

**SINGLE PHASE MODELS:**

MODELS X3227-PB & X3227-D-PB			
VOLTAGE	208 / 1 / 50-60		
KW	22.0		
FULL LOAD AMPS	L1	L2	L3
	106.0	106.0	∞
POWER SUPPLY	FUSE	WIRE	
	125A	1/0 AWG	
ELEMENTS (E-X-3200/20)	QTY	OHMS	
	11	21.6	
VOLTAGE	220 / 1 / 50-60		
KW	22.0		
FULL LOAD AMPS	L1	L2	L3
	100.2	100.2	∞
POWER SUPPLY	FUSE	WIRE	
	125A	1/0 AWG	
ELEMENTS (E-X-3200/40)	QTY	OHMS	
	11	24.1	
VOLTAGE	240 / 1 / 50-60		
KW	22.0		
FULL LOAD AMPS	L1	L2	L3
	91.9	91.9	∞
POWER SUPPLY	FUSE	WIRE	
	125A	1/0 AWG	
ELEMENTS (E-X-3200/30)	QTY	OHMS	
	11	28.7	

**THREE PHASE MODELS:**

MODELS X3227-PB & X3227-D-PB			
VOLTAGE	208 / 3 / 50-60		
KW	22.0		
FULL LOAD AMPS	L1	L2	L3
	66.8	50.1	66.8
POWER SUPPLY	FUSE	WIRE	
	90A	2 AWG	
ELEMENTS (E-X-3200/20)	QTY	OHMS	
	11	21.6	
VOLTAGE	220 / 3 / 50-60		
KW	22.0		
FULL LOAD AMPS	L1	L2	L3
	63.1	47.3	63.1
POWER SUPPLY	FUSE	WIRE	
	80A	3 AWG	
ELEMENTS (E-X-3200/40)	QTY	OHMS	
	11	24.1	
VOLTAGE	240 / 3 / 50-60		
KW	22.0		
FULL LOAD AMPS	L1	L2	L3
	57.9	43.4	57.9
POWER SUPPLY	FUSE	WIRE	
	80A	3 AWG	
ELEMENTS (E-X-3200/30)	QTY	OHMS	
	11	28.7	

**1 PHASE CONTROL PANELS:**

MODEL	(AUTO/MANUAL)	WIRING DIAGRAM
X3227-PB	(MANUAL)	K265-103
X3227-D-PB	(AUTO)	K265-153

**3 PHASE CONTROL PANELS:**

MODEL	(AUTO/MANUAL)	WIRING DIAGRAM
X3227-PB	(MANUAL)	K265-104
X3227-D-PB	(AUTO)	K265-154



**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.

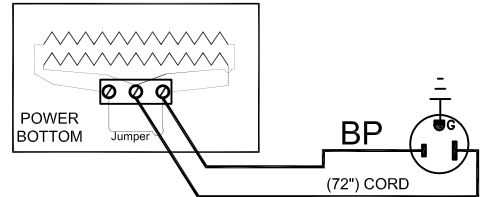
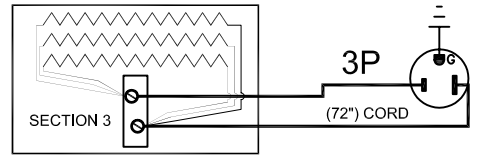
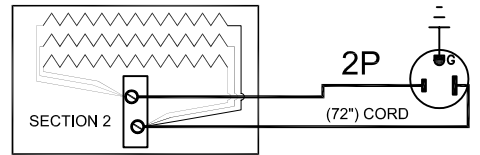
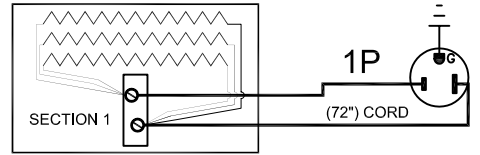
This Kiln is recommended to be wired & connected to an approved U. L. & NEC configured disconnect switch and properly fused according to the KW load specification listed on the Kiln Nameplate. L&L Kiln Mfg., Inc., also recommends fuses rather than circuit breakers to prevent nuisance tripping.

**ELECTRICAL PARTS LIST**

SYMBOL	QTY	DESCRIPTION	CUSTOMER PART NO.
P	4	72" PLUGS NEMA 6-50P	L-G-PC50/72

**KILN ASSEMBLY**

SECTIONS CONTROLLED BY EACH OF THE 'DYNA-TROL' OUTPUTS:  
OUTPUT #1 (TOP)  
OUTPUT #2 (CENTER)  
OUTPUT #3 (BOTTOM)  
OUTPUT #4 (PWR BOT)



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	REPLACED UL MARK WITH MET CERTIFIED MARK & ADDED NEW LOGO
0	9/25/02	MISC CHANGES FOR RELEASE

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TITLE: **DaVINCI KILN WIRING DIAGRAM**  
**MODELS X3227-PB & X3227-D-PB**  
**1 or 3 PHASE KILN ASSEMBLY**  
**3 SECTIONS, With Power Bottom**

DRAWN BY	G.W.L.	REV. CODE	A	DRAWING NO.	K127-111
DATE	4/11/01	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			DAVINCNK105-102.dwg
	IK127-111.dwg				