

DESCRIPTION OF REGULATING VALVE W. R. TYPE.

"A" indicates inlet, "B" outlet, "E" is spindle carrying pistons, "F" and "P" and Valve "L", which seats against the leather packing "L". In cap "R" is a small cylinder and piston "P" which has an opening "C". This is opened to the atmosphere and is piped up on one side of valve to prevent its being obstructed. At "K" is the pressure chamber. Inlet or high pressure is introduced constantly through needle valve "N". Pilot Regulator "O" is adjusted to any desired low pressure by means of hand wheel "H". Turning it in increases the pressure, turning it out reduces the pressure. In this valve one full turn of hand wheel increases or decreases the pressure about lbs.

Directions for SETTING AND OPERATING.

Set valve in pipe line perpendicular. (This valve will work in any position but the up-right is preferable.) To set valve to desired pressure, first place gauge on outlet side of valve. Air cock is provided for same. Turn hand wheel "H" on Pilot Valve "O" down or in to increase the pressure, back or out to reduce the pressure. Turn slowly. One full turn in either direction will raise or lower the pressure about 10 lbs. Be sure the pipe sent with valve is used so that vent "C" will always be open. Two air cocks are sent with valve so that a gauge can temporarily be put on either inlet or outlet side of valve when setting the pressure. Small eye bolt is for use to draw out main valve when repairs are necessary. Inlet is marked on casting. Needle valve "N" is on inlet side and is set to control or time the movement of main valve. Pilot Valve "O" on outlet side. It can be set to regulate from lbs.