

SINGLE PHASE MODELS:

| MODELS J230V & JD230V | |
|------------------------|---------------------------------|
| VOLTAGE | 208 / 1 / 50-60 |
| KW | 9.14 |
| FULL LOAD AMPS | L1 L2 L3 44.0 44.0 X |
| POWER SUPPLY | FUSE WIRE 60A 6 AWG |
| ELEMENTS (E-J-2300/2V) | QTY OHMS 6 6.83 |
| VOLTAGE | 220 / 1 / 50-60 |
| KW | 9.68 |
| FULL LOAD AMPS | L1 L2 L3 44.0 44.0 X |
| POWER SUPPLY | FUSE WIRE 60A 6 AWG |
| ELEMENTS (E-J-2300/4V) | QTY OHMS 6 7.23 |
| VOLTAGE | 240 / 1 / 50-60 |
| KW | 10.55 |
| FULL LOAD AMPS | L1 L2 L3 44.0 44.0 X |
| POWER SUPPLY | FUSE WIRE 60A 6 AWG |
| ELEMENTS (E-J-2300/3V) | QTY OHMS 6 7.88 |

THREE PHASE MODELS:

| MODELS J230V & JD230V | |
|------------------------|------------------------------------|
| VOLTAGE | 208 / 3 / 50-60 |
| KW | 9.14 |
| FULL LOAD AMPS | L1 L2 L3 25.4 25.4 25.4 |
| POWER SUPPLY | FUSE WIRE 40A 8 AWG |
| ELEMENTS (E-J-2300/2V) | QTY OHMS 6 6.83 |
| VOLTAGE | 220 / 3 / 50-60 |
| KW | 9.68 |
| FULL LOAD AMPS | L1 L2 L3 25.4 25.4 25.4 |
| POWER SUPPLY | FUSE WIRE 40A 8 AWG |
| ELEMENTS (E-J-2300/4V) | QTY OHMS 6 7.23 |
| VOLTAGE | 240 / 3 / 50-60 |
| KW | 10.55 |
| FULL LOAD AMPS | L1 L2 L3 25.4 25.4 25.4 |
| POWER SUPPLY | FUSE WIRE 40A 8 AWG |
| ELEMENTS (E-J-2300/3V) | QTY OHMS 6 7.88 |

1 PHASE CONTROL PANELS:

| MODEL | (AUTO/MANUAL) | WIRING DIAGRAM |
|--------|---------------|----------------|
| J230V | (MANUAL) | K262-101 |
| JD230V | (AUTO) | K262-151 |

3 PHASE CONTROL PANELS:

| MODEL | (AUTO/MANUAL) | WIRING DIAGRAM |
|--------|---------------|----------------|
| J230V | (MANUAL) | K262-102 |
| JD230V | (AUTO) | K262-152 |



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

NOTES:

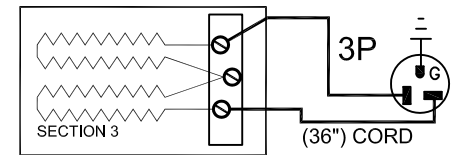
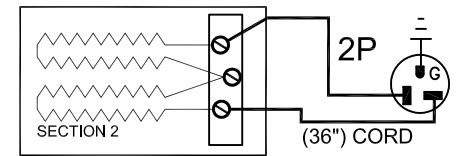
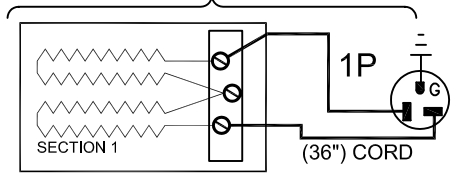
Industrial & commercial applications may require the installation of a LOCKOUT/TAGOUT device to prevent the Kiln from operating during maintenance.

This Kiln is recommended to be wired & connected to an approved U. L. & NEC configured 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.

ELECTRICAL PARTS LIST

| SYMBOL | QTY | DESCRIPTION | CUSTOMER PART NO. |
|--------|-----|----------------------|-------------------|
| P | 3 | 36" PLUGS NEMA 6-20P | L-JC36/00 |
| . | . | . | . |
| . | . | . | . |

KILN ASSEMBLY



SECTIONS CONTROLLED BY EACH OF THE 'DYNA-TROL' OUTPUTS:
OUTPUT #1 (TOP)
OUTPUT #2 (CENTER)
OUTPUT #3 (BOTTOM)

Output Numbers refer to Dyna-Trol Outputs on Automatic Kilns only.



CAUTION: DO NOT PLUG KILN SECTIONS DIRECTLY TO LINE VOLTAGE

| | | |
|------|----------|---|
| REV# | DATE | REVISION DESCRIPTION |
| A | 6/15/09 | REPLACED UL MARK WITH MET CERTIFIED MARK & ADDED NEW LOGO |
| 0 | 10/18/04 | FIRST ISSUE |

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TITLE: **JUPITER KILN WIRING DIAGRAM
MODEL J230V and JD230V
FOR LARGE HEAVY-DUTY SERIES ELEMENTS
1 or 3 PHASE KILN ASSEMBLY
3 SECTIONS, No Power Bottom**

| | | | |
|-----------|------------------------|-----------|----------------|
| DRAWN BY | G.D.L. | REV. CODE | DRAWING NO. |
| DATE | 10/18/04 | SCALE | 1 = 8 |
| CHK | G.D.L. | APP | A |
| JOB NO. | | SER NO. | |
| FILE NAME | L:\E\LLKILN\WIRING\KLN | MADE FROM | IK037-120.dwg |
| | | | SH. NO. 1 OF 1 |
| | | | MADE FROM |
| | | | IK037-110 |