

# MICRONIZER

The Micronizer is designed to be installed in the water line just prior to the inlet of the hydro-pneumatic tank it serves. This mechanism is a venturi that draws air into the water line thru the air inlet/check valve combination to continually charge the tank with air. The excess air in the tank is relieved thru an AVC assembly installed in tank.

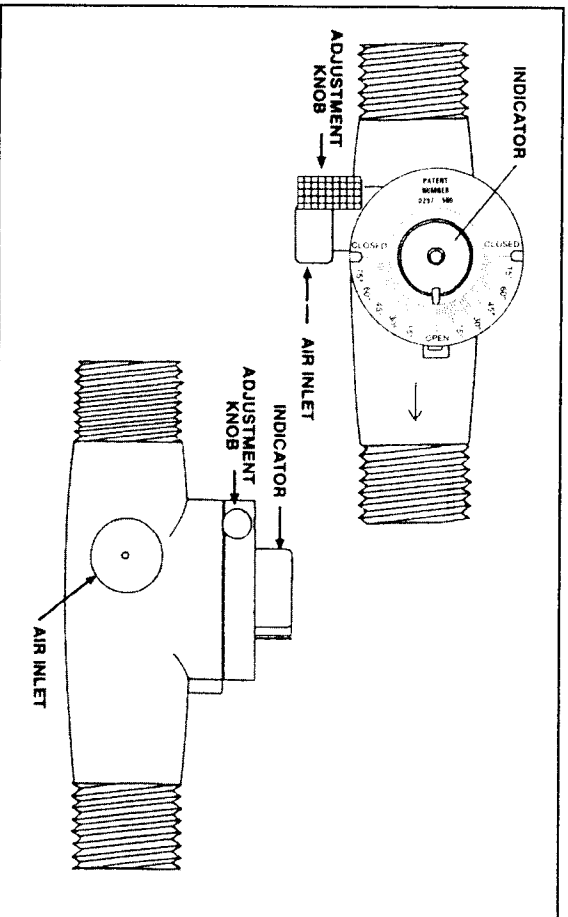
The Micronizer is shipped with the indicator arrow set at 15 degrees on the dial. This closes slightly, the larger of the two open holes inside to create a pressure differential that allows air to be drawn into the water line. The amount of air drawn in and draw time is adjusted with the adjustment knob.

**Do not assume a 30 degree setting means a 30% suction time.**

Properly installed and adjusted, micronizer's will draw air for 30% to 50% of the pump run time. For example, if the pump run time is one minute, a suction can be felt at the air inlet hole for 20 to 30 seconds.

See installation instructions on reverse side of sheet.

Pressure Range	Flow Range	Pipe Range	Height	Width	Length
10 - 60 PSI	5 - 15 GPM	1" NPT	3 1/4"	3"	5 1/2"



## INSTALLATION

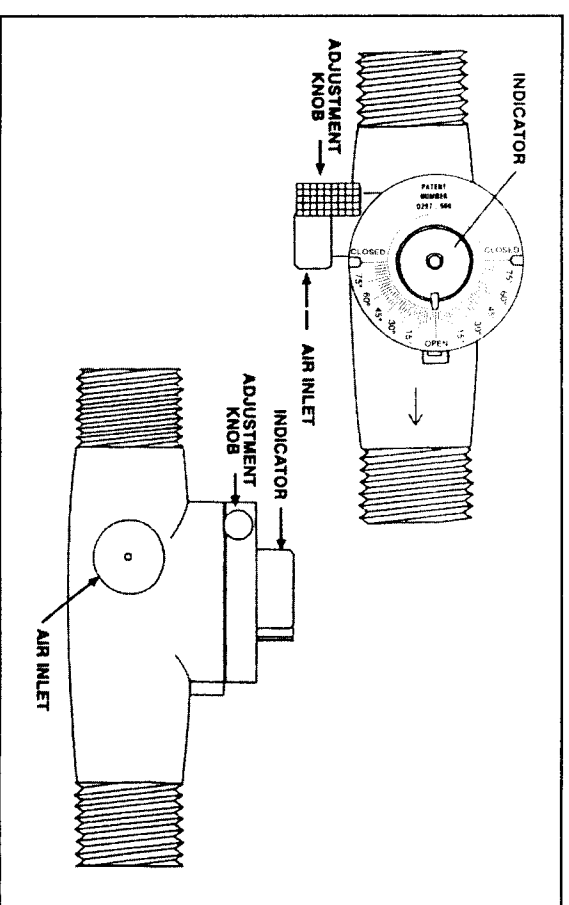
Location: Install in water line just before going into UT or HP (Hydropneumatic) tank.

**Note:** Prior to installation be sure pump delivers a minimum of 5 gpm.

1. Install micronizer in water line between pump and tank or just ahead of tank.
2. Turn on pump and let pump cycle several times.
3. Place your finger over the air inlet hole and time the suction time. The goal is to achieve suction for 30-50% of the pump run time.

*For example* - If pump run time is one minute, suction thru the air inlet hole should be felt for 20-30 seconds. Adjust upwards to increase, downwards to decrease.

4. Following installation and adjustment several days may be required for sufficient air to enter tank and operate most efficiently



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