



<b>JD230-PB POWER REQUIREMENTS</b>
208 VOLTS 1 PHASE 50-60 HZ 10.7 KW 51.3 AMPS 70 A Class H FUSES
220 VOLTS 1 PHASE 50-60 HZ 11.3 KW 51.3 AMPS 70 A Class H FUSES
240 VOLTS 1 PHASE 50-60 HZ 12.4 KW 51.3 AMPS 70 A Class H FUSES
<b>JD236-PB POWER REQUIREMENTS</b>
208 VOLTS 1 PHASE 50-60 HZ 13.7 KW 65.9 AMPS 90 A Class H FUSES
220 VOLTS 1 PHASE 50-60 HZ 14.5 KW 65.9 AMPS 90 A Class H FUSES
240 VOLTS 1 PHASE 50-60 HZ 15.8 KW 65.9 AMPS 90 A Class H FUSES

OPTIONAL  
DAWSON  
KILN  
SITTER/  
TIMER

MODEL JD230-PB =  
ZONES 1, 2, 4 & B  
3 - 9" RINGS & P.B.

MODEL JD236-PB =  
ZONES 1 THRU 4 & B  
4 - 9" RINGS & P.B.

**ELECTRICAL PARTS LIST**

SYMBOL	QTY	DESCRIPTION	SHOP PART NO.	CUSTOMER PART NO.
1TB	1	POWER CONNECTION BOARD	E-TER-2X6175-A1	L-G-PBLG/01
1TAS	1	DYNA-TROL DYNAMIC CONTROLLER	T-DAW-LT3240-A1	N-G-T000/00
T/C	3	THERMOCOUPLES (14 Ga - 18")	(COMPOSITE)	T-B-1814/00
C	5	POWER RELAYS	E-CNT-E0252Y-A1	L-G-RL25/12
IR	2	ISOLATING RELAY	E-CNT-E0252Y-A1	L-G-RL25/12
RECT	2	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 (30 VA)	E-TRD-230VAS-A1	L-G-TR24/30
FU	10	ELEMENT FUSES	E-FUS-BN2030-A1	L-G-FS30/00
FUB	10	ELEMENT FUSE HOLDERS	E-FUB-HPF630-A1	L-G-FSPB/30
R	VARIABLE	SINGLE RECEPTACLE NEMA 6-20R	E-REC-S20250-A1	L-J-SR20/00
P	VARIABLE	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 SITTER	T-DAW-LT3240-A1	N-G-LT30/00
2TAS	1 (OPT)	150 HZ DAWSON KILN SITTER	T-DAW-LT3240-A2	N-G-LT30/50

REV# DATE REVISION DESCRIPTION

A 11/16/08 UPDATED LOGO, ADDRESS, TITLE BLOCK, & BORDER

0 7/29/98 ADDED ISO RELAYS; GROUNDED CTR TAP; USE 20A PLUGS

**Kilns**  
hotkilns.com

505 SHARPTOWN ROAD  
SWEDESBORO, NJ 08085

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

**ECONO KILN WIRING DIAGRAM**  
**MODELS JD230-PB & JD236-PB**  
Complete w/ DynaTrol Dynamic-Powered Bottom  
208 or 220 or 240 Volts / 1 Phase

DRAWN BY **G.D.L.** REV. CODE **A** DRAWING NO. **K037-152**

DATE 11/26/97 SCALE 1 = 8

CHK APP

JOB NO. STANDARD SER NO. SHEET NO. OF

FILE NAME L:\EVL\KILN\SERIES IK038-150.dwg MADE FROM IK043-150.dwg