Maxitrol Selectra Modulation Valve Pressure Adjustment Procedure

1. Install manometer in the factory provided elbow port in the gas train post gas valves. If one is not available, drill and tap a hole for manometer use and have a plug for sealing it post procedure.
2. Remove wires from modulation valve to give it 0VDC which will put the valve into a high fire position.
3. Remove the dust cap on top of the valve to reveal the high and low fire adjustment screws.
4. Remove the high fire adjustment screw and the spring and plunger underneath it. \***NOTE**\* You will need a magnet to remove the plunger.
5. Once the spring and plunger are removed, the valve will now automatically be in its low fire position. Use the low fire adjustment screw and adjust to 0.9 – 1.0” w.c (for natural gas), or 3.5” w.c (for L.P).
6. When the low fire gas pressure is achieved, put the plunger and spring back into the high fire port of the modulation valve. Put the adjustment screw back in and adjust high fire pressure to 3.5” w.c (for natural gas) or 10” w.c (for L.P).
7. Reinstall the two wires back on the modulation valve.
* 0VDC to modulation valve = High fire
* 20VDC to modulation valve = OFF
* 12-16VDC to modulation valve = approximate low fire