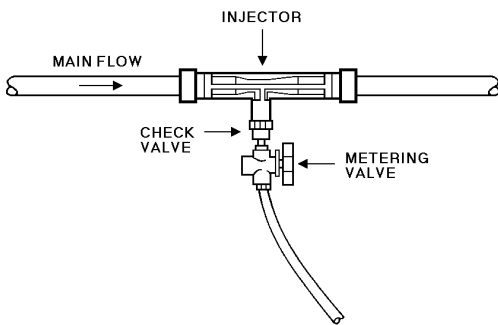
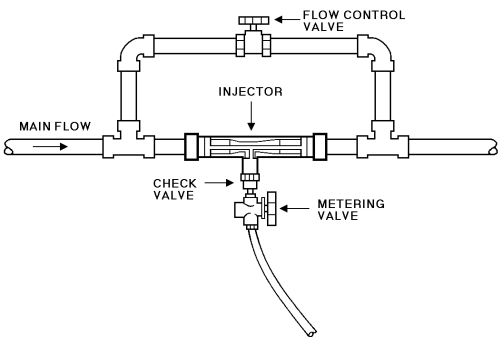


# INJECTORS



Installed directly in the main flow line with total flow of the system moving thru the injector.



Injector installed in main flow line with flow control valve on bypass line.

## FEATURES

- Trouble-free, long life operation.
- Energy efficient.
- Efficient ozone mass transfer.
- Molded in glass reinforced Polypropylene and natural Kynar PVDF.
- Chlorine and ozone resistant PVDF.
- Mazzei® Injectors are high efficiency, Venturi-type, differential pressure injectors. A pressure difference between the inlet and outlet of the injector creates a vacuum inside the body, which results in suction through the suction port. The suction can then be used to inject and mix water treatment chemicals into the water.
- Mazzei Injectors have a unique and patented design that permits them to start suction in most models when the outlet pressure is only 20% less than the inlet pressure. Full suction capacity is reached when the pressure difference is approximately 50%.
- Operating costs are lower than less efficient systems which require additional pumps for chemical injection.
- Mazzei Injectors are trouble free as there are no moving parts or electrical connections, and are molded from chemical resistant 20% glass filled Polypropylene, and natural Kynar PVDF, resulting in a long life expectancy.

## ORDER INFORMATION:

### 6030-(Size No.) MAZZEI INJECTOR, Black Glass Reinforced Polypropylene

Size No.	Mazzei Model No.	Inlet & Outlet Size MNPT (in.)	Suction Port Size (in.)	Price Each
-010	287	1/2	3/16 Hose Shank	\$24.50
-020	484	1/2	1/4 MNPT	34.50
-030	584	3/4	1/4 MNPT	34.50
-040	1078	1	1/2 MNPT	59.00
-050	1583	1-1/2	1/2 MNPT	83.00
-060	2081	2	1-1/4 MNPT	180.00

## ORDER INFORMATION:

### 6031-(Size No.) MAZZEI INJECTOR, Natural Kynar PVDF

Size No.	Inlet & Outlet Size MNPT (in.)	Suction Port Size (in.)	Price Each
-010	1/2	3/16 Hose Shank	\$38.00
-020	1/2	1/4 MNPT	64.00
-030	3/4	1/4 MNPT	64.00
-040	1	1/2 MNPT	130.00
-050	2	1/2 MNPT	295.00
-060	4	DUAL 2 MPT	1,200.00

829.110.110 Polypro  
829.110.120 PVDF

## LIQUID/GAS INJECTION WORKSHEET

To properly size a liquid or gas injector, please answer these questions:

1. Estimated injector inlet pressure \_\_\_\_\_ (PSIG).
2. Estimated injector outlet pressure \_\_\_\_\_ (PSIG), e.g. the total dynamic pressure downstream of the injector.
3. Total system flow rate \_\_\_\_\_ (GPM), e.g. the maximum water flow of system.
4. What material do you want to inject? \_\_\_\_\_
5. How much of item 4 do you want to inject? \_\_\_\_\_ (GPH, L/M, or SCFH).  
circle one