

PRODUCT BULLETIN

Dry Sorbent Injection Systems

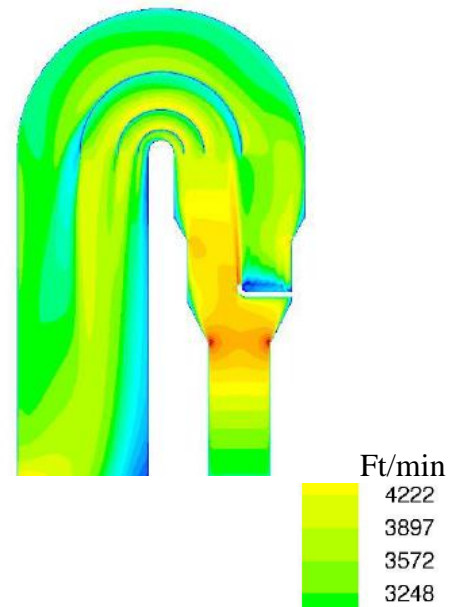
Amerair Industries introduces its line of standardized dry sorbent injection systems for acid gas removal to assist clients with Industrial Boiler MACT and Utility MACT compliance.

Systems are available for application of; Hydrated Lime, Trona, and Sodium Bicarbonate injection. Application of each reagent is by customer preference or let Amerair's experts with over 30 years of experience in acid gas control select and optimize reagent utilization. All of Amerair's systems are offered with full emission performance and reagent utilization guarantees.

Systems are designed and delivered with a maximum degree of modularization from single piece silos with single or redundant feed and delivery systems. Levels of pre-fabrication include:

- single silo with loose shipped components
- components skid mounted and pre-piped
- pre-wiring of components with MCC and PLC options.

While efficient packaging and delivery is part of the process, in duct injection completes the process. Amerair offers a range of configurations from a single injection point in a venturi section to full injection grids using our proprietary injection lance/nozzle design and distribution system or reactor vessel. All Amerair injection systems are CFD modeled for even and effective reagent distribution.



Venturi CFD Model