



Why Mazzei

Since 1978, Mazzei has distinguished itself by an ability to evaluate problems and develop innovative solutions in the water treatment industry. When you need a system and a supplier that both deliver long-lasting service and value, there's only one name you need to remember: Mazzei.



Contact us today.

Mazzei Injector Company LLC

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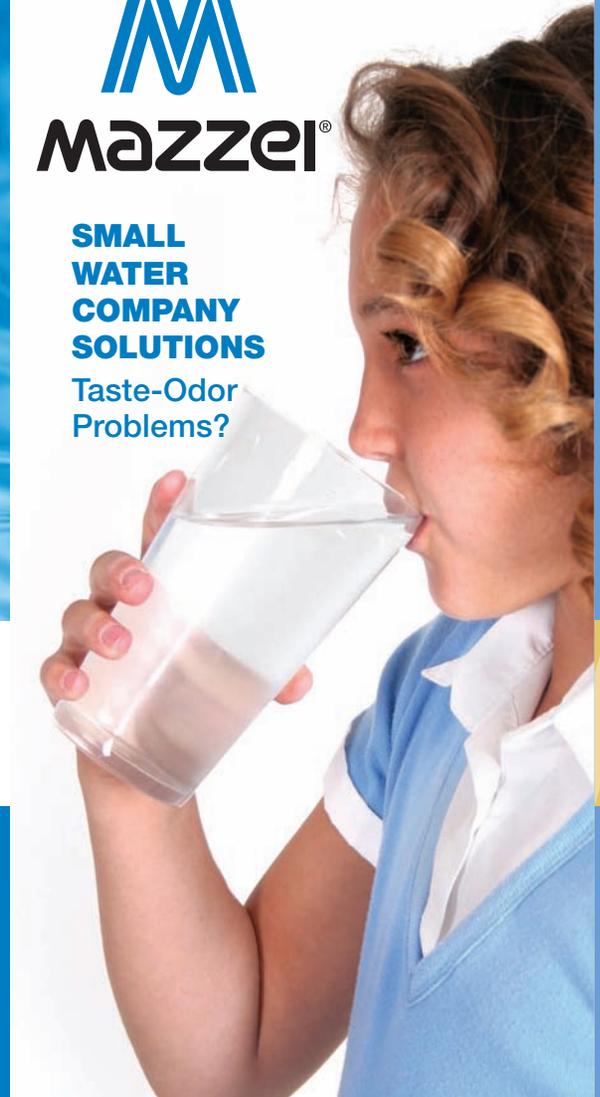
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SMALL WATER COMPANY SOLUTIONS

Taste-Odor
Problems?



Stop the
Customer
Complaints

A Mazzei Ozone Contacting System can solve the problem.

Water quality issues plague many small water companies in the US. The issues range from oxidation to disinfection to aesthetics, but no problem impacts a system operator more than water that tastes or smells bad. Customer complaints can drive you crazy and cause you to spend your valuable time on the phone.

There is a good solution: The Mazzei Ozone Contacting System.

Why Ozone?

Ozone (O₃) is a naturally occurring molecule in the form of a gas that is a powerful oxidizer and strong disinfectant. For more than 30 years the bottled water industry has been using ozone to effectively treat its water. The treatment ensures a quality product that customers pay a premium price for. The industry knows that ozone treated water creates a product that tastes good, is aesthetically pleasing, and safe.

How the Ozone System Works

Ozone (O₃) is generated from an ozone generator and dissolved into the water. As this process occurs, the dissolved ozone reacts rapidly with contaminants in the water. The entrained bubbles are then removed. Mazzei engineers work with its customers and their consultants to develop the system and size the right injectors to meet the needs of each customer's application.

Ozone Contacting For Small Water Companies

Ozone treatment has been used by small water companies for years to treat their water sources such as groundwater before delivery to their customers.

**End the customer complaints.
Call Mazzei today.**



“Without the ozone system our customers won’t drink the water.”

- Michael Huhn, General Manager, Vaughn Water Company

The Vaughn Water Company

In 1993, the general manager of the Vaughn Water Company of Bakersfield, California, Michael Huhn was tired of the many complaints the company was receiving from customers about low water pressure. A new well was drilled to produce water and meet demand in the service area. However, the untreated water had sulfides in it causing a rotten egg smell and taste problems. Although the water met California quality standards, it did not meet the company's own water standards. Vaughn contacted Mazzei Injector Company LLC. Together they created a system that uses Mazzei's patented and revolutionary venturi injectors to add ozone to this portion of its delivery system.

Vaughn, which now has over 9,100 customers, treats nearly one-half of all its water with ozone.

Reduce O&M Costs

Vaughn's operations supervisor, Van Grayer, notes that at its Hageman 2 facility where the sulfide problem exists, the system consists of ozone treatment to oxidize sulfides, air stripping for methane removal, and granular activated carbon (GAC) filtration to remove the remaining taste and odor. Chlorine is added after GAC filtration to maintain disinfection protection. Grayer adds that with the Mazzei system there are no moving parts so maintenance costs are limited. “Mazzei is easy to work with and always has the technical data I need,” he says.

“The water we deliver is just like bottled water.”

- Van Grayer, Operations Supervisor, Vaughn Water Company