

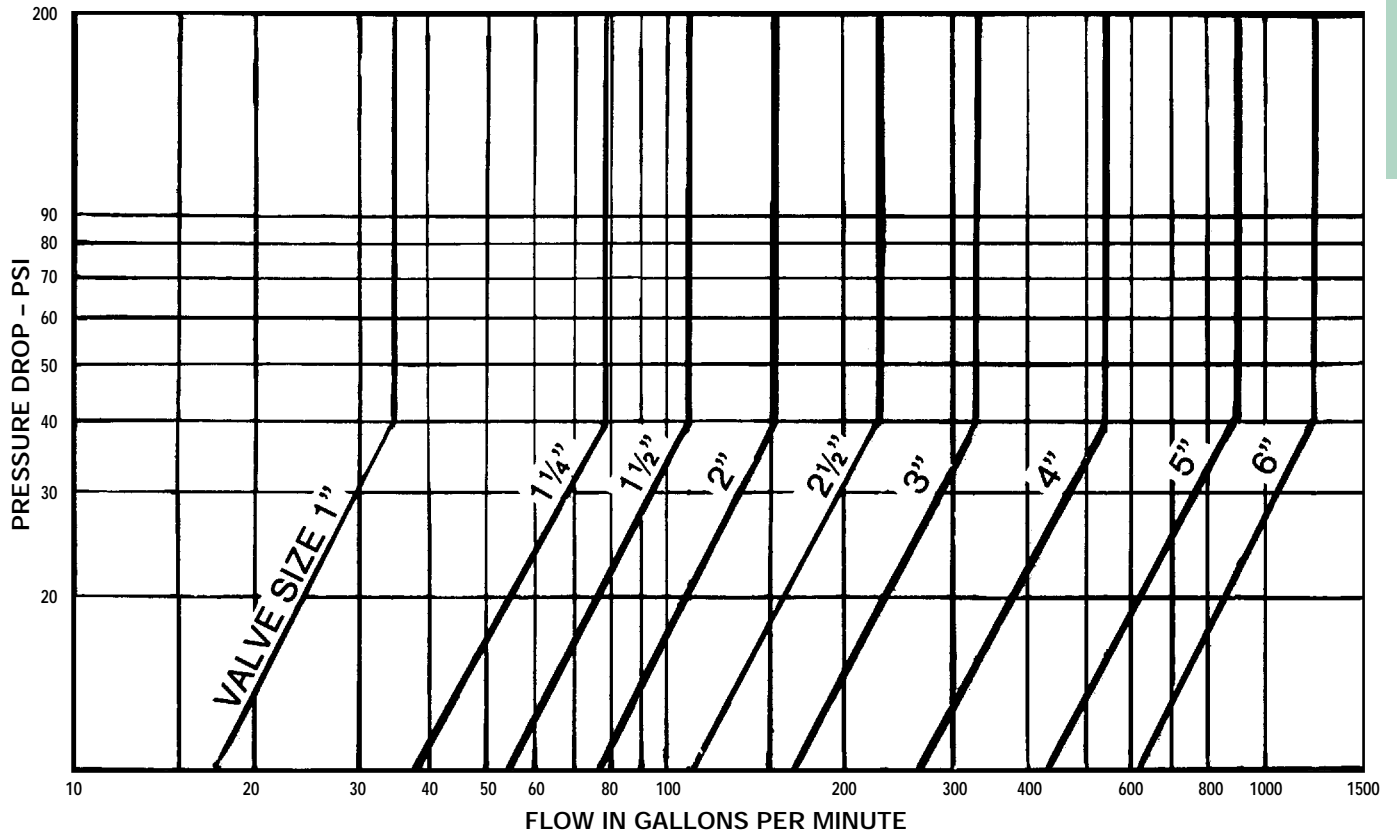
# RATED WATER CAPACITY CHART

## TYPE C34 PILOT OPERATED MAIN VALVE

(Specific Gravity of 1)

VALVE INFO  
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TYPE C34 WATER  
CAPACITY CHART



### VALVE SIZE SELECTION

Prior to selecting valve size, the maximum required flow and the pressure drop across the valve must be determined. Enter the Capacity Chart at the maximum required flow GPM and follow vertically to the intersection of the horizontal pressure drop line. The valve size nearest to, but to the right of this intersection is the smallest valve that will satisfy the flow requirements.

The vertical portion of the curves indicate the flow at which approximately 15 feet per second velocity is reached. By selecting the next larger size valve, a lower velocity may be maintained. For general service, 8 to 10 feet per second is recommended.

### EXAMPLE

Required maximum flow is 100 GPM, Inlet Pressure is 60 psi, Delivery Pressure is 35 psi (Pressure drop is 25 psi). Enter the Capacity Chart at the 100 GPM line and follow up to 25 psi pressure drop. It falls to the right of the 1 1/2" valve size line, therefore 2" is the minimum valve size required.