

## Optima Plus® Flushometers

### ELECTRONIC MODULE ASSEMBLY CHART

The electronic and optical improvements of the G2 Optima Plus® have been incorporated into the electronic modules for use with older Optima Plus products.

Optima Plus® modules can be identified by color.

Old style modules are black and have a wire that runs along the side of the unit.

G2 modules are blue and have a wire only on the back of the unit.

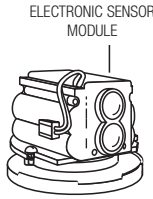
There are now only two electronic module assembly variations for use with older Optima Plus valves:

EBV-146-A-U Urinal  
EBV-146-A-C Water closet

This chart cross references the part numbers and code numbers of our new electronic modules over from our old module numbers.

The modules include the solenoid, inner cover and electronic module.

These modules are for use with older Optima Plus and Regal Pro® Optima Plus® valves only.



Code No.	Use Part No.	Description	To Replace Old Part No.
0325177	EBV-146-A-U	Electronic — 0.5 gpf/1.9 Lpf Urinal Module	EBV-26-A-U-0.5
0325177	EBV-146-A-U	Electronic — 1.0 gpf/3.8 Lpf Urinal Module	EBV-26-A-U-1.0
0325177	EBV-146-A-U	Electronic — 1.5 gpf/5.7 Lpf Urinal Module	EBV-26-A-U-1.5
0325177	EBV-146-A-U	Electronic — 3.5 gpf/13.2 Lpf Urinal Module	EBV-26-A-U-3.5
0325176	EBV-146-A-C	Electronic — 1.6 gpf/6.0 Lpf Closet Module	EBV-26-A-C-1.6
0325176	EBV-146-A-C	Electronic — 2.4 gpf/9.0 Lpf Closet Module	EBV-26-A-C-2.4
0325176	EBV-146-A-C	Electronic — 3.5 gpf/13.2 Lpf Closet Module	EBV-26-A-C-3.5
0325176	EBV-146-A-C	Electronic — 4.5 gpf/17.0 Lpf Closet Module	EBV-26-A-C-4.5

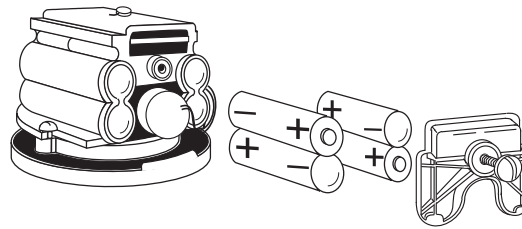
Note: EBV-26-A modules are no longer available. Use the EBV-146-A-U or EBV-146-A-C module shown.

### BATTERY REPLACEMENT

When Optima Plus has approximately 4,000 flushes left, the same red light that appears at start-up will flash four (4) times quickly whenever an object is detected. When this occurs, we recommend changing the batteries. On Optima Plus, shut off water and relieve pressure.

Separate locking ring, cover and diaphragm from electronic sensor module.

Loosen retaining screw on battery compartment door and remove battery compartment door. Install four (4) alkaline, AA batteries exactly as illustrated. Install battery compartment door and secure with retaining screw. Make certain that battery compartment door is fully compressed against gasket to provide a seal; do not overtighten.



### FLEX TUBE DIAPHRAGM ASSEMBLY

In early 2003 Sloan introduced the flex tube diaphragm kit into the Optima Plus. This design completely replaced the old Optima Plus diaphragm kit that featured the metal shaft with the quad Ring. This change further improved the reliability of the Optima Plus as it replaced a wearable dynamic seal (the Quad Ring) with a non-moving static O-ring seal.

The flex tube diaphragm kit also features Sloan's exclusive dual-filter diaphragm. The dual-filter diaphragm helps to protect the valve from water-borne sediment that can cause the valve to stick open and run on. The dual-filter diaphragm is also made from Sloan's Permex® synthetic rubber material for resistance against chloramines and other water treatment chemicals.

**The flex tube diaphragm can be used to replace all generations of Sloan Optima Plus® diaphragm kits. The same flex tube diaphragm kits are used in the G2 Optima Plus® valve.**

