 54.2 |  |
| Power Supply             | Fuse            | Wire |      |  |
|                          | 70A             | 4AWG |      |  |



| 3 Phase Electrical Specs |                 |      |      |  |
|--------------------------|-----------------|------|------|--|
| Voltage                  | 240 / 3 / 50-60 |      |      |  |
| Watts                    | 19,510          |      |      |  |
| Full Load Amps           | L1              | L2   | L3   |  |
|                          | 46.9            | 46.9 | 46.9 |  |
| Power Supply             | Fuse            | Wire |      |  |
|                          | 60A             | 6AWG |      |  |

| 3 Phase Wye Electrical Specs |                   |      |      |  |
|------------------------------|-------------------|------|------|--|
| Voltage                      | 380 / 3-Y / 50-60 |      |      |  |
| Watts                        | 19,510            |      |      |  |
| Full Load Amps               | L1                | L2   | L3   |  |
|                              | 29.6              | 29.6 | 29.6 |  |
| Power Supply                 | Fuse              | Wire |      |  |
|                              | 40A               | 8AWG |      |  |

| 3 Phase Wye Electrical Specs |                   |      |      |  |
|------------------------------|-------------------|------|------|--|
| Voltage                      | 400 / 3-Y / 50-60 |      |      |  |
| Watts                        | 19,510            |      |      |  |
| Full Load Amps               | L1                | L2   | L3   |  |
|                              | 28.3              | 28.3 | 28.3 |  |
| Power Supply                 | Fuse              | Wire |      |  |
|                              | 40A               | 8AWG |      |  |

| 3 Phase Wye Electrical Specs |                   |       |      |  |
|------------------------------|-------------------|-------|------|--|
| Voltage                      | 415 / 3-Y / 50-60 |       |      |  |
| Watts                        | 19,510            |       |      |  |
| Full Load Amps               | L1                | L2    | L3   |  |
|                              | 27.1              | 27.1  | 27.1 |  |
| Power Supply                 | Fuse              | Wire  |      |  |
|                              | 40A               | 10AWG |      |  |

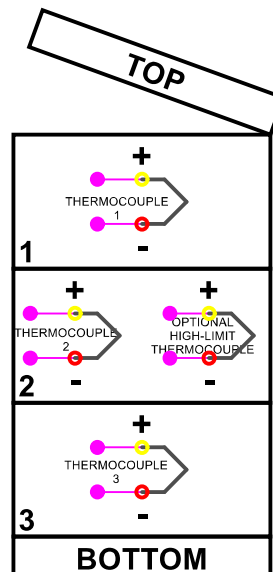
## Associated Control Panels

| Model   | T2327 | T2327-3P | T2327-3PY |  |  |  |
|---------|-------|----------|-----------|--|--|--|
| Type    |       |          |           |  |  |  |
| Diagram |       |          |           |  |  |  |

Industrial & commercial applications may require the installation of a LOCKOUT/TAGOUT device to prevent the kiln from operating during maintenance.

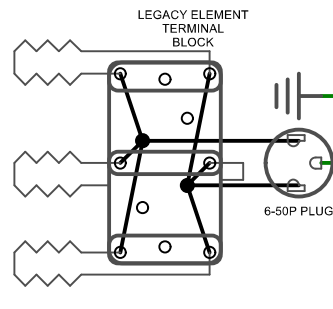
This kiln is recommended to be wired & connected to an approved U. L. & NEC configured receptacle controlled with a disconnect switch and properly fused according to the kW load specification listed on the kiln nameplate. L&L Kiln Mfg., Inc., also recommends fuses rather than circuit breakers to prevent nuisance tripping.

## THERMOCOUPLE LOCATIONS



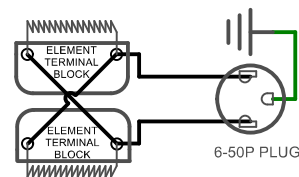
## ELEMENT CONNECTIONS

### LEGACY DESIGN



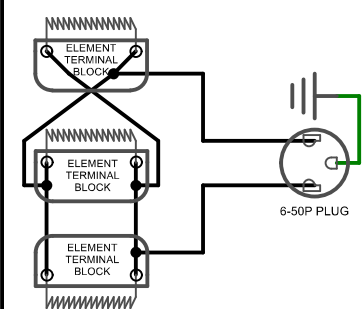
### KILN SECTIONS

#### QUAD



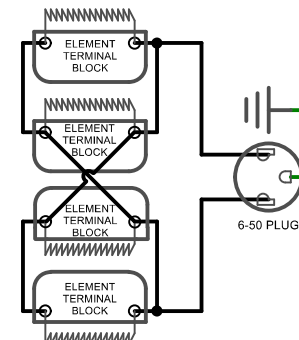
### KILN SECTIONS

### CURRENT DESIGN



### KILN SECTIONS

#### 4X-QUAD



### KILN SECTIONS



**CAUTION: DO NOT PLUG  
KILN SECTIONS DIRECTLY  
TO LINE VOLTAGE**

### T2327 Kiln Diagram



505 Sharptown Road  
Swedesboro NJ 08085  
service@hotkilns.com  
(856)-294-0077

Drawn by: JS

K0011