



This product is a "Must!"

A specially designed product that becomes a "must" for every service truck. Plumbers, well service people, water softener repairmen, lawn sprinkler and turf service, as well as all other service professionals depend on the SENTRY FLOW METER for a variety of reasons.

The SENTRY FLOW METER was developed to provide accurate flow rates for all pumps from 0 - 100 psi, or flow rates anywhere from 4 - 28 gpm. The unique design was engineered after years of trying to diagnose water pressure problems in various applications. By adjusting the handy ball-valve, the SENTRY FLOW METER can tell you the condition of the pressure tank, pressure switch, pump and if there are any restrictions in the water line. This will help to determine if the problem is in the water pump system or in the water distribution system. The meter is also ideal for detecting scaling in pipes in city water applications by showing low flow rates and severe pressure drops.

Better Water Industries, Inc.

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IN-5
Item # SL9112



SENTRY FLOW METER

1. Attach the flow meter to a hydrant or hose bib by the pressure tank.

_____ psi
Kick-in pressure

2. Open the hydrant or hose bib to maximum flow. Partially close the ball valve to a slow water run until the pump starts. Read the pressure gauge.

_____ gpm
No head pressure

3. Open the ball valve. Read the flow meter.

_____ psi
Kick-out pressure

4. Close the ball valve. Allow pump to run until it turns off. Read the pressure gauge.

_____ gpm

5. With the pump running, adjust the ball valve until the pressure gauge reads 30 psi. Allow the water to run at least 1 minute at this pressure. Read the flow meter. Use this reading in conjunction with the SENTRY I sizing chart for proper chlorine feed adjustment. It also tells you how much water is available for other appliances and equipment.

_____ gpm

6. With the pump running, adjust the ball valve until the pressure gauge shows 40 psi. Allow water to run at least 1 minute at that pressure. Read the flow meter. The difference in the 30 psi reading and the 40 psi reading determines if the pump is in good condition. The gallons per minute should vary more than 25%

You will find many other uses for the SENTRY Flow Meter.

Note: Damage to the flow meter gauge will occur if exposed to freezing temperature for extended periods of time.

