



**99-020 Rev C**

**2 May, 2007**

**RETROFIT OF PERM TUBE INTO M700 WITH OZONE GENERATOR**

**I. SCOPE:**

This service note provides instructions on installing a perm tube oven into a M700 calibrator that has the ozone generator option.

**II. PARTS:**

API P/N 014810000

**III. TOOLS:**

2 Adjustable wrenches  
Flat blade screwdriver  
Phillips head screwdriver  
Wire cutter and stripper

**IV. PROCEDURE:**

1. Remove power and cover from analyzer.
2. Remove screws from regulator bracket so that the regulator is accessible.
3. Remove ozone generator tube and 1/8" elbow from regulator. See drawing#00700-01 enclosed.
4. Install 1/8" tee to regulator. See drawing # 00700-01
5. Install tubing from tee to perm tube oven. See drawing # 00700-01
6. Reinstall tubing to ozone generator on new tee. Replace and secure regulator in its original position.
7. Remove existing solenoid valve and manifold assembly. (See drawing # 00700-01) Replace with the new solenoid valve and manifold assembly.
8. Install tubing from perm tube oven to the new solenoid valve and manifold assembly. See drawing # 00700-01
9. Connect thermistor wires to J17 on motherboard. See drawing # 00700-01.
10. Connect heater wires to J8, Pin # 16 for hot, Pin # 2 for neutral, pin #9 is ground on power supply. See drawing # 1139
11. Leak check all new tubing connections and parts.
12. Connect power to analyzer and turn on.
13. Now you must tell the analyzer that you have installed the perm tube oven. On the front panel display go to SETUP – MORE – VARS – password is 818 – ENTER – down to line 39 Factory options. Change option package number. To do this, take the number that is already there and add 3 to it. Now enter the total and press enter.

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14. Check your instrument manual for any set up instructions, for this option that you might need to do.

If you have questions regarding this procedure or any API equipment, please contact an API Customer Service representative:

Phone: (858) 657-9800

Fax: (858) 657-9816

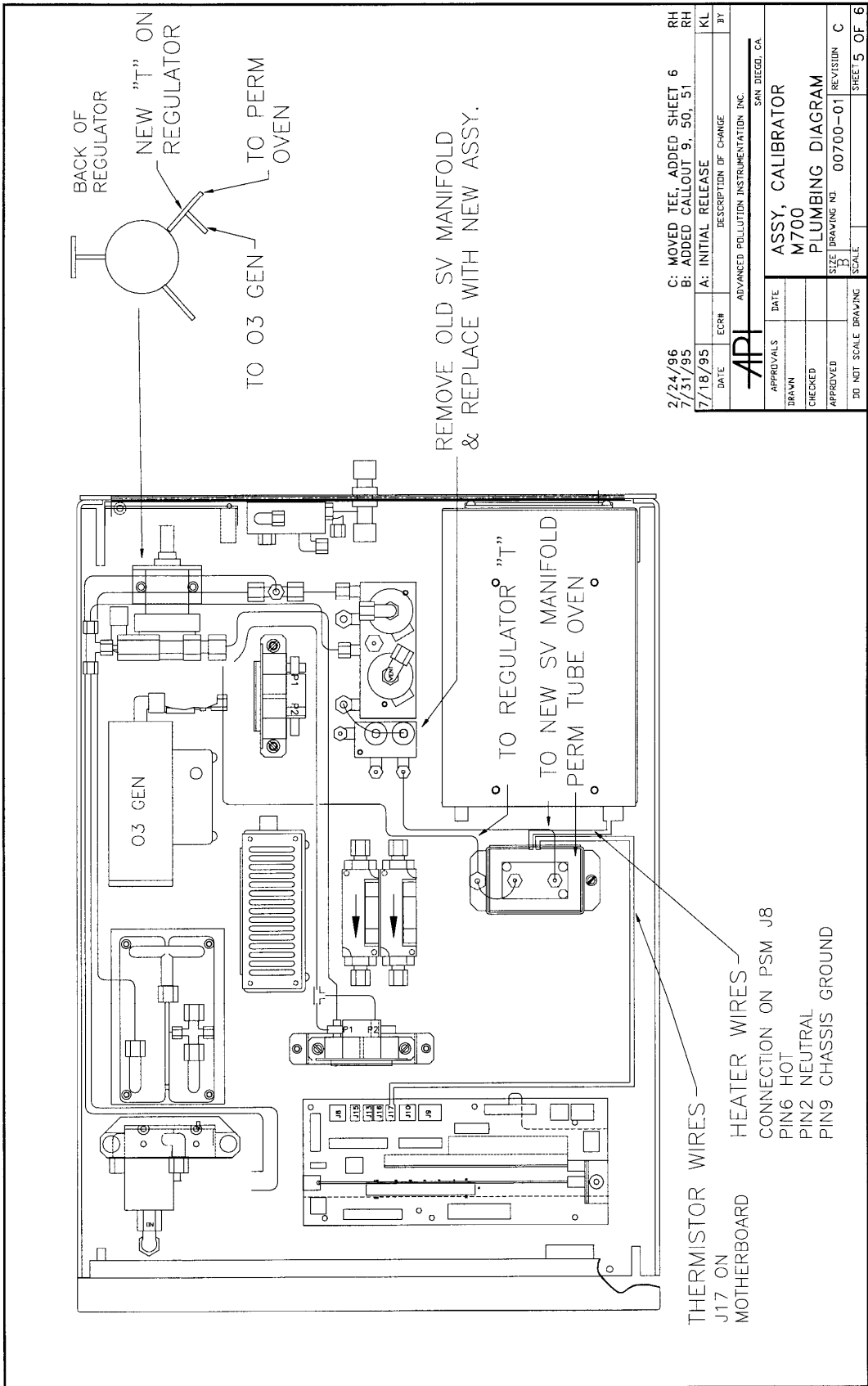
Email: [customerservice@advpol.com](mailto:customerservice@advpol.com)

WWW: <http://www.advpol.com>

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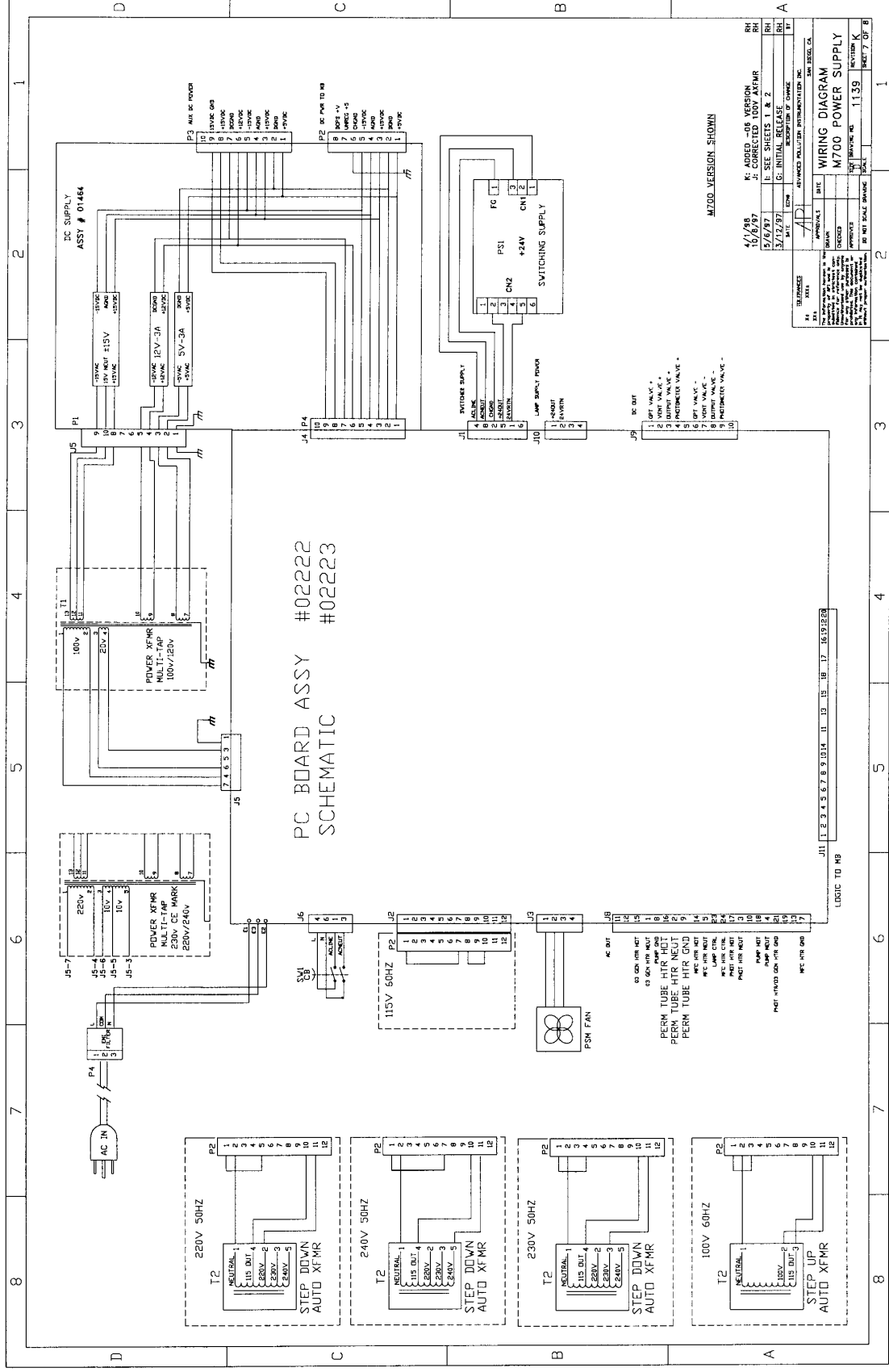
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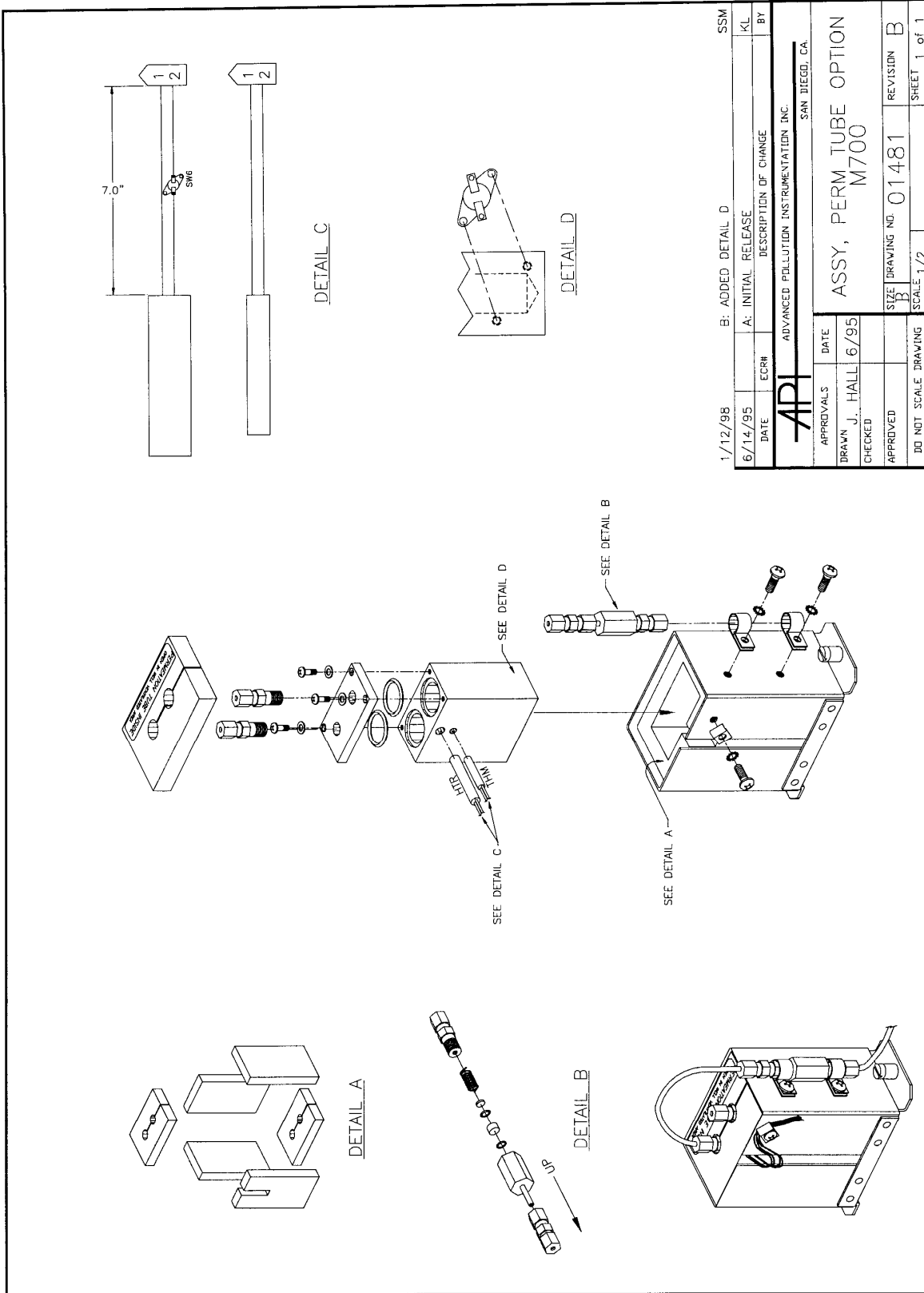
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