



PARTS LIST				
ITEM	DESCRIPTION	PART NO	MATL	QTY
1	AIR SOLENOID VALVE	NOTE 2	BRASS	1
2	GAS SOLENOID VALVE	1119	BRASS	1
3	AIR PRESSURE REGULATOR	1275	ZINC ALLOY	1
4	GAS PRESSURE REGULATOR	1320	ZINC ALLOY	1
5	AIR PRESSURE GAUGE	77 7003 00	MS	1
6	GAS PRESSURE GAUGE	77 7002 00	MS	1
7	JUNCTION BOX	75 7004 00	AL ALLOY	1
8	MIXER BODY (NOTE 1)	20 1221 00	MS	1
9	AIR JET (NOTE 3)	20 1210 00	BRASS	1
10	GAS JET (NOTE 3)	30 1152 00	BRASS	1
11	BANJO BOLT	20 1218 00	MS	1
12	GAS INLET SPACER	20 1217 00	MS	1
13				
14				
15				
16	SEALING WASHER	70 2015 00	COPPER	3
17	GAS REGULATOR TOP CAP	1321	MS	1
18	BANJO BODY	73 1013 00	BRASS	1
19	HEX NIPPLE	20 1201 00	MS	1
20	SOLENOID COIL	NOTE 2	PLASTIC	2
21	AIR INLET BKT	20 1204 00	MS	1
22	GAS INLET BKT	20 1205 00	MS	1
23	HEX NIPPLE	20 1203 00	MS	2
24	CABLE, 300 LONG	86 7004 00	PVC	2
25	SUBPLATE	20 1220 00	MS	1
26	SETSCREW, M5 X 20, PAN HD	71 2010 00	CS	4
27	NUT	71 2011 00	CS	4
28	SETSCREW, M6 X 16, HEX HD	71 2007 00	CS	6
29	NUT	71 2009 00	CS	6
30	TEE	20 1215 00	MI	1
31	BUSH	20 1216 00	BRASS	1
32	CABLE GLAND	86 7001 00	BRASS	2
33	AIR REGULATOR TOP CAP	1276	MS	1

NOTES

1. MIXER SHOWN IS 1/2" BSP TYPE SUITABLE FOR TORCHES WITH CAPACITIES LESS THAN 180,000 BTU/HR. FOR TORCHES BETWEEN 180,000 AND 280,000 BTU/HR THE MIXER BODY SUPPLIED IS 3/4" BSP, P/N 20 1219 00.

2. SOLENOID VALVES
 AC SUPPLY: AIR VALVE BODY P/N 1117
 DC SUPPLY: AIR VALVE BODY P/N 1118
 SOLENOID COIL VOLTAGES
 110VAC P/N 20 1100 00
 230VAC P/N 20 1101 00
 24VDC P/N 20 1104 00
 50VDC P/N 20 1105 00

3. AIR AND GAS JETS

TORCH	AIR ø	GAS ø
P78	3	0.9
J120	3.5	1.2
J170	4	1.5
J250	4.5	1.6

4. GAS PRESSURE REGULATOR
 THE STANDARD REGULATOR IS FITTED WITH A 0-50PSI SPRING. FOR LOW PRESSURE (3-10PSI) APPLICATIONS A 0-10PSI SPRING IS FITTED.
 0-10 PSI SPRING FOR GAS REGULATOR: 77 7020 00

5. CABLE IS OMITTED FOR DRAWING CLARITY.

AIR/GAS MIXTURE O/P
 1/2" BSP HOSE CONNECTION

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SCALE: 1:1 PART NO: CA170B MATL: AS STATED

CONTRACT: —

CLIENT: —

END USER: —

TITLE: PREMIX UNIT

REV.	DATE	DESCRIPTION	BY	CH'D
A	4/7/05	CONVERTED TO CAD. DCR 1359	CC	RE
-	18/1/96	FIRST ISSUE	CC	-

A1/IG/ 8511A