

**SINGLE PHASE MODELS:**

MODELS X2827-PB & X2827-D-PB	
VOLTAGE	208 / 1 / 50-60
KW	18.3
FULL LOAD AMPS	L1   L2   L3 87.7   87.7   X
POWER SUPPLY	FUSE   WIRE 100A   1 AWG
ELEMENTS (E-X-2800/20)	QTY   OHMS 11   26.1
VOLTAGE	220 / 1 / 50-60
KW	18.3
FULL LOAD AMPS	L1   L2   L3 82.9   82.9   X
POWER SUPPLY	FUSE   WIRE 100A   1 AWG
ELEMENTS (E-X-2800/40)	QTY   OHMS 11   29.2
VOLTAGE	240 / 1 / 50-60
KW	18.3
FULL LOAD AMPS	L1   L2   L3 76.1   76.1   X
POWER SUPPLY	FUSE   WIRE 90A   2 AWG
ELEMENTS (E-X-2800/30)	QTY   OHMS 11   34.7

**THREE PHASE MODELS:**

MODELS X2827-PB & X2827-D-PB	
VOLTAGE	208 / 3 / 50-60
KW	18.3
FULL LOAD AMPS	L1   L2   L3 55.3   41.4   55.3
POWER SUPPLY	FUSE   WIRE 70A   4 AWG
ELEMENTS (E-X-2800/20)	QTY   OHMS 11   26.1
VOLTAGE	220 / 3 / 50-60
KW	18.3
FULL LOAD AMPS	L1   L2   L3 52.3   39.2   52.3
POWER SUPPLY	FUSE   WIRE 70A   4 AWG
ELEMENTS (E-X-2800/40)	QTY   OHMS 11   29.2
VOLTAGE	240 / 3 / 50-60
KW	18.3
FULL LOAD AMPS	L1   L2   L3 47.9   35.9   47.9
POWER SUPPLY	FUSE   WIRE 70A   4 AWG
ELEMENTS (E-X-2800/30)	QTY   OHMS 11   34.7

**1 PHASE CONTROL PANELS:**

MODEL	(AUTO/MANUAL)	WIRING DIAGRAM
X2827-PB	(MANUAL)	K265-103
X2827-D-PB	(AUTO)	K265-153

**3 PHASE CONTROL PANELS:**

MODEL	(AUTO/MANUAL)	WIRING DIAGRAM
X2827-PB	(MANUAL)	K265-104
X2827-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.

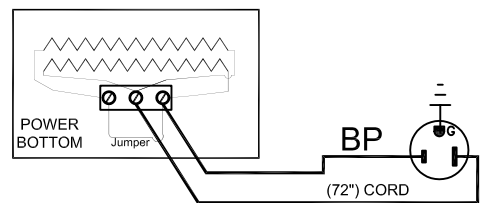
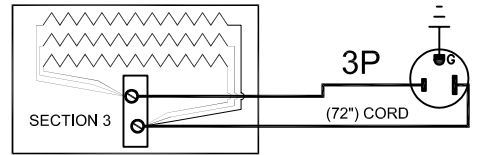
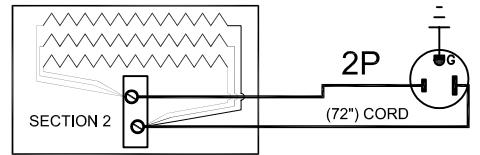
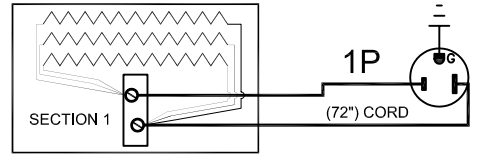
This Kiln is recommended to be wired & connected to an approved U. L. & NEC configured disconnect switch and properly fused according to the KW load specification listed on the Kiln Nameplate. L&L Kiln Mfg., Inc., also recommends fuses rather than circuit breakers to prevent nuisance tripping.

**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 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 X2827-PB & X2827-D-PB 1 or 3 PHASE KILN ASSEMBLY 3 SECTIONS, With Power Bottom**

DRAWN BY <b>G.W.L.</b>	REV. CODE <b>A</b>	DRAWING NO. <b>K120-111</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\WIRDGKLN\K120-111.dwg</b>	MADE FROM	DAVINCNK105-102.dwg