

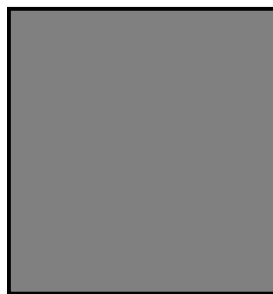
# SEE CONTROL PANEL WIRING DIAGRAM FOR WIRING CONNECTIONS TO KILN ZONE RECEPTACLES

| 1 Phase Electrical Specs |                 |        |  |
|--------------------------|-----------------|--------|--|
| Voltage                  | 208 / 1 / 50-60 |        |  |
| Watts                    | 32,515          |        |  |
| Full Load Amps           | L1              | L2     |  |
|                          | 156.3           | 156.3  |  |
| Power Supply             | Fuse            | Wire   |  |
|                          | 200A            | 3/0AWG |  |

| 1 Phase Electrical Specs |                 |        |  |
|--------------------------|-----------------|--------|--|
| Voltage                  | 220 / 1 / 50-60 |        |  |
| Watts                    | 32,515          |        |  |
| Full Load Amps           | L1              | L2     |  |
|                          | 147.8           | 147.8  |  |
| Power Supply             | Fuse            | Wire   |  |
|                          | 200A            | 3/0AWG |  |

| 1 Phase Electrical Specs |                 |        |  |
|--------------------------|-----------------|--------|--|
| Voltage                  | 240 / 1 / 50-60 |        |  |
| Watts                    | 32,515          |        |  |
| Full Load Amps           | L1              | L2     |  |
|                          | 135.5           | 135.5  |  |
| Power Supply             | Fuse            | Wire   |  |
|                          | 175A            | 2/0AWG |  |

| 3 Phase Electrical Specs |                 |        |       |
|--------------------------|-----------------|--------|-------|
| Voltage                  | 208 / 3 / 50-60 |        |       |
| Watts                    | 32,515          |        |       |
| Full Load Amps           | L1              | L2     | L3    |
|                          | 108.3           | 108.3  | 108.3 |
| Power Supply             | Fuse            | Wire   |       |
|                          | 150A            | 1/0AWG |       |



| 3 Phase Electrical Specs |                 |      |      |
|--------------------------|-----------------|------|------|
| Voltage                  | 240 / 3 / 50-60 |      |      |
| Watts                    | 32,515          |      |      |
| Full Load Amps           | L1              | L2   | L3   |
|                          | 93.9            | 93.9 | 93.9 |
| Power Supply             | Fuse            | Wire |      |
|                          | 125A            | 1AWG |      |

| 3 Phase Wye Electrical Specs |                   |      |      |
|------------------------------|-------------------|------|------|
| Voltage                      | 380 / 3-Y / 50-60 |      |      |
| Watts                        | 32,515            |      |      |
| Full Load Amps               | L1                | L2   | L3   |
|                              | 34.2              | 34.2 | 34.2 |
| Power Supply                 | Fuse              | Wire |      |
|                              | 50A               | 8AWG |      |

| 3 Phase Wye Electrical Specs |                   |      |      |
|------------------------------|-------------------|------|------|
| Voltage                      | 400 / 3-Y / 50-60 |      |      |
| Watts                        | 32,515            |      |      |
| Full Load Amps               | L1                | L2   | L3   |
|                              | 32.5              | 32.5 | 32.5 |
| Power Supply                 | Fuse              | Wire |      |
|                              | 50A               | 8AWG |      |

| 3 Phase Wye Electrical Specs |                   |      |      |
|------------------------------|-------------------|------|------|
| Voltage                      | 415 / 3-Y / 50-60 |      |      |
| Watts                        | 32,515            |      |      |
| Full Load Amps               | L1                | L2   | L3   |
|                              | 31.3              | 31.3 | 31.3 |
| Power Supply                 | Fuse              | Wire |      |
|                              | 40A               | 8AWG |      |

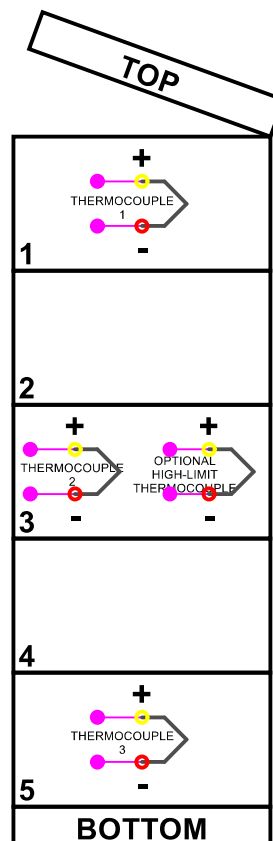
## Associated Control Panels

| Model   | T2345 | T2345-3P | T2345-3PY |  |  |  |
|---------|-------|----------|-----------|--|--|--|
| Type    |       |          |           |  |  |  |
| Diagram |       |          |           |  |  |  |

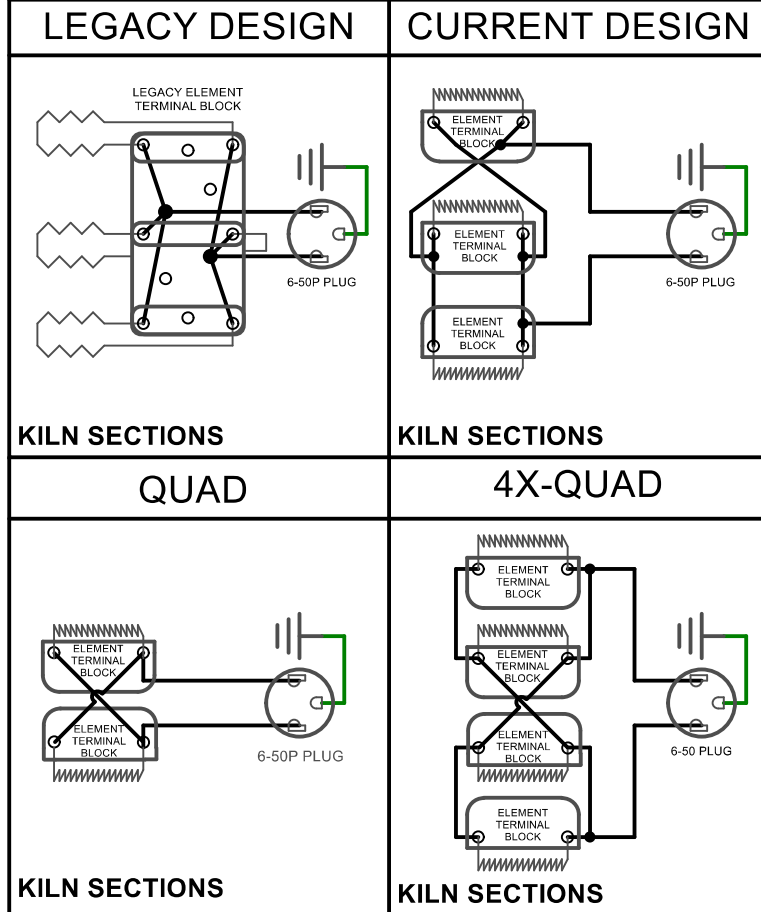
Industrial & commercial applications may require the installation of a LOCKOUT/TAGOUT device to prevent the kiln from operating during maintenance.

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



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

### T2345 Kiln Diagram



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

Drawn by: JS

K0013