

INSTALLATION INSTRUCTIONS

WATER FLOW DEVICE TEST KIT

The water flow device is used to determine if adequate water supply is available to support the machines that are connected to them. The device is equipped with a quarter turn ball shut off valve and a blank flare cap that permits the determination of Static Water Pressure (not flowing). In addition, there are three orifice flare caps used to determine the Water Flow Rate and Pressure.



FIGURE 1

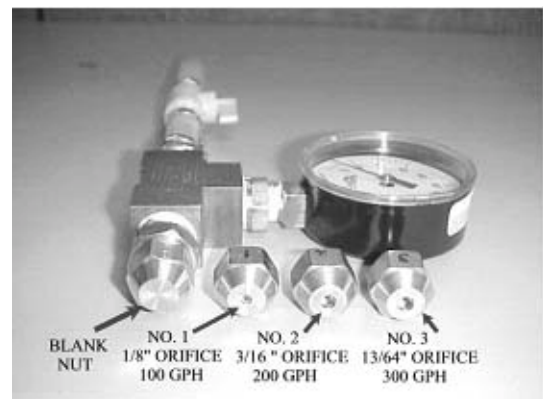


FIGURE 2

Connection:

Shut off water coming from the back room. Connect the water supply line using the applicable adapter fitting (not supplied) to the 1/2" ID pigtail on the water flow device. Turn off ¼ turn valve before turning on the back room water supply. After connected, proceed with the following.

Static Pressure Check:

Place the flare gasket and blank flare cap on the device. Open ¼ turn valve and read pressure gauge. If pressure reads below 25 PSIG there is no need to go any further. Correct the supply problem before proceeding. If the pressure exceeds 60 PSIG we recommend a water pressure regulator be installed.

Flowing Pressure Check:

Estimate the water usage of all equipment connected to the water delivery system (e.g. IntelliCarb = 125 GPH, a two flavor Pinnacle = 100 GPH, Total = 225 GPH). Select the Number 3 (13/64") orifice to insure that it can supply more than the 225 GPH required to operate both units.

Close the ¼ turn valve and remove the blank flare cap. Install the flare cap with the proper size orifice to match the flow rate desired and open the ¼ turn valve. Direct the water flow in to a large container, sink, or floor drain for at least 20 seconds. Read the pressure gauge while the water is flowing. If the gauge maintains 25 PSIG or higher, the water supply is sufficient for the flow rate that was selected.

Part Number	Stamp Number	Orifice Diameter	Flow Rate in Gallons Per Hour (GPH) at 25 PSIG
620718954	1	1/8"	100 GPH
620718955	2	3/16"	200 GPH
620718956	3	13/64"	300 GPH

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