



J236 POWER REQUIREMENTS	
208 VOLTS	3 PHASE
50-60 HZ	12.2 KW
38.0 AMPS	50 A Class H FUSES
220 VOLTS	3 PHASE
50-60 HZ	12.9 KW
38.0 AMPS	50 A Class H FUSES
240 VOLTS	3 PHASE
50-60 HZ	14.0 KW
38.0 AMPS	50 A Class H FUSES

J245 REQUIREMENTS	
208 VOLTS	3 PHASE
50-60 HZ	15.2 KW
50.7 AMPS	70 A Class H FUSES
220 VOLTS	3 PHASE
50-60 HZ	16.1 KW
50.7 AMPS	70 A Class H FUSES
240 VOLTS	3 PHASE
50-60 HZ	17.6 KW
50.7 AMPS	70 A Class H FUSES

MODEL J236 =
ZONES 1 THRU 4
4 - 9" RINGS

MODEL J245 =
ZONES 1 THRU 5
5 - 9" RINGS

TO CONVERT TO AUTOMATIC CONTROL:
Contact Factory for information on adding 6P if not already included, and ordering and installing a separate Control System which plugs into 6P, and also has its own 115 Volt power cord.

SAFETY SWITCH BY CUSTOMER
Connect to 240 Volt, Three Phase - or
220 Volt, Three Phase - or
208 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-G-PBLG/02
1TAS	1	DAWSON KILN SITTER W/ TIMER	T-DAW-LT3240-A1	N-G-LT30/00
1TAS	1 (OPT)	50Hz DAWSON KILN SITTER W/ TIM	T-DAW-LT3240-A2	N-G-LT30/50
C (240)	3	POWER CONTACTORS	E-CNT-D02521-A1	L-G-RI 30/30
C (208)	3	POWER CONTACTORS	E-CNT-D02521-A2	L-G-RI 30/20
SM (240)	5	INPUT ZONE SWITCHES	E-INF-240XXX-A1	L-J-INEQ/30
SM (208)	5	INPUT ZONE SWITCHES	E-INF-208XXX-A1	L-J-INEQ/20
LT	5	INPUT ZONE PILOT LIGHTS	E-PIL-SR250V-A1	L-G-PIL0/00
FU	VARIABLES	ELEMENT FUSES	E-FUS-BN2030-A1	L-G-FS30/00
FUB	VARIABLES	ELEMENT FUSE BLOCKS	E-FUB-HPF630-A1	L-G-FSPB/30
R	1	SINGLE RECEPTACLE NEMA 6-15R	E-REC-S15250-A1	L-J-SR15/00
R	2	DUPLEX RECEPTACLES NEMA 6-15R	E-REC-D15250-A1	L-J-DR00/00
P	VARIABLES	36" PLUGS NEMA 6-15P	E-CRD-336015-A1	L-J-JC36/00
H (240)	8-10	240 Volt HEATING ELEMENTS	.	F-J-2900/30
H (208)	8-10	208 Volt HEATING ELEMENTS	.	F-J-2900/20
H (220)	8-10	220 Volt HEATING ELEMENTS	.	F-J-2900/40
6P (opt)	1	INSTRUMENT RECEPTACLE	E-CNE-S302RP-A1	L-G-JNFM/00

11/16/09 UPDATED LOGO, ADDRESS, TITLE BLOCK, & BORDER

6/25/97 CHANGED FROM 5 RELAYS TO 3

2/24/97 ISSUED AS REV 0 - NO CHANGES FROM REV P

REV# DATE REVISION DESCRIPTION

Kilns
hotkilns.com

805 SHARPTOWN ROAD
SWEDSBORO, NJ 08085

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

ECONO KILN WIRING DIAGRAM
MODELS J236 & J245

Complete with Dawson Kiln Sitter
208 or 220 or 240 Volts / 3 Phase

DRAWN BY **J.E.M.** REV. CODE **B** DRAWING NO. **K038-103**

DATE 1/22/97 SCALE 1 = 8

CHK APP

JOB NO. STANDARD SER NO. SHEET NO. OF

FILE NAME L:\NEW\KILN\SERIES K038-103.dwg MADE FROM NEW