

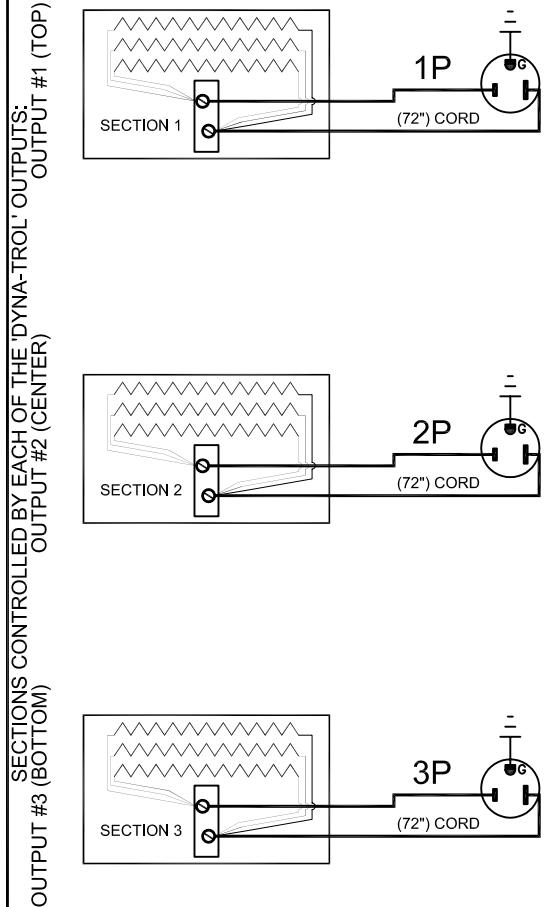
SINGLE PHASE MODELS:

MODELS T3427 & T3427-D	
VOLTAGE	208 / 1 / 50-60
KW	24.9
FULL LOAD AMPS	L1 L2 L3 119.9 119.9 X
POWER SUPPLY	FUSE WIRE 150A 2/0 AWG
ELEMENTS (E-T-3400/20)	QTY OHMS 9 15.6
VOLTAGE	220 / 1 / 50-60
KW	24.9
FULL LOAD AMPS	L1 L2 L3 113.4 113.4 X
POWER SUPPLY	FUSE WIRE 150A 2/0 AWG
ELEMENTS (E-T-3400/40)	QTY OHMS 9 17.5
VOLTAGE	240 / 1 / 50-60
KW	24.9
FULL LOAD AMPS	L1 L2 L3 103.9 103.9 X
POWER SUPPLY	FUSE WIRE 125A 1/0 AWG
ELEMENTS (E-T-3400/30)	QTY OHMS 9 20.8

THREE PHASE MODELS:

MODELS T3427 & T3427-D	
VOLTAGE	208 / 3 / 50-60
KW	24.9
FULL LOAD AMPS	L1 L2 L3 69.2 69.2 69.2
POWER SUPPLY	FUSE WIRE 90A 2 AWG
ELEMENTS (E-T-3400/20)	QTY OHMS 9 15.6
VOLTAGE	220 / 3 / 50-60
KW	24.9
FULL LOAD AMPS	L1 L2 L3 65.4 65.4 65.4
POWER SUPPLY	FUSE WIRE 90A 2 AWG
ELEMENTS (E-T-3400/40)	QTY OHMS 9 17.5
VOLTAGE	240 / 3 / 50-60
KW	24.9
FULL LOAD AMPS	L1 L2 L3 60.0 60.0 60.0
POWER SUPPLY	FUSE WIRE 80A 3 AWG
ELEMENTS (E-T-3400/30)	QTY OHMS 9 20.8

KILN ASSEMBLY



1 PHASE CONTROL PANELS:

3 PHASE CONTROL PANELS:

MODEL	(AUTO/MANUAL)	WIRING DIAGRAM	MODEL	(AUTO/MANUAL)	WIRING DIAGRAM
T3427	(MANUAL)	K264-103	T3427	(MANUAL)	K264-104
T3427-D	(AUTO)	K264-153	T3427-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	6/29/09	REPLACED UL MARK WITH MET CERTIFIED MARK & ADDED NEW LOGO
0	9/25/02	MISC CHANGES FOR RELEASE

L Kilns hotkilns.com
 505 SHARPTOWN ROAD SWEDESBORO, NJ 08085
 PHONE: (856) 294-0077 FAX: (856) 294-0070

TITLE **DaVINCI KILN WIRING DIAGRAM MODELS T3427 & T3427-D 1 or 3 PHASE KILN ASSEMBLY 3 SECTIONS, No Power Bottom**

DRAWN BY G.D.L.	REV. CODE A	DRAWING NO. K139-110
DATE 1/9/01	SCALE 1 = 8	
CHK G.D.L.	APP	
JOB NO	SER NO	SHEET NO. OF
FILE NAME L:\EVL\KILN\WIRING\KLN 1K139-110.dwg	MADE FROM	DAVINCIK105-101.dwg