



JD236 POWER REQUIREMENTS

208 VOLTS
1 PHASE
50-60 HZ
12.2 KW
58.6 AMPS
80 A Class H FUSES

220 VOLTS
1 PHASE
50-60 HZ
12.9 KW
58.6 AMPS
80 A Class H FUSES

240 VOLTS
1 PHASE
50-60 HZ
14.0 KW
58.6 AMPS
80 A Class H FUSES

JD245 POWER REQUIREMENTS

208 VOLTS
1 PHASE
50-60 HZ
15.2 KW
73.3 AMPS
100 A Class H FUSES

220 VOLTS
1 PHASE
50-60 HZ
16.12 KW
73.3 AMPS
100 A Class H FUSES

240 VOLTS
1 PHASE
50-60 HZ
17.6 KW
73.3 AMPS
100 A Class H FUSES

MODEL JD236 =
 ZONES 1,2,4 & 5
 4 - 9" RINGS

MODEL JD245
 ZONES 1 THRU 5
 5 - 9" RINGS

ELECTRICAL PARTS LIST

SYMBOL	QTY	DESCRIPTION	SHOP PART NO.	CUSTOMER PART NO.
1TB	1	POWER CONNECTION BOARD	E-TER-6X175-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
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	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	36" PLUGS 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) 150 HZ DAWSON KILN SITTER	T-DAW-LT3240-A2	N-G-LT30/50

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Kilns
 hotkilns.com

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ECONO KILN WIRING DIAGRAM
MODELS JD236 & JD245
 Complete with DynaTrol Dynamic
 208 or 220 or 240 Volts / 1 Phase

DRAWN BY G.D.L. **REV. CODE** A **DRAWING NO.** K038-150

DATE 11/26/97 **SCALE** 1 = 8

CHK **APP**

JOB NO. STANDARD **SER NO.** **SHEET NO.** OF

FILE NAME L:\EVL\KILN\SERIES K038-150.dwg **MADE FROM** K043-150.dwg