

Hi-Flo™ Valves Increase Valve Life from 6 Weeks to 40 Months

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The Challenge

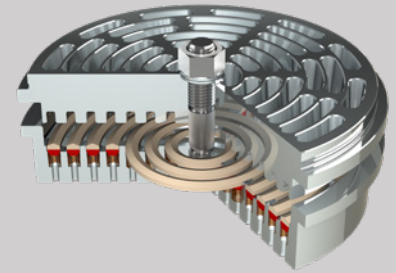
The original valves on OEM 2 & 3 stage units in a midstream natural gas application were only running 4 to 6 weeks before experiencing higher temperatures and eventual failures. The customer loses \$5K-\$7K each day in lost gas production and maintenance man hours when the units go down.

1,350 RPM / Suction 650 PSI (44 bar) / final discharge
1,200 PSI (82 bar)

Solution Highlights

A month after the trial the upgraded compressor was also compressing more gas than the other two compressors.

Over three years later the Hi-Flo™ valves are still running without issues or failures.



**“CPI’s Hi-Flo™ valves have excelled at my station,
they’ve out performed all expectations.”**

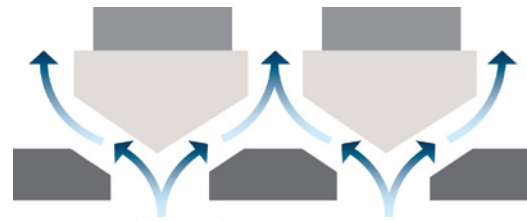
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The Solution

After training from CPI, part of the Howden group, on how the Hi-Flo™ valves perform and what to expect after installation, the customer decided to give the valves a 6 month trial on one compressor.

Following the initial 1st stage trial and after numerous performance meetings with the compression team, it was determined by the customer to move forward with installing 2nd stage Hi-Flo™ valves in all three compressors along with 1st stage Hi-Flo™ valves.

They have now installed CPI Hi-Flo™ valves and packing in all three compressors with no valve issues or problems and are actively moving forward to upgrade all new sites & units coming in with the CPI Hi-Flo™ valves.



Hi-Flo VP Valve Gas Flow Diagram

