

**SINGLE PHASE MODELS:**

MODELS TB3427-PB & TB3427-D-PB	
VOLTAGE	208 / 1 / 50-60
KW	36.5
FULL LOAD AMPS	L1   L2   L3 175.7   175.7   X
POWER SUPPLY	FUSE   WIRE 225A   350 MCM
ELEMENTS (E-T-340B/20)	QTY   OHMS 11   13.0
VOLTAGE	220 / 1 / 50-60
KW	36.5
FULL LOAD AMPS	L1   L2   L3 166.1   166.1   X
POWER SUPPLY	FUSE   WIRE 225A   350 MCM
ELEMENTS (E-T-340B/40)	QTY   OHMS 11   14.6
VOLTAGE	240 / 1 / 50-60
KW	36.5
FULL LOAD AMPS	L1   L2   L3 152.3   152.3   X
POWER SUPPLY	FUSE   WIRE 200A   250 MCM
ELEMENTS (E-T-340B/30)	QTY   OHMS 11   17.3

**THREE PHASE MODELS:**

MODELS TB3427-PB & TB3427-D-PB	
VOLTAGE	208 / 3 / 50-60
KW	36.5
FULL LOAD AMPS	L1   L2   L3 111.8   83.0   111.8
POWER SUPPLY	FUSE   WIRE 150A   2/0 AWG
ELEMENTS (E-T-340B/20)	QTY   OHMS 11   13.0
VOLTAGE	220 / 3 / 50-60
KW	36.5
FULL LOAD AMPS	L1   L2   L3 105.7   78.5   105.7
POWER SUPPLY	FUSE   WIRE 150A   2/0 AWG
ELEMENTS (E-T-340B/40)	QTY   OHMS 11   14.6
VOLTAGE	240 / 3 / 50-60
KW	36.5
FULL LOAD AMPS	L1   L2   L3 96.9   71.9   96.9
POWER SUPPLY	FUSE   WIRE 125A   1 AWG
ELEMENTS (E-T-340B/30)	QTY   OHMS 11   17.3

**1 PHASE CONTROL PANELS:**

MODEL	(AUTO/MANUAL)	WIRING DIAGRAM
T3427-PB	(MANUAL)	K265-103
T3427-D-PB	(AUTO)	K265-153

**3 PHASE CONTROL PANELS:**

MODEL	(AUTO/MANUAL)	WIRING DIAGRAM
T3427-PB	(MANUAL)	K265-104
T3427-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.

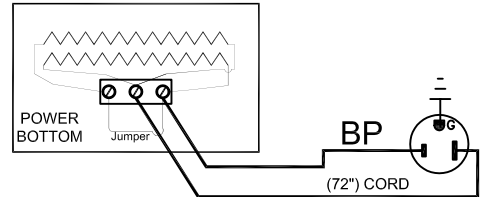
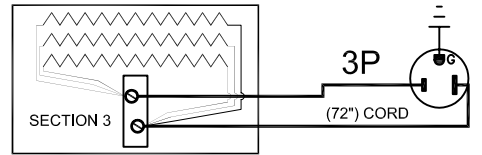
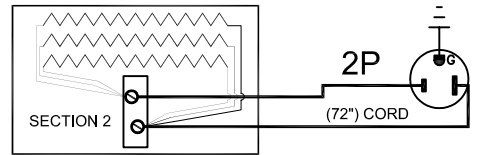
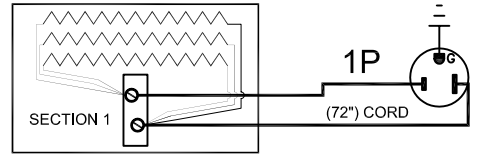
This Kiln is recommended to be wired & connected to an approved U. L. & NEC configured disconnect switch and properly fused according to the KW load specification listed on the Kiln Nameplate. L&L Kiln Mfg., Inc., also recommends fuses rather than circuit breakers to prevent nuisance tripping.

**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	6/29/09	ADDED MET CERTIFIED MARK & NEW LOGO
0	11/7/07	FIRST ISSUE

**L Kilns** hotkilns.com  
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PHONE: (856) 294-0077 FAX: (856) 294-0070

TITLE **DaVINCI KILN WIRING DIAGRAM**  
**MODELS TB3427-PB & TB3427-D-PB**  
**1 or 3 PHASE KILN ASSEMBLY**  
**3 SECTIONS, With Power Bottom**

DRAWN BY <b>G.D.L.</b>	REV. CODE <b>A</b>	DRAWING NO. <b>K139-115</b>
DATE <b>11/7/07</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\DKLN\K139-115.dwg</b>	MADE FROM	<b>K139-111.dwg</b>