



SAFETY SWITCH BY CUSTOMER
 Connect to 240 Volt, 2 Wire, Single Phase - or
 220 Volt, 2 Wire, Single Phase - or
 208 Volt, 2 Wire, Single Phase
 50 or 60 Cycles.
SEE POWER REQUIREMENTS TABLE ABOVE.

NOTES:
 All control & power wiring is No. 14 AWG, SEWF-2.
 Industrial & commercial applications may require the installation
 of a LOCKOUT/TAGOUT device to prevent the Kiln from operating
 during maintenance.

PLUG
 NEMA 6-50P
 POWER CORD

This Kiln is recommended to be wired & connected to an approved
 U. L. & NEC configured receptacle 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.

JD14-R REQUIREMENTS	
208 VOLTS	1 PHASE
50-60 HZ	4.7 KW
22.5 AMPS	30 A Class H FUSES
220 VOLTS	1 PHASE
50-60 HZ	4.8KW
22.1 AMPS	30 A Class H FUSES
240 VOLTS	1 PHASE
50-60 HZ	4.9 KW
20.3 AMPS	30 A Class H FUSES

MODEL JD14-R =
 ZONES 1 THRU 3
 1-13 1/2" RING
 1-6 1/2" RING

ELECTRICAL PARTS LIST

SYMBOL	QTY	DESCRIPTION	SHOP PART NO.	CUSTOMER PART NO.
PLUG	1	72" POWER PLUG, NEMA 6-50P	E-CRD-372050-A1	L-G-PC50/72
1TB	1	POWER CONNECTION BOARD	E-TER-2X6095-A1	L-J-PBSM/01
1TAS	1	BARTLETT DYNATROL	T-DAW-LT3240-A1	N-G-TO00/00
T/C	3	THERMOCOUPLES (14 Ga - 18")	(COMPOSITE)	T-B-1814/00
C	1	POWER RELAYS	E-CNT-EQ252Y-A1	L-G-RL25/12
1FU	1	CONTROL FUSE	E-FUS-AGC2F5-A1	L-C-FS05/00
1FUB	1	PANEL MOUNT FUSE HOLDER	E-FUB-P20101-A1	L-G-FSPB/00
1TGS	1	ON/OFF TOGGLE SWITCH	E-SWT-XN1003-A1	L-G-SWTG/00
XFRMR	1	STEP DOWN TRANSFORMER	E-TRD-206VAS-A1	L-G-TR24/00
R	1	SINGLE RECEPTACLE NEMA 6-15R	E-REC-S15250-A1	L-J-SR15/00
R	1	DUPLEX RECEPTACLE NEMA 6-15R	E-REC-D15250-A1	L-J-DR00/00
P	VARIABLES	22" PLUGS NEMA 6-15P	E-CRD-3220150-A1	L-J-JC00/00
H (240)	4-6	240 Volt HEATING ELEMENTS	.	E-J-1400/30
H (208)	4-6	208 Volt HEATING ELEMENTS	.	E-J-1400/20
H (220)	4-6	220 Volt HEATING ELEMENTS	.	E-J-1400/40
2TAS	1 (OPT)	DAWSON KILN SITTER	T-DAW-LT3240-A1	N-G-LT30/00
2TAS	1 (OPT)	50 HZDAWSON KILN SITTER	T-DAW-LT3240-A2	N-G-LT30/50

REV#	DATE	REVISION DESCRIPTION
A	11/13/08	UPDATED LOGO, ADDRESS, TITLE BLOCK, & BORDER
0	8/25/98	ADDED GROUND WIRE TO CENTER TAP

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

TITLE ECONO KILN WIRING DIAGRAM
 MODEL JD14-R
 Complete with DynaTrol Dynamic
 208 or 220 or 240 Volts / 1 Phase

DRAWN BY	G.D.L.	REV. CODE	A	DRAWING NO.	K025-150
DATE	11/26/97	SCALE	1 = 8	SHEET NO.	OF
CHK		APP			
JOB NO	STANDARD	SER NO			
FILE NAME	L:\NEW\LKILN\SERIES		MADE FROM	K035-150.dwg	
	K023-150.dwg				