



To: All Distributor Personnel

Monthly bulletin: Number 11

Fr: John Wayne Jennings
National Sales Director-Valves

Date: September 2006

Subject: Real Life Application of a Lexair, Inc. Poppet Valve

This month's bulletin is the first application to be submitted by an employee of one of our distributors. This one comes from Brad Felber, GM-Pneumatic and Electrical Automation at Price Engineering in Wisconsin who will receive a \$50 VISA Gift Card!

This is a fairly simple and straightforward use for one of our Poppet Valves. The application is for a test stand that is checking for porosity in castings using high pressure air. The Lexair normally open Poppet Valve with high ratio pilot (part number 325104) was chosen because of the following:

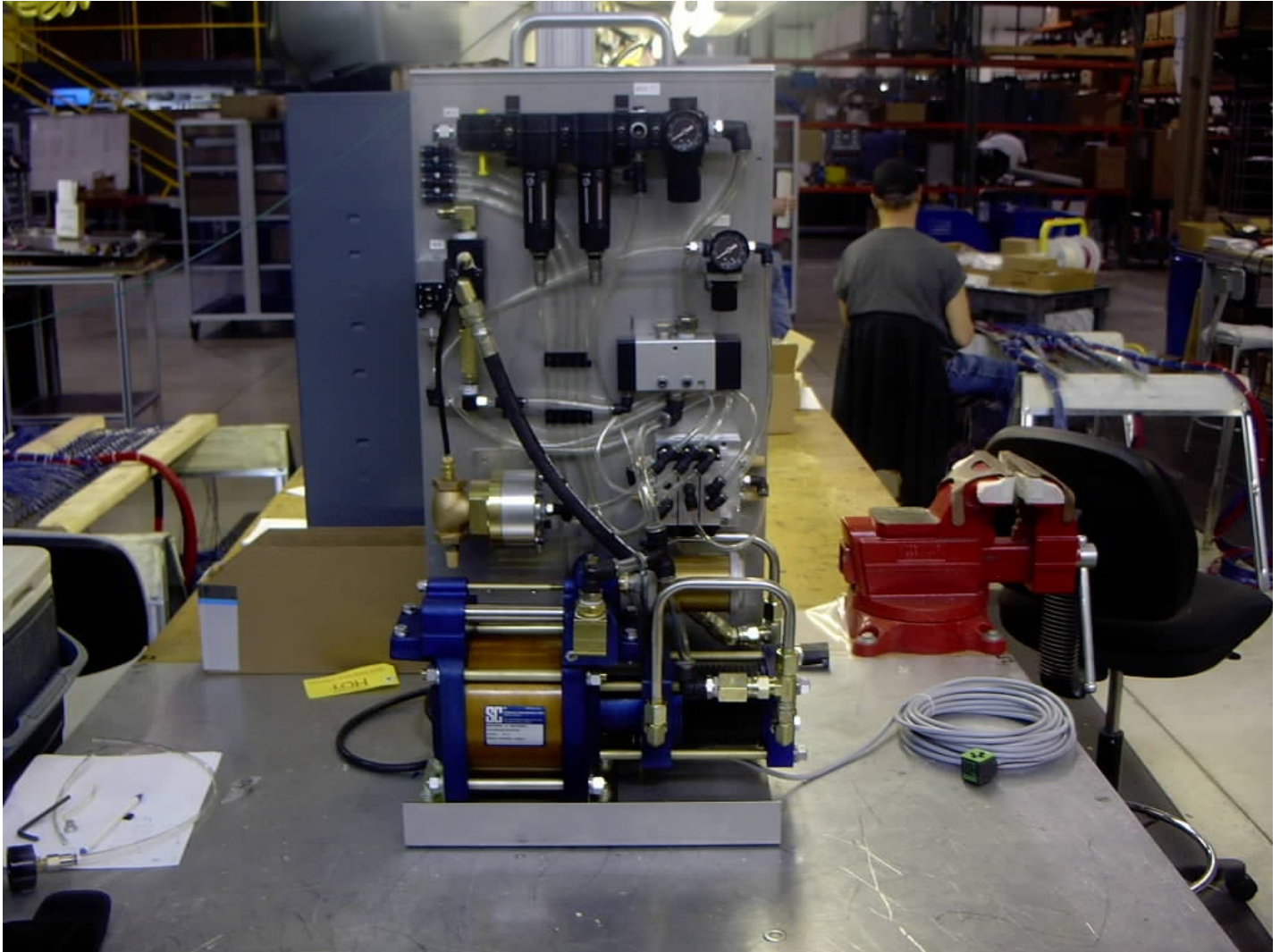
- The ability to handle high pressures
- The high ratio pilot capability
- The fact that it is bubble tight.

The test requires the ability to withstand 300 PSI (our valve features a standard rating of 500 PSI). The pilot air pressure available at the test stand is only 60 PSI. With our 8:1 pilot ratio working at that 60 PSI, we can close bubble tight on working pressures up to 480 PSI with this model, easily meeting the criteria for this application.

Basically, our valve is piloted to the closed condition to hold the high pressure air in the casting during the test cycle. While closed, our valve must remain bubble tight. Once the test is complete, the valve is opened to allow the high pressure air to dump out of the casting.

We appreciate the submission of this application and hope that it will prove useful to other sales personnel. We also look forward to others sharing their application successes with us so that we can send them a VISA Gift Card as well.

On the next page, there is an actual picture of the test stand. The Lexair valve is located on the lower left hand side of the main panel. The booster/intensifier used to create the high pressure air is shown in the foreground.



Sincerely,
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