



REV. NO.	CON. NO.	CHK. NO.	SCALE	DATE	DWG. NO.
				7/2/63	800023

  

1	DA.	DT.	TOLERANCES: FRACTION 1/32 • DECIMAL 0.001
2	CR.		PARTS IDENTIFICATION
3	APP.		7/ JB SERIES BURNERS
4	REF.		PART I.D. CHART 810003
5			ENGINEERING & MANUFACTURING CO., INC.
6			619 Industrial Road • Wichita, KS 67156 Phone 1-800-435-1123 • FAX 1-316-212-1447

**JB CYCLONETIC BURNER  
PARTS IDENTIFICATION CHART**

REF. 800023

REF. NO.	DESCRIPTION	TYPE OF BURNER		
		GAS	OIL	GAS-OIL
1	COMBUSTION HEAD ASSEMBLY (C.A.)	X	X	X
1A	NOSE CHOKE CONE	X	X	X
1B	RETENTION PLATE	X	X	X
1C	COMBUSTION HEAD (W.A.)	X	X	X
2	OIL NOZZLE (S)		X	X
3	OIL NOZZLE ADAPTER		X	X
4	GAS PILOT ASSEMBLY	X	X	X
5	IGNITION GTO CABLE	X	X	X
6	DIFFUSER ASSEMBLY	X	X	X
7	OIL IGNITION ELECTRODE R.H.		X	X
8	OIL IGNITION ELECTRODE L.H.		X	X
9	IGNITION GTO CABLE		X	X
10	FUEL TUBE	X	X	X
11	BLOWER HOUSING ACCESS COVER	X	X	X
12	PIPE NOZZLE (S)	X		X
13	ELBOW	X		X
14	MANUAL SHUTOFF VALVE	X		X
15	GAS METERING VALVE	X		X
15A	GAS METERING VALVE LINKAGE ARM	X		X
16	GAS VALVE	X		X
17	BLOWER MOTOR	X	X	X
18	MOTOR MOUNTING PLATE	X	X	X
19	BLOWER WHEEL	X	X	X
20	AIR INLET CONE	X	X	X
21	LOUVER BOX	X	X	X
22	LOUVER BOX OPENING COVER	X	X	X
23	PUMP COUPLING		X	X
24	OIL PUMP		X	X
25	SPRING	X	X	X
26	AIR LOUVER ASSEMBLY	X	X	X
27	AIR LOUVER DRIVE ROD	X		X
28	AIR LOUVER LINKAGE ARM	X		X
28A	GAS VALVE LINKAGE ARM	X		X
29	OIL CYLINDER		X	X
29A	OIL CYLINDER MOUNTING BRACKET		X	X
29B	OIL CYLINDER LINKAGE ARM		X	X
30	2-1/8" MICA DISK	X	X	X
31	DISK ADAPTER RING	X	X	X
32	FLOOR FLANGE	X	X	X

REF. NO.	DESCRIPTION	TYPE OF BURNER		
		GAS	OIL	GAS-OIL
33	PEDESTAL STAND PIPE	X	X	X
34	PEDESTAL BASE	X	X	X
35	BLOWER HOUSING	X	X	X
36	FLAME DETECTOR MOUNTING BRACKET	X	X	X
37	FLAME DETECTOR	X	X	X
38	OIL SOLENOID VALVE		X	X
39	OIL PRESSURE REGULATOR		X	X
40	BYPASS OIL VALVE		X	X
41	GAS PILOT PRESSURE REGULATOR	X	X	X
42	GAS PILOT SOLENOID VALVE	X	X	X
42A	PILOT SOLENOID VALVE MOUNTING BRACKET	X	X	X
43	AIR PRESSURE TUBE	X	X	X
44	AIR FLOW SWITCH	X	X	X
45	GAS IGNITION TRANSFORMER	X		X
46	OIL IGNITION TRANSFORMER		X	X
47	CONTROL CABINET	X	X	X
48	FLAME SAFEGUARD BASE	X	X	X
49	FLAME SAFEGUARD	X	X	X
50	BLOWER MOTOR CONTACTOR	X	X	X
51	TERMINAL STRIP	X	X	X
52	POWER ON LIGHT	X	X	X
53	FUEL ON LIGHT	X	X	X
54	FUSE	X	X	X
55	ON-OFF TOGGLE SWITCH	X	X	X
56	FUEL SELECT TOGGLE SWITCH			X
57	TIME DELAY BLOCK	X	X	X
58	MANUAL POTENTIOMETER	X	X	X
59	MODULATING MOTOR	X	X	X
60	DRIVE ROD-JACKSHAFT	X	X	X
61	DRIVE ROD-AIR LOUVER	X	X	X
62	JACKSHAFT	X	X	X
63	JACKSHAFT MOUNTING BRACKET	X	X	X
64	DRIVE ROD-GAS METERING	X		X
65	DRIVE ROD-OIL METERING		X	X
66	OIL METERING VALVE		X	X
67	UNIVERSAL JOINT CONNECTOR	X	X	X
68	LINKAGE ARM	X	X	X
69	SCANNER SIGHT TUBE FOR SPARK IGNITED OIL		X	X