

SINGLE PHASE MODELS:

| MODELS TB3418-PB & TB3418-D-PB | | |
|--------------------------------|-------------------|--|
| VOLTAGE | 208 / 1 / 50-60 | |
| KW | 26.6 | |
| FULL LOAD AMPS | L1 L2 L3 | |
| | 127.8 127.8 X | |
| POWER SUPPLY | FUSE WIRE | |
| | 150A 2/0 AWG | |
| ELEMENTS (E-T-34B0/20) | QTY OHMS | |
| | 8 13.0 | |
| VOLTAGE | 220 / 1 / 50-60 | |
| KW | 26.6 | |
| FULL LOAD AMPS | L1 L2 L3 | |
| | 120.8 120.8 X | |
| POWER SUPPLY | FUSE WIRE | |
| | 150A 2/0 AWG | |
| ELEMENTS (E-T-34B0/40) | QTY OHMS | |
| | 8 14.6 | |
| VOLTAGE | 240 / 1 / 50-60 | |
| KW | 26.6 | |
| FULL LOAD AMPS | L1 L2 L3 | |
| | 110.8 110.8 X | |
| POWER SUPPLY | FUSE WIRE | |
| | 150A 2/0 AWG | |
| ELEMENTS (E-T-34B0/30) | QTY OHMS | |
| | 8 17.3 | |

THREE PHASE MODELS:

| MODELS TB3418-PB & TB3418-D-PB | | |
|--------------------------------|--------------------|--|
| VOLTAGE | 208 / 3 / 50-60 | |
| KW | 26.6 | |
| FULL LOAD AMPS | L1 L2 L3 | |
| | 69.2 83.0 69.2 | |
| POWER SUPPLY | FUSE WIRE | |
| | 125A 1/0 AWG | |
| ELEMENTS (E-T-34B0/20) | QTY OHMS | |
| | 8 13.0 | |
| VOLTAGE | 220 / 3 / 50-60 | |
| KW | 26.6 | |
| FULL LOAD AMPS | L1 L2 L3 | |
| | 65.4 78.5 65.4 | |
| POWER SUPPLY | FUSE WIRE | |
| | 100A 1 AWG | |
| ELEMENTS (E-T-34B0/40) | QTY OHMS | |
| | 8 14.6 | |
| VOLTAGE | 240 / 3 / 50-60 | |
| KW | 26.6 | |
| FULL LOAD AMPS | L1 L2 L3 | |
| | 60.0 71.9 60.0 | |
| POWER SUPPLY | FUSE WIRE | |
| | 90A 2 AWG | |
| ELEMENTS (E-T-34B0/30) | QTY OHMS | |
| | 8 17.3 | |

1 PHASE CONTROL PANELS:

| MODEL | (AUTO/MANUAL) | WIRING DIAGRAM |
|-------------|---------------|----------------|
| TB3418-PB | (MANUAL) | K265-101 |
| TB3418-D-PB | (AUTO) | K265-151 |

3 PHASE CONTROL PANELS:

| MODEL | (AUTO/MANUAL) | WIRING DIAGRAM |
|-------------|---------------|----------------|
| TB3418-PB | (MANUAL) | K265-102 |
| TB3418-D-PB | (AUTO) | K265-152 |



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.

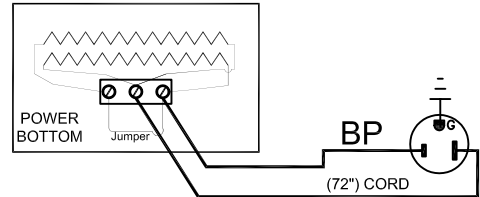
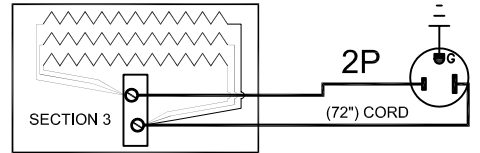
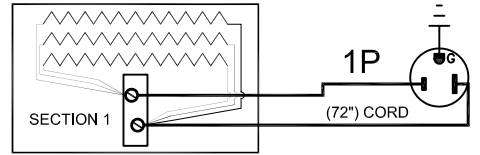
This Kiln is recommended to be wired & connected to an approved U. L. & NEC configured disconnect switch and properly fused according to the KW load specification listed on the Kiln Nameplate. L&L Kiln Mfg., Inc., also recommends fuses rather than circuit breakers to prevent nuisance tripping.

ELECTRICAL PARTS LIST

| SYMBOL | QTY | DESCRIPTION | CUSTOMER PART NO. |
|--------|-----|----------------------|-------------------|
| P | 3 | 72" PLUGS NEMA 6-50P | L-G-PC50/72 |
| | | | |
| | | | |

KILN ASSEMBLY

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



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 | 6/29/09 | REPLACED UL MARK WITH MET CERTIFIED MARK & ADDED NEW LOGO |
| 0 | 9/25/02 | MISC CHANGES FOR RELEASE |

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TITLE **DaVINCI KILN WIRING DIAGRAM**
MODELS TB3418-PB & TB3418-D-PB
1 or 3 PHASE KILN ASSEMBLY
2 SECTIONS, With Power Bottom

| | | |
|--|--------------------|-----------------------------|
| DRAWN BY G.W.L. | REV. CODE A | DRAWING NO. K138-111 |
| DATE 1/11/01 | SCALE 1 = 8 | |
| CHK G.D.L. | APP | |
| JOB NO | SER NO | SHEET NO. OF |
| FILE NAME L:\EVL\KILN\WIRDGKLN\K138-111.dwg | MADE FROM | DAVINCNK105-102.dwg |