



JD2927 POWER REQUIREMENTS	
208 VOLTS	1 PHASE
50-60 HZ	12.5 KW
60.0 AMPS	80 A Class H FUSES
220 VOLTS	1 PHASE
50-60 HZ	12.54 KW
57.0 AMPS	80 A Class H FUSES
240 VOLTS	1 PHASE
50-60 HZ	13.68 KW
57.0 AMPS	80 A Class H FUSES

MODEL JD2927 =
ZONES 1 THRU 3
3 - 9" RINGS

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.

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.

ELECTRICAL PARTS LIST

SYMBOL	QTY	DESCRIPTION	SHOP PART NO.	CUSTOMER PART NO.
1TB	1	POWER CONNECTION BOARD	E-TER-2X6095-A1	L-J-PBSM/01
1TAS	1	DYNA~TROL DYNAMIC CONTROLLER	T-DAW-LT3240-A1	N-G-TO00/00
T/C	3	THERMOCOUPLES (14 Ga - 18")	(COMPOSITE)	T-B-1814/00
C	3	POWER RELAYS	E-CNT-E0252Y-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 (6 VA)	E-TRD-206VAS-A1	L-G-TR24/00
FU	6	ELEMENT FUSES	E-FUS-BN2030-A1	L-G-FS30/00
FUB	6	ELEMENT FUSE HOLDERS	E-FUB-HPF630-A1	L-G-FSPB/30
R	1	SINGLE RECEPTACLE NEMA 6-20R	E-REC-S20250-A1	L-J-SR20/00
R	2	DUPLEX RECEPTACLES NEMA 6-20R	E-REC-D20250-A1	L-J-DR20/00
P	VARIABLES	22" PLUGS NEMA 6-20P	E-CRD-322020-A1	L-J-JC29/00
P	VARIABLES	45" PLUGS NEMA 6-20P	E-CRD-345020-A1	L-J-JC45/00
H (240)	9-15	240 Volt HEATING ELEMENTS		E-J-2300/30
H (208)	9-15	208 Volt HEATING ELEMENTS		E-J-2300/20
H (220)	9-15	220 Volt HEATING ELEMENTS		E-J-2300/40
2TAS	1 (OPT)	DAWSON KILN SITTING	T-DAW-LT3240-A1	N-G-LT30/00
2TAS	1 (OPT)	150 HZ DAWSON KILN SITTING	T-DAW-LT3240-A2	N-G-LT30/50

C	11/16/06	UPDATED LOGO, ADDRESS, TITLE BLOCK, & BORDER
B	7/28/98	ADD ISO RELAYS; GROUNDED CTR TAP; USE ALL 45" CORDS
A	11/13/97	CHANGED ZONE NUMBERING
O	10/16/97	MISC AS-BUILT NOTATION CHANGES
REV#	DATE	REVISION DESCRIPTION

505 SHARPTOWN ROAD
SWEDESBORO, NJ 08085

L&L Kilns
hotkilns.com

PHONE: (856) 294-0077
FAX: (856) 294-0070

TITLE: **ECONO KILN WIRING DIAGRAM**
MODELS JD2927
Complete with DynaTrol Dynamic
208 or 220 or 240 Volts / 1 Phase

DRAWN BY	G.D.L.	REV. CODE	C	DRAWING NO.	K043-150
DATE	9/29/97	SCALE	1 = 8		
CHK		APP			
JOB NO	STANDARD	SER NO		SHEET NO.	OF
FILE NAME	L:\EVL\KILN\SERIES		MADE FROM	K043-100.dwg	
	K043-150.dwg				