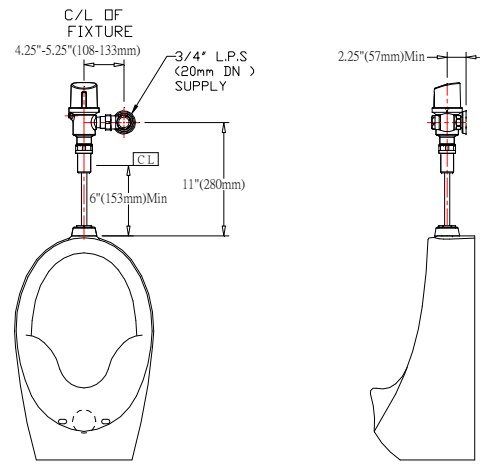


**UF526DE**  
**Urinal Electronic Flusher**  
 Installation, Maintenance & Operation Instructions

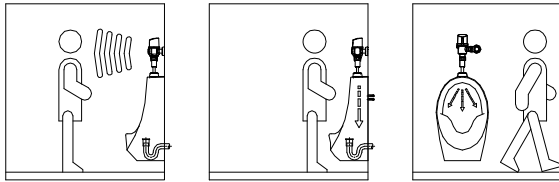
**Stand Installation**



**Specification**

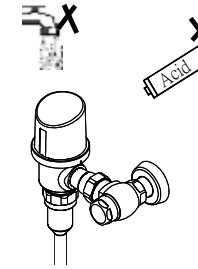
Product description	Urinal Electronic Flusher
Model	UF526DE
Material of casing	Chrome plated brass casting
Power Supply	Size AA Alkaline Battery * 4pcs
Power consumption	3W or less
Sensing distance	40 - 80cm
Different Flushing Volume	0.25 / 0.5 / 1.0 / 1.5 GPF (adjustable)
Applicable water pressure	1-7 Kg/ cm <sup>2</sup> ( 15 PSI ~ 100 PSI )
Water inlet pipe diameter	PT 3/4"
Water outlet pipe diameter	PT 3/4"

**How to use**



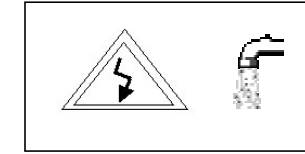
1. A continuous invisible light beam is emitted from the UF526 sensor. As the user enters the beam's effective range (40-80cm) more than 5 seconds, the output circuit continues in a "hold" mode for as long as the user remains within the effective range of the sensor.
2. When user leaves the sensing area, the unit automatically flushes the urinal.

**Cautions**



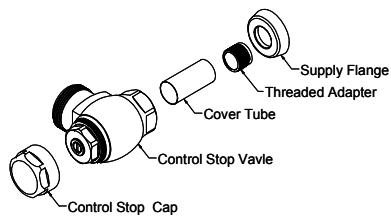
1. Keep the display panel on casing clean all the time, to avoid dirt or stain deposit that may result in poor sensing effect.
2. Do not press or put cigarette butts or other objects on the casing.
3. Do not spray water or wash the casing with strong acid, which may result in short-circuit or corrosion on casing. WIPE off any stain with a wet soft cloth.

**Installation and cautions**

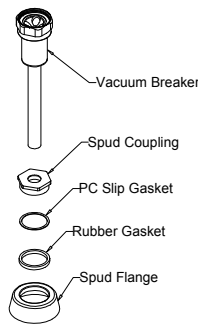


1. **Check water supply**
  - a. Remove extraneous matter from the water pipe to avoid obstruction.
  - b. Make sure to turn off water supply before installation.

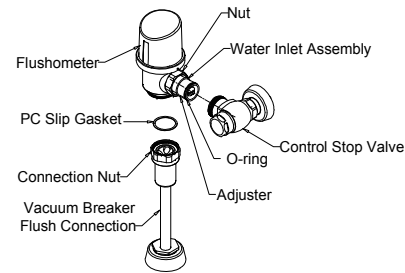
**Installation and cautions**



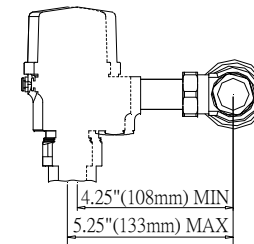
2. **Install water stop valve**
  - a. Solder threaded adapter onto water inlet pipe coming from the wall.(if needed)
  - b. Insert the supply flange and cover tube over the adapter. Tighten the set screw.
  - c. Control stop cap to control stop valve assembly. Valve cap to water stop assembly.



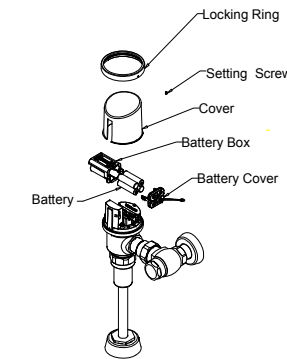
3. **Install vacuum breaker flush connection**
  - a. Insert spud flange, PC slip gasket, rubber gasket and spud coupling through vacuum breaker tube.
  - b. Insert vacuum breaker tube into water inlet of urinal.



4. **Install flush valve body**
  - a. Wet O-ring seal with water to lubricate .
  - b. Insert water inlet assembly to water stop assembly.
  - c. Join nut to water stop assembly.
  - d. Align flush meter body with vacuum breaker flush connection.
  - e. Tighten nut with hand.



5. **Adjust distance to wall pipe**
  - a. Regular distance between water stop valve and water inlet main unit is 4 3/4" (121mm).
  - b. Range of adjustable distance from nominal extend or shorten with 1/2"(12.5mm).
  - c. Rotate the threaded Adapter sleeve onto the Tailpiece to position the Stop Coupling Nut.



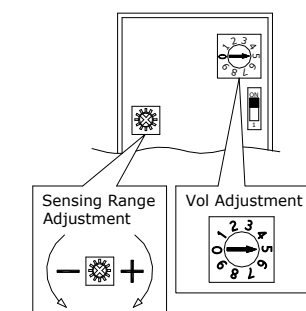
6. **Install Batteries & Test Operation**
  - a. Loosen the screw with a Hexagonal wrench to remove the Locking Ring .
  - b. Remove the battery cover, install Alkaline AA size batteries as illustrated. Turn on the water supply and begin the Operation Test.
  - c. If it is required to adjust sensing range, refer to Adjustment Instructions (1). If it is required to adjust flushing time, refer to Adjustment Instructions (2).
  - d. Reinstall the Cover and Locking Ring in reverse order after running the test successfully.
  - e. This completes the Operation Test.

**\* It's normal to see continuous flushing before the batteries are installed; it will stop once the batteries are completely installed.**

**Adjustment**

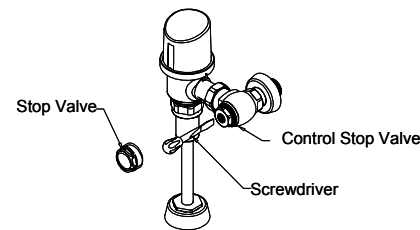
SW	Flush Volume	
0	1.0 LPF	0.25 GPF
1	1.9 LPF	0.5 GPF
2	1.9 LPF	0.5 GPF
3	1.9 LPF	0.5 GPF
4	3.78 LPF	1.0 GPF
5	3.78 LPF	1.0 GPF
6	3.78 LPF	1.0 GPF
7	5.7 LPF	1.5 GPF
8	5.7 LPF	1.5 GPF
9	5.7 LPF	1.5 GPF

← Factory setting

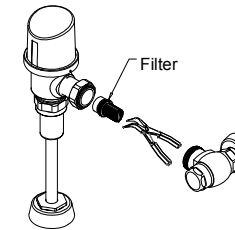


- (1) **Sensing range adjustment**  
 Use a slot-head screwdriver to adjust the variable resistor in the hole. Turn anticlockwise to shorten sensing distance, or clockwise to lengthen it. The factory default setting is 60 cm. DO NOT make adjustment unless necessary.

- (2) **Flush time adjustment (Flush volume adjustment)**  
 Since the water pressures and urinal models may differ in different locations, please refer to the above chart to adjust to the appropriate flush time to receive the best result.



- (3) **Flush volume adjustment**
  - a. Use a slotted screwdriver to turn Control Stop Cap counter clockwise to increase the volume.
  - b. Turn clockwise to decrease the volume.



- (4) **Clean filter screen**  
 Poor water quality will result in obstructed and reduced flow. This may be reduced by cleaning the filter regularly. To do so, turn off water supply (you can use a slotted screwdriver to turn the flow adjust shaft clockwise). Remove the filter unit with the Pliers as illustrated, place the filter

**Troubleshooting**

Trouble	Possible cause	Troubleshooting
Red lamp flashing	1. Weak battery	Replace battery (Alkaline Battery)
No flushing	1. Dirty sensor window	Wipe sensor window with tissue paper
(Red lamp does not light on during sensing process)	2. Sensing distance too long	Shorten sensing distance
	3. Control circuit failure	Replace control circuit
No flushing	1. Water faucet not turned on	Check water supply
(Red lamp flashes on and off during sensing process)	2. Solenoid terminal loosened	Re-connect solenoid terminal
	3. Solenoid failure	Replace solenoid
	4. Control circuit failure	Replace control circuit
Water keeps running	1. Solenoid diaphragm obstructed	Clean solenoid diaphragm
	2. Manual knob defective	Replace manual knob
	3. Control circuit failure	Replace control circuit
Water flow too weak	1. Water inflow too weak	Adjust valve to increase water flow
	2. Filter valve obstructed	Clean filter valve

- \* Make sure to locate the trouble, and refer to the list for troubleshooting.
- \* Make sure to use **Alkaline Battery**.

