

**SINGLE PHASE MODELS:**

MODELS XB3236-PB & XB3236-D-PB	
VOLTAGE	208 / 1 / 50-60
KW	33.1
FULL LOAD AMPS	L1   L2   L3 159.3   159.3   X
POWER SUPPLY	FUSE   WIRE 200A   250MCM
ELEMENTS (E-X-320B/20)	QTY   OHMS 14   18.3
VOLTAGE	220 / 1 / 50-60
KW	33.1
FULL LOAD AMPS	L1   L2   L3 150.6   150.6   X
POWER SUPPLY	FUSE   WIRE 200A   250MCM
ELEMENTS (E-X-320B/40)	QTY   OHMS 14   20.5
VOLTAGE	240 / 1 / 50-60
KW	33.1
FULL LOAD AMPS	L1   L2   L3 138.0   138.0   X
POWER SUPPLY	FUSE   WIRE 175A   4/0 AWG
ELEMENTS (E-X-320B/30)	QTY   OHMS 14   24.3

**THREE PHASE MODELS:**

MODELS XB3236-PB & XB3236-D-PB	
VOLTAGE	208 / 3 / 50-60
KW	33.1
FULL LOAD AMPS	L1   L2   L3 108.5   90.3   79.6
POWER SUPPLY	FUSE   WIRE 150A   2/0 AWG
ELEMENTS (E-X-320B/20)	QTY   OHMS 14   18.3
VOLTAGE	220 / 3 / 50-60
KW	33.1
FULL LOAD AMPS	L1   L2   L3 102.6   85.4   75.3
POWER SUPPLY	FUSE   WIRE 150A   2/0 AWG
ELEMENTS (E-X-320B/40)	QTY   OHMS 14   20.5
VOLTAGE	240 / 3 / 50-60
KW	33.1
FULL LOAD AMPS	L1   L2   L3 94.0   78.2   69.0
POWER SUPPLY	FUSE   WIRE 125A   1/0 AWG
ELEMENTS (E-X-320B/30)	QTY   OHMS 14   24.3

**1 PHASE CONTROL PANELS:**

MODEL	(AUTO/MANUAL)	WIRING DIAGRAM
X3236-PB	(MANUAL)	K265-105
X3236-D-PB	(AUTO)	K265-155

**3 PHASE CONTROL PANELS:**

MODEL	(AUTO/MANUAL)	WIRING DIAGRAM
X3236-PB	(MANUAL)	K265-106
X3236-D-PB	(AUTO)	K265-156



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

**NOTES:**

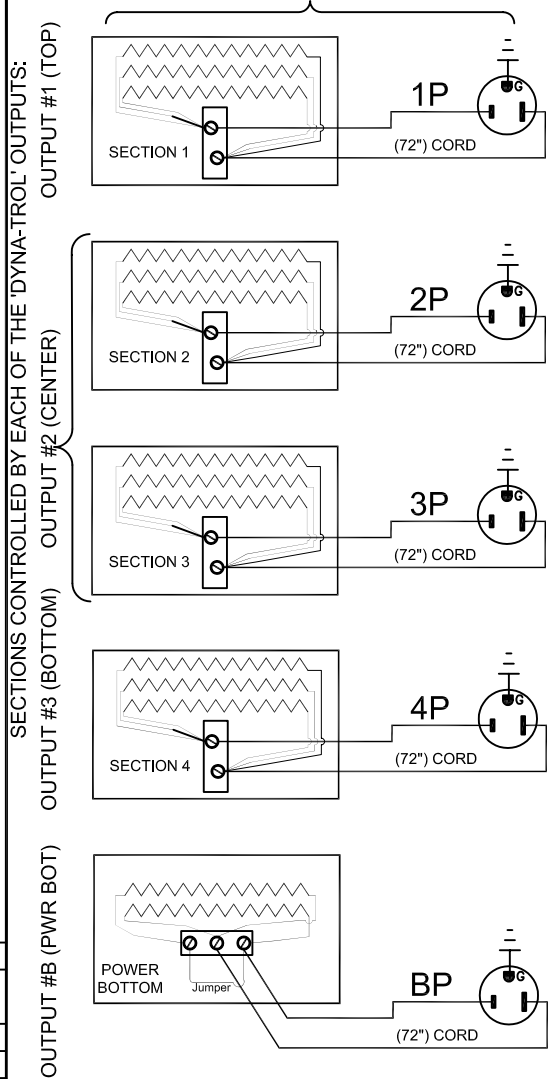
Industrial & commercial applications may require the installation of a LOCKOUT/TAGOUT device to prevent the Kiln from operating during maintenance.

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	SHOP PART NO.	CUSTOMER PART NO.
P	5	72" PLUGS NEMA 6-50P	E-CRD-372050-B1	L-G-PC50/72
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**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	6/22/09	ADDED MET CERTIFIED MARK & NEW LOGO
0	9/27/02	MISC CORRECTIONS FOR RELEASE

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

TITLE: **DaVINCI KILN WIRING DIAGRAM**  
**MODELS XB3236-PB & XB3236-D-PB**  
**1 or 3 PHASE KILN ASSEMBLY**  
**4 SECTIONS, With Power Bottom**

DRAWN BY	G.D.L.	REV. CODE	A	DRAWING NO.	K128-113
DATE	7/19/02	SCALE	1 = 8		
CHK	G.D.L.	APP			
JOB NO		SER NO		SHEET NO.	OF 1
FILE NAME	L:\EVLKILN\WIRING\KLN		MADE FROM	DAVINCNK105-102.DWG	
	K128-113.DWG				