

**SINGLE PHASE MODELS:**

MODELS X2836 & X2836-D		
VOLTAGE	208 / 1 / 50-60	
KW	19.9	
FULL LOAD AMPS	L1	L2   L3
	95.7	95.7   X
POWER SUPPLY	FUSE	WIRE
	125A	1/0 AWG
ELEMENTS (E-X-2800/20)	QTY	OHMS
	12	26.1
VOLTAGE	220 / 1 / 50-60	
KW	19.9	
FULL LOAD AMPS	L1	L2   L3
	90.5	90.5   X
POWER SUPPLY	FUSE	WIRE
	125A	1/0 AWG
ELEMENTS (E-X-2800/40)	QTY	OHMS
	12	29.2
VOLTAGE	240 / 1 / 50-60	
KW	19.9	
FULL LOAD AMPS	L1	L2   L3
	83.0	83.0   X
POWER SUPPLY	FUSE	WIRE
	100A	1 AWG
ELEMENTS (E-X-2800/30)	QTY	OHMS
	12	34.7

**THREE PHASE MODELS:**

MODELS X2836 & X2836-D		
VOLTAGE	208 / 3 / 50-60	
KW	19.9	
FULL LOAD AMPS	L1	L2   L3
	62.2	62.2   41.5
POWER SUPPLY	FUSE	WIRE
	80A	3 AWG
ELEMENTS (E-X-2800/20)	QTY	OHMS
	12	26.1
VOLTAGE	220 / 3 / 50-60	
KW	19.9	
FULL LOAD AMPS	L1	L2   L3
	58.8	58.8   39.2
POWER SUPPLY	FUSE	WIRE
	80A	3 AWG
ELEMENTS (E-X-2800/40)	QTY	OHMS
	12	29.2
VOLTAGE	240 / 3 / 50-60	
KW	19.9	
FULL LOAD AMPS	L1	L2   L3
	53.9	53.9   35.9
POWER SUPPLY	FUSE	WIRE
	70A	4 AWG
ELEMENTS (E-X-2800/30)	QTY	OHMS
	12	34.7

**1 PHASE CONTROL PANELS:**

MODEL	(AUTO/MANUAL)	WIRING DIAGRAM
X2836	(MANUAL)	K264-105
X2836-D	(AUTO)	K264-155

**3 PHASE CONTROL PANELS:**

MODEL	(AUTO/MANUAL)	WIRING DIAGRAM
X2836	(MANUAL)	K264-106
X2836-D	(AUTO)	K264-156



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

**NOTES:**

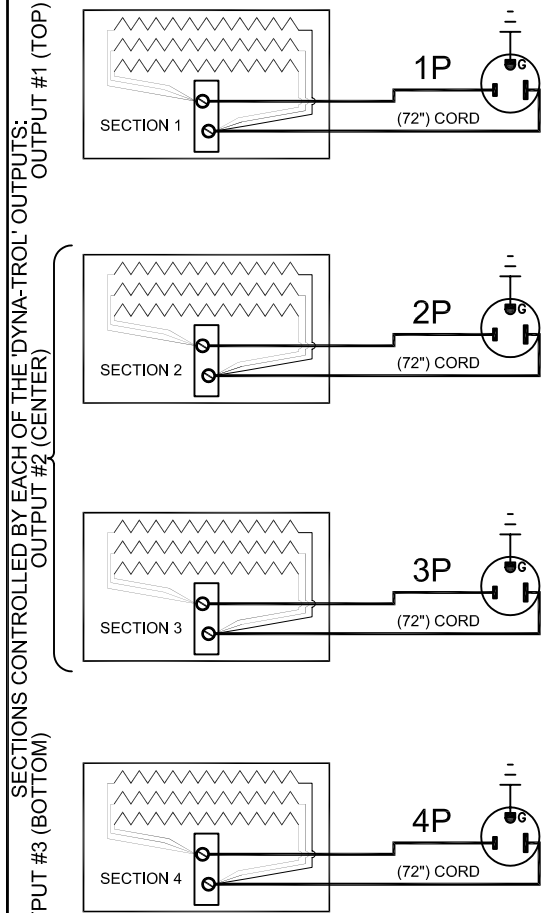
Industrial & commercial applications may require the installation of a LOCKOUT/TAGOUT device to prevent the Kiln from operating during maintenance.

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	9/24/02	MISC CHANGES FOR RELEASE

**L Kilns** hotkilns.com  
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TITLE **DaVINCI KILN WIRING DIAGRAM**  
**MODELS X2836 & X2836-D**  
**1 or 3 PHASE KILN ASSEMBLY**  
**4 SECTIONS, No Power Bottom**

DRAWN BY <b>G.W.L.</b>	REV. CODE <b>A</b>	DRAWING NO. <b>K121-110</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\K121-110.dwg</b>	MADE FROM	DAVINCNK105-101.dwg