



Injectors for Wine Pump-over Aeration

Comparative Performance Data

About Mazzei Injector Company

- Founded in 1978
- Largest Manufacturer
high efficiency
patented injectors
- Integrated systems
- Contacting and mixing
- Wastewater solutions



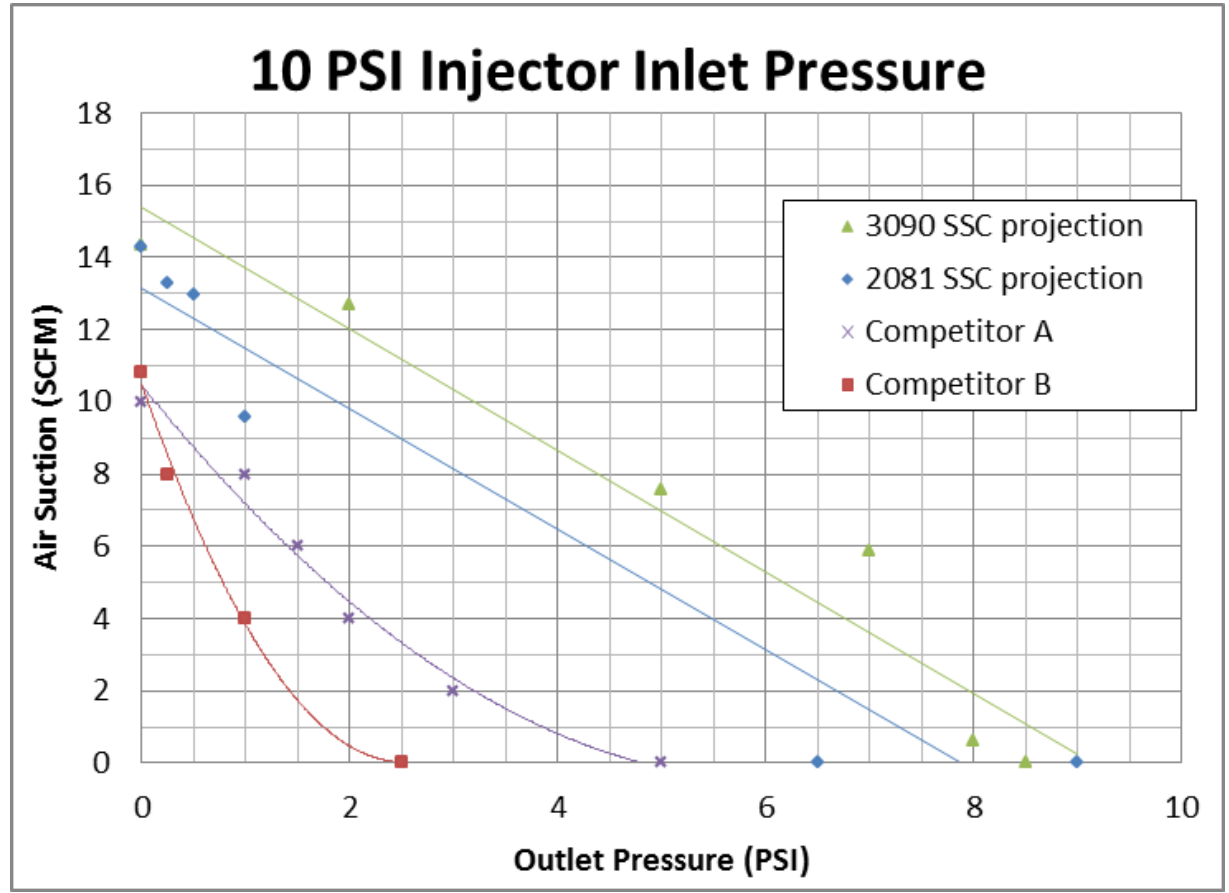
Overview

- Air suction volume data taken for Mazzei Models 3090 (3") and 2081 (2").
- Compared to Competitor A and B in a side-by-side setting.
- Data is comparative-taken under the same test conditions and with the same apparatus.



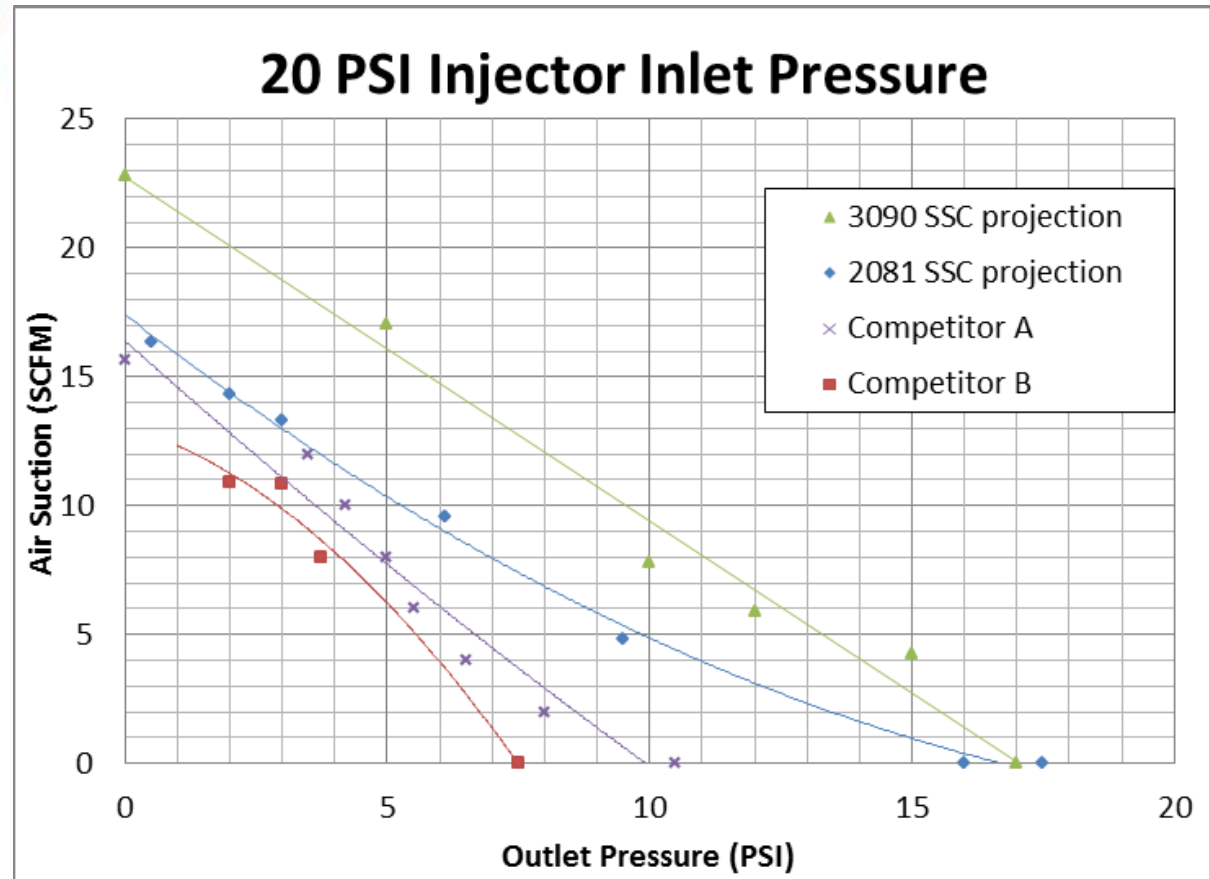


Summary Table -10 psig Inlet



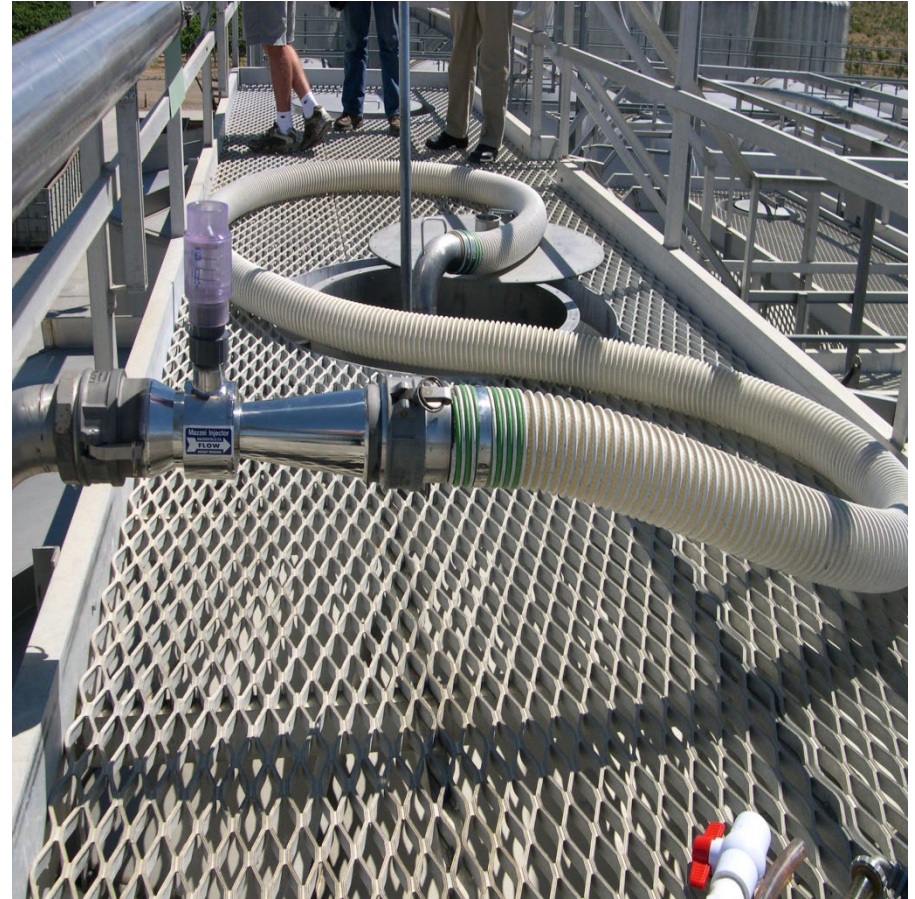


Summary Table -20 psig Inlet



Summary:

- Mazzei can accommodate 2x more backpressure than the competitors before losing suction.
- Mazzei achieves more suction capacity under all backpressure conditions than A and B.
- 2081 = 24% more suction than A and B at 0 psi outlet.
- 3090 = 48% more suction than A and B at 0 psi outlet



Takeaway:

- Mazzei Injectors provide much more oxygenation than do our competitors.
- More oxygen = better results
- To further maximize air volume; try to minimize the differential pressure by installing the injectors atop the fermentation tank if possible.

