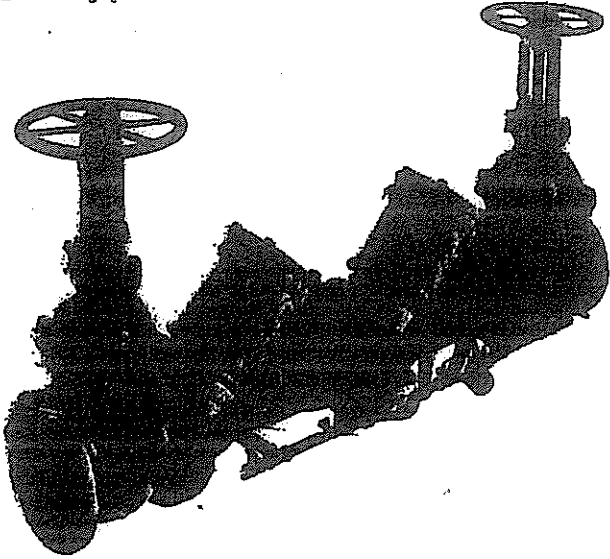


## DOUBLE CHECK VALVE

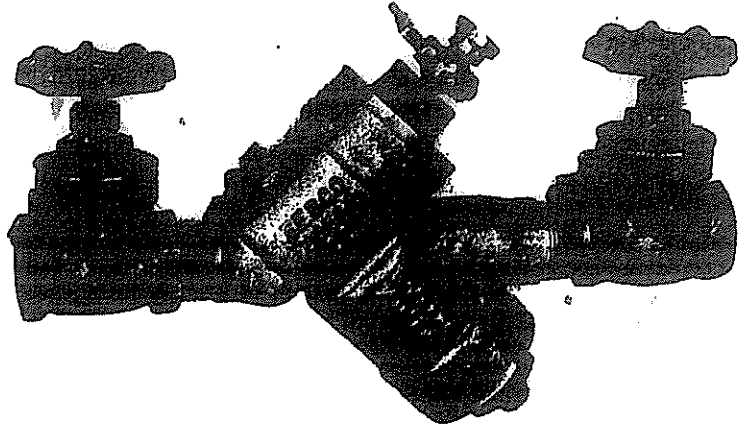
### Model 806DDC

This device consists of a mainline double check valve with a metered 3/4" by-pass double check valve connected around the mainline checks. The mainline pressure drop is slightly higher than the by-pass, thus all small flow up to the crossover point (approx. 9 GPM) is through the by-pass. Above the crossover point flow is through the mainline and the by-pass.



### Model 805Y

This device consists of two independently operating poppet type check valves. Each check valve is spring loaded to maintain a minimum of 1 PSIG differential pressure across the check in a no-flow condition. In a normal flow condition the checks open an amount corresponding to the flow rate. During a backflow (backpressure) situation the seat discs close and seal to prevent any flow reversal.



## Pressure Vacuum Breaker Installation

The pressure vacuum breaker (PVB) must be installed at least 12" above the highest piping or outlet downstream of the device. Acceptable devices are:

Wilkins - Model 720A  
Conbraco - Model 40-500

Watts - Model 800  
Febco - Model 765

Pressure Vacuum  
Breaker (PVB)

