

Flow Control Series

1340 Flow Control Valve



The Model 1340 Rate of Flow Control Valve prevents excessive flow by limiting flow to a preselected maximum rate, regardless of changing line pressure. It is a hydraulically operated, pilot controlled, diaphragm valve. The pilot control responds to the differential pressure produced across an orifice plate installed downstream of the valve. Accurate control is assured as very small changes in the controlling differential pressure produce immediate corrective action of the main valve. Flow rate adjustments are made by turning an adjusting screw on the pilot control.

The Model includes an orifice plate with a holder that should be installed one to five pipe diameters downstream of the Valve.

To guarantee accurate control of flow rate, there are several orifice plate with different hole optional for each size, see the additional table for selection of orifice.

1342 Flow Control and Pressure Reducing Valve

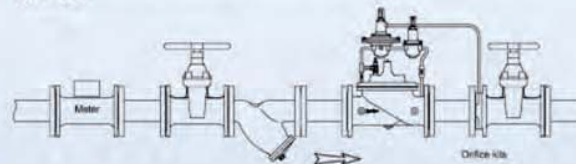


The Model 1342 Combination Flow control and Pressure reducing Valve automatically perform two independent functions.

It maintains a constant downstream pressure, regardless of fluctuating demand and prevents excessive flow by limiting flow to a preselected maximum rate, regardless of changing line pressure.

The Model includes an orifice plate with a holder that should be installed one to five pipe diameters downstream of the Valve.

To guarantee accurate control of flow rate, there are several orifice plate with different hole optional for each size, see the additional table for selection of orifice.



1340B Burst Control Valve



The Model 1340B Burst Control Valve is a hydraulically operated, diaphragm actuated control valve. It shuts off and locks drip tight upon sensing flow in excess of setting, until it is manually reset. As long as flow is lower than the setting, the valve remains fully open, minimizing head loss.