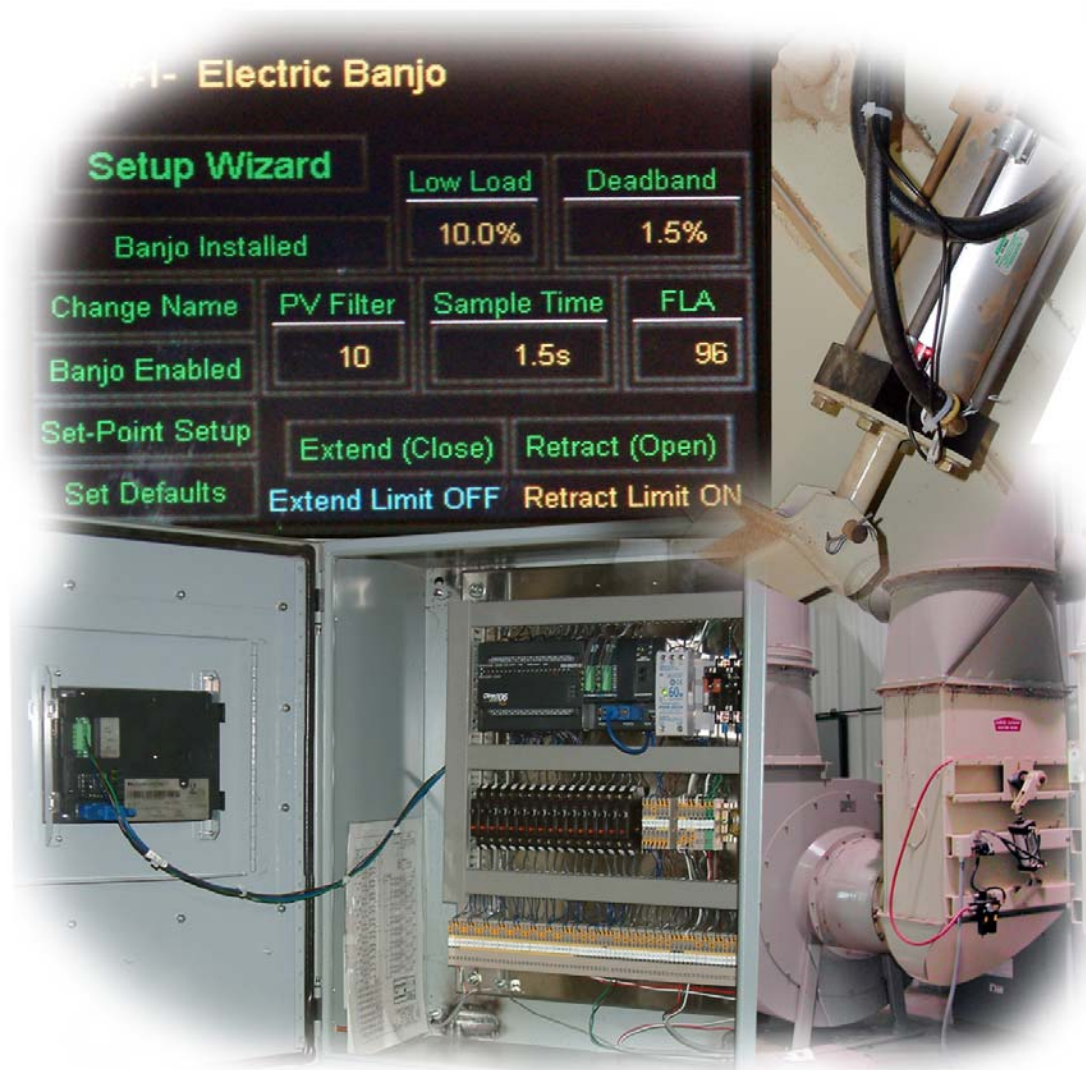


Introducing the Banjo II

Making Powerful Air Technology Easy to Use





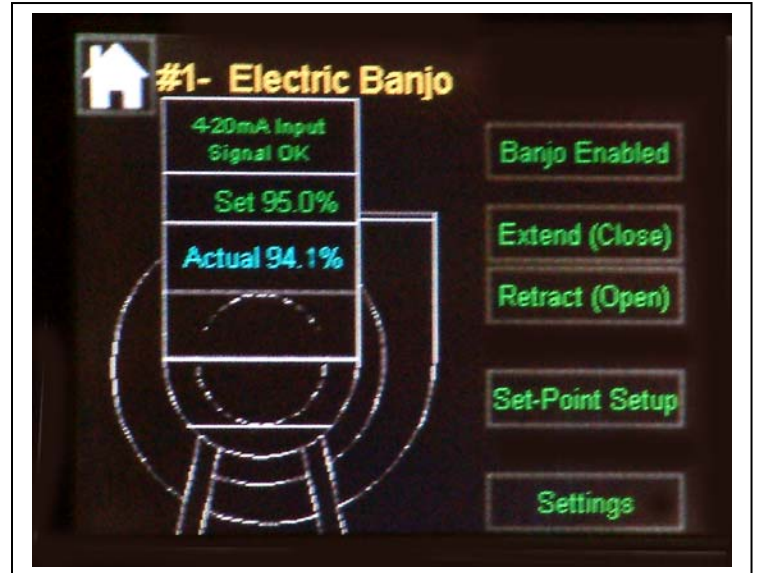
If you have not already experienced the power of the Banjo equipped with an air actuator, it is high time to consider changing. It is easier on the ears through the actuator's smooth powerful motion. It is easier on the maintenance budget with its use of common, inexpensive parts, and it is easier on your mind with easy manual positioning when a problem does occur.

Two small air valves, governed by a PLC, tell the air cylinder which direction and how far to move.

New for the Banjo II, small reed switches with indicating lights (see photo) replace the large rotating circle and proximity switch used previously. This improved method is both safer and simpler than previous models.

A color touch screen is the feature that really brings the Banjo II down to a level that can be described as "friendly to all". Former models used an LCD screen that could not display everything the operator needed to know at one time.

Intuitive operation screens and detailed alert messages will make you want to apply this powerful technology on all of your fans. When connected to a Moisture Mirror III, console operation is not just possible, it is easy. This option also makes remote assistance from a Samuel Jackson technician via the Internet possible in many situations.

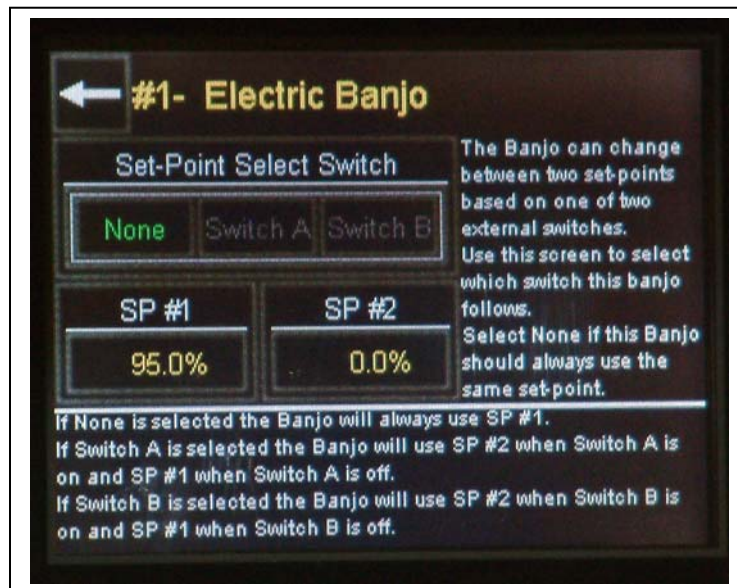


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Responding to a customer request, there is an innovative new feature in the Banjo II. Dual setpoint capability lets a Banjo II change its target setpoint instantly and automatically from a remote electrical signal. For example, a contact closure from the gin's main PLC system can change air volume to a second pre-defined setpoint in just a few seconds, with no human intervention.

This can be particularly beneficial in certain lint cleaner arrangements, as well as drying systems where a low level of heated air volume can serve to keep machinery warm, with energy efficiency, during idle moments in cold weather ginning.



All new controls combine a 6" color touch screen and a powerful PLC-based control system. Every PLC output to the air valves has an individual circuit breaker that is easy to identify and to reset. The color touch screen rotates inward towards the panel to offer the servicing technician a clear view of operation parameters while working on the panel. Software updates for both the touch screen and the PLC are available free at samiackson.com.

