

What It Can Do For You

The Repeater™ Valve from U.S. Valves saves you priceless time, money... and more

Immediate Cost Savings

Waste Less Scrap

You'll experience a reduction of scrap parts due to the elimination of inconsistent closing by the non-return valve—no more short shots, no flash—all parts will be uniform in size, shape and weight. Any of these variations would produce parts that could be rejected by your customers, who are concerned with quality. Once these variations are controlled you eliminate many secondary operations that would need to be performed by the machine operator or by additional employees.

Do More In Less Time

The elimination of all the above reasons would contribute to an increase in your CPK (Process Capability Index) significantly... In some cases, CPK has been increased by more than SIX times just by installing a Repeater™ Valve. This would mean your production run on a particular part *could be reduced dramatically* because of fewer bad or unacceptable parts due to the poor performance of the non return valve.

Additional Cost Savings

Focus on Saving, not Wasting

Watch your material costs plummet—eliminate rejection of unacceptable parts!

Also get a cost savings in labor, because the machine operator will not have to waste time separating bad parts from good parts, and re-running the bad ones.

Less Down Time

You will find you will have less machine down time due to worn valves, because the Repeater™ Valve will have a longer life than conventional ball or ring check valves. The Repeater™ has less wear potential, because the length of the piston does not come into direct

contact with flowing material thus increasing life of the valve. Any wear in the internal diameters of the valve will be self compensated for by the piston itself in amount of overstroke, thus eliminating any concern for internal erosion on the valve.

Machine down time due to material or color changes will decrease. The Repeater™ purges very easily, meaning the valve does not have to be cleaned manually by shutting the machine down and dismantling it in order to clean the valve.

New Profit Opportunities

What To Do With All That Time Saved?

In evaluating the Repeater™ on injection molding machines, companies often focus on savings in the cost of wasted material. This is important but ignores one of the primary benefits of the Repeater™: Generating additional sales revenues and profits. Estimate the savings in manufacturing, plus margins on increased sales that may result from shorter production runs producing the same amount of parts.

The Repeater™ allows you to take advantage of the capabilities of your molding machine by eliminating the most dominant and very costly cause of shot size variation, the non return valve.

System Payback

If you do a bit of calculating, you'll see that the Repeater™ Valve can pay for itself in no time at all—and then the savings start rolling in! Freeing up materials, labor and machine time—it's time to stop wasting your resources and start saving, *start profiting*, today.



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