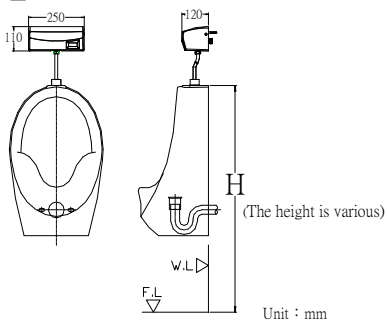


UF508AC  
Urinal Flusher  
Installation instructions

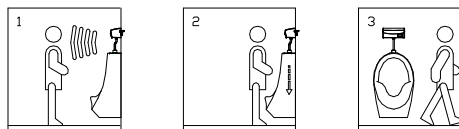
■ standard installation



■ Specification

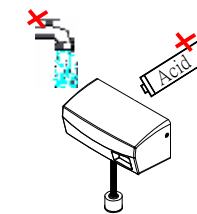
Model	UF508AC
Product	Urinal Flusher
Power	AC110V or AC220V 50/60 Hz
Power consumption	6w or less
flushing time	2.4.6.8.10.12.14.16 sec (adjustable)
Sensing distance	30~70 cm (adjustable)
water pressure	0.5~6kgf/cm <sup>2</sup>
outside dimension	11(L)*25(W)*12(D)cm
water inlet pipe	PF1/2
installation	Wall hanging type

■ How to use



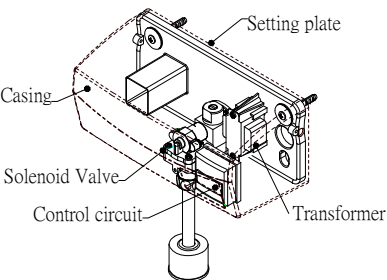
1. A continuous invisible light beam is emitted from the sensor
2. As the user enters the beam's effective range more than 3 seconds, the circuit imitates a flush for 1 second.
3. When the user steps away, the circuit initiates a flushing cycle to flush the fixture.

■ Cautions

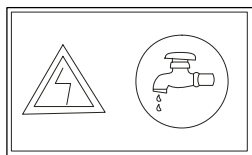


1. Keep the display panel on casing clean at all times to avoid dust or deposit stains depositing on the surface, which may result in poor sensing effect
2. Do not press, put cigarette butts or articles on the casing.
3. Do not spray with water or wash the casing with strong acid, which may result in short-circuit or corrosion on casing, USE a wet soft cloth to wipe off any dirt or stains.

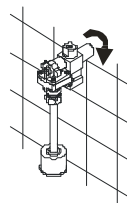
■ Assembly



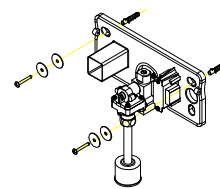
■ Installation and caution



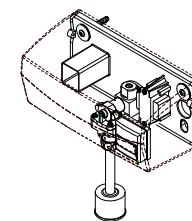
1. Check water supply and Power supply:
  - Make sure to use the correct voltage
  - Clean off any clogging in the water piping
  - Shut off the electrical power and water during the installation



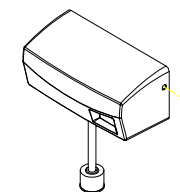
2. Fix the flusher:
  - Wind anti-leak tape on flusher water inlet and mount the flange on the water inlet.
  - Turn flusher unit clockwise into the water outlet on the wall.



3. Fix the setting plate
  - Using the setting screw fix the setting plate on the wall.

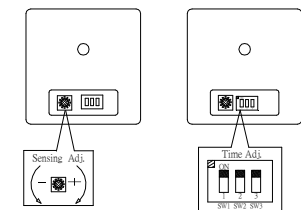


4. Wiring and testing:
  - Assembly the power supply lead wire, Sensor box lead wire and Solenoid valve lead wire
  - After finishing wiring, turn on the electricity and water supply to test the flusher

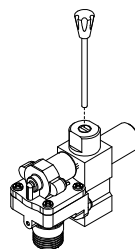


5. Fix casing
  - When function test finished using the fix screw to fix the casing.

■ Adjustment :

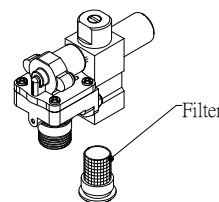


SW1	SW2	SW3	FLUSH TIME
ON	ON	ON	2 SEC
ON	ON	OFF	4 SEC
ON	OFF	ON	6 SEC
ON	OFF	OFF	8 SEC
OFF	ON	ON	10 SEC
OFF	ON	OFF	12 SEC
OFF	OFF	ON	14 SEC
OFF	OFF	OFF	16 SEC



- (3) Adjust water volume:
 

Use a slot-head screwdriver to adjust the flow; adjust shaft on top of water-stop valve. Turn it clockwise to reduce water flow.



- (4) Clean filter screen:
 

Poor water quality will result in obstructed obstructed and reduced flow. Turn off water (use a slot-head screwdriver to turn the flow adjust shaft clockwise). Remove the filter unit with the screwdriver, clean it and replace it and and replace it in reverse order.

■ Troubleshooting:

Trouble	Possible cause	Troubleshooting
Transformer burnout	1. Power voltage not correct	Replace transformer
Does not flush	1. Power lead wire don't connect	Re-connect
(Red lamp does not light on during sensing process)	2. Power lead wire don't connect	Re-connect
	3. Control circuit failure	Replace control circuit unit
Does not flush	1. Water supply is turned off	Check water supply
(Red lamp flashes on during sensing process)	2. Solenoid terminal loosened	Re-connect solenoid terminal
	3. Solenoid failure	Replace solenoid
	4. Control circuit failure	Replace control circuit unit
Does not flush	1. Stained sensor window	Wipe sensor window with clean tissue paper
(Red lamp always on)	2. Sensing distance too long	Shorten sensing distance
Water keeps running	1. Obstructed solenoid	Remove dirt in solenoid
	2. Control circuit failure	Replace control circuit unit
Weak water flow	1. Water flow too small	Increase water flow
	2. Filter obstructed	Clean filter

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

- (1) Adjust sensing distance
 

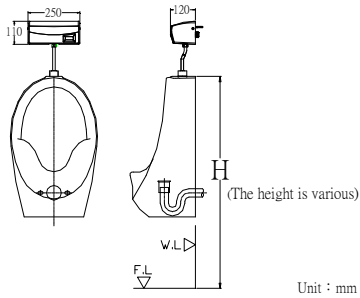
Use a slot-head screwdriver to adjust the variable resistor to adjust the sensing distance. Turn anticlockwise to shorten sensing distance, or clockwise to lengthen it. The product has been adjusted to 50cm distance before ex-factory delivery. Do not make adjustment unless necessary.

- (2) Adjust flushing time:
 

Since the water pressures and urinal models may differ in different locations, please refer to the above chart to adjust the appropriate flush time and obtain an optimum flushing effect.

UF508DC  
Urinal Flusher  
Installation instructions

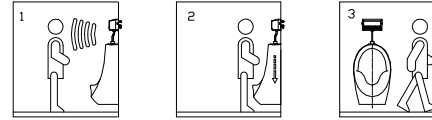
■ Stand Installation



■ Specification

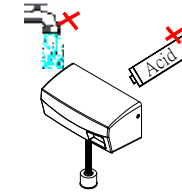
Title	Urinal Flusher
Model	UF508DC
Power Source	Alkaline Battery DC 6V(1.5V AA Size X4)
Power consumption	3w or less
Sensing distance	30~70 cm (adjustable)
flushing time	2.4.6.8.10.12.14.16 sec (adjustable)
water pressure	0.5~6kgf/cm <sup>2</sup>
outside dimension	11(L)*25(W)*12(D)cm
water inlet pipe	PF1/2
installation	Wall hanging type

■ How to use



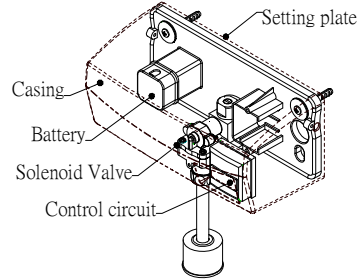
1. A continuous invisible light beam is emitted from the sensor.
2. As the user enters the beam's effective range more than 3 seconds, the circuit imitates a flush for 1 second.
3. When the user steps away, the circuit initiates a flushing cycle to flush the fixture.

■ Cautions

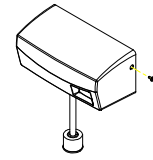
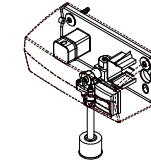
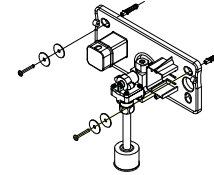
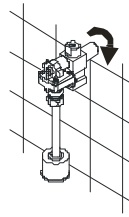
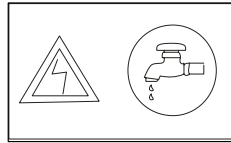


1. Keep the display panel clean all the time, due to the dust and depositing on the surface may result in poor sensing effect
2. Do not press, put cigarette butts or articles on the casing.
3. Do not spray with water or wash the casing with strong acid, which may result in short-circuit or corrosion on casing, USE a wet soft cloth to wipe off any dirt or stains

■ Assembly



■ Installation and caution



1. Check water supply and Power supply
  - Make sure to use the correct voltage.
  - Clean off any clogging in the water piping.
  - Shut off the electrical power and water during the installation.

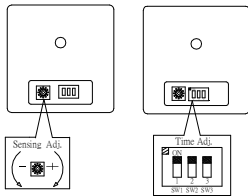
2. Fix the flusher
  - Wind anti-leak tape on flusher water inlet and mount the flange on the water inlet.
  - Turn flusher unit clockwise into the water outlet on the wall.

3. Fix the setting plate
  - Using the setting screw fix the setting plate on the wall.

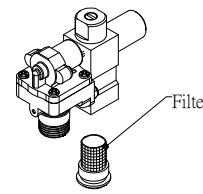
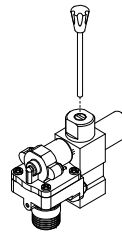
4. Install battery and test
  - Connect the power supply lead wire and the solenoid lead wire.
  - Test the function.

5. Fix casing
  - When function test finish using the fix screw to fix the casing.

■ Adjustment



SW1	SW2	SW3	FLUSH TIME
ON	ON	ON	2SEC
ON	ON	OFF	4SEC
ON	OFF	ON	6SEC
ON	OFF	OFF	8SEC
OFF	ON	ON	10SEC
OFF	ON	OFF	12SEC
OFF	OFF	ON	14SEC
OFF	OFF	OFF	16SEC



**(1) Adjust sensing distance**  
Use a slot-head screwdriver to adjust the variable resistor to adjust the distance in the hole. Turn anticlockwise to shorten sensing distance, or clockwise to lengthen it. The product has been adjusted to 50cm distance before ex-factory delivery. Do not make adjustment unless necessary.

**(2) Adjust flushing time:**  
Since the water pressures and urinal models may differ in different locations, please refer to the above chart to adjust the appropriate flush time and obtain an optimum flushing effect.

**(3) Adjust water volume:**  
Use a slot-head screwdriver to adjust the flow; adjust shaft on top of water-stop valve. Turn it clockwise to reduce water flow.

**(4) Clean filter screen:**  
Poor water quality will result in obstructed and reduced flow. Turn off water (use a slot-head screwdriver to turn the flow adjust shaft clockwise). Remove the filter unit with the screwdriver, clean it and replace it and replace it in reverse order.

■ Troubleshooting

Trouble	Possible cause	Troubleshooting
Red indicator flashes	1. Weak battery	Replace new battery
Does not flush	1. Stained sensor window	Re-connect
(Red lamp does not light on during sensing process)	2. Sensing distance too long	Re-connect
	3. Control circuit defective	Replace control circuit unit
Does not flush	1. Water supply is turned off	Check water supply
(Red lamp flashes on during sensing process)	2. Solenoid terminal loosened	Re-connect solenoid terminal
	3. Solenoid failure	Replace solenoid
	4. Control circuit failure	Replace control circuit unit
Water keeps running	1. Obstructed solenoid	Remove dirt in solenoid
	2. Control circuit	Replace control circuit unit
Weak water flow	1. Water flow too	Increase water flow
	2. Filter obstructed	Clean filter

\* Make sure to locate the trouble, and refer to the list for troubleshooting.

\* Make sure to use Alkaline battery.