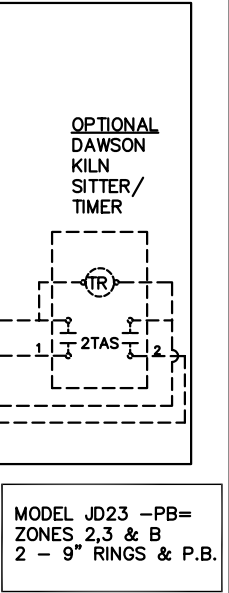


JD23 - PB POWER REQUIREMENTS	
208 VOLTS 3 PHASE 50-60 HZ 7.6 KW 25.4 AMPS 40 A Class H FUSES	
220 VOLTS 3 PHASE 50-60 HZ 8.1 KW 25.4 AMPS 40 A Class H FUSES	
240 VOLTS 3 PHASE 50-60 HZ 8.8 KW 25.4 AMPS 40 A Class H FUSES	



**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 Safety 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	SHOP PART NO.	CUSTOMER PART NO.
1TB	1	POWER CONNECTION BOARD	E-TER-3X6175-A1	L-G-PBLG/02
1TAS	1	BARTLETT DYNATROL	T-DAW-LT3240-A1	N-G-T000/00
T/C	3	THERMOCOUPLES (14 Ga - 18")	(COMPOSITE)	T-B-1814/00
C	1	POWER RELAYS	E-CNT-E0252Y-A1	L-G-RL25/12
IR	1	ISOLATING RELAY	E-CNT-E0252Y-A1	L-G-RL25/12
RECT	1	BRIDGE RECTIFIER	E-RCT-02100X-A1	L-G-BRIG/RF
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-DR20/00
P	VARIABLES	22" CORDS NEMA 6-15P	E-CRD-336015-A1	L-J-JC36/00
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 SITTER	T-DAW-LT3240-A1	N-G-LT30/00
2TAS	1 (OPT)	50 HZ DAWSON KILN SITTER	T-DAW-LT3240-A2	N-G-LT30/50

**ECONO KILN WIRING DIAGRAM**  
**MODEL JD23-PB**  
 Complete with DynaTrol Dynamic  
 208 or 220 or 240 Volts / 3 Phase

DRAWN BY: <b>G.D.L.</b> DATE: 11/26/97 CHK: . JOB NO: STANDARD FILE NAME: L:\NEW\KILN\SERIES\K035-152.dwg	REV. CODE: <b>A</b> SCALE: 1 = 8 APP: . SER NO: - MADE FROM: K035-150.dwg	REVISION DESCRIPTION: A 11/13/08 UPDATED LOGO, ADDRESS, TITLE BLOCK, & BORDER 0 5/8/98 ADD ISO RELAY; CHG'D ZONE NO.S; ADD GRD WIRE-CTR TAP	DRAWING NO.: <b>K035-153</b> SHEET NO.   OF
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