



Mazzei®

**Municipal
Ozone
Dissolution
Systems:**

**PIPELINE
FLASH
REACTORS**

*World Leader
in Mixing and
Contacting
Technologies*



MAZZEI OZONE DISSOLUTION SYSTEMS

Regulatory pressure, water scarcity and public health concerns have increased the use of ozone as a primary disinfectant and essential oxidant, making ozone a key treatment process in municipal water, wastewater and recycling facilities. Mazzei's ozone dissolution systems are designed to work with a facility's ozone generators to provide safe and rapid transfer of ozone gas to solution.

Mazzei's Pipeline Flash Reactors™ (PFRs) are part of a complete ozone dissolution system. For plant flows ranging from 500 GPM to 500 MGD, a system comprised of a Mazzei gas injection skid and Pipeline Flash Reactor provides full flow gas contacting and energy efficient ozone transfer at a minimum pressure loss.

With hundreds of ozone installations backed by over 35 years of engineering excellence, Mazzei's technical staff can become part of your process design team, to ensure the success of your specific ozone application. Our ozone dissolution systems, tailored to meet your design requirements, are ideal for retrofit of existing ozone plants or for new construction. Contact Mazzei Injector to learn more about Mazzei and the role we play in water, wastewater and water reuse ozone installations.



Contact us today.

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SE Regional WTP, Seminole County, FL

Mazzei Ozone Dissolution Systems Provide:

- ▶ Small foot print
- ▶ High ozone transfer efficiency
- ▶ Low maintenance operation
- ▶ Field proven technology
- ▶ In-house process design team

[Check out this animation to see how the PFR works](#)

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