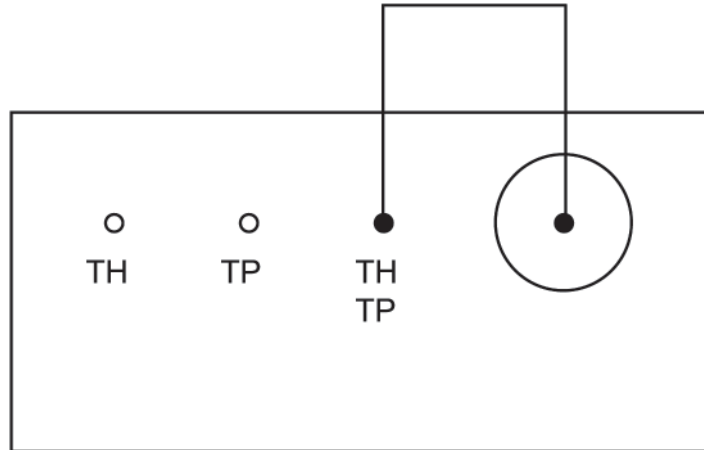




# SERVICE INSTRUCTIONS

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## TROUBLESHOOTING MILLIVOLT GAS VALVES PART # 023625 (NATURAL) & 023624 (LP)



### MILLIVOLT CONTROL VALVE

To check Resistance of the gas valve, connect one wire to the valve as shown.

1. Resistance between the THTP & TH terminals must be  $11.5 \Omega \pm 0.2 \Omega$
2. Resistance between THTP & TP must be  $10.0 \Omega \pm 0.2 \Omega$

If resistance is outside of specifications listed, the gas valve must be replaced.

**Thermopile readings:** With all wires connected, with the pilot on and burners off, the thermopile reading at the TP & THTP terminals should be  $\sim 325\text{mV}$ . With the burners on, the millivolt reading should be  $\sim 200\text{mV}$ . A replacement thermopile part # is 022770.