



### **AUTO BYPASS KIT**

Insures continual flow of water to equipment. If for any reason, like a power outage or circuit breaker trip, the flow of water to your equipment is interrupted, the AutoBypass switch kicks in allowing an alternate water source (usually city water) to be utilized. When pressure is restored the AutoBypass instantly reverts to standby, closing off the alternate supply. A Normally Open solenoid valve is used, to provide water flow, even in a power outage condition. Easy to install, complete with simple pictorial instructions.

### **Specifications:**

#### **AUTO BYPASS**

- \* Input power: 110 VAC
- \* Input control: from pressure switch, provided
- \* Cut-In pressure: 30 PSI
- \* Cut-Off pressure: 50 PSI
- \* Control current: 10 amp max
- \* Controls: ON / OFF switch, backlit
- \* Power Indicator: Green Light
- \* Bypass Indicator: RED Light on indicates bypass
- \* UL Approved Water Resistant Housing
- \* Solenoid Valve, Nickel Plated Brass,
- \* Solenoid Valve: 110 VAC coil, rated continuous duty
- \* N.O. contacts provided for external alarm or monitoring

#### **Operation**

Pressure Sensor monitors system pressure. When system pressure drops below 31 PSI the AUTO BYPASS controller removes the control voltage (110 VAC) from the N.O. Normally Open Solenoid Valve allowing water to flow from the City or Alternate water source. When the system pressure from the RECLAIM or Pumping station returns to 50 PSI or above (normal operating pressure is 51 – 60 PSI) the AUTO BYPASS applies the control voltage to the N.O. Valve closing it again. If power is lost the Valve reverts to the N.O. condition allowing water to flow. This is critical for weep and anti freeze systems that would otherwise be destroyed during a power outage during a freeze.

#### **Options**

Inlet Y strainer for dirty city water conditions (sand or grit, in incoming water line)