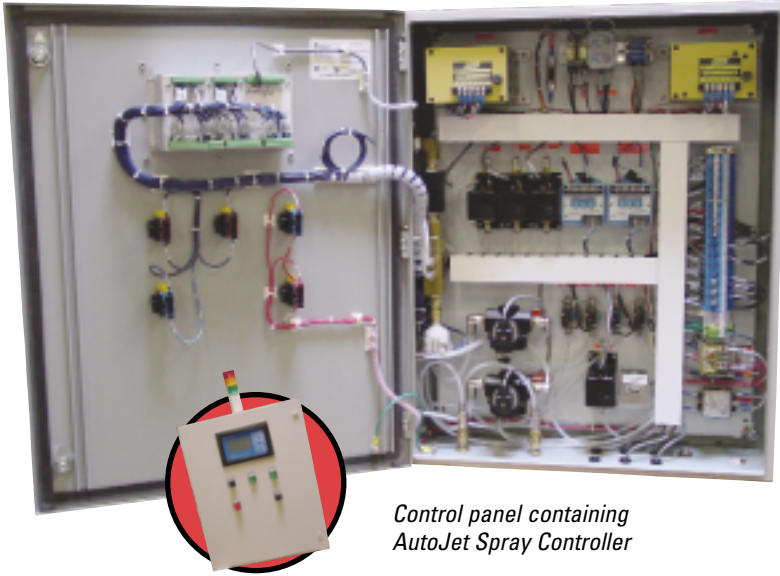


## Precision spray control allows manufacturer to improve product quality.



Control panel containing AutoJet Spray Controller

The Model 2250 AutoJet Spray Controller, powered by SprayLogic™ Software, uses a turbine flowmeter in a closed loop flow system to control the flow rate for each bank of guns. Production line speed is represented by a remote analog input signal to the controller. As the line speed varies from a specified maximum value, the flow rate to each bank of spray guns is adjusted accordingly to maintain a consistent application rate. The controller allows the manufacturer to spray the top and bottom of the insulation at one time, eliminating the need for multiple controls.

The AutoJet 10535 Automatic Air Atomizing Spray Guns are equipped with clean-out needles to keep the system operating at peak efficiency. Automatic gun clean-out cycles are programmed via an external timer. This feature eliminates downtime caused by clogged spray nozzles and also minimizes time spent manually cleaning the spray guns.

The spray system supplied by AutoJet Technologies improved the company's product quality by eliminating the loose fiberglass particles. The company has also maximized their production rates while minimizing overspray, which is key to sustaining profitability. System installation was supervised by AutoJet Technologies Engineering, which also provided one day on-site training for production personnel.

**For process consultation or application assistance on any AutoJet Technologies product, contact your local Sales and Engineering office.**

### **Problem:**

A building materials manufacturer needed to prevent small particles of fiberglass from becoming airborne and causing irritation to the installer of the fiberglass mat. To achieve this goal, they needed to spray varying amounts of a proprietary product on the top and bottom of batt insulation, which varied in thickness. This process modification was due to customer complaints about end-product quality.

### **Solution:**

AutoJet Technologies engineers designed a control system to provide precise spray control for two banks of spray guns each comprised of five Spraying Systems Co. 10535 Automatic Air Atomizing Spray Guns. Both banks of spray guns continuously apply the proprietary coating to the top and bottom of fiberglass batt insulation. The control panel allows for various flow rates based on varying production rates.

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