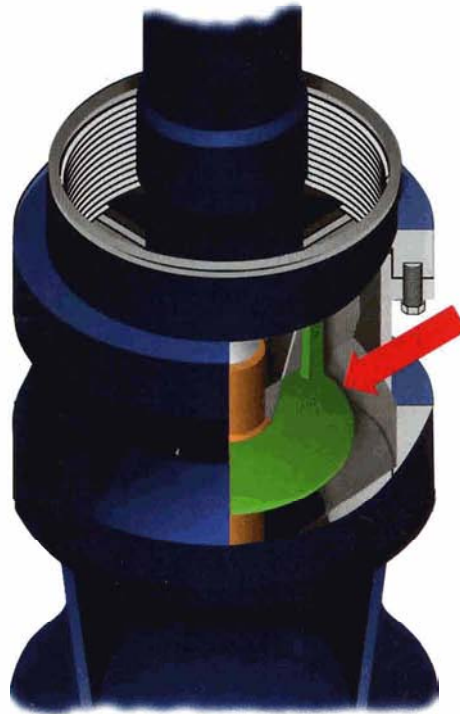




Hydro Surge Control Valve

When American Turbine Pump designed the Hydro Surge Control Valve, we did it for our customers. We kept seeing the same problems over and over throughout the industry: deep-set pumps would shut down and the **backflow** of fluid would often cause the non-reverse ratchet to fail. The rushing fluid resulted in broken ratchets, destroyed engines, burned-out bearings and other damage. Labor and materials to repair these damaged pumps could easily run into thousands of **dollars**. The downtime of the pump and the money spent are not a pleasant experience to say the least. We decided to do something about it.



In a world where so many **things** are labeled as revolutionary yet often aren't, the Hydro Surge Control Valve **really** is revolutionary. **This** valve is integrated into the bowl assembly at a relatively small cost without requiring special equipment or **skills** to install. It simply slows the return rate of the fluid in the pump to a safe rate when the pump is shut down. It decreases the load on a non-reverse ratchet removing a potential weak **link** in the system. The design is currently patent pending.

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