

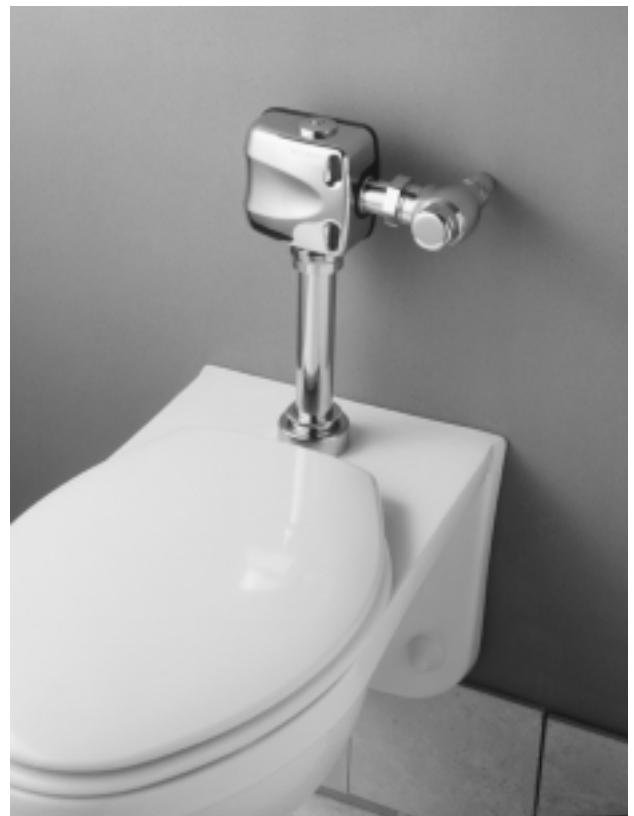
Exposed Electronic Flushometer Valve – Installation Instructions

Urinal Models

Retrofit Right Rough-In	115.840.21.1
Retrofit Left Rough-In	115.841.21.1
Complete Right Rough-In	115.842.21.1
Complete Left Rough-In	115.843.21.1

Toilet Models

Retrofit Right Rough-In	115.844.21.1
Retrofit Left Rough-In	115.845.21.1
Complete Right Rough-In	115.846.21.1
Complete Left Rough-In	115.847.21.1



Box Contents:

Retrofit Models

Flushometer Body
4 - "AA" Batteries
Battery Holder
Allen Wrench
Inlet Filter

Complete Models

Flushometer Body
4 - "AA" Batteries
Battery Holder
Allen Wrench
Inlet Filter
Control Stop Valve
Spud Tube with Vacuum Breaker and Nuts
Spud Flange

Settings:

(Adjustments Made with Service Remote Control 115.830.00.1)

Flush Volume (Specified when ordering)

<u>Model</u>	<u>Default</u>	<u>Adjustment Range</u>	<u>Increment</u>
Urinal	0.5 or 1.0 or 1.5	(GPF) 0.3 – 1.5	0.1
Toilet	1.6 or 3.5 (GPF)	1.0 – 3.5	0.1

Dwell Time (Time a person must be in range)

<u>Model</u>	<u>Default</u>	<u>Adjustment Range</u>	<u>Increment</u>
All	7 (Sec.)	1 – 10	1

Flush Delay (Delay after person leaves range to flush start)

<u>Model</u>	<u>Default</u>	<u>Adjustment Range</u>	<u>Increment</u>
All	2 (Sec.)	0 – 5	1

Reseal Volume (Optimizes flush performance)

<u>Model</u>	<u>Default</u>	<u>Adjustment Range</u>	<u>Increment</u>
Toilet	0.3 – 0.5 (GPF)	0.1 – 0.9	0.1

Dynamic Flush (Reduces GPF in very frequent usage periods)

<u>Model</u>	<u>Default</u>	<u>Adjustment Range</u>
Urinal	Off	On/Off

User Detection Range (Adjusts max. range of sensor)

<u>Model</u>	<u>Default</u>	<u>Adjustment Range</u>	<u>Increment</u>
Urinal	20"	15" – 42"	1
Toilet	30"	15" – 42"	1

* See the Service Remote Control documentation for many other adjustable settings

** For Retrofit models, skip to Step 3

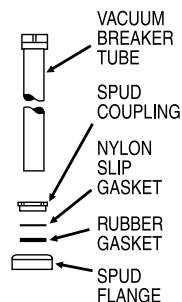
Step 1 – Install Control Stop Valve

- Thread the 1" or ¾" Stop Valve to the pipe nipple extending from the wall.
- The water inlet to the flushometer body should be aligned with the spud inlet on top of the fixture (i.e. urinal) but at a minimum of 2-¾".
- Pipe sealant is acceptable on the connecting thread with the pipe nipple only.
- Flush water line to clear debris by opening Stop Valve momentarily



Step 2 – Install Spud Tube with Vacuum Breaker and Flange

- Place Spud Flange on top of fixture
- Assemble: Spud Coupling, Spud Nut, Slip Ring, and Rubber Washer onto Spud Tube with Vacuum Breaker



- Insert Spud Tube with parts into Spud Inlet on top of fixture
- Hand Tighten



Step 3 – Insert Flushometer Valve

- Remove plastic shipping plugs from the inlet and outlet ports on flushometer body
 - * Every unit is water pressure tested after assembly.
- Insert screen filter into inlet port
- Wet tailpiece o-ring with water
- Insert flushometer body into stop valve



Step 4 – Align Flushometer Body and Tighten Nuts

- * Use smooth-jawed wrenches to protect finish when tightening nuts
- Align flushometer body with spud tube (Tailpiece allows for rough-in variation between centerline of stop valve and centerline of spud tube from 4- $\frac{1}{4}$ " – 5- $\frac{1}{4}$ ")
- Hand-tighten tailpiece nut and spud coupling nut
- Wrench-tighten: 1) Tailpiece nut 2) Spud Coupling nut 3) Spud nut



*Step 5 – Insert Batteries and Open Stop Valve

- Insert 4 "AA" batteries into battery holder as shown on holder
- Insert battery holder into flushometer body
- Tighten 2 captive screws with allen wrench provided
- Open control stop valve



Step 6 – Adjust Settings with Service Remote Control (Optional)

- Use the Service Remote Control to make adjustments to any of the default settings

Flush Volume
Dwell Time
Flush Delay Time
Reseal Volume (Toilets)
Dynamic Flush (Urinals)
User Detection Range
More (See Service Remote Information)



Override Button Operation (Toilet Models Only)

Press lightly for electronically controlled flush



Press harder and hold to manually open valve
(Use in cases where no power is available to activate flush)



Warranty

Geberit Manufacturing, Inc warrants that the infrared sensor flush-o-meter valve shall be free from defective material and workmanship for the following time periods:

Solenoid Valve – Three (3) years from date of installation
All other mechanical components – Five (5) years from date of installation
Finish – One (1) year from date of installation

If an inspection by Geberit or its authorized representative discloses such defects, Geberit Manufacturing, Inc shall replace defective components during the time period specified for those components.

Geberit Manufacturing, Inc will not be liable for any labor or other expenses not specifically stated above and disclaim any responsibility for incidental or consequential damages. Warranties implied by law, including those of merchantability is expressly limited to the period of the warranty. This limitation and exclusion does not apply in those states that do not allow limitations on the duration of implied warranties or the exclusion or limitation of incidental or consequential damages. Therefore, this limitation may not apply to you. This warranty gives you specific legal rights and you may have other rights, which vary, from state to state.

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