

**SINGLE PHASE MODELS:**

MODELS J2945-PB & JD2945-PB		
VOLTAGE	208 / 1 / 50-60	
KW	23.6	
FULL LOAD AMPS	L1   L2   L3	
	113.3   113.3   X	
POWER SUPPLY	FUSE   WIRE	
	150A   2/0 AWG	
ELEMENTS (E-J-2900/20)	QTY   OHMS	
	17   31.2	
VOLTAGE	220 / 1 / 50-60	
KW	23.7	
FULL LOAD AMPS	L1   L2   L3	
	107.7   107.7   X	
POWER SUPPLY	FUSE   WIRE	
	150A   2/0 AWG	
ELEMENTS (E-J-2900/40)	QTY   OHMS	
	17   34.7	
VOLTAGE	240 / 1 / 50-60	
KW	25.8	
FULL LOAD AMPS	L1   L2   L3	
	107.7   107.7   X	
POWER SUPPLY	FUSE   WIRE	
	150A   2/0 AWG	
ELEMENTS (E-J-2900/30)	QTY   OHMS	
	17   37.9	

**THREE PHASE MODELS:**

MODELS J2945-PB & JD2945-PB		
VOLTAGE	208 / 3 / 50-60	
KW	23.6	
FULL LOAD AMPS	L1   L2   L3	
	63.5   69.3   63.5	
POWER SUPPLY	FUSE   WIRE	
	90A   2 AWG	
ELEMENTS (E-J-2900/20)	QTY   OHMS	
	17   31.2	
VOLTAGE	220 / 3 / 50-60	
KW	23.7	
FULL LOAD AMPS	L1   L2   L3	
	60.3   65.8   60.3	
POWER SUPPLY	FUSE   WIRE	
	90A   2 AWG	
ELEMENTS (E-J-2900/40)	QTY   OHMS	
	17   34.7	
VOLTAGE	240 / 3 / 50-60	
KW	25.8	
FULL LOAD AMPS	L1   L2   L3	
	60.3   65.8   60.3	
POWER SUPPLY	FUSE   WIRE	
	90A   2 AWG	
ELEMENTS (E-J-2900/30)	QTY   OHMS	
	17   37.9	

**1 PHASE CONTROL PANELS:**

MODEL	(AUTO/MANUAL)	WIRING DIAGRAM
J2945-PB	(MANUAL)	K263-109
JD2945-PB	(AUTO)	K263-159

**3 PHASE CONTROL PANELS:**

MODEL	(AUTO/MANUAL)	WIRING DIAGRAM
J2945-PB	(MANUAL)	K263-110
JD2945-PB	(AUTO)	K263-160



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

**NOTES:**

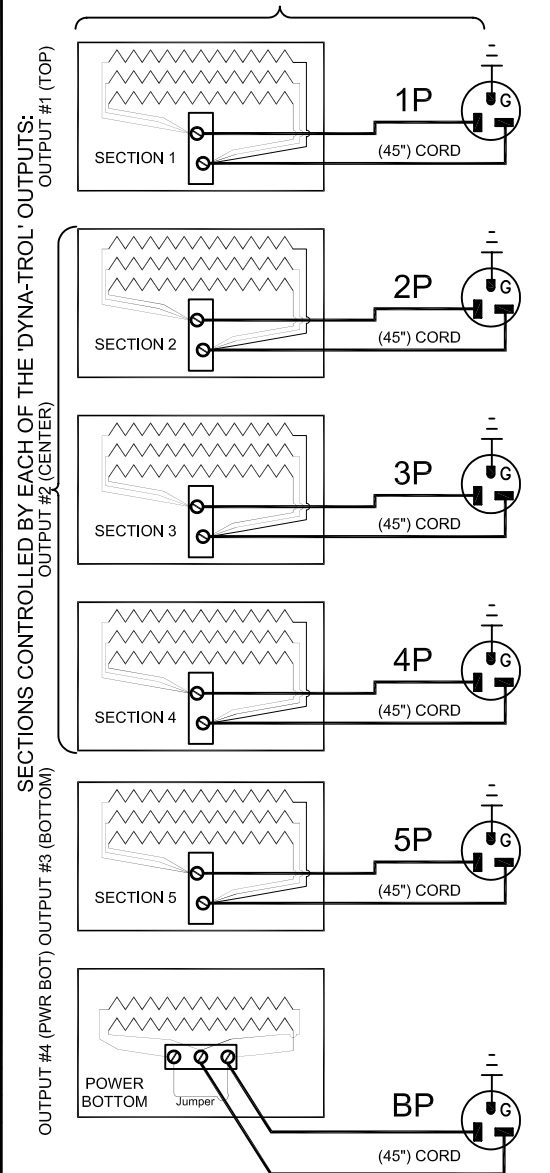
Industrial & commercial applications may require the installation of a LOCKOUT/TAGOUT device to prevent the Kiln from operating during maintenance.

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	6	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
P1	11/22/00	CORRECTED MISC TABULAR INFO

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

**TITLE** JUPITER KILN WIRING DIAGRAM  
 MODELS J2945-PB and JD2945-PB  
 1 or 3 PHASE KILN ASSEMBLY  
 5 SECTIONS, With Power Bottom

DRAWN BY	G.D.L.	REV. CODE	A	DRAWING NO.	K045-111
DATE	10/20/99	SCALE	1 = 8		
CHK	G.D.L.	APP			
JOB NO.		SER NO.		SHEET NO.	1 OF 1
FILE NAME	L:\EVL\KILN\WIRING\DKLN\K045-111.DWG	MADE FROM			USERIES\K045-102.dwg