

**SINGLE PHASE MODELS:**

MODELS XB2836 & XB2836-D		
VOLTAGE	208 / 1 / 50-60	
KW	23.2	
FULL LOAD AMPS	L1   L2   L3	
	111.5   111.5   X	
POWER SUPPLY	FUSE   WIRE	
	150A   2/0 AWG	
ELEMENTS (E-X-280B/20)	QTY   OHMS	
	12   22.4	
VOLTAGE	220 / 1 / 50-60	
KW	23.2	
FULL LOAD AMPS	L1   L2   L3	
	105.4   105.4   X	
POWER SUPPLY	FUSE   WIRE	
	150A   2/0 AWG	
ELEMENTS (E-X-280B/40)	QTY   OHMS	
	12   25.1	
VOLTAGE	240 / 1 / 50-60	
KW	23.2	
FULL LOAD AMPS	L1   L2   L3	
	96.6   96.6   X	
POWER SUPPLY	FUSE   WIRE	
	125A   1/0 AWG	
ELEMENTS (E-X-280B/30)	QTY   OHMS	
	12   29.8	

**THREE PHASE MODELS:**

MODELS XB2836 & XB2836-D		
VOLTAGE	208 / 3 / 50-60	
KW	23.2	
FULL LOAD AMPS	L1   L2   L3	
	73.7   73.7   48.3	
POWER SUPPLY	FUSE   WIRE	
	100A   1 AWG	
ELEMENTS (E-X-280B/20)	QTY   OHMS	
	12   22.4	
VOLTAGE	220 / 3 / 50-60	
KW	23.2	
FULL LOAD AMPS	L1   L2   L3	
	69.7   69.7   45.6	
POWER SUPPLY	FUSE   WIRE	
	90A   2 AWG	
ELEMENTS (E-X-280B/40)	QTY   OHMS	
	12   25.1	
VOLTAGE	240 / 3 / 50-60	
KW	23.2	
FULL LOAD AMPS	L1   L2   L3	
	63.9   63.9   41.8	
POWER SUPPLY	FUSE   WIRE	
	80A   3 AWG	
ELEMENTS (E-X-280B/30)	QTY   OHMS	
	12   29.8	

**1 PHASE CONTROL PANELS:**

MODEL	(AUTO/MANUAL)	WIRING DIAGRAM
XB2836	(MANUAL)	K264-105
XB2836-D	(AUTO)	K264-155

**3 PHASE CONTROL PANELS:**

MODEL	(AUTO/MANUAL)	WIRING DIAGRAM
XB2836	(MANUAL)	K264-106
XB2836-D	(AUTO)	K264-156



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

**NOTES:**

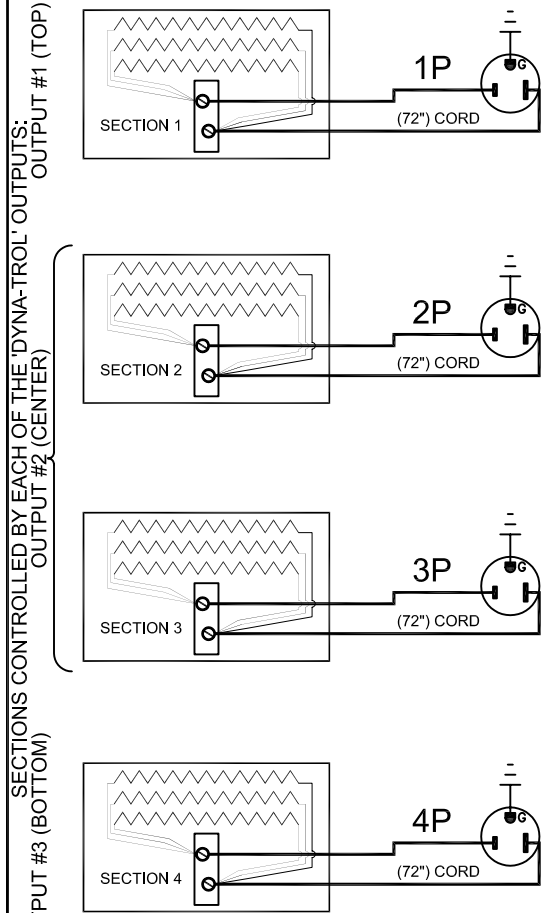
Industrial & commercial applications may require the installation of a LOCKOUT/TAGOUT device to prevent the Kiln from operating during maintenance.

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	6/18/09	REPLACED UL MARK WITH MET CERTIFIED MARK & ADDED NEW LOGO
0	8/13/07	FIRST ISSUE



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TITLE **DaVINCI KILN WIRING DIAGRAM**  
**MODELS XB2836 & XB2836-D**  
**1 or 3 PHASE KILN ASSEMBLY**  
**4 SECTIONS, No Power Bottom**

DRAWN BY	G.D.L.	REV. CODE	A	DRAWING NO.	K121-112
DATE	8/13/07	SCALE	1 = 8		
CHK	G.D.L.	APP			
JOB NO.		SER NO.		SHEET NO.	1 OF 1
FILE NAME	L:\EVL\KILN\WIRING\DKLN		MADE FROM	K121-110.dwg	
	K121-112.dwg				