

**SINGLE PHASE MODELS:**

MODELS TB2318-PB & TB2318-D-PB	
VOLTAGE	208 / 1 / 50-60
KW	20.5
FULL LOAD AMPS	L1   L2   L3 98.3   98.3   X
POWER SUPPLY	FUSE   WIRE 125A   1/0 AWG
ELEMENTS (E-T-23B0/20)	QTY   OHMS 8   16.9
VOLTAGE	220 / 1 / 50-60
KW	20.5
FULL LOAD AMPS	L1   L2   L3 93.0   93.0   X
POWER SUPPLY	FUSE   WIRE 125A   1/0 AWG
ELEMENTS (E-T-23B0/40)	QTY   OHMS 8   18.9
VOLTAGE	240 / 1 / 50-60
KW	20.5
FULL LOAD AMPS	L1   L2   L3 85.2   85.2   X
POWER SUPPLY	FUSE   WIRE 100A   1 AWG
ELEMENTS (E-T-23B0/30)	QTY   OHMS 8   22.5

**THREE PHASE MODELS:**

MODELS TB2318-PB & TB2318-D-PB	
VOLTAGE	208 / 3 / 50-60
KW	20.5
FULL LOAD AMPS	L1   L2   L3 53.2   63.9   53.2
POWER SUPPLY	FUSE   WIRE 80A   3 AWG
ELEMENTS (E-T-23B0/20)	QTY   OHMS 8   16.9
VOLTAGE	220 / 3 / 50-60
KW	20.5
FULL LOAD AMPS	L1   L2   L3 50.3   60.4   50.3
POWER SUPPLY	FUSE   WIRE 80A   3 AWG
ELEMENTS (E-T-23B0/40)	QTY   OHMS 8   18.9
VOLTAGE	240 / 3 / 50-60
KW	20.5
FULL LOAD AMPS	L1   L2   L3 46.1   55.4   46.1
POWER SUPPLY	FUSE   WIRE 70A   4 AWG
ELEMENTS (E-T-23B0/30)	QTY   OHMS 8   22.5

**1 PHASE CONTROL PANELS:**

MODEL	(AUTO/MANUAL)	WIRING DIAGRAM
TB2318-PB	(MANUAL)	K265-101
TB2318-D-PB	(AUTO)	K265-151

**3 PHASE CONTROL PANELS:**

MODEL	(AUTO/MANUAL)	WIRING DIAGRAM
TB2318-PB	(MANUAL)	K265-102
TB2318-D-PB	(AUTO)	K265-152



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

**NOTES:**

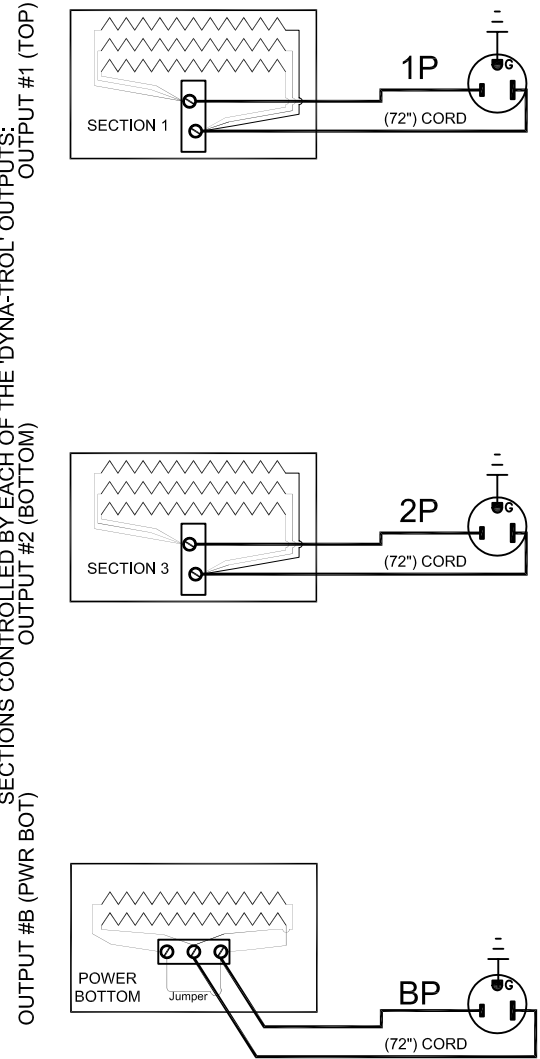
Industrial & commercial applications may require the installation of a LOCKOUT/TAGOUT device to prevent the Kiln from operating during maintenance.

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

**L Kilns** hotkilns.com  
 505 SHARPTOWN ROAD SWEDESBORO, NJ 08085  
 PHONE: (856) 294-0077 FAX: (856) 294-0070

**DaVINCI KILN WIRING DIAGRAM**  
**MODELS TB2318-PB & TB2318-D-PB**  
**1 or 3 PHASE KILN ASSEMBLY**  
**2 SECTIONS, With Power Bottom**

DRAWN BY	G.W.L.	REV. CODE	A	DRAWING NO.	K132-111
DATE	4/11/01	SCALE	1 = 8		
CHK	G.D.L.	APP			
JOB NO.		SER NO.		SHEET NO.	1 OF 1
FILE NAME	L:\EVLKILN\WIRING\KLN	MADE FROM			DAVINCNK105-102.dwg
	IK132-111.dwg				