



PARTS LIST			
ITEM	PART NUMBER	DESCRIPTION	QTY
1	582005	24v TRANSFORMER	1
2	582008	BLOWER MOTOR	1
3	582010	NAT GAS VALVE OR	1
	582016	LP GAS VALVE	1
4	582011	NAT IGNITION ELECTRODE OR	1
	582015	LP IGNITION ELECTRODE	1
5	582012	HIGH VOLTAGE LEAD (NOT SHOWN)	1
6	582019	IGNITION CONTROL MODULE	1
7	582026	MAIN ORIFICE MOUNTING FLANGE	1
8	582017	FLAME SPREADER	1

9 PILOT ORIFICE SIZE CHART	
NATURAL	BCR-24
LP	BCR-18

10 MAIN ORIFICE SIZE CHART		
75,000 BTU-HR	NATURAL GAS	#19 (.166")
75,000 BTU/HR	LP GAS	#37 (.104")
150,000 BTU/HR	NATURAL GAS	#1 (.228")
150,000 BTU/HR	LP GAS	#29 (.136")

FIRING CAPACITY			
FIRING RATE BTU/HR KW	75,000 22	150,000 44	
SPX-300	X		
SPK-500	X		
SP-700			X
SP-750			X
SP(K)-1000			X

120v WIRING

WHITE —•— WHITE/ORANGE
 BLACK —•— ORANGE
 GREEN —•— GREEN

* CONVERSION KITS ARE AVAILABLE

TITLE:
120v P250 BURNER EXPLODED VIEW
 594001 - 75,000 BTU **NAT** (594035 MIRROR IMAGE)
 594002 - 75,000 BTU **LP** (594036 MIRROR IMAGE)
 594003 - 150,000 BTU **NAT** (594043 MIRROR IMAGE)
 594004 - 150,000 BTU **LP** (594044 MIRROR IMAGE)



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MODELS: SPX-300 S/N: ALL
 SPK-500 S/N: K500001 TO PRESENT
 SP-700 S/N: ALL
 SP-750 S/N: ALL
 SP(K)-1000 S/N: ALL

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES
 TOLERANCES
 LINEAR: +/- 0.005"
 ANGULAR: +/- 0.1°

MATERIAL: _____
 FINISH: _____

SIZE A3 DWG NO. **SPEXpl-B002** REV **1**

DO NOT SCALE DRAWING SCALE:1:1 DRAWN BY: DAVE LEWSADER DATE: 12/30/2019 SHEET 1 OF 1