

Quality air injectors available in machined PVC or injection molded ABS

Air Injectors



APPLICATIONS

Injectors are easily installed in-line before filter systems when the percentage of dissolved oxygen content may be too low for effective oxidation.

EFFICIENCY

These injectors operate with service flow as low as 1½ gpm. They draw air by a venturi effect and inject it into the water system. Rated working flows up to 15 gpm.

U1020 AIR INJECTOR PVC (ADJUSTABLE)

Machined from solid PVC, this injector is durable and resistant to chemicals, rust and corrosion. The Air Injector has an adjustable bypass for fine adjustment of the air/volume ratio. The venturi and all other components are easily disassembled for cleaning.

U1020-02 AIR INJECTOR PVC (AUTOMATIC BYPASS)

Machined from solid PVC, this injector is durable and resistant to chemicals, rust and corrosion. Internal spring-loaded bypass opens when full flow is required, reducing pressure drop. Improved back bore design increases bypass flow capability. No time consuming adjustments on installation!

Both machined PVC air injectors have 1" FPT inlet and outlet for easy installation.

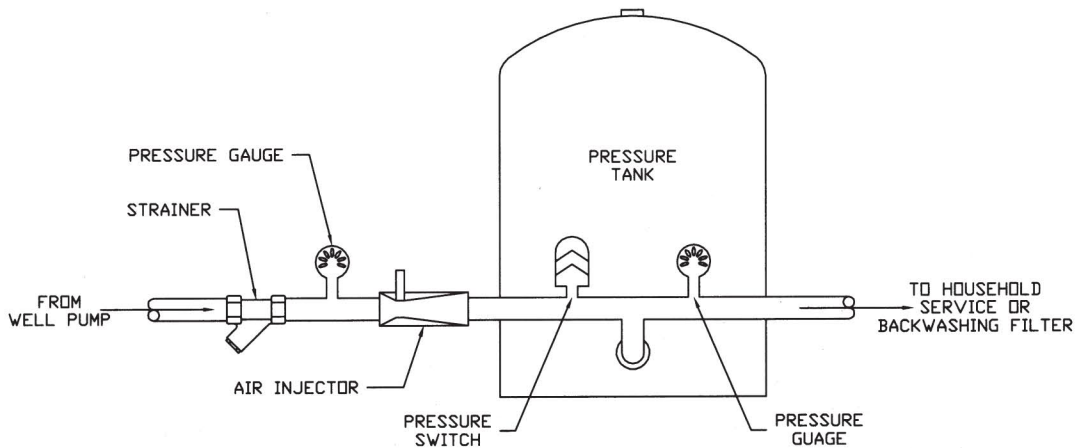
U1031 AIR INJECTOR MICRONIZER ABS (ADJUSTABLE)

Injection molded of high impact ABS, the Micronizer Air Injector features simple construction for ease of adjustment and cleaning. Comes standard with additional check valve and barbed cap for chemical injection. Features 1" male inlet and outlet.

ORDERING INFORMATION

ORDER NUMBER	DESCRIPTION	INLET/OUTLET SIZE
U1020	Air Injector PVC (Adjustable)	1" FPT
U1020-02	Air Injector PVC (Automatic Bypass)	1" FPT
U1031	Air Injector Micronizer ABS (Adjustable)	1" MPT

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Notes On Installation:

1. Be sure the well pump has the capacity necessary for proper operation. The following are the minimum requirements for a draw of 1 ft.³ of air per hour with a holding tank pressure of 30 psi.

Model	GPM	PSI
U1020	3	60
U1020-02	4	60
U1031	4	60

2. Be sure to place the air injector before the pressure tank, (between the well pump and the pressure tank).
3. Set the pressure switch for at least a 20 psi differential between pump start and pump stop.
4. On adjustable injector models, adjust the bypass screw so that the unit draws air for the first one third of the pump cycle.
5. Install a strainer ahead of the unit to prevent particles from lodging in the nozzle.
6. Install pressure gauges before and after air injector for adjusting and maintaining necessary pressures.

