



Mazzei Injectors for Wine Aeration

*World Leader
in Mixing and
Contacting
Technologies*

Mazzei Injector Company, LLC

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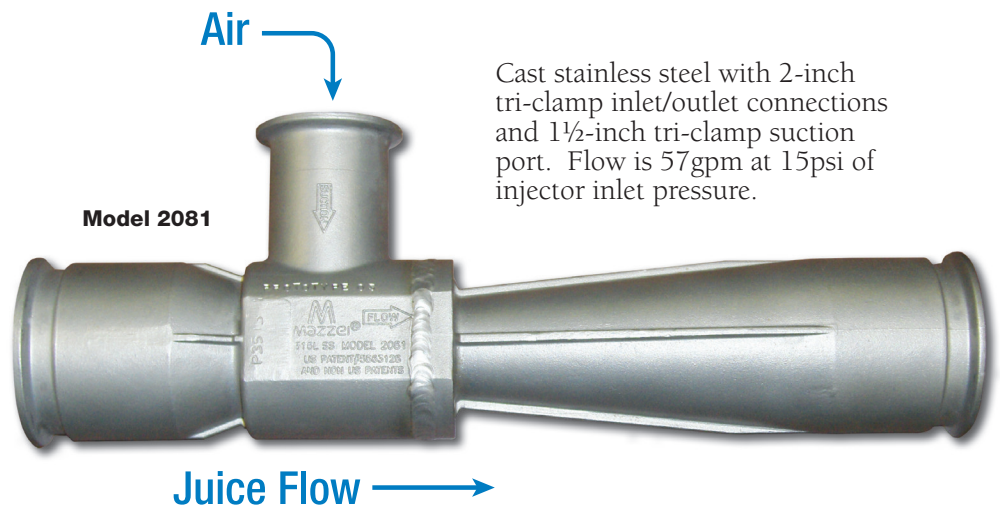
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www.mazzei.net

MAZZEI'S WINE PUMP-OVER AERATION IMPROVES THE FERMENTATION PROCESS

Mazzei injectors are patented, highly efficient, mixing devices that support the many benefits gained from pump-over aeration during the fermentation process.

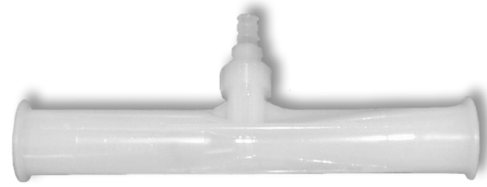
During the aeration process, the wine is pumped through a Mazzei injector which draws in and uniformly distributes oxygen into the juice. A metering valve and flowmeter can be used to monitor and control the oxygen dose.



BENEFITS OF WINE PUMP-OVER AERATION:

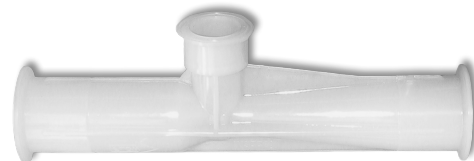
- ▶ Improves fermentation
- ▶ Supports yeast development and viability
- ▶ Enhances color and character
- ▶ Reduces sulfide production
- ▶ Cast stainless steel or food grade plastic construction of patented design maximizes aeration performance
- ▶ Combine with delestage technique or use to add fining agents and other wine additives
- ▶ Can be used during racking or mixing
- ▶ No moving parts

ADDITIONAL MAZZEI INJECTORS SUITABLE FOR WINE AERATION:



**1½-inch
Model 1584-TC**

ECTFE (NSF-51 and FDA 177.2510 approved thermoplastic) with 1½-inch tri-clamp inlet/outlet connections and built-in check valve. Flow is 31gpm at 15psi of injector inlet pressure.



**2-inch
Model 2081-TC3**

ECTFE (NSF-51 and FDA 177.2510 approved thermoplastic) with 2-inch tri-clamp inlet/outlet connections and 1½-inch tri-clamp suction port. Flow is 57gpm at 15psi of injector inlet.



**3-inch
Model 3090**

Cast stainless steel with 3-inch tri-clamp inlet/outlet connections and 2-inch tri-clamp suction port. Flow is 127gpm at 15psi of injector inlet pressure.

Model 2081 cast stainless steel injector, also available with sanitary connections, delivers flow of 57gpm at 15psi.

Larger models available.

Injectors in natural PVDF thermoplastic with stainless steel reinforcement packages are available upon request.

For more information about Mazzei products contact:



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OTHER WINE AND AGRICULTURE APPLICATIONS



- ▶ Ozone disinfection of barrels and tanks
- ▶ Ozone CIP applications



- ▶ Wastewater Aeration
- ▶ Chemigation
- ▶ Fertigation