

# Ford Regulator Valve Corporation

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## DEFINITIONS BY FORD

### PRESSURE DIFFERENTIAL

The difference (psi) between inlet and outlet pressure.

### PRESSURE DROP

The difference in pressure (psi) on the outlet side of the valve during flow as opposed to no flow condition.

### DEAD END SETTING

The set outlet pressure which holds constant during no flow condition, without override allowance.

### SET VALUE or SET POINT OF VALVE

A terminology sometimes used, in presenting flow capacities. Actually, it is the outlet (reduced) pressure, set at minimum controllable flow. Frequently, flow charts (flow tables) neglect to define this terminology, and the resulting capacities measured appear deceiving. It is a fact, that the greater the pressure drop, the larger the volume of water (flow capacity). It is also a fact, that capacities measured below the set value (set point) of the valve will show a smaller pressure drop than the same capacities measured below the dead end setting of the valve.

### OVERRIDE

The difference between the set value (set point) of the valve and the dead end setting of valve.