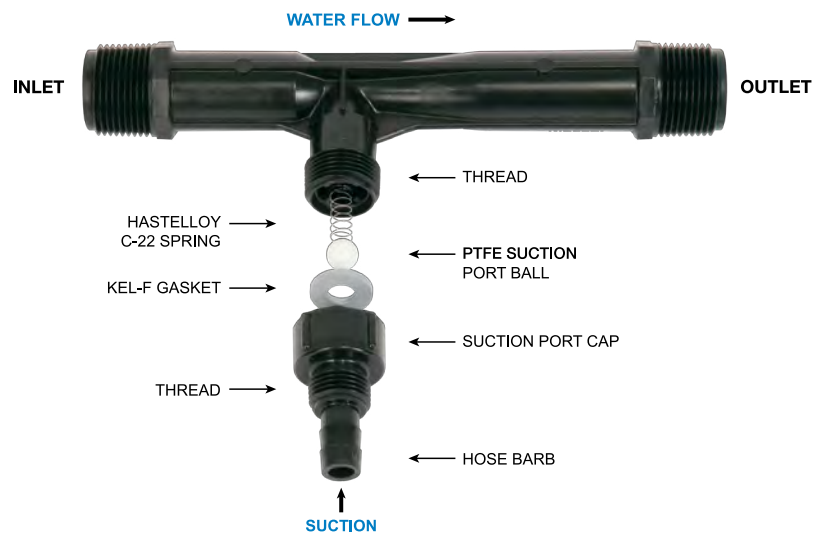




## Mazzei... The Simple, Low Cost Solution for Fertigation and Chemigation



Whether you are injecting chemicals or fertilizers into an irrigation system, Mazzei has the solution. Using high-efficiency Mazzei® Venturi injectors delivers precise mixing and uniform distribution of chemicals and/or fertilizers into the water stream.

Mazzei injectors use a vacuum which draws the chemicals into a pressurized irrigation system. With no moving parts—and often no supplemental pump system—Mazzei is the safe and economical choice.

Mazzei patented injectors are precisely engineered with internal mixing vanes... they cannot be duplicated. Imitations and look-alike products simply do not perform like a Mazzei.

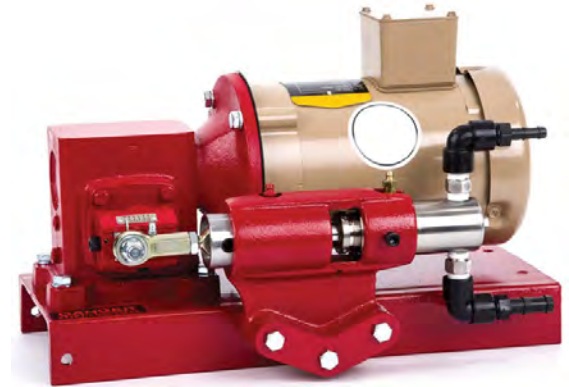
- ▶ **Simple to install**
- ▶ **No moving parts—easy to use and maintain**
- ▶ **Uniform chemical injection**
- ▶ **Low cost**
- ▶ **Injection stops, as a rule, when water flow stops**
- ▶ **Available in polypropylene, PVDF and natural PVDF—all high grade thermoplastics that are resistant to most chemicals. (It is important to select the correct injector material to make certain that your injector is compatible with the chemicals/fertilizers that you will be using.)**



## Venturi Systems

vs

## Positive Displacement Pumps



- Uniform distribution due to better mixing of chemicals
- Finer control of suction rates
- No moving parts—lower maintenance
- Maintain accuracy of rate of suction over time
- Economical—lower cost even if system requires booster pump
- If used, booster pump lasts longer because only pumps clean water
- Safe even in pressurized irrigation systems—products added under negative pressure (vacuum)

- Injects pulses of concentrated nutrients
- Lower control of suction rates
- More working components—higher maintenance
- Lose accuracy of rate of suction as they wear
- More expensive
- Pump's internal parts in constant contact with concentrated chemicals causing it to wear faster
- In pressurized irrigation systems often difficult, expensive, unreliable & sometimes dangerous



10.2017

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