

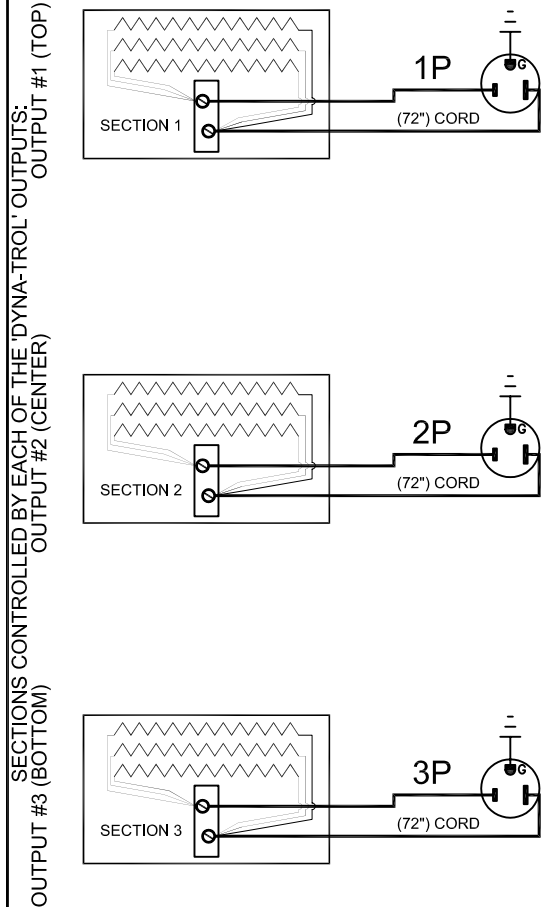
**SINGLE PHASE MODELS:**

MODELS X3227 & X3227-D	
VOLTAGE	208 / 1 / 50-60
KW	18.0
FULL LOAD AMPS	L1   L2   L3 86.7   86.7   X
POWER SUPPLY	FUSE   WIRE 125A   1/0 AWG
ELEMENTS (E-X-3200/20)	QTY   OHMS 9   21.6
VOLTAGE	220 / 1 / 50-60
KW	18.0
FULL LOAD AMPS	L1   L2   L3 82.0   82.0   X
POWER SUPPLY	FUSE   WIRE 125A   1/0 AWG
ELEMENTS (E-X-3200/40)	QTY   OHMS 9   24.1
VOLTAGE	240 / 1 / 50-60
KW	18.0
FULL LOAD AMPS	L1   L2   L3 75.2   75.2   X
POWER SUPPLY	FUSE   WIRE 100A   1 AWG
ELEMENTS (E-X-3200/30)	QTY   OHMS 9   28.7

**THREE PHASE MODELS:**

MODELS X3227 & X3227-D	
VOLTAGE	208 / 3 / 50-60
KW	18.0
FULL LOAD AMPS	L1   L2   L3 50.1   50.1   50.1
POWER SUPPLY	FUSE   WIRE 70A   4 AWG
ELEMENTS (E-X-3200/20)	QTY   OHMS 9   21.6
VOLTAGE	220 / 3 / 50-60
KW	18.0
FULL LOAD AMPS	L1   L2   L3 47.3   47.3   47.3
POWER SUPPLY	FUSE   WIRE 60A   6 AWG
ELEMENTS (E-X-3200/40)	QTY   OHMS 9   24.1
VOLTAGE	240 / 3 / 50-60
KW	18.0
FULL LOAD AMPS	L1   L2   L3 43.4   43.4   43.4
POWER SUPPLY	FUSE   WIRE 60A   6 AWG
ELEMENTS (E-X-3200/30)	QTY   OHMS 9   28.7

**KILN ASSEMBLY**



**1 PHASE CONTROL PANELS:**

**3 PHASE CONTROL PANELS:**

MODEL	(AUTO/MANUAL)	WIRING DIAGRAM	MODEL	(AUTO/MANUAL)	WIRING DIAGRAM
X3227	(MANUAL)	K264-103	X3227	(MANUAL)	K264-104
X3227-D	(AUTO)	K264-153	X3227-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	6/22/09	REPLACED UL MARK WITH MET CERTIFIED MARK & ADDED NEW LOGO
0	9/25/02	MISC CHANGES FOR RELEASE

**L Kilns**  
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505 SHARPTOWN ROAD  
SWEDESBORO, NJ 08085  
PHONE: (856) 294-0077  
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TITLE **DaVINCI KILN WIRING DIAGRAM**  
**MODELS X3227 & X3227-D**  
**1 or 3 PHASE KILN ASSEMBLY**  
**3 SECTIONS, No Power Bottom**

DRAWN BY <b>G.D.L.</b>	REV. CODE <b>A</b>	DRAWING NO. <b>K127-110</b>
DATE <b>10/29/99</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\KLN IK127-110.dwg</b>	MADE FROM	DAVINCIK105-101.dwg