



NEW!

Safe. Simple. Utility. Control.

Electronic Ball Valves (EBV)

Patent Pending



WATER



GAS

ISIMET is the first utility control manufacturer to offer Electronic Ball Valves (EBVs). EBVs offer **safer, nearly maintenance-free, longer life** alternatives to solenoids.



The ISIMET advantage.

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Patent Pending. Visit isimet.com for details.

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the many **PROS** of ISIMET Electronic Ball Valves (EBVs)

the **CONS** of solenoids

- ✓ **Low power consumption.**
- ✓ **Minimal heat** for improved reliability and longer lifespan.
- ✓ **Virtually no maintenance.**
- ✓ **No restriction in flow (full port).**
- ✓ Orientation and direction of flow do NOT matter. EBVs can be **installed in any direction and configuration.**
- ✓ **EBVs close automatically** when power is off via stored energy.
- ✓ **Reduced water hammer** and elimination of solenoid humming.
- ✓ **Simpler to order.** You only need to specify gas vs. water and size.
- ✓ **Differential pressures do not matter.**
- ✓ Rugged, reliable **stainless steel construction.**
- ✓ **Low voltage.** Does not require an electrician to install.

- ✗ **High power consumption.**
- ✗ **High heat;** temperatures routinely exceed 140 degrees F. The solenoid coil heat reduces valve's life expectancy.
- ✗ Solenoids must be **maintained annually** to ensure clean lines and proper seating of the solenoid.
- ✗ Solenoids have varying internal construction and flow paths that **can reduce flow.**
- ✗ Direction of flow and orientation are prescribed and **critical to correct installation and operation.**
- ✗ Normally closed solenoids **require constant power to remain in open position.**
- ✗ Solenoids can cause **humming and water hammer.**
- ✗ There are at least nine types of solenoids, which **makes ordering confusing.**
- ✗ **Differential pressure is critical** for correct solenoid operation.
- ✗ **Aluminum, brass, and/or miscellaneous metals** construction.
- ✗ **Often high voltage,** requiring an electrician to install.

ISIMET EBVs are the best option for ISIMET low voltage utility controllers.

Pipe size	1/2"	3/4"	1"
Gas Model No.	S-951	S-952	S-953
Water Model No.	S-921	S-922	S-923

**The choice is obvious.
ISIMET Electronic Ball Valves
beat solenoids.**