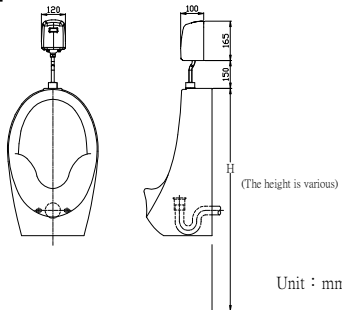


UF502AC
Urinal Flusher
Installation instructions

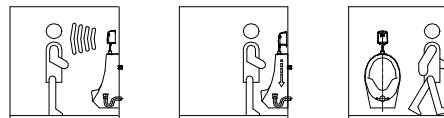
Standard installation



Specification

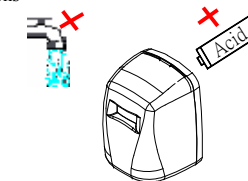
Title	Urinal Flusher
Model	UF502AC
Power	AC110V or AC220V 50/60 Hz
Power consumption	6w or less
flushing time	2.4.6.8.10.12.14.16 sec (adjustable)
Sensing distance	30~70 cm (adjustable)
water pressure	0.5~6kgf/cm ²
outside dimension	16.5(L)*12(W)*10(D)cm
water inlet pipe	PF1/2
installation	Wall hanging type

How to use



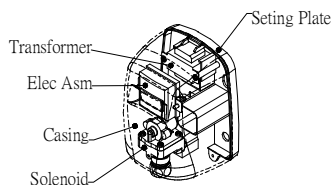
1. A continuous invisible light beam is emitted from the sensor
2. As the user enters the beam's effective range more than 3 seconds, the circuit imitates a flush for 1 second.
3. When the user steps away, the circuit initiates a flushing cycle to flush the fixture.

Cautions

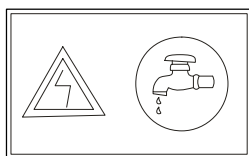


1. Keep the display panel on casing clean at all times to avoid dust or deposit stains depositing on the surface, which may result in poor sensing effect.
2. Do not press, put cigarette butts or articles on the casing.
3. Do not spray with water or wash the casing with strong acid, which may result in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

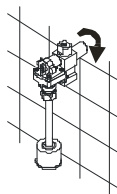
Assembly



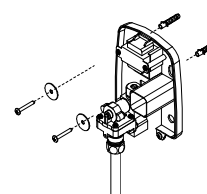
Installation and caution



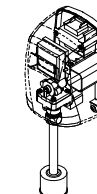
1. Check water supply and Power supply:
 - Make sure to use the correct voltage
 - Clean off any clogging in the water piping
 - Shut off the electrical power and water during the installation



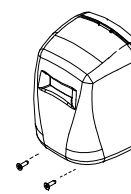
2. Fix the flusher:
 - Wind anti-leak tape on flusher water inlet and mount the flange on the water inlet.
 - Turn flusher unit clockwise into the water outlet on the wall.



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

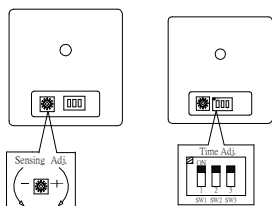


4. Wiring and testing:
 - Assembly the power supply lead wire, Sensor box lead wire and Solenoid valve lead wire
 - After finishing wiring, turn on the electric and water supply to test the flusher



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

Adjustment :



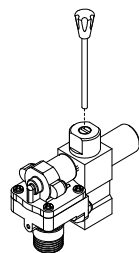
SW1	SW2	SW3	FLUSH TIME
ON	ON	ON	2SEC
ON	ON	OFF	4SEC
ON	OFF	ON	6SEC
ON	OFF	OFF	8SEC
OFF	ON	ON	10SEC
OFF	ON	OFF	12SEC
OFF	OFF	ON	14SEC
OFF	OFF	OFF	16SEC

(1) Adjust sensing distance

Use a slot-head screwdriver to adjust the variable resistor 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.

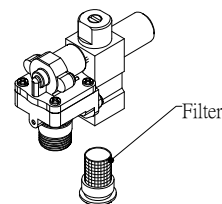
(2) Adjust flushing time:

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) Water flow adjustment

- Use screw driver to adjust the flow rate.
- Clockwise : Decrease
- Counterclockwise : increase



(4) Clean filter screen:

Poor water quality will result in obstruction of filter and reduced water flow. Please turn off water supply. Use a slot-head screw driver to remove the filter screen, clean and then replace it.

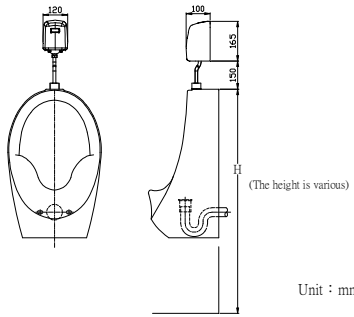
Troubleshooting:

Trouble	Possible cause	Troubleshooting
Transformer burnout	1. Power voltage not correct	Replace transformer
Does not flush (Red lamp does not light on during sensing process)	1. Power lead wire don't connect	Re-connect
	2. Power lead wire don't connect	Re-connect
	3. Control circuit failure	Replace control circuit unit
Does not flush (Red lamp flashes on during sensing process)	1. Water supply is turned off	Check water supply
	2. Solenoid terminal loosened	Re-connect solenoid terminal
	3. Solenoid failure	Replace solenoid
	4. Control circuit failure	Replace control circuit unit
Does not flush (Red lamp always on)	1. Stained sensor window	Wipe sensor window with clean tissue paper
	2. Sensing distance too long	Shorten sensing distance
Water keeps running	1. Obstructed solenoid membrane	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 locate the trouble, and refer to the list for troubleshooting.

UF02DC
Urinal Flusher
Installation instructions

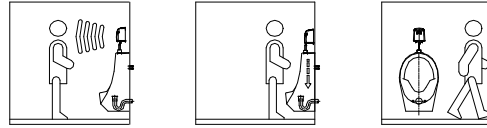
■ Standard installation



■ Specification

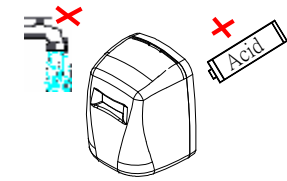
Title	Urinal Flusher
Model	UF502DC
Power	Size AA Alkaline battery x 4pcs
Power consumption	3w or less
Sensing distance	30~70 cm (adjustable)
flushing time	2.4.6.8.10.12.14.16 sec (adjustable)
water pressure	0.5~6kgf/cm ²
outside dimension	16.5(L)*12(W)*10(D)cm
water inlet pipe	PF1/2
installation	Wall-mounted type

■ Features



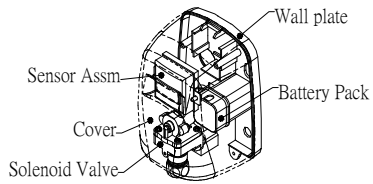
1. A continuous invisible light beam is emitted from the sensor.
2. As the user enters the beam's effective range more than 3 seconds, the circuit imitates a flush for 1 second.
3. When the user steps away, the circuit initiates a flushing cycle to flush the fixture.

■ Note

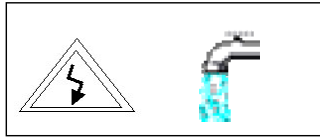


1. To prevent sensor function fail, please keep sensor window clean and dry.
2. Please do not put heavy objects or cigarette on the cover.
3. Please only use soft fabrics to wipe dirt. Do not use chemicals, alkaline, acid or spay water on this flusher.

■ Parts

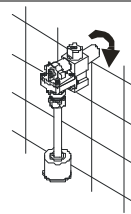


■ Installation steps and notes



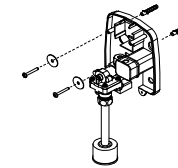
1. Check water supply :

- Clean the debris in pipe to prevent the water supply being blocked
- Please turn off the water flow before installation.



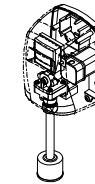
2. Install solenoid valve Assm.

- Wreathe sealing tape on the solenoid valve inlet then install the valve onto the supply pipe.
- Install water outlet onto flusher and connect to urinal.



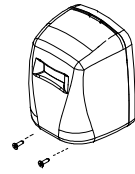
3. Set-up wall plate

- Check the correct position and then drive screws firm into wall.
- Please keep the distance at 15 cm from center of water supply to the top of urinal.



4. Connect and Test

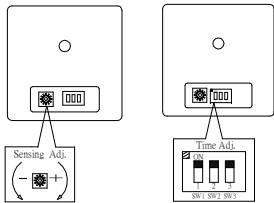
- Connect battery pack with solenoid valve module.
- Complete the connection procedure, turn on water supply and test the flusher



5. Fix cover

- After testing, screw the cover the wall plate.
- Installation is done.

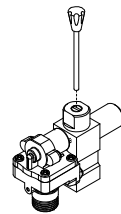
■ Adjustment



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

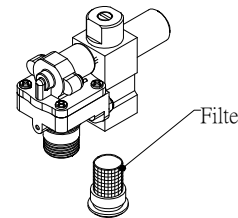
(2) Adjust flushing time:

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) Water flow adjustment

- Use screw driver to adjust the flow rate.
- Clockwise : Decrease
- Counterclockwise : increase



(4) Clean filter screen:

Poor water quality will result in obstruction of filter and reduced water flow. Please turn off water supply. Use a slot-head screw driver to remove the filter screen, clean and then replace it.

■ Troubleshooting

Trouble	Cause	Solution
Red indicator flashes	1. Weak battery	Replace new battery
Does not flush (Red lamp does not light on during sensing process)	1. Stained sensor window	Re-connect
	2. Sensing distance too long	Re-connect
	3. Control circuit defective	Replace control circuit unit
Does not flush (Red lamp flashes on during sensing process)	1. Water supply is turned off	Check water supply
	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 membrane	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 locate the trouble, and refer to the list for troubleshooting.

* Make sure to use Alkaline battery.