

Microm SERVICE GUIDE

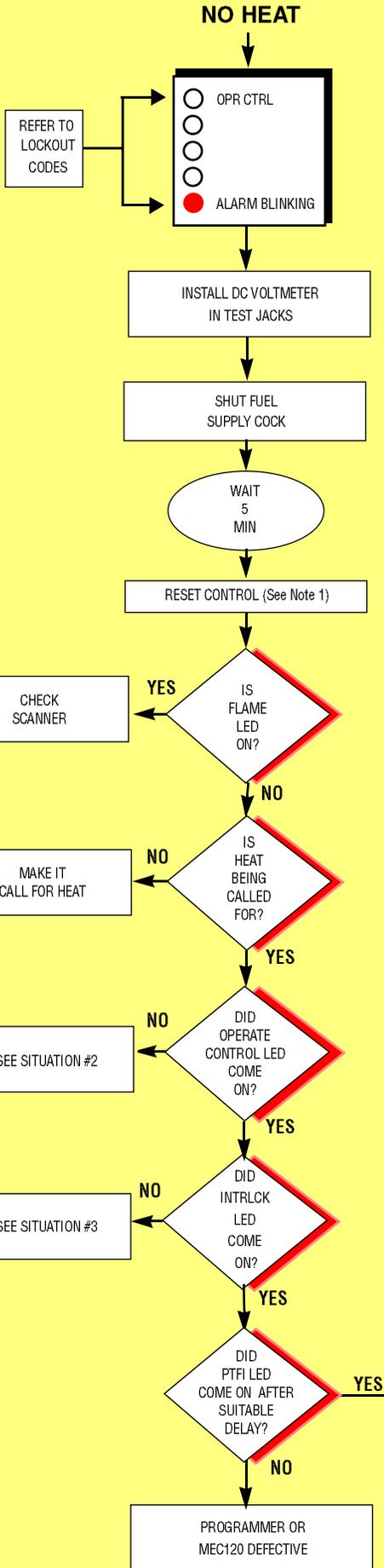
SITUATION #1 NORMAL LOCKOUT

IF ALL LIGHTS BLINKING AND ALARM LIGHT STEADY THEN SYSTEM ERROR REPLACE PROGRAMMER

MEP100 4-7 SECONDS

MEP230 PREPURGE DELAY TIME

LOCKOUT MESSAGE	OP CTRL	INTRLCK	PTFI	FLAME
LINE FREQUENCY NOISE	●	○	○	●
FLAME FAIL - PTF1	○	●	●	●
FAULT UNKNOWN	●	●	●	●
AMPLIFIER COUNT FAIL	○	○	○	○
FLAME FAIL MTF1	○	○	●	●
FALSE FLAME IDLE	○	●	○	○
INTRLCK OPEN	●	●	●	○
INTRLCK CLOSED	○	●	●	○
CHASSIS OPTO	●	●	○	●
FLAME FAIL-AUTO	○	●	○	○
CHECK CHASSIS	○	○	○	●
CHECK PROGRAMMER	○	○	●	○
CHECK AMPLIFIER	●	○	○	○
AMPLIFIER AUTO CHECK	●	○	●	○
CHECK BLOWN FUSE	●	○	●	●
CHECK SCANNER	●	●	○	○



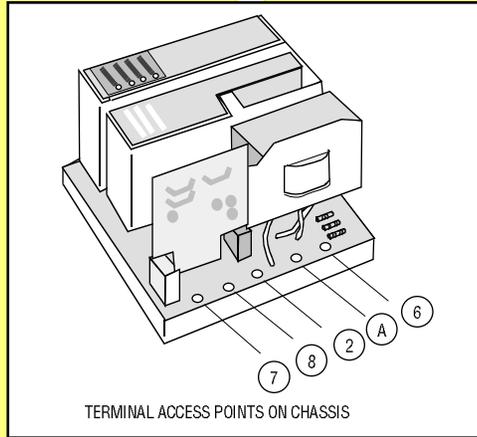
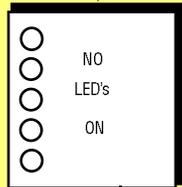
Note 1:
TO RESET THE CONTROL, POWER
MUST BE ON TERMINALS 1 & 2

UV = 570 VAC
FR = 270 VAC
IR = 15 VDC



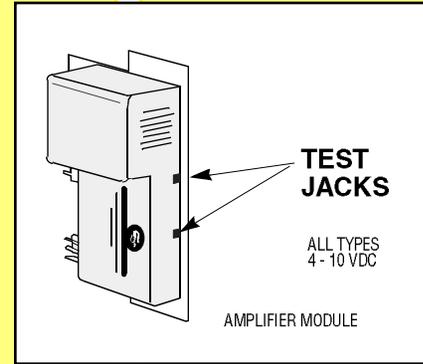
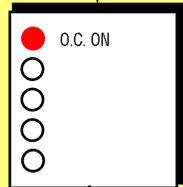
SITUATION #2

NO HEAT



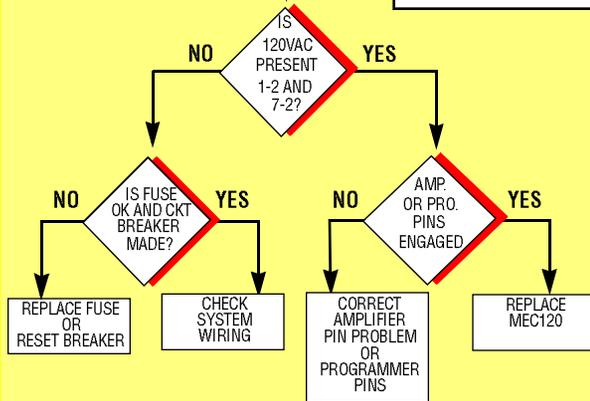
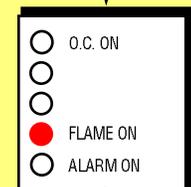
SITUATION #3

NO HEAT

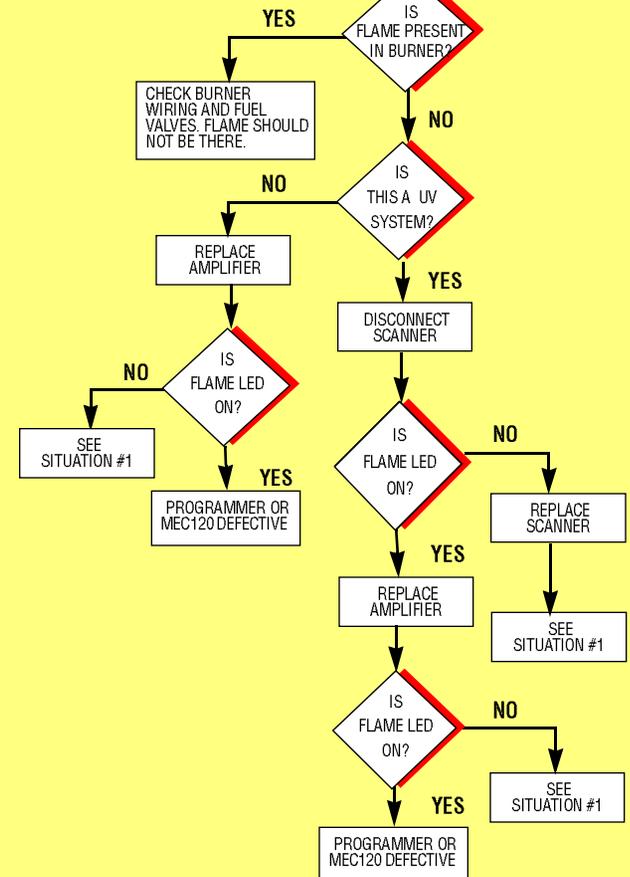
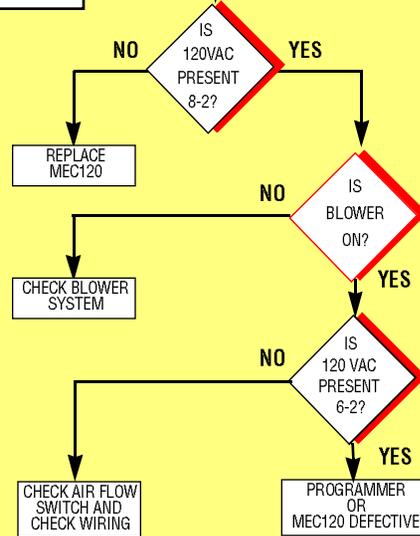


SITUATION #4

NO HEAT



MicroM Fuse 10 amps
Fireye Part Number: 23-197
or
Wickmann Part Number: 378-2100-0-41
(or Wickmann older Part Number: 19373-071-K)



TROUBLESHOOTING TIPS

1. Verify that there is a solid earth ground wire brought to the panel that the Fireye base is mounted to.
2. In a rectification system, verify that terminal S1 is solidly earth grounded, and confirm that the flame rod is aligned so it doesn't droop near the ignition spark.
3. Confirm that there is no measurable voltage present between the ground screw and terminal 2 (neutral).
4. Confirm that the 120 volt AC supply has its neutral leg earth grounded at the supply, (floating isolation transformers can cause problems).
5. Confirm that the ignition transformer's secondary winding is solidly earth grounded. The grounding method is usually through the transformer case. Dirt, paint, loose mounting hardware, etc., can all be factors.
6. There may be a problem with transients in the main power supply. If you think this may be the problem, you may want to run a ground wire directly from the pilot assembly back to the electrical panel where the Fireye control is mounted.