

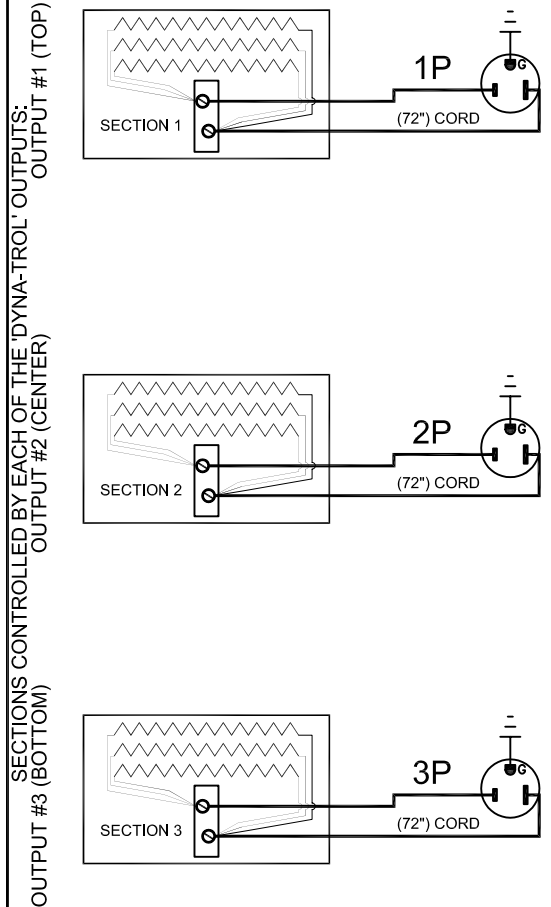
**SINGLE PHASE MODELS:**

MODELS X2827 & X2827-D	
VOLTAGE	208 / 1 / 50-60
KW	14.9
FULL LOAD AMPS	L1   L2   L3 71.8   71.8   X
POWER SUPPLY	FUSE   WIRE 90A   2 AWG
ELEMENTS (E-X-2800/20)	QTY   OHMS 9   26.1
VOLTAGE	220 / 1 / 50-60
KW	14.9
FULL LOAD AMPS	L1   L2   L3 67.9   67.9   X
POWER SUPPLY	FUSE   WIRE 90A   2 AWG
ELEMENTS (E-X-2800/40)	QTY   OHMS 9   29.2
VOLTAGE	240 / 1 / 50-60
KW	14.9
FULL LOAD AMPS	L1   L2   L3 62.2   62.2   X
POWER SUPPLY	FUSE   WIRE 80A   3 AWG
ELEMENTS (E-X-2800/30)	QTY   OHMS 9   34.7

**THREE PHASE MODELS:**

MODELS X2827 & X2827-D	
VOLTAGE	208 / 3 / 50-60
KW	14.9
FULL LOAD AMPS	L1   L2   L3 41.5   41.5   41.5
POWER SUPPLY	FUSE   WIRE 60A   6 AWG
ELEMENTS (E-X-2800/20)	QTY   OHMS 9   26.1
VOLTAGE	220 / 3 / 50-60
KW	14.9
FULL LOAD AMPS	L1   L2   L3 39.2   39.2   39.2
POWER SUPPLY	FUSE   WIRE 50A   6 AWG
ELEMENTS (E-X-2800/40)	QTY   OHMS 9   29.2
VOLTAGE	240 / 3 / 50-60
KW	14.9
FULL LOAD AMPS	L1   L2   L3 35.9   35.9   35.9
POWER SUPPLY	FUSE   WIRE 50A   6 AWG
ELEMENTS (E-X-2800/30)	QTY   OHMS 9   34.7

**KILN ASSEMBLY**



**1 PHASE CONTROL PANELS:**

**3 PHASE CONTROL PANELS:**

MODEL	(AUTO/MANUAL)	WIRING DIAGRAM	MODEL	(AUTO/MANUAL)	WIRING DIAGRAM
X2827	(MANUAL)	K264-103	X2827	(MANUAL)	K264-104
X2827-D	(AUTO)	K264-153	X2827-D	(AUTO)	K264-154



**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

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	9/23/02	MISC CHANGES FOR RELEASE

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TITLE **DaVINCI KILN WIRING DIAGRAM**  
**MODELS X2827 & X2827-D**  
**1 or 3 PHASE KILN ASSEMBLY**  
**3 SECTIONS, No Power Bottom**

DRAWN BY	G.D.L.	REV. CODE	A	DRAWING NO.	K120-110
DATE	1/9/01	SCALE	1 = 8		
CHK	G.D.L.	APP			
JOB NO.		SER NO.		SHEET NO.	1 OF 1
FILE NAME	L:\EVL\KILN\WIRING\KLN	MADE FROM			DAVINCNK105-101.dwg
	IK120-110.dwg				