

**SINGLE PHASE MODELS:**

MODELS J2945 & JD2945		
VOLTAGE	208 / 1 / 50-60	
KW	20.8	
FULL LOAD AMPS	L1   L2   L3	
	100.0   100.0   X	
POWER SUPPLY	FUSE   WIRE	
	125A   1/0 AWG	
ELEMENTS (E-J-2900/20)	QTY   OHMS	
	15   31.2	
VOLTAGE	220 / 1 / 50-60	
KW	20.9	
FULL LOAD AMPS	L1   L2   L3	
	95.0   95.0   X	
POWER SUPPLY	FUSE   WIRE	
	125A   1/0 AWG	
ELEMENTS (E-J-2900/40)	QTY   OHMS	
	15   34.7	
VOLTAGE	240 / 1 / 50-60	
KW	22.8	
FULL LOAD AMPS	L1   L2   L3	
	95.0   95.0   X	
POWER SUPPLY	FUSE   WIRE	
	125A   1/0 AWG	
ELEMENTS (E-J-2900/30)	QTY   OHMS	
	15   37.9	

**THREE PHASE MODELS:**

MODELS J2945 & JD2945		
VOLTAGE	208 / 3 / 50-60	
KW	20.8	
FULL LOAD AMPS	L1   L2   L3	
	52.0   69.3   52.0	
POWER SUPPLY	FUSE   WIRE	
	90A   2 AWG	
ELEMENTS (E-J-2900/20)	QTY   OHMS	
	15   31.2	
VOLTAGE	220 / 3 / 50-60	
KW	20.9	
FULL LOAD AMPS	L1   L2   L3	
	49.3   65.8   49.3	
POWER SUPPLY	FUSE   WIRE	
	90A   2 AWG	
ELEMENTS (E-J-2900/40)	QTY   OHMS	
	15   34.7	
VOLTAGE	240 / 3 / 50-60	
KW	22.8	
FULL LOAD AMPS	L1   L2   L3	
	49.3   65.8   49.3	
POWER SUPPLY	FUSE   WIRE	
	90A   2 AWG	
ELEMENTS (E-J-2900/30)	QTY   OHMS	
	15   37.9	

**1 PHASE CONTROL PANELS:**

MODEL	(AUTO/MANUAL)	WIRING DIAGRAM
J2945	(MANUAL)	K262-107
JD2945	(AUTO)	K262-157

**3 PHASE CONTROL PANELS:**

MODEL	(AUTO/MANUAL)	WIRING DIAGRAM
J2945	(MANUAL)	K262-108
JD2945	(AUTO)	K262-158



**SEE CONTROL PANEL WIRING DIAGRAM FOR WIRING CONNECTIONS TO KILN ZONE RECEPTACLES**

**NOTES:**

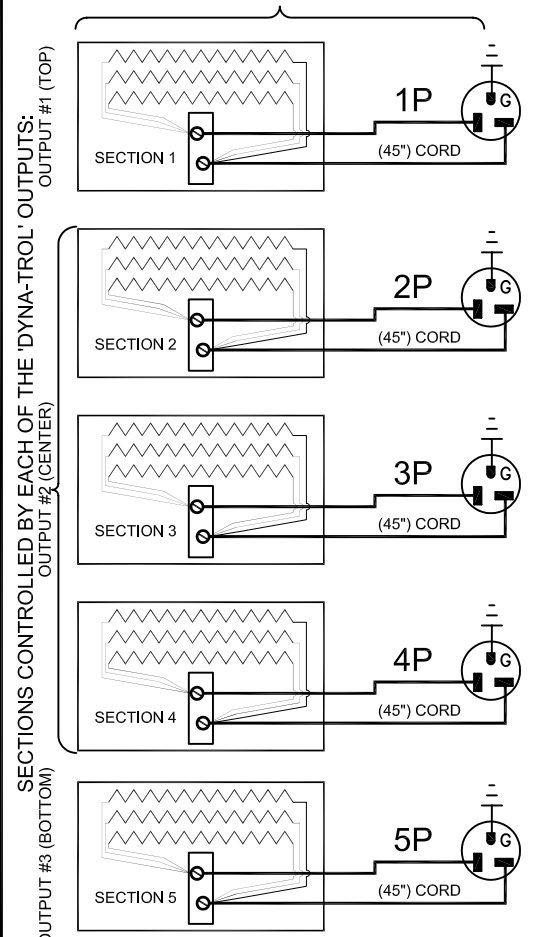
Industrial & commercial applications may require the installation of a LOCKOUT/TAGOUT device to prevent the Kiln from operating during maintenance.

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	5	45" PLUGS NEMA 6-20P	L-J-JC45/00

**KILN ASSEMBLY**



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	6/15/09	REPLACED UL MARK WITH MET CERTIFIED MARK & ADDED NEW LOGO
0	9/19/02	MISC CORRECTIONS FOR RELEASE / DISCONTINUED HAND-HELD

**L&L Kilns**  
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TITLE **JUPITER KILN WIRING DIAGRAM**  
**MODELS J2945 and JD2945**  
**1 or 3 PHASE KILN ASSEMBLY**  
**5 SECTIONS, No Power Bottom**

DRAWN BY <b>G.D.L.</b>	REV. CODE <b>A</b>	DRAWING NO. <b>K045-110</b>
DATE <b>5/24/00</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 IK045-110.DWG</b>	MADE FROM	USERIES\K045-101.dwg