



**SERIES 80 VFD**



**Flomatic Submersible Pump Check Valve**

*Better by Design!*

Summary:

- ☑ **More Flow = Save \$**  
*(Higher Efficiencies)*
- ☑ **Noiseless = Quiet operation**  
*(Longer Service Life)*
- ☑ **Simple Construction = Higher Reliability**  
*( Less Parts)*
- ☑ **VFD Compatible = Installation Flexible**  
*(Customer Friendly)*

**Who We Are**

Flomatic has over 80 years' experience designing and manufacturing valve products from 1/4" thru 36", Check Valves, Automatic Control Valves, Butterfly Valves, Gate Valves, Air/Vacuum Valves. The Model 80E, DI & S6 VFD are designed to minimize flow losses and hydraulic shocks in the pumping system. The standard epoxy coated (NSF approved powder) ductile iron body is stronger than bronze or stainless steel design to support submersible pumps set deep in a well water casing. Its unique hydraulic custom molded Buna-N rubber sealing surfaces are supported by a mechanical back-up support to maximize the check valve service life. The patent pending spring loaded poppet system is guided in a generous seat bore. The unique poppet system insures that the valve automatically closes tight and noiseless after each pump cycle. The radii seat allows a self-cleaning "one point swiping action" by the radius-edged rubber seal disc during each valve closing cycle. All internal parts are made from corrosion from corrosion resistant material.



**Flomatic Corporation**

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*Flomatic Model 80DI VFD*

**Flomatic Submersible Pump Check Valve**

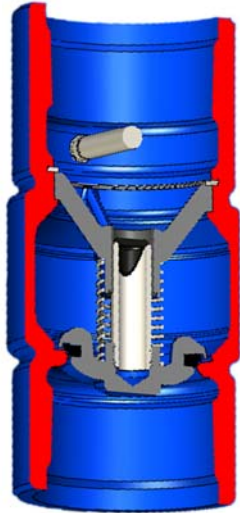
*(Patent Pending)*

**Series 80E, DI, MDI & SS VFD  
Stainless Steel Guiding**

*Delivers Longer Service Life*

- **Variable Flow Rates**  
*(VFD Controlled Pumps)*
- **Well Water Pump Systems**
- **Municipal/Public Water Systems**
- **Irrigation and Sprinkler Systems**
- **14 Different Models**
- **12 Different Sizes**

*"The most advanced Check Valve in the industry for Submersible Pumps"*



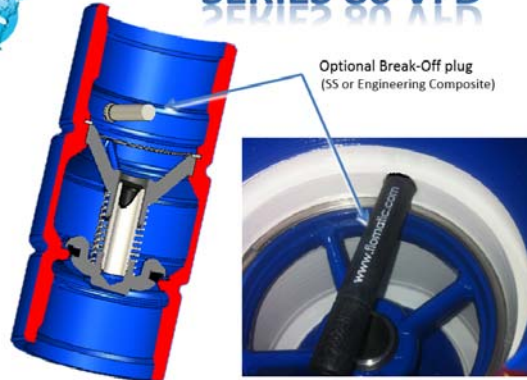
**Features & Benefits**

- Lower Friction Loss
- Noiseless Operation
- Stainless Steel Guiding
- Strong Ductile Iron or Stainless Steel Valve Body
- Un-Leaded Body, NSF 372 Certified
- Corrosion Resistant Internal Components
- "Pipe Thread-Lead-In" section
- Longer thread areas
- Optional "Break-Off" Plug
- Female by Female or Male by Female or Male by Male with NPT or 8 round Thread Configurations

See us on You Tube: "Flomatic VFD"



**SERIES 80 VFD**

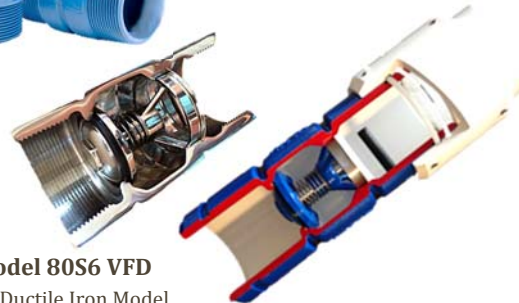


*"The most advanced Check Valve in the industry for Submersible Pumps"*

Several Different Models and sizes from 1" thru 8" (NPT or 8 Round)



**Model 80MDI, 80DICL & 82 VFD**



**New Model 80S6 VFD**  
(In 316SS, Ductile Iron Model 80DI VFD or Unleaded Bronze Model 80E VFD)

**New Model 80DICL VFD**  
(Certa-Lok™ also in 316SS)



**Industry First Energy Efficient VFD Designed Check Valve**

(Patent Pending)

Flomatic's New Model 80DI VFD Check Valve provides Energy efficiencies Lower Flow losses during normal flow

**Example:**

4" Size Check Valve Model 80DI VFD **45% less friction losses at 200GPM** (Flow velocities of 5 feet/sec)

**LEAD FREE**



THE SERIES 80DI VFD CHECK VALVES CONFORMS TO NSF 372 CERTIFIED, THE "CALIFORNIA LEAD PLUMBING LAW" OR "COMPLIES WITH CALIFORNIA LEAD PLUMBING LAW" AND VERMONT STATE CERTIFIED TO IAPMO R&T CERTIFICATION MARK AND THE UNIFORM PLUMBING CODE.

*High Quality Valves Built to Last . . .*