

**SINGLE PHASE MODELS:**

MODELS TB3418 & TB3418-D	
VOLTAGE	208 / 1 / 50-60
KW	19.9
FULL LOAD AMPS	L1   L2   L3 95.8   95.8   X
POWER SUPPLY	FUSE   WIRE 125A   1/0 AWG
ELEMENTS (E-T-34B0/20)	QTY   OHMS 6   13.0
VOLTAGE	220 / 1 / 50-60
KW	19.9
FULL LOAD AMPS	L1   L2   L3 90.6   90.6   X
POWER SUPPLY	FUSE   WIRE 125A   1/0 AWG
ELEMENTS (E-T-34B0/40)	QTY   OHMS 6   14.6
VOLTAGE	240 / 1 / 50-60
KW	19.9
FULL LOAD AMPS	L1   L2   L3 83.1   83.1   X
POWER SUPPLY	FUSE   WIRE 100A   1 AWG
ELEMENTS (E-T-34B0/30)	QTY   OHMS 6   17.3

**THREE PHASE MODELS:**

MODELS TB3418 & TB3418-D	
VOLTAGE	208 / 3 / 50-60
KW	19.9
FULL LOAD AMPS	L1   L2   L3 47.9   83.0   47.9
POWER SUPPLY	FUSE   WIRE 100A   1 AWG
ELEMENTS (E-T-34B0/20)	QTY   OHMS 6   13.0
VOLTAGE	220 / 3 / 50-60
KW	19.9
FULL LOAD AMPS	L1   L2   L3 45.3   78.5   45.3
POWER SUPPLY	FUSE   WIRE 100A   1 AWG
ELEMENTS (E-T-34B0/40)	QTY   OHMS 6   14.6
VOLTAGE	240 / 3 / 50-60
KW	19.9
FULL LOAD AMPS	L1   L2   L3 41.5   71.9   41.5
POWER SUPPLY	FUSE   WIRE 90A   2 AWG
ELEMENTS (E-T-34B0/30)	QTY   OHMS 6   17.3

**1 PHASE CONTROL PANELS:**

**3 PHASE CONTROL PANELS:**

MODEL	(AUTO/MANUAL)	WIRING DIAGRAM	MODEL	(AUTO/MANUAL)	WIRING DIAGRAM
TB3418	(MANUAL)	K264-101	TB3418	(MANUAL)	K264-102
TB3418-D	(AUTO)	K264-151	TB3418-D	(AUTO)	K264-152



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

**NOTES:**

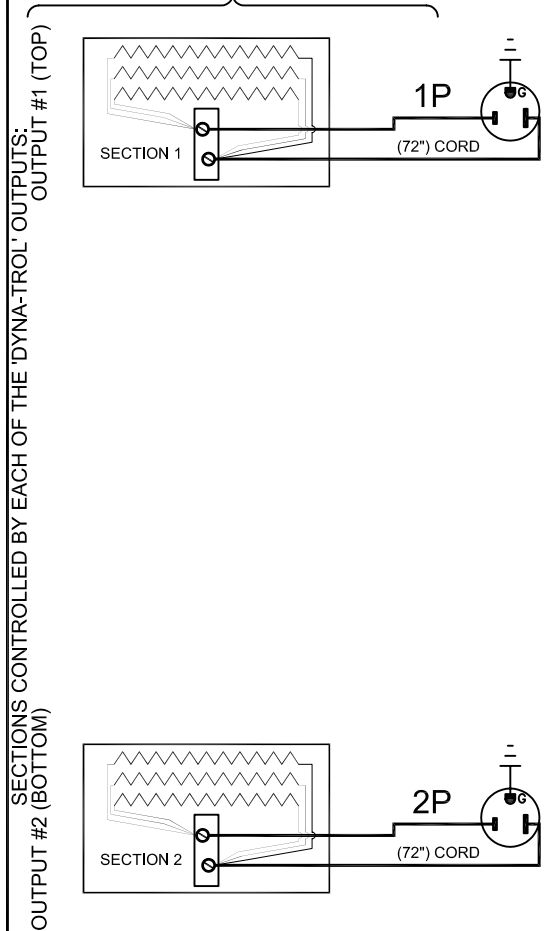
Industrial & commercial applications may require the installation of a LOCKOUT/TAGOUT device to prevent the Kiln from operating during maintenance.

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	2	72" PLUGS NEMA 6-50P	L-G-PC50/72

**KILN ASSEMBLY**



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

**L Kilns**  
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TITLE **DaVINCI KILN WIRING DIAGRAM**  
**MODELS TB3418 & TB3418-D**  
**1 or 3 PHASE KILN ASSEMBLY**  
**2 SECTIONS, No Power Bottom**

DRAWN BY <b>G.W.L.</b>	REV. CODE <b>A</b>	DRAWING NO. <b>K138-110</b>
DATE <b>1/11/01</b>	SCALE <b>1 = 8</b>	
CHK <b>G.D.L.</b>	APP	
JOB NO	SER NO	SHEET NO.   OF
FILE NAME <b>L:\EVL\KILN\WIRING\DKLN</b>	MADE FROM	DAVINCNK105-101.dwg