



JD2927-MG POWER REQUIREMENTS
 380/230 VOLTS
 3 PHASE
 50 HZ
 13.11 KW
 19.0 AMPS
 30 A Class H FUSES

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

SAFETY SWITCH BY CUSTOMER
 Connect to 380/230 Volt, Three 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-3X6175-A1	L-J-PBLG/02
1TAS	1	DYN~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	3	SINGLE RECEPTACLE NEMA 6-20R	E-REC-S20250-A1	L-J-SR20/00
P	3	45" PLUGS NEMA 6-20P	E-CRD-345020-A1	L-J-JC45/00
H (240)	9	230 Volt HEATING ELEMENTS		E-J-2300/xx
2TAS	1 (OPT)	50 HZ DAWSON KILN SITTER	T-DAW-LT3240-A2	N-G-LT30/50

REV#	DATE	REVISION DESCRIPTION
B	10/28/08	ADDED MET CERTIFIED MARK & NEW LOGO
A	3/8/99	CHANGED FROM 230V-DELTA TO 380/230-WYE
0	1/26/99	NO CHANGES FROM PREL ISSUE

L&L Kilns
 hotkilns.com

805 SHARPTOWN ROAD
 SWEDESBORO, NJ 08085

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

TITLE JUPITER KILN WIRING DIAGRAM
MODEL JD2927-MG
Complete with DynaTrol Dynamic
380-230 Volts / Wye 3 Phase

DRAWN BY	GDL	REV. CODE	DRAWING NO.
DATE	1/6/99	SCALE	1 = 8
CHK		APP	
JOB NO	STANDARD	SER NO	~
FILE NAME	L:\E\L\LLKILN\MG_ENG		MADE FROM
	KS990103.dwg		K043-153.dwg

B **KS990103**

SHEET NO. 1 OF 1