

J14 POWER REQUIREMENTS	
208 VOLTS	1 PHASE
50-60 HZ	3.1 KW
15.0 AMPS	20 A Class H FUSES
220 VOLTS	1 PHASE
50-60 HZ	3.2 KW
14.71 AMPS	20 A Class H FUSES
240 VOLTS	1 PHASE
50-60 HZ	3.2 KW
13.5 AMPS	20 A Class H FUSES

J14-R REQUIREMENTS	
208 VOLTS	1 PHASE
50-60 HZ	4.7 KW
22.5 AMPS	30 A Class H FUSES
220 VOLTS	1 PHASE
50-60 HZ	4.8KW
22.1 AMPS	30 A Class H FUSES
240 VOLTS	1 PHASE
50-60 HZ	4.9 KW
20.3 AMPS	30 A Class H FUSES

<b>MODEL J14 =</b>
ZONES 1
1-13 1 1/4" RING
<b>MODEL J14-R =</b>
ZONES 1 & 2
1-13 1 1/4" RING
1-6 1 1/2" RING

**SAFETY SWITCH BY CUSTOMER**  
 Connect to 240 Volt, 2 Wire, Single Phase - or  
 220 Volt, 2 Wire, Single Phase - or  
 208 Volt, 2 Wire, Single Phase  
 50 or 60 Cycles.  
**SEE POWER REQUIREMENTS TABLE ABOVE.**

**TO CONVERT TO AUTOMATIC CONTROL:**  
 Contact Factory for information on ordering and installing  
 a separate Control System, which has a power receptacle  
 into which you can plug the Kiln.

**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.

NEMA 6-50P  
POWER CORD


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.
PLUG	1	72" POWER PLUG, NEMA 6-50P	E-CRD-372050-A1	L-G-PC50/72
1TB	1	TERMINAL BOARD	L-J-PB00/01	
1TAS	1	DAWSON KILN SITTER W/ TIMER	T-DAW-LT3240-A1	N-G-LT30/00
1TAS	1 (OPT)	50 Hz DAWSON KILN SITTER W/TIM	T-DAW-LT3240-A2	N-G-LT30/50
SM (240)	2	INPUT ZONE SWITCHES	E-INF-240XXX-A1	L-J-INFO/30
SM (208)	2	INPUT ZONE SWITCHES	E-INF-208XXX-A1	L-J-INFO/20
LT	2	INPUT ZONE PILOT LIGHTS	E-PIL-SR250V-A1	L-G-PILO/00
IC	1	INTERCONNECT CORD	E-CRD-328050-A1	L-G-INCD/00
R	1	DUPLEX RECEPTACLES NEMA 6-15P	E-REC-D15250-A1	L-J-DR00/00
P	VARIABLES	22" PLUGS NEMA 6-15P	E-CRD-322015-A1	L-J-JC00/00
H (240)	4-6	240 Volt HEATING ELEMENTS		E-J-1400/30
H (208)	4-6	208 Volt HEATING ELEMENTS		E-J-1400/20
H (220)	4-6	220 Volt HEATING ELEMENTS		E-J-1400/40

505 SHARPTOWN ROAD  
 SWEDESBORO, NJ 08085

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



**ECONO KILN WIRING DIAGRAM**  
**MODELS J14 & J14-R**  
 Complete with Dawson Kiln Sitter  
 208 or 220 or 240 Volts / 1 Phase

DRAWN BY <i>J.E.M.</i>	REV. CODE <b>A</b>	DRAWING NO. <b>K023-101</b>
DATE 1/22/97	SCALE 1 = 8	SHEET NO.   OF
JOB NO STANDARD	SER NO -	FILE NAME L:\NEW\LLKILN\USERIES K023-100.dwg
MADE FROM J-14, J-14R (Manual L&L Mfg. Dwg)		