

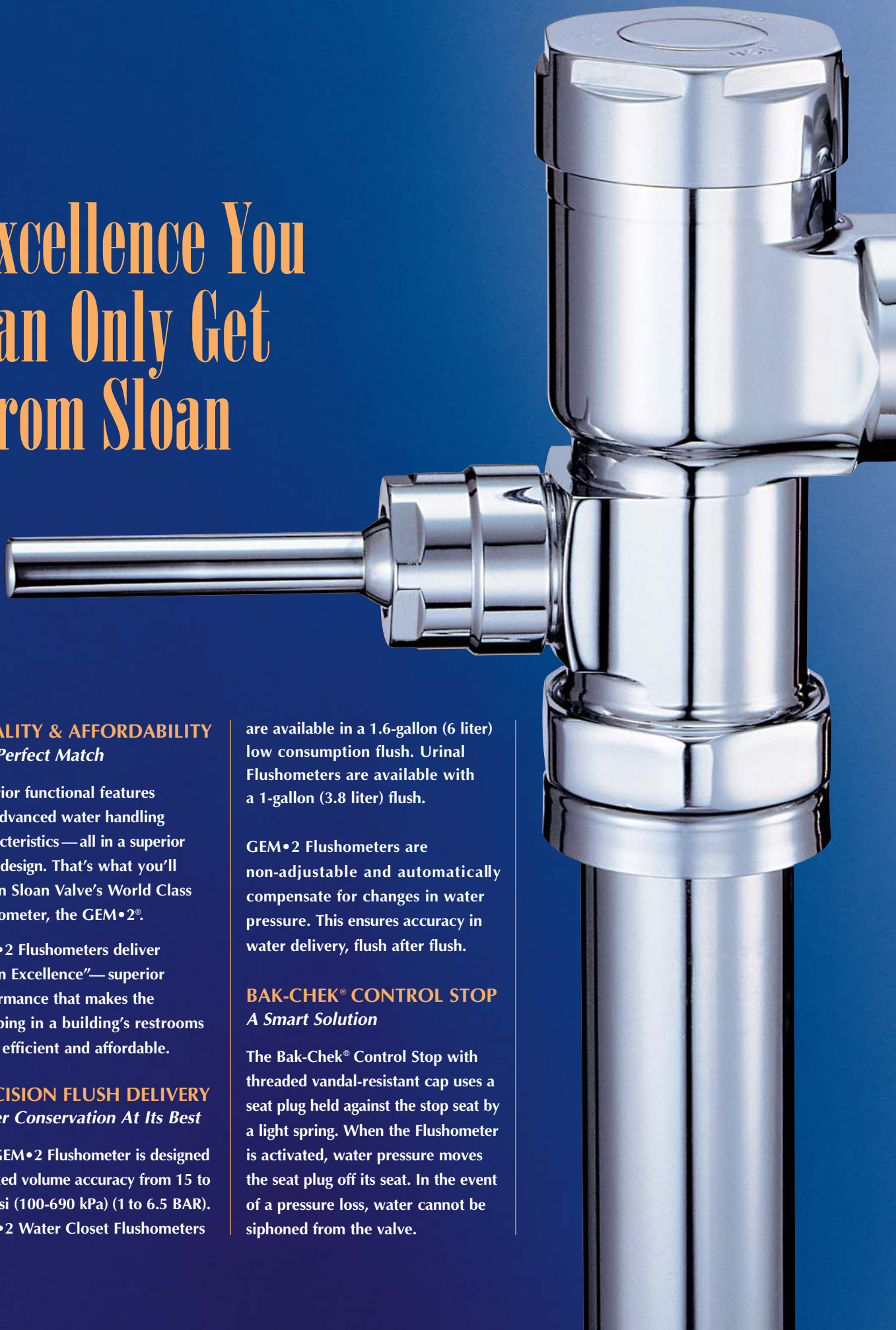
# The Sloan GEM•2<sup>®</sup> Flushometer

World Class Quality



SLOAN<sup>®</sup>

# Excellence You Can Only Get From Sloan



## **QUALITY & AFFORDABILITY** *The Perfect Match*

Superior functional features and advanced water handling characteristics—all in a superior valve design. That's what you'll find in Sloan Valve's World Class Flushometer, the GEM•2®.

GEM•2 Flushometers deliver "Sloan Excellence"—superior performance that makes the plumbing in a building's restrooms more efficient and affordable.

## **PRECISION FLUSH DELIVERY** *Water Conservation At Its Best*

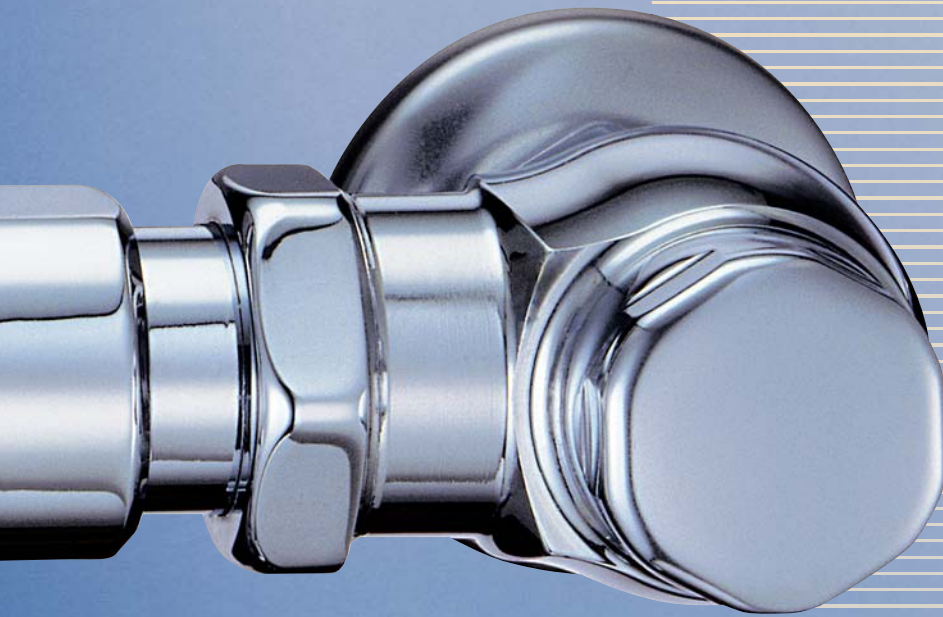
The GEM•2 Flushometer is designed for fixed volume accuracy from 15 to 100 psi (100-690 kPa) (1 to 6.5 BAR). GEM•2 Water Closet Flushometers

are available in a 1.6-gallon (6 liter) low consumption flush. Urinal Flushometers are available with a 1-gallon (3.8 liter) flush.

GEM•2 Flushometers are non-adjustable and automatically compensate for changes in water pressure. This ensures accuracy in water delivery, flush after flush.

## **BAK-CHEK® CONTROL STOP** *A Smart Solution*

The Bak-Chek® Control Stop with threaded vandal-resistant cap uses a seat plug held against the stop seat by a light spring. When the Flushometer is activated, water pressure moves the seat plug off its seat. In the event of a pressure loss, water cannot be siphoned from the valve.

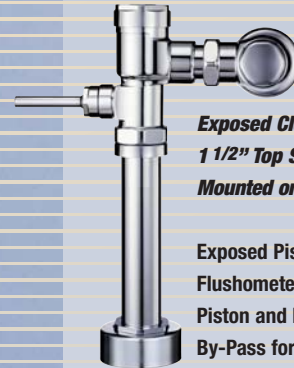


**MODEL 110**

*(Water Saver, 3.5 gpf/13.2 Lpf)*

**MODEL 111**

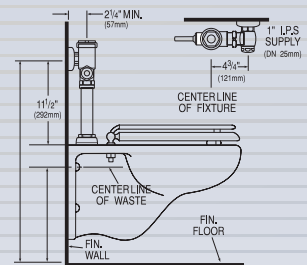
*(Low Consumption, 1.6 gpf/6.0 Lpf)*



**Exposed Closet Flushometer –  
1 1/2" Top Spud (for Floor  
Mounted or Wall Hung Bowls)**

**Exposed Piston Type  
Flushometer with Fixed Volume  
Piston and Filtered O-Ring  
By-Pass for Water Closet  
Installation, Chrome Plated,**

**metal oscillating Non-Hold-Open ADA  
Compliant Handle, 1" I.P.S. Screwdriver  
Bak-Chek® Angle Stop with Protective Cap,  
Adjustable tailpiece, Sweat Kit with Cast  
Set Screw Wall Flange, Vacuum Breaker  
Flush Connection and Spud Coupling for  
1 1/2" Top Spud (or 1 1/2" Exposed Spud),  
Wall and Spud Flanges.**



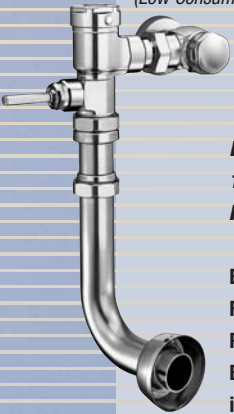
**International Note:**

*Available less Vacuum Breaker and with a  
1 1/4" Flush Connection. Control Stop is  
available with 1" Whitworth Thread.*

**There's a GEM•2® to Fit Your Needs  
Domestically and Internationally**

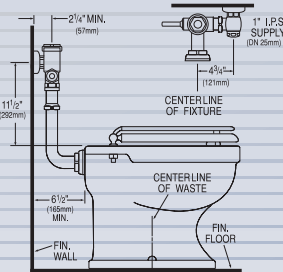
*The GEM•2 Flushometer incorporates Sloan Quality —  
with features only found in the leading Flushometers throughout the  
world today. These features in Sloan's advanced design allow GEM•2  
the capability to deliver outstanding water savings; GEM•2 meters  
water precisely with every flush.*

*The GEM•2 is available in several different models to meet your  
Flushometer needs. You simply specify the water delivery in accordance  
with the plumbing fixture: 1.6 gpf/6.0 Lpf or 3.5 gpf/13.2 Lpf for closets,  
or 1.0 gpf/3.8 Lpf, 1.5 gpf/5.7 Lpf or 3 gpf/11.0 Lpf for urinals  
(2.4 gpf/9.0 Lpf closet valves are available upon request).*

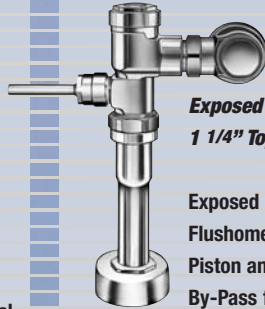
**MODEL 120 YG***(Water Saver, 3.5 gpf/13.2 Lpf)***MODEL 120-1.6 YG***(Low Consumption, 1.6 gpf/6.0 Lpf)*

**Exposed Closet Flushometer –  
1 1/2" Back Spud (for Floor  
Mounted, Back Spud Bowls)**

Exposed Piston Type Flushometer with Fixed Volume Piston and Filtered O-Ring By-Pass for Water Closet installation, Chrome Plated, metal oscillating Non-Hold-Open ADA Compliant Handle, 1" I.P.S. Screwdriver Bak-Chek® Angle Stop with Protection Cap and Seat Bumper (for seats with or without covers), Adjustable Tailpiece, Sweat Kit with Cast Set Screw Wall Flange, Vacuum Breaker Flush Connection and Spud Coupling for 1 1/2" Exposed Back Spud, Wall and Spud Flanges.

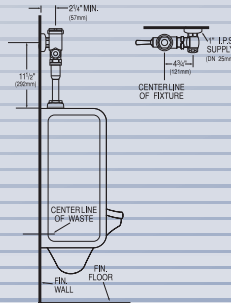
**International Note:**

Available less Vacuum Breaker and with a 1 1/4" Flush Connection. Control Stop is available with 1" Whitworth Thread.

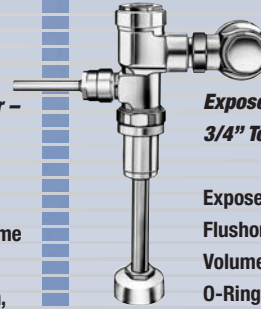
**MODEL 180***(Conventional, 3 gpf/11.0 Lpf)***MODEL 180-1.5***(Water Saver, 1.5 gpf/5.7 Lpf)***MODEL 180-1***(Low Consumption, 1.0 gpf/3.8 Lpf)*

**Exposed Urinal Flushometer –  
1 1/4" Top Spud**

Exposed Piston Type Flushometer with Fixed Volume Piston and Filtered O-Ring By-Pass for Urinal installation, Chrome Plated, metal oscillating Non-Hold-Open ADA Compliant Handle, 1 1/4" I.P.S. Screwdriver Bak-Chek® Angle Stop with Protective Cap, Adjustable Tailpiece, Sweat Kit with Cast Set Screw Wall Flange, Vacuum Breaker Flush Connection and Spud Coupling for 1 1/4" Top Spud, Wall and Spud Flanges.

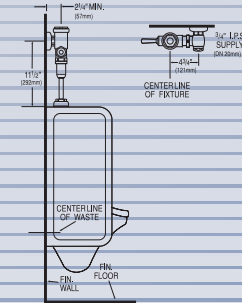
**International Note:**

Available less Vacuum Breaker. Control Stop is available with 1" Whitworth Thread.

**MODEL 186***(Water Saver, 1.5 gpf/5.7 Lpf)***MODEL 186-1***(Low Consumption, 1.0 gpf/3.8 Lpf)***MODEL 186-0.5***(0.5 gpf/1.9 Lpf)*

**Exposed Urinal Flushometer –  
3/4" Top Spud**

Exposed Piston Type Flushometer with Fixed Volume Piston and Filtered O-Ring By-Pass for Urinal installation, Chrome Plated, metal oscillating Non-Hold-Open ADA Compliant Handle, 3/4" I.P.S. Screwdriver Bak-Chek® Angle Stop with Protective Cap, Adjustable Tailpiece, Sweat Kit with Cast Set Screw Wall Flange, Vacuum Breaker Flush Connection and Spud Coupling for 3/4" Top Spud, Wall and Spud Flanges.

**International Note:**

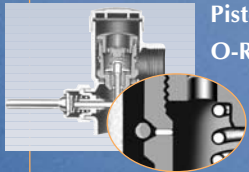
Available less Vacuum Breaker.

## Our Standards Help You Raise Yours

The Sloan GEM•2 is manufactured to the highest Quality standards in the world. The Valve Body, Cover, Tailpiece and Control Stop are made in conformance with ASTM Alloy Classification for Semi-Red Brass. The GEM•2 Flushometer is designed and manufactured to meet applicable requirements of ASME/ANSI 112.19.6 and ASSE 1037, as well as the CSA B-125 Standard and most other Flushometer Standards and specifications. You are assured of continued, uninterrupted service with the GEM•2.



### FILTERED O-RING BY-PASS A Key Advantage



Piston operated with O-Ring protected filtered metering by-pass orifice makes the GEM•2

Flushometer perform better and more reliably in all types of water supply systems. Compared to screens, which can clog and are difficult to clean, Sloan's GEM•2 ensures continued, uninterrupted performance, even in dirty water conditions.

### DEZINCIFICATION RESISTANCE

*A Value-Added Feature*

The GEM•2 is made from high-copper, low-zinc brass castings. The low-zinc castings ensure dezincification resistance, reduce maintenance costs and extend valve life.

### CHEMICAL RESISTANCE Permex® Rubber

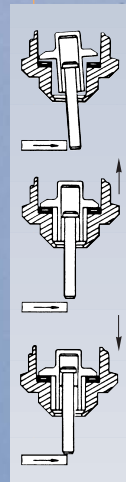
GEM•2's handle packing, stop seat and vacuum breaker are custom molded from Permex® elastomeric rubber compound that not only adapts to changing conditions but resists harsh chemicals like Chloramine and ammonia-treated water supplies.

### ADA HANDLE Water Savings Compliance

GEM•2 piston Flushometers feature an ADA compliant handle that makes it easy for anyone to use.

### NON-HOLD-OPEN HANDLE A Better Way

The GEM•2 performs its intended flushing cycle and shuts-off *automatically*—regardless if the handle is held down continuously or not. This ensures a *consistent* flush every time.

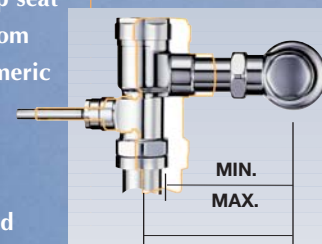


1. First thrust of handle plunger tilts relief valve to start flush cycle.

2. Relief valve stem carried above extended handle plunger as Flushometer goes through cycle.

3. Relief valve collapsed on top of extended handle plunger permitting Flushometer to shut off automatically.

### ADJUSTABLE TAILPIECE Instant Flexibility



The Sloan Adjustable Tailpiece is designed and engineered to compensate for "off center"

installation on the job, making the GEM•2 one of the most "friendly" Flushometers you can install. Maximum adjustment is 1/2"(13 mm) in or 1/2"(13 mm) out from the standard 4 3/4"(120 mm) center of Flushometer to center of control stop.

# GEM•2<sup>®</sup>

## From the World Leader in Flushometers

*There can be only one company that is the leader in its market. In Flushometers, that leader is Sloan Valve Company.*

### A FAMILY OF RELIABLE PRODUCTS

*Sloan manufactures and sells more Flushometers to world markets than all other brands combined. Our innovative designs, high quality and dependable operation and long life have become benchmarks of an industry.*

### WORLD CLASS PERFORMANCE

*The GEM•2, with its world-class quality and affordability, can be found in cities throughout the world, serving a variety of building requirements in high rises, hospitals, and other commercial construction.*

### SLOAN OFFERS EXCELLENCE

*Our focus has been upon delivering products that perform in a consistent, reliable way. Since our beginnings in 1906, we have striven to deliver Quality to the plumbing industry. That's why today, more than any other manufacturer, the name Sloan has come to stand for the highest level of Quality.*

*Your building deserves the very best. It deserves Sloan Excellence.*



# SLOAN<sup>®</sup>

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