

EBV Patented Electronic Butterfly Valve Provides 100% Reliable Backup Pressure Regulation

EBV Patented Electronic Butterfly Valve systems are used to compliment VFD controls by pressure regulating each across the line pump and it provides reliable 100% backup pressure regulation in the event of a VFD fault.

Unique and reliable pressure regulation

Watertronics perfected the application of computer controls to the motor actuated butterfly valve, creating the EBV. Watertronics holds the patent on this unique technology. Because each pump is individually regulated, no other system can match the EBV at regulating pressure, anticipating and eliminating surges, eliminating check valve slam, and preventing pump and motor overload.

Electronic vs. hydraulic

Hydraulic pressure reducing valves cannot compare to the EBV. The EBV has a lower pressure loss, no pilot valves to plug or foul and is a lower maintenance unit. All functions you expect from VFD systems are incorporated in Watertronics exclusive EBV systems, plus many benefits you won't find elsewhere for any price.

- **Reliable and efficient pressure regulation**
- **Completely eliminates pump start/stop surges**
- **Assures that 100% of pump column air is purged before it enters the irrigation system**
- **Compliments VFD controls by pressure regulating each across the line pump as needed**
- **100% backup pressure regulation in the event of a VFD fault**



Patented EBV valves can be used for vertical turbine as well as for horizontal centrifugal pump stations