

**SINGLE PHASE MODELS:**

**MODEL JD230SV-PB**

VOLTAGE	208 / 1 / 50-60		
KW	12.6		
FULL LOAD AMPS	L1	L2	L3
	60.6	60.6	∞
POWER SUPPLY	80A	3 AWG	
ELEMENTS	QTY	OHMS	
(E-J-230S/2V)	6	5.79	
(E-J-230S/2H)	1	24.0	
VOLTAGE	220 / 1 / 50-60		
KW	13.3		
FULL LOAD AMPS	L1	L2	L3
	60.5	60.5	∞
POWER SUPPLY	80A	3 AWG	
ELEMENTS	QTY	OHMS	
(E-J-230S/4V)	6	6.13	
(E-J-230S/4H)	1	25.5	
VOLTAGE	240 / 1 / 50-60		
KW	14.5		
FULL LOAD AMPS	L1	L2	L3
	60.5	60.5	∞
POWER SUPPLY	80A	3 AWG	
ELEMENTS	QTY	OHMS	
(E-J-230S/3V)	6	6.68	
(E-J-230S/3H)	1	27.8	

**THREE PHASE MODELS:**

**MODELS JD230SV-PB**

VOLTAGE	208 / 3 / 50-60		
KW	12.6		
FULL LOAD AMPS	L1	L2	L3
	37.5	30.0	37.5
POWER SUPPLY	50A	6 AWG	
ELEMENTS	QTY	OHMS	
(E-J-230S/2V)	6	5.79	
(E-J-230S/2H)	1	24.0	
VOLTAGE	220 / 3 / 50-60		
KW	13.3		
FULL LOAD AMPS	L1	L2	L3
	37.4	30.0	37.4
POWER SUPPLY	50A	6 AWG	
ELEMENTS	QTY	OHMS	
(E-J-230S/4V)	6	6.13	
(E-J-230S/4H)	1	25.5	
VOLTAGE	240 / 3 / 50-60		
KW	14.5		
FULL LOAD AMPS	L1	L2	L3
	37.4	30.0	37.4
POWER SUPPLY	50A	6 AWG	
ELEMENTS	QTY	OHMS	
(E-J-230S/3V)	6	6.68	
(E-J-230S/3H)	1	27.8	

**1 PHASE CONTROL PANELS:**

MODEL	(AUTO/MANUAL)	WIRING DIAGRAM
JD230SV-PB	(AUTO)	K263-155
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.	.	.

**3 PHASE CONTROL PANELS:**

MODEL	(AUTO/MANUAL)	WIRING DIAGRAM
JD230SV-PB	(AUTO)	K263-156
.	.	.
.	.	.



**SEE CONTROL PANEL WIRING DIAGRAM FOR WIRING CONNECTIONS TO KILN ZONE RECEPTACLES**

**NOTES:**

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 disconnect switch and properly fused according to the KW

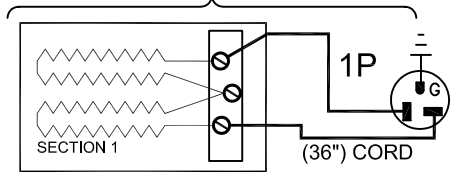
load specification listed on the Kiln Nameplate. L&L Kiln Mfg., Inc., also recommends fuses rather than circuit breakers to prevent nuisance tripping.

**ELECTRICAL PARTS LIST**

SYMBOL	QTY	DESCRIPTION	CUSTOMER PART NO.
1-3P	3	36" PLUGS NEMA 6-20P	L-J-JC36/00
BP	1	45" PLUGS NEMA 6-20P	L-J-JC45/00
.	.	.	.
.	.	.	.

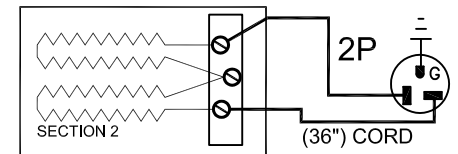
**KILN ASSEMBLY**

OUTPUT #1 (TOP)

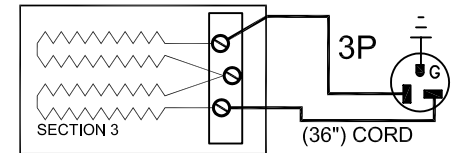


SECTIONS CONTROLLED BY EACH OF THE 'DYNA-TROL' OUTPUTS:

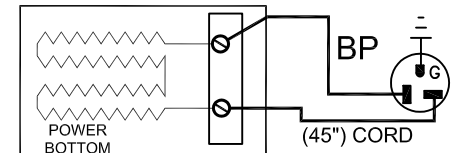
OUTPUT #2 (CENTER)



OUTPUT #3 (BOTTOM)



OUTPUT #4 (P.B.)



Output Numbers refer to Dyna-Trol Outputs on Automatic Kilns only.



**CAUTION: DO NOT PLUG KILN SECTIONS DIRECTLY TO LINE VOLTAGE**

A	6/15/09	REPLACED UL MARK WITH MET CERTIFIED MARK & ADDED NEW LOGO
0	10/13/04	FIRST ISSUE
REV#	DATE	REVISION DESCRIPTION

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TITLE: **JUPITER KILN WIRING DIAGRAM  
MODEL JD230SV-PB  
FOR LARGE HEAVY-DUTY SERIES ELEMENTS  
1 or 3 PHASE KILN ASSEMBLY  
3 SECTIONS, With Power Bottom**

DRAWN BY	G.D.L.		REV. CODE	DRAWING NO.
DATE	10/13/04	SCALE	1 = 8	A
CHK	G.D.L.	APP		K037-123
JOB NO.	SER NO.		SHEET NO. 1 OF 1	
FILE NAME	L:\E\KILN\WIRING\KLN		MADE FROM	VK037-113
	IK037-123.dwg			