



## **BOILER PRESSURE REGULATOR AUTOMATICALLY ADJUSTS GAS BURNER TO KEEP BOILER AT PRE-SET PRESSURE**

PRESSURE RANGE :- 10 lbs - 90 lbs/sq"

### **OPERATION**

WHEN THE BOILER PRESSURE REACHES THE PRESSURE SET BY THE CONTROL WHEEL, THE GAS SUPPLY TO THE BURNER IS REDUCED TO A LEVEL SET BY AN INTERNAL PILOT VALVE, THIS KEEPS THE BURNER RUNNING AT A LOW MAINTAINING OUTPUT UNTIL THE BOILER PRESSURE DROPS, THE MAIN GAS SUPPLY IS THEN RESTORED AND THE CYCLE IS REPEATED.

### **SETUP**

MAKE THE CONNECTIONS TO THE VALVE AS SHOWN. Note (The valve will work in any attitude eg. Vertical horizontal or inverted.)

UNDO THE CONTROL WHEEL FULLY. **MAKE SURE THE CONNECTIONS ARE GAS TIGHT BEFORE LIGHTING THE BURNER.** WHEN THE BOILER HAS REACHED THE REQUIRED PRESSURE, TURN THE CONTROL WHEEL IN UNTIL THE BURNER OUTPUT IS REDUCED. SOME FINE ADJUSTMENT MAY BE NECESSARY AFTER A FEW CYCLES OF OPERATION.

