

AG-FLOW

Aggregate Heating and Cooling Systems



Mixer Systems, Inc.

190 Simmons Avenue • Pewaukee, WI 53072

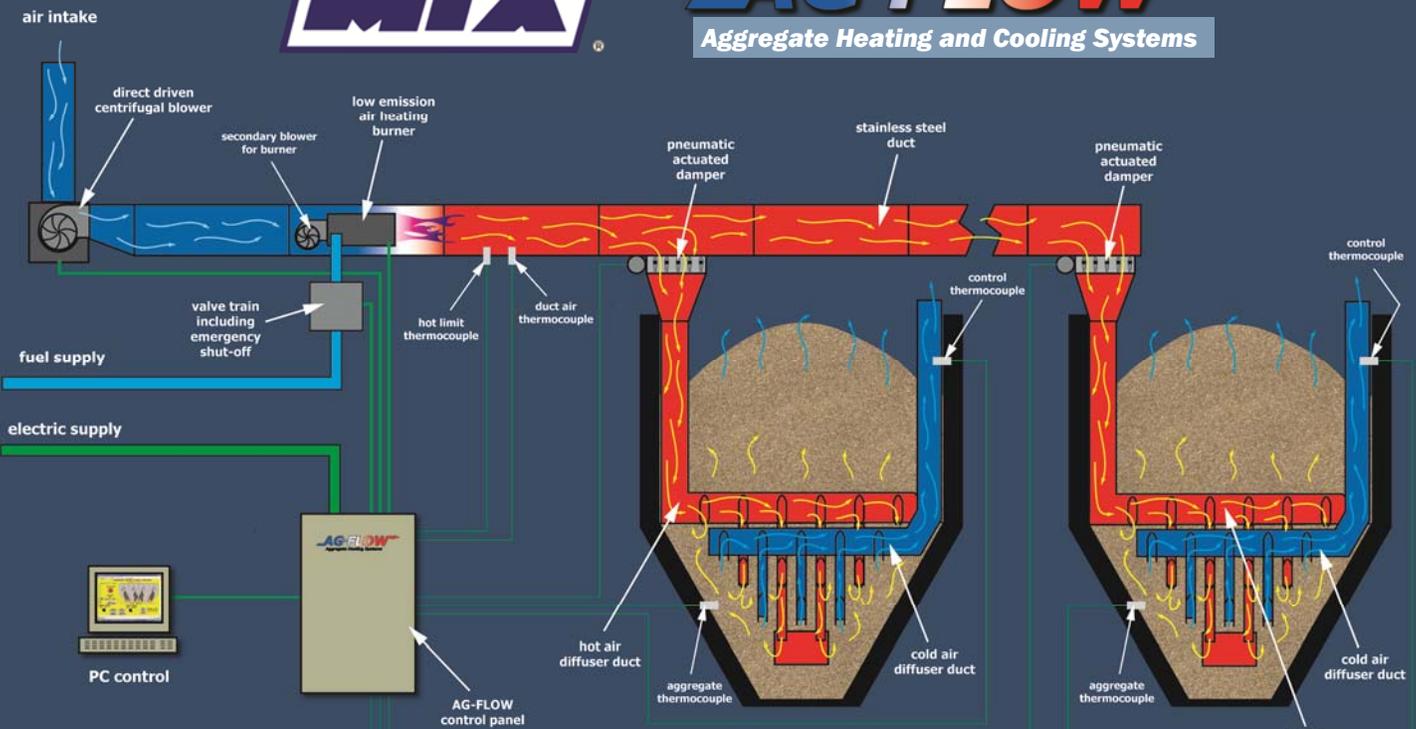
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Why Use Ag-Flow?

The Ag-Flow system reduces lost production days due to seasonal weather, throughout the year. During the winter Ag-Flow efficiently heats material. During spring, summer and fall, Ag-Flow can be used to condition material. Bad weather will no longer effect production and mix designs.

Quality design and materials are present throughout the Ag-Flow system. Air flow is controlled with dampers. The ductwork is also constructed of steel and designed to handle the high static pressures generated by the direct driven, centrifugal blower. A second blower is used to provide a constant air flow through the burner. This second blower prevents the flame from extinguishing with changes in pressure and air flow within the ductwork. Overall, the Ag-Flow system is designed to provide years of trouble-free operation.

How Ag-Flow Works...

Ag-Flow works by blowing high temperature air through a series of diffuser ducts that are buried in the aggregate bins. The heated air is forced through the aggregate at multiple levels and eventually reaches the exhaust ducts. The exhaust ducts are strictly used to relieve pressure in the material and increase the flow of heated air through the aggregate. The Ag-Flow system can control the amount of air passing through the diffuser along with the temperature of the air.

The efficient Ag-Flow diffuser evenly distributes heat throughout the aggregate. Unlike other heating systems, Ag-Flow does not produce hot spots in the aggregate. With even aggregate temperatures, product color and curing are more consistent throughout the year.

Ag-Flow Is Easy to Use...

The Ag-Flow system is computer controlled, interfaced with a PLC. Simply move the mouse pointer over the icon you wish to control, double click, and adjust the setting. Each bin can be controlled for temperature, blower speed and cycle times. The burner, blower, alarms and auto/manual controls are controlled through the PC. To further simplify the operation of Ag-Flow, a modem can be installed for remote adjustments and software updates from the factory.

Every step has been taken to ensure durability and low maintenance, so you can get the most production from your operation. To learn more about the Ag-Flow system, or to inquire about other services, please contact us.

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