

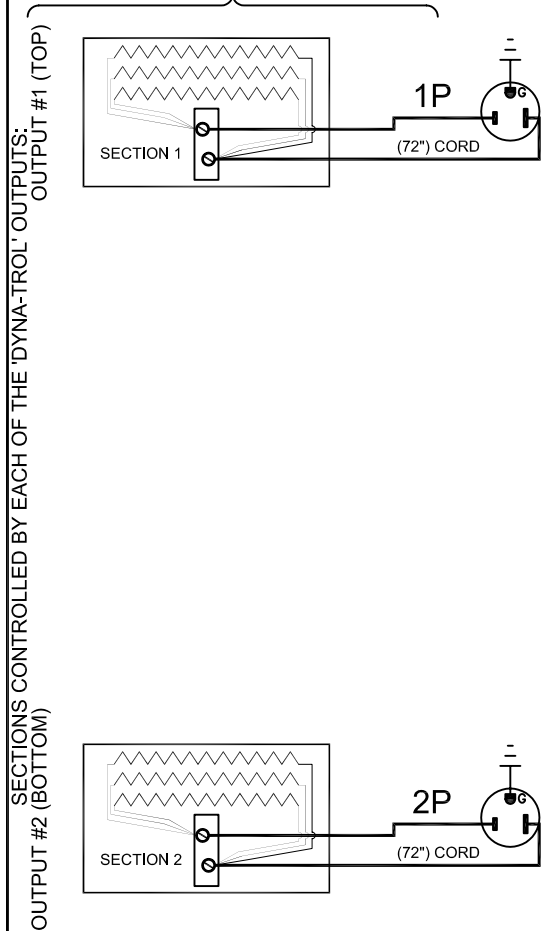
SINGLE PHASE MODELS:

MODELS XB3218 & XB3218-D		
VOLTAGE	208 / 1 / 50-60	
KW	14.2	
FULL LOAD AMPS	L1 L2 L3	
	68.3 68.3 X	
POWER SUPPLY	FUSE WIRE	
	90A 2 AWG	
ELEMENTS (E-X-32B0/20)	QTY OHMS	
	6 18.3	
VOLTAGE	220 / 1 / 50-60	
KW	14.2	
FULL LOAD AMPS	L1 L2 L3	
	64.5 64.5 X	
POWER SUPPLY	FUSE WIRE	
	80A 3 AWG	
ELEMENTS (E-X-32B0/40)	QTY OHMS	
	6 20.5	
VOLTAGE	240 / 1 / 50-60	
KW	14.2	
FULL LOAD AMPS	L1 L2 L3	
	59.2 59.2 X	
POWER SUPPLY	FUSE WIRE	
	80A 3 AWG	
ELEMENTS (E-X-32B0/30)	QTY OHMS	
	6 24.3	

THREE PHASE MODELS:

MODELS XB3218 & XB3218-D			
VOLTAGE	208 / 3 / 50-60		
KW	14.2		
FULL LOAD AMPS	L1 L2 L3		
	34.1 59.1 34.1		
POWER SUPPLY	FUSE WIRE		
	80A 3 AWG		
ELEMENTS (E-X-32B0/20)	QTY OHMS		
	6 18.3		
VOLTAGE	220 / 3 / 50-60		
KW	14.2		
FULL LOAD AMPS	L1 L2 L3		
	32.3 55.9 32.3		
POWER SUPPLY	FUSE WIRE		
	70A 4 AWG		
ELEMENTS (E-X-32B0/40)	QTY OHMS		
	6 20.5		
VOLTAGE	240 / 3 / 50-60		
KW	14.2		
FULL LOAD AMPS	L1 L2 L3		
	29.6 51.2 29.6		
POWER SUPPLY	FUSE WIRE		
	70A 4 AWG		
ELEMENTS (E-X-32B0/30)	QTY OHMS		
	6 24.3		

KILN ASSEMBLY



1 PHASE CONTROL PANELS:

3 PHASE CONTROL PANELS:

MODEL	(AUTO/ MANUAL)	WIRING DIAGRAM	MODEL	(AUTO/ MANUAL)	WIRING DIAGRAM
XB3218	(MANUAL)	K264-101	XB3218	(MANUAL)	K264-102
XB3218-D	(AUTO)	K264-151	XB3218-D	(AUTO)	K264-152



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.
P	2	72" PLUGS NEMA 6-50P	L-G-PC50/72

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



CAUTION: DO NOT PLUG KILN SECTIONS DIRECTLY TO LINE VOLTAGE

REV#	DATE	REVISION DESCRIPTION
A	6/22/09	REPLACED UL MARK WITH MET CERTIFIED MARK & ADDED NEW LOGO
0	9/25/02	MISC CHANGES FOR RELEASE

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TITLE **DaVINCI KILN WIRING DIAGRAM**
MODELS XB3218 & XB3218-D
1 or 3 PHASE KILN ASSEMBLY
2 SECTIONS, No Power Bottom

DRAWN BY G.W.L.	REV. CODE A	DRAWING NO. K126-110
DATE 1/11/01	SCALE 1 = 8	
CHK G.D.L.	APP	
JOB NO	SER NO	SHEET NO. OF
FILE NAME L:\EVL\KILN\WIRING\KLN IK126-110.dwg	MADE FROM	DAVINCNK105-101.dwg