

**SINGLE PHASE MODELS:**

MODELS XB3236 & XB3236-D		
VOLTAGE	208 / 1 / 50-60	
KW	28.4	
FULL LOAD AMPS	L1   L2   L3	
	136.5   136.5   X	
POWER SUPPLY	FUSE   WIRE	
	175A   4/0 AWG	
ELEMENTS (E-X-320B/20)	QTY   OHMS	
	12   18.3	
VOLTAGE	220 / 1 / 50-60	
KW	28.4	
FULL LOAD AMPS	L1   L2   L3	
	129.1   129.1   X	
POWER SUPPLY	FUSE   WIRE	
	175A   4/0 AWG	
ELEMENTS (E-X-320B/40)	QTY   OHMS	
	12   20.5	
VOLTAGE	240 / 1 / 50-60	
KW	28.4	
FULL LOAD AMPS	L1   L2   L3	
	118.3   118.3   X	
POWER SUPPLY	FUSE   WIRE	
	150A   2/0 AWG	
ELEMENTS (E-X-320B/30)	QTY   OHMS	
	12   24.3	

**THREE PHASE MODELS:**

MODELS XB3236 & XB3236-D		
VOLTAGE	208 / 3 / 50-60	
KW	28.4	
FULL LOAD AMPS	L1   L2   L3	
	90.3   90.3   59.1	
POWER SUPPLY	FUSE   WIRE	
	125A   1/0 AWG	
ELEMENTS (E-X-320B/20)	QTY   OHMS	
	12   18.3	
VOLTAGE	220 / 3 / 50-60	
KW	28.4	
FULL LOAD AMPS	L1   L2   L3	
	85.4   85.4   55.9	
POWER SUPPLY	FUSE   WIRE	
	1250A   1/0 AWG	
ELEMENTS (E-X-320B/40)	QTY   OHMS	
	12   20.5	
VOLTAGE	240 / 3 / 50-60	
KW	28.4	
FULL LOAD AMPS	L1   L2   L3	
	78.2   78.2   51.2	
POWER SUPPLY	FUSE   WIRE	
	100A   1 AWG	
ELEMENTS (E-X-320B/30)	QTY   OHMS	
	12   24.3	

**1 PHASE CONTROL PANELS:**

MODEL	(AUTO/MANUAL)	WIRING DIAGRAM
X3236	(MANUAL)	K264-105
X3236-D	(AUTO)	K264-155

**3 PHASE CONTROL PANELS:**

MODEL	(AUTO/MANUAL)	WIRING DIAGRAM
X3236	(MANUAL)	K264-106
X3236-D	(AUTO)	K264-156



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

**NOTES:**

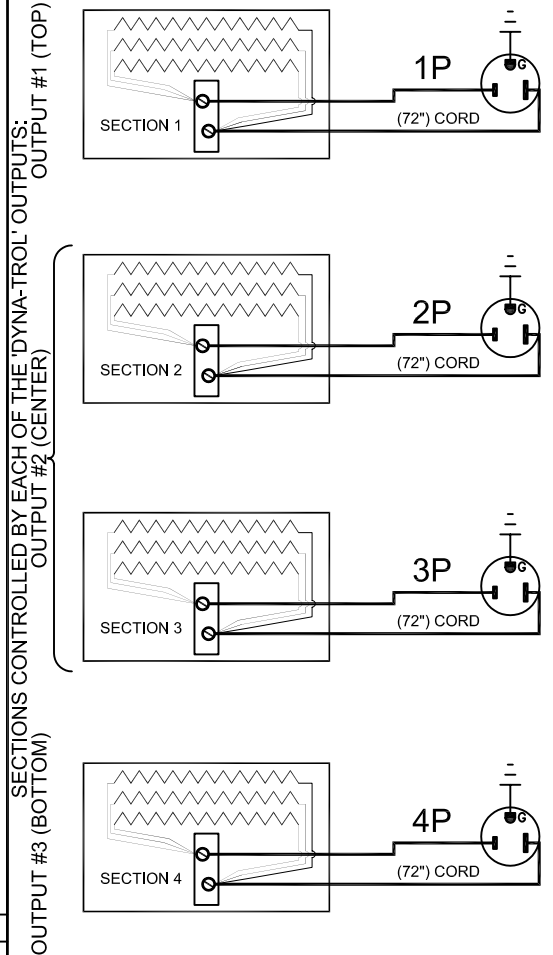
Industrial & commercial applications may require the installation of a LOCKOUT/TAGOUT device to prevent the Kiln from operating during maintenance.

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	CUSTOMER PART NO.
P	4	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	6/22/09	ADDED MET CERTIFIED MARK & NEW LOGO
0	8/8/08	FIRST ISSUE



505 SHARPTOWN ROAD  
SWEDESBORO, NJ 08085  
PHONE: (856) 294-0077  
FAX: (856) 294-0070

TITLE **DaVINCI KILN WIRING DIAGRAM**  
**MODELS XB3236 & XB3236-D**  
**1 or 3 PHASE KILN ASSEMBLY**  
**4 SECTIONS, No Power Bottom**

DATE	SCALE	REV. CODE	DRAWING NO.
8/8/08	1 = 8	A	K128-112
CHK G.D.L.	APP		
JOB NO	SER NO		SHEET NO.   OF
FILE NAME L:\EVL\KILN\WIRING\KLN	MADE FROM		DAVINCI\K128-110.dwg