

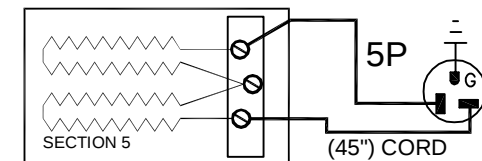
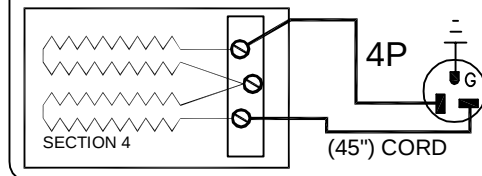
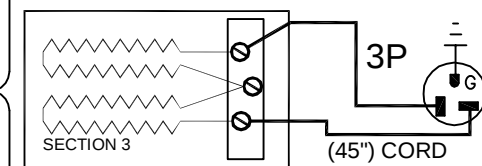
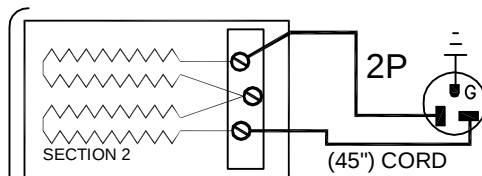
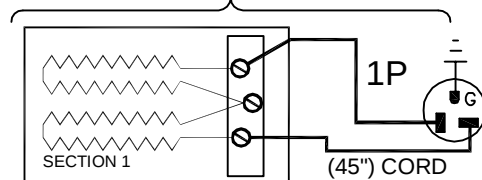
SINGLE PHASE MODELS:

MODELS J245V, JD245V, & QD			
VOLTAGE	208 / 1 / 50-60		
KW	15.2		
FULL LOAD AMPS	L1 73.3	L2 73.3	L3
POWER SUPPLY	FUSE 100A	WIRE 1 AWG	
ELEMENTS	QTY 10	OHMS 6.83	
VOLTAGE	220 / 1 / 50-60		
KW	16.1		
FULL LOAD AMPS	L1 73.3	L2 73.3	L3
POWER SUPPLY	FUSE 100A	WIRE 1 AWG	
ELEMENTS	QTY 10	OHMS 7.23	
VOLTAGE	240 / 1 / 50-60		
KW	17.6		
FULL LOAD AMPS	L1 73.3	L2 73.3	L3
POWER SUPPLY	FUSE 100A	WIRE 1 AWG	
ELEMENTS	QTY 10	OHMS 7.88	

THREE PHASE MODELS:

MODELS J245V, JD245V, & QD			
VOLTAGE	208 / 3 / 50-60		
KW	15.2		
FULL LOAD AMPS	L1	L2	L3
	38.1	50.8	38.1
POWER SUPPLY	FUSE	WIRE	
	70A	4 AWG	
ELEMENTS	QTY	OHMS	
	10	6.83	
VOLTAGE	220 / 3 / 50-60		
KW	16.1		
FULL LOAD AMPS	L1	L2	L3
	38.1	50.8	38.1
POWER SUPPLY	FUSE	WIRE	
	70A	4 AWG	
ELEMENTS	QTY	OHMS	
	10	7.23	
VOLTAGE	240 / 3 / 50-60		
KW	17.6		
FULL LOAD AMPS	L1	L2	L3
	38.1	50.8	38.1
POWER SUPPLY	FUSE	WIRE	
	70A	6 AWG	
ELEMENTS	QTY	OHMS	
	10	7.88	

KILN ASSEMBLY



SECTIONS CONTROLLED BY EACH OF THE 'DYNA-TROL' OUTPUTS:

OUTPUT #1 (TOP)

OUTPUT #2 (CENTER)

OUTPUT #3 (BOTTOM)

Output Numbers refer to Dyna-Trol Outputs on Automatic Kilns only.



CAUTION: DO NOT PLUG KILN SECTIONS DIRECTLY TO LINE VOLTAGE

1 PHASE CONTROL PANELS:

MODEL	(AUTO/MANUAL)	WIRING DIAGRAM
J245V	(MANUAL)	K262-107
JD245V	(AUTO)	K262-157

3 PHASE CONTROL PANELS:

MODEL	(AUTO/MANUAL)	WIRING DIAGRAM
J245V	(MANUAL)	K262-108
JD245V	(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

REV#	DATE	REVISION DESCRIPTION
B	12/15/14	ADDED QUAD
A	6/15/09	REPLACED UL MARK WITH MET CERTIFIED MARK & ADDED NEW LOC
0	10/18/04	FIRST ISSUE
505 SHARPTOWN ROAD SWEDESBORO, NJ 08085		
PHONE: (856) 294-0077 FAX: (856) 294-0076		
L&L Kilns hotkilns.com		
TITLE JUPITER KILN WIRING DIAGRAM MODEL J245V and JD245V FOR LARGE HEAVY-DUTY SERIES ELEMENTS 1 or 3 PHASE KILN ASSEMBLY 5 SECTIONS, No Power Bottom		
DRAWN BY	G.D.L.	REV. CODE
DATE	10/18/04	SCALE 1 = 8
CHK	G.D.L.	APP
JOB NO	SER NO	SHEET NO. OF
FILE NAME 1-1511 KILN WIRING KILN		MATERIAL

B

K039-120