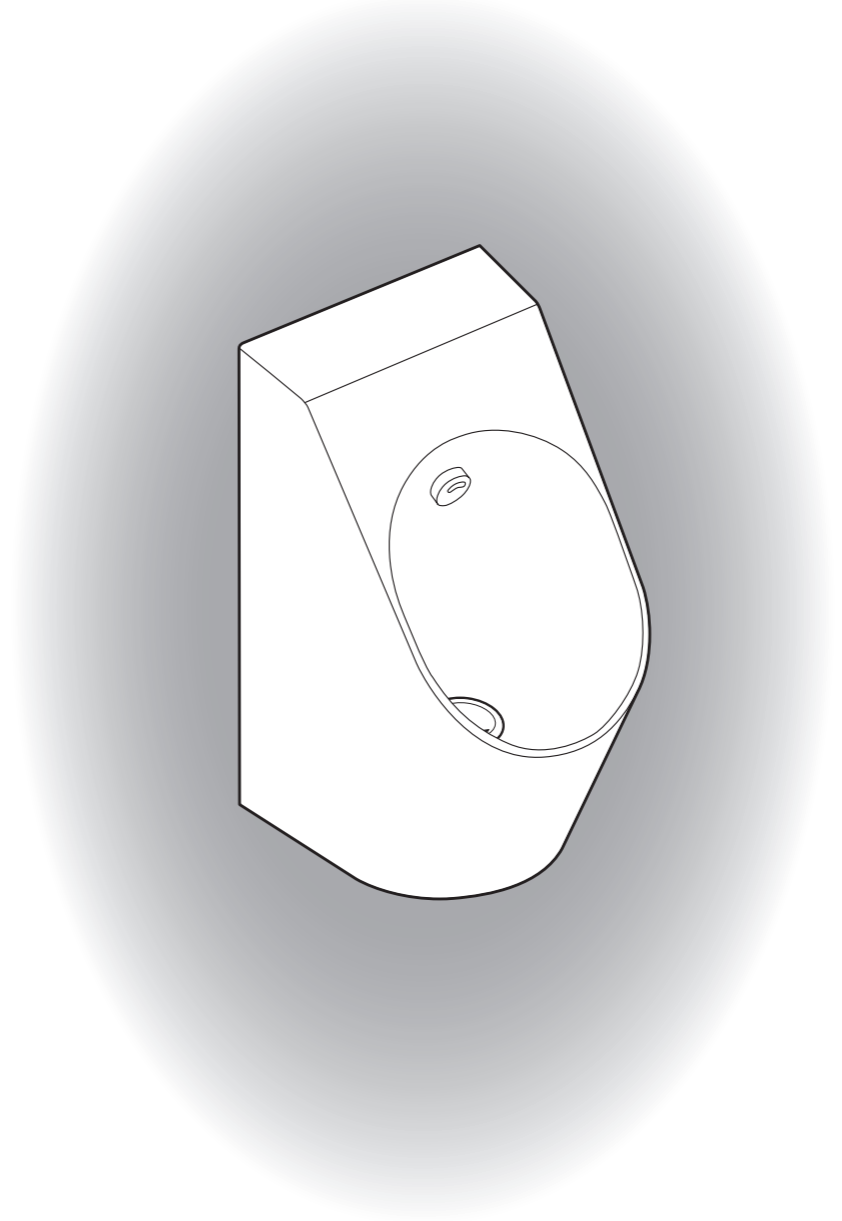


## Auto Flush Wall Mounted Urinal (Compact)

### USWN925 Series

Issues about repair&usage  
Please contact the installer or seller

Installer		
Seller	Tel	Signature



### Table of Contents

• Safety Precautions .....	2	Introduction
• Part Names .....	5	
• Operation System .....	6	Operation
• Pre-flush Setting .....	7	
• Routine Maintenance .....	8	Maintenance
• Periodic Inspection .....	11	
• Replacing the Battery .....	12	What to Do?
(Alkaline Battery Type)		
• Troubleshooting .....	14	
• Urinal FAQ .....	19	
• Specifications .....	20	Reference



· Thank you for your recent purchase of the TOTO Auto Flush Wall Mounted Urinal (Compact).  
Please read the enclosed information to ensure the safe use of your product.  
· Keep this Instruction Manual in a safe place for future reference.

# Safety Precautions





For safety, be sure to follow these

**Read these "Safety Precautions" carefully before using your product to ensure safe use.**

- After reading these precautions, be sure to keep them in a place where they can be referenced at any time by users of the product.
- This manual uses various symbols to indicate information for the safe and correct use of the product, and prevent harm to you or other people or damage to property. These indications and their meanings are as follows:




 <b>WARNING</b>	<b>Ignoring the text accompanying this indication and handling the product incorrectly could result in death or serious injury.</b>
 <b>CAUTION</b>	<b>Ignoring the text accompanying this indication and handling the product incorrectly could result in injury or property damage.</b>

Items to be observed are classified by type and explained with the following pictograms.




	 indicates a prohibited use of the product. The symbol on the left means "Do not disassemble".
	 indicates a required step in the use of this product. The symbol to the left indicates the action is "Required."

Figures and part shapes may differ slightly from the actual product depending on the product part number.



## WARNING

 Use prohibited near water	<b>Never use in a wet place, such as a bathroom, where condensation may form on the surface</b> Doing so may cause a malfunction or current leak.
 Do not touch	<For AC type> <b>Never touch the power terminal with your hands while power is being supplied</b> Doing so may cause electrical shock. ----- <For AC type> <b>Do not touch the controller during thunderstorms</b> Doing so may cause electrical shock.
 Wet hands prohibited	<b>Do not plug or unplug the connector with wet hands</b> Doing so may cause electrical shock.

## WARNING

 Do not disassemble	<b>Do not perform disassembly or alterations other than as described in this manual</b> Doing so may cause fire or electrical shock. Also, malfunctions such as water shutoff or spray defects may occur or the apparatus may be damaged, causing injuries or damage to property due to water leaking onto household belongings, etc.
 Prohibited	<b>Do not install on moving vehicles such as wheeled vehicles or boats.</b> Doing so may cause fire, electrical shock, short circuit or malfunction. The main unit or other parts may fall off, resulting in injury.
	<For AC type> <b>Do not use a power supply other than AC220-240 V</b> Using an unspecified AC or DC power supply may cause fire or malfunctions.
	<b>Do not wash the entire product with water</b> Doing so may cause a malfunction or current leak.
	<For alkaline battery type> <b>Use only alkaline batteries</b> Using an oxyride dry-cell battery or the like may cause fire or malfunctions.
 Required	<For alkaline battery type> <b>Do not pull the battery box electric wires</b> Doing so may disconnect the wires or terminals, or cause a malfunction or electrical shock.
	<b>Customers who are impaired in some manner or who have little experience or general knowledge (such as children) should only use this product under professional guidance</b> Failure to do so may cause burns, electrical shock, fire or injury. ----- <b>Do not allow children to use this product as a toy</b> Failure to do so may cause burns, electrical shock, fire or injury.

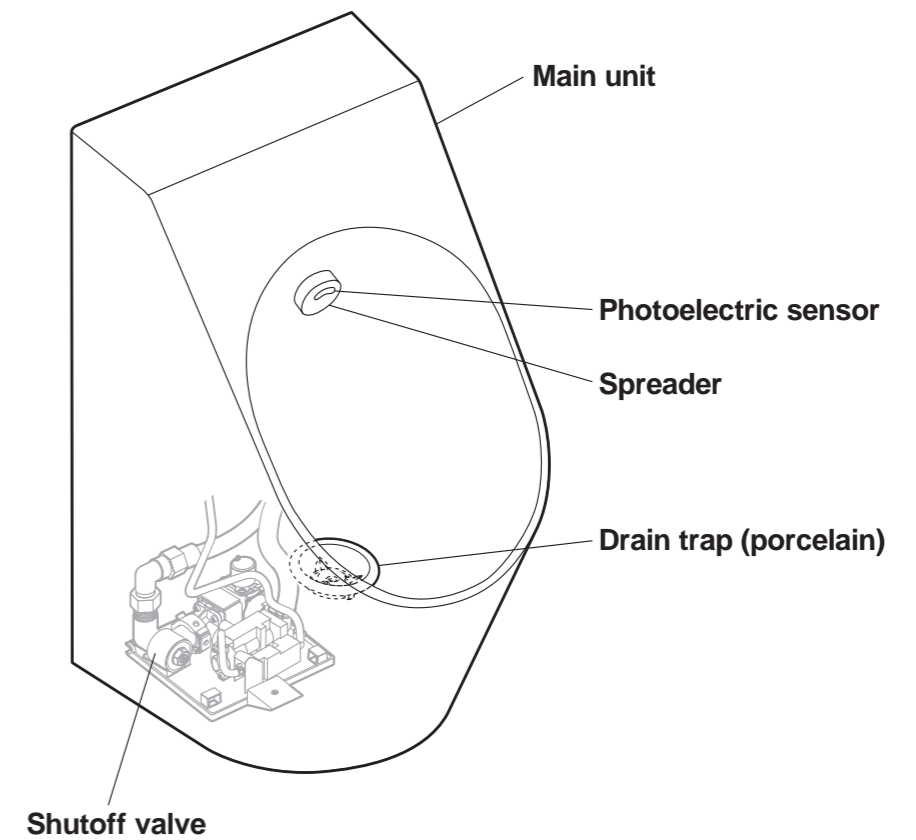
**CAUTION**

 <b>Prohibited</b>	<p><b>Do not apply strong force or impacts to the urinal</b></p> <p>Doing so may damage the urinal and cause an injury, or cause damage to property due to water leaking onto household belongings, etc.</p>
	<p><b>If the urinal is cracked or broken, never touch the damaged parts or use the urinal</b></p> <p>Doing so may cause an injury from the damaged parts. Replace at an early opportunity.</p>
	<p><b>Do not pour hot water into the urinal</b></p> <p>Doing so may damage the urinal and cause an injury, or cause damage to property due to water leaking onto household belongings, etc.</p>
	<p><b>Do not place objects inside the bowl</b></p> <p>Doing so may block the drainage channels and cause flushed water to overflow from the urinal, resulting in damage to property due to water leaking onto household belongings, etc.</p>
 <b>Required</b>	<p><b>Wipe any urine, condensation, detergent, water, etc. that has gotten on the floor with a well-wrung mop or cloth</b></p> <p>Leaving such substances on the floor may cause staining or corrosion.</p>
	<p><b>Wipe off any condensation from the surface of the urinal or other parts with a dry cloth</b></p> <p>Failure to do so may cause staining or corrosion of the floor.            * Ventilating the toilet with a fan or by opening a window, etc. makes it difficult for condensation to form.</p>
	<p><b>If the urinal is clogged, be sure to close the shutoff valve before unclogging the urinal with a commercially available tool that is made for unclogging toilets</b></p> <p>If water is flushed while the urinal is clogged, waste water may overflow and cause damage to property due to water leaking onto household belongings, etc.</p>

# Part Names

## Auto Flush Wall Mounted Urinal (Compact)

USWN925AE, USWN925AEP, USWN925AS, USWN925ASP, USWN925A

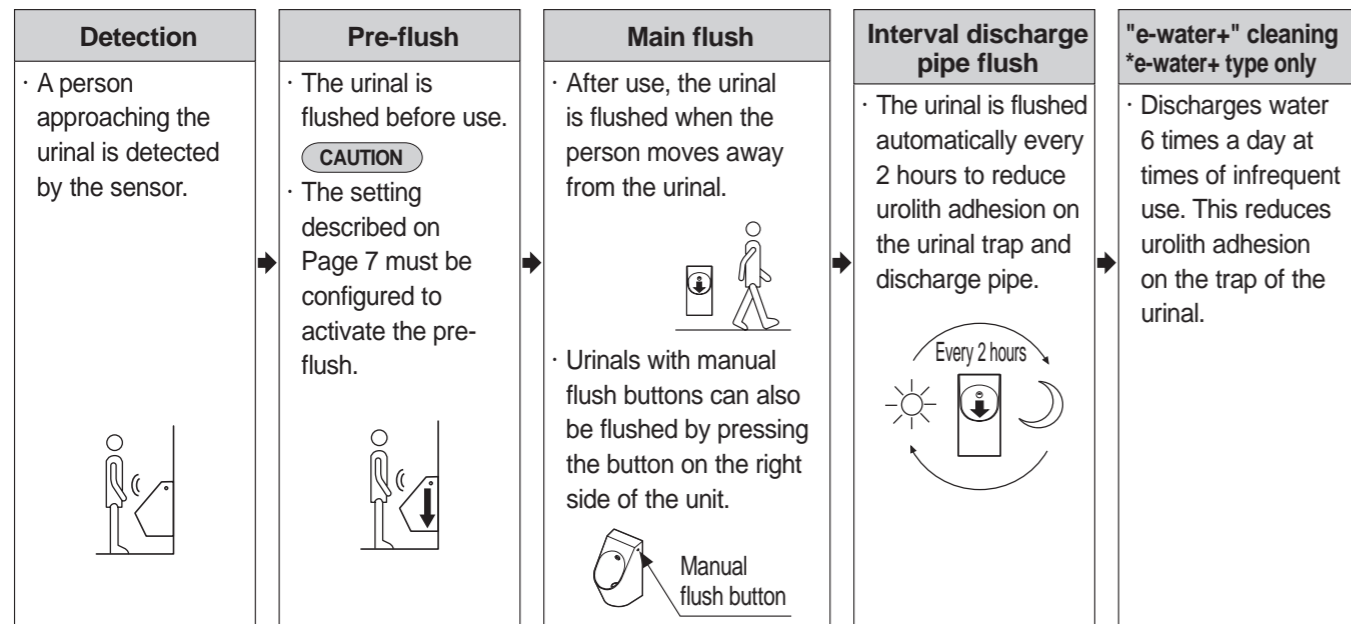


**CAUTION**

Use only the drain trap that came packaged with this product. If another drain trap is used, the flushing performance may drop and impair hygiene.

# Operation System

Automatic flushing for this product operates as shown below.



This product has the following automatic flushing functions.

### <Interval discharge pipe flush>

In addition to flushing after every use, discharge pipe flushing is performed every 2 hours. Performing discharge pipe flushing over several flushes and efficiently flushing reduces urine accumulation and urolith adhesion inside the discharge pipe.

### <"e-water+" cleaning> \* e-water+ type only

Time periods when the urinal is not used for a long time, such as at night, are judged automatically and the trap is filled periodically with "e-water+". Because the occurrence of dirt inside the trap is reduced, the flush volume after use can be reduced.

\* "e-water+" is water created by electrolyzing chloride ions contained in tap water, and includes sanitizing components (hypochlorous acid).

**CAUTION** The above effects cannot be obtained while the power supply is off.

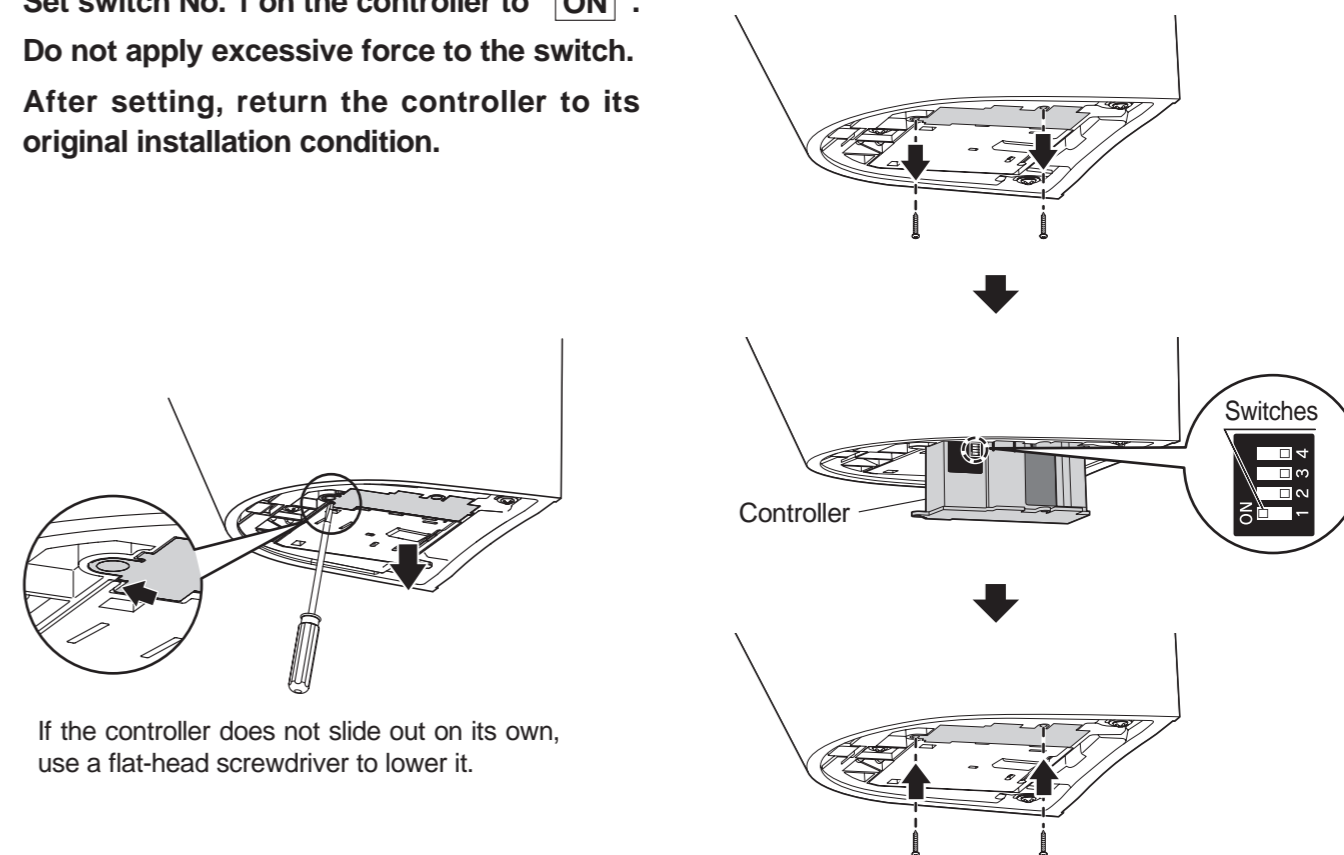
\* In the AC or e-water+ types, water is flushed when the power supply recovers after a power outage. This is normal.

# Pre-flush Setting

\* When the product is shipped, pre-flush is set to "OFF". Change the setting as required.

## Pre-flush setting method

Set switch No. 1 on the controller to "ON".  
Do not apply excessive force to the switch.  
After setting, return the controller to its original installation condition.

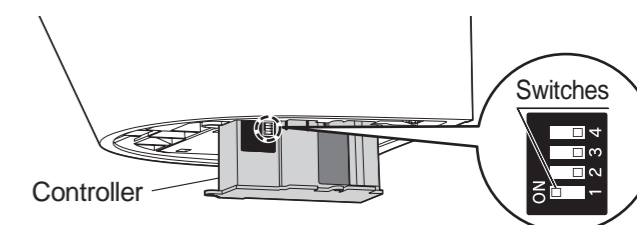


If the controller does not slide out on its own, use a flat-head screwdriver to lower it.

## Switches and settings

Switch No.	Setting	OFF (initial state)	ON	Approx. change in water volume used when OFF→ON
1	Pre-flush	No	Yes	+0.3 L/flush
2	Interval discharge pipe flush	Yes	No	-24 L/day

\* When interval discharge pipe flush is set to off (switch No. 2 set to "ON"), the effect of reducing urolith adhesion is no longer obtained.



Although the Auto Flush Wall Mounted Urinal (Compact) is effective in reducing urolith adhesion, it does not remove urolith that has already adhered. (The frequency of periodic flushing is reduced, but does not become unnecessary.)  
Interval discharge pipe flushing is performed automatically every 2 hours.  
Keep the power supplied 24-hours a day.

# Routine Maintenance

Maintenance keeps the toilet clean and extends its service life. Please perform thorough and routine maintenance. Note that although CeFiONtect parts have dirt prevention properties, routine maintenance is still important to keep their surfaces clean.

## [Cleaning the porcelain main unit/drain trap]

● Wear rubber gloves when removing and cleaning the drain trap.

### About the cleaning detergent

Any commercially available household detergents can be used, regardless of whether they are acidic, neutral or alkaline.

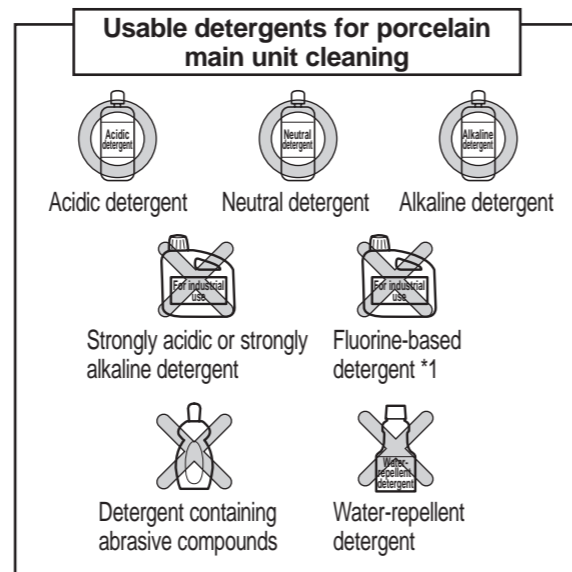
However, do not use detergents that repel water.

Using these could cover the porcelain surface, causing some parts not be cleaned.

Also, do not use detergents containing abrasive compounds, industrial strongly acidic or strongly alkaline detergents, or fluorine-based detergents\*1, because they may damage or permeate the porcelain surface.

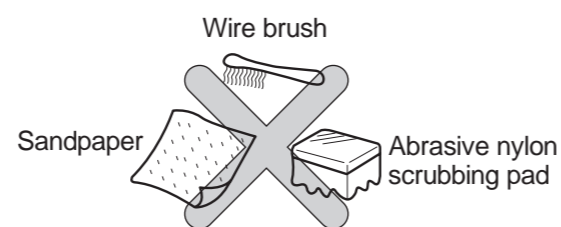
\* Rinse thoroughly so that no detergent remains.

\* 1 Including hydrogen fluoride and ammonium fluoride



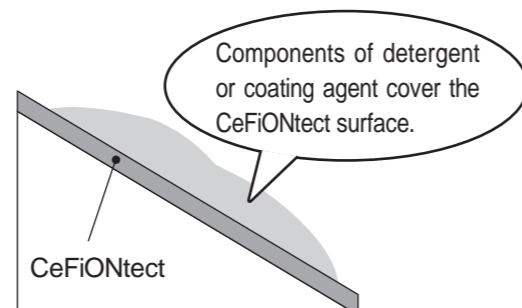
### About the cleaning tools

Do not use tools such as wire brushes, abrasive nylon scrubbing pads or sandpaper, because they will damage the surface.



### About CeFiONtect

CeFiONtect is TOTO independently developed technology where bumps on the porcelain surface are smoothed at the nano level of 1 million of 1 mm, making dirt difficult to adhere and easy to remove.



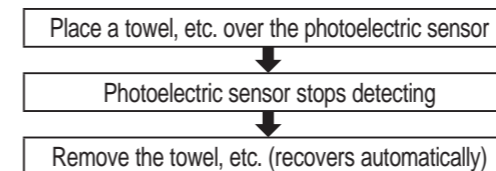
### About surface coating agents

Do not use any water repellent, stain-proofing detergent or surface coating agent.

These products do not damage the porcelain surface, but their components may cover the porcelain surface and reduce the effect of the built-in stain prevention technology.

## Advice for cleaning the inside bowl surface

When cleaning the inside bowl surface, use a towel, etc. to stop flushing water.



⚠ WARNING	
	<b>Do not wash the entire product with water</b> Doing so may cause a malfunction or current leak.
	<b>Handle with care, because this is an electric appliance</b> Failure to do so may cause an electrical shock.

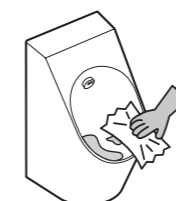
## Cleaning the urinal

### For light dirt

Wash with water using a cleaning brush or sponge.

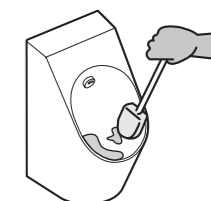
### For scale or heavy dirt

1 Wipe off moisture from the dirty part.

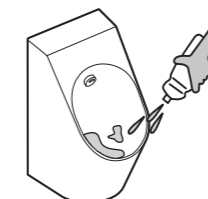


3 Scrub using a cleaning brush or sponge.

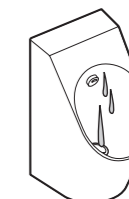
If the dirt is difficult to remove, use a tool such as a small stick to scrape it away.



2 Apply toilet cleaner directly on the dirt.



4 As the final step, wash with water.



## Cleaning the spreader (main unit)

### For light dirt

Wipe off the dirt with a soft cloth that has been soaked in cold or lukewarm water and wrung-out thoroughly.

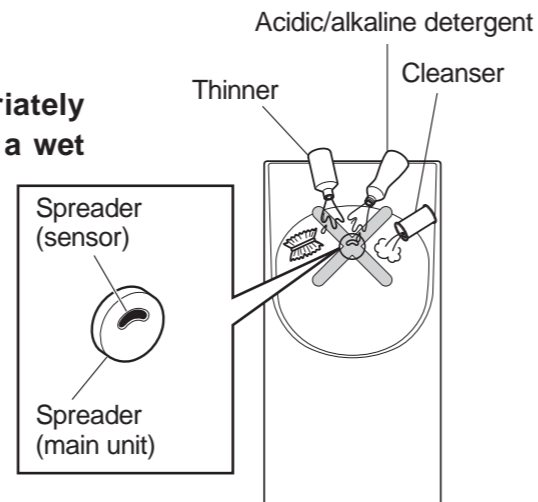
### For heavy dirt

Wipe off the dirt with a soft cloth soaked in appropriately diluted neutral dishwashing detergent, then wipe with a wet cloth and then a dry cloth.

### Attention!

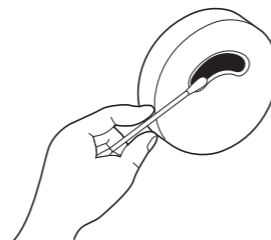
Do not use items that may damage the surface.

- Acidic detergents, chlorine bleach, alkaline detergents
- Solvents such as thinners or benzene
- Detergents containing coarse particles such as cleansers or scouring powders
- Nylon pads, scouring pads, brushes, etc.



## Cleaning the spreader (sensor)

Wipe off the dirt with a cotton bud that has been soaked in cold or lukewarm water. If the dirt is heavy, wipe off the dirt with a cotton bud soaked in appropriately diluted neutral detergent, then wipe with a wet cloth.



\* When cleaning, be careful not to damage the sensor surface.

## Cleaning the floor

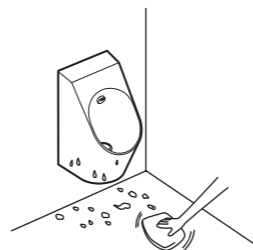
### CAUTION



Required

Wipe any urine, condensation, detergent, water, etc. that has gotten on the floor with a well-wrung mop or cloth

Leaving such substances on the floor may cause staining or corrosion.



● Wipe any urine that splashes out from the urinal or condensation that drops from the apparatus onto the floor with a well-wrung mop or cloth.

● Wipe any detergent or water that has gotten on the floor during cleaning with a well-wrung mop or cloth.

# Periodic Inspection

As the product deteriorates with use over a long time (deterioration with time), safety issues may occur. To prevent serious accidents due to deterioration with time, and to enable you to use the product safely and comfortably for a longer period of time, please perform the following inspections yourself at least once a year.

### Urinal

- Are there cracks or defects?
- Is there rattling or looseness?

### Hose

- Is there crushing or bending?
- Is water leaking? (When flushing)

### Between urinal and wall

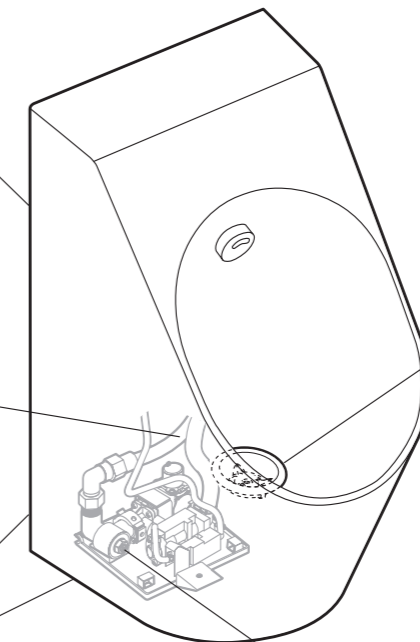
- Is water leaking?

### Shutoff valve

- Is water leaking?

### Drain trap

- Are there cracks or defects?



Inspection location	Inspection date (year/month/day)			Inspection location	Inspection date (year/month/day)		
Urinal	/	/	/	Between urinal and wall	/	/	/
Drain trap	/	/	/	Shutoff valve	/	/	/
Hose	/	/	/				

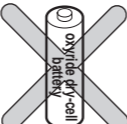
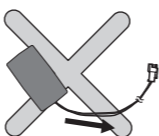
# Replacing the Battery (Alkaline Battery Type)

## Preliminary notes on replacing the battery

If the battery inside the battery box is drained, the unit will flash in 2-second cycles. When it switches to 4-second cycles, the flushing function will stop.



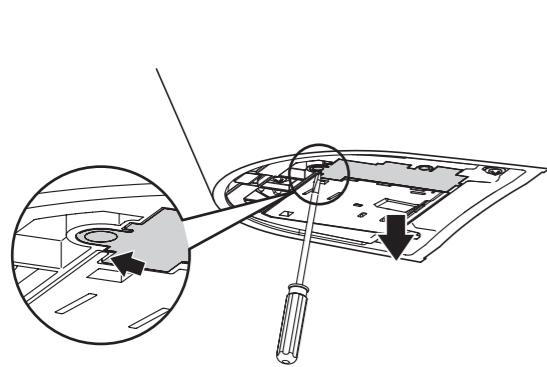
## Battery replacement method

⚠ WARNING	
 Prohibited	<b>Use only alkaline batteries</b> Using an oxyride dry-cell battery or the like may cause fire or malfunctions. 
	<b>Do not pull the battery box electric wires</b> Doing so may disconnect the wires or terminals, or cause a malfunction or electrical shock. 

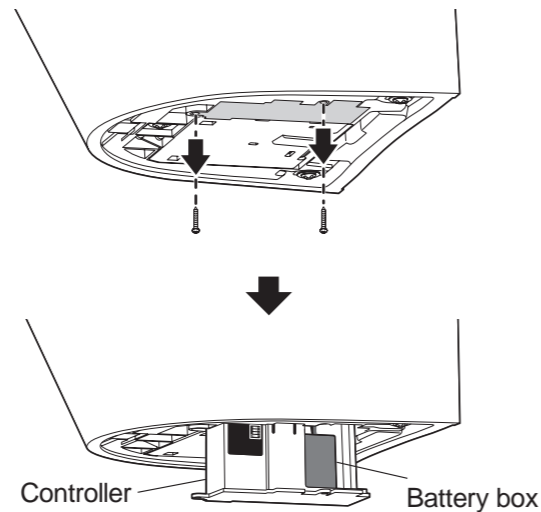
Because the flushing function stops as soon as the photoelectric sensor starts flashing in 4-second cycles, refer to the following instructions and replace the battery immediately.

When the photoelectric sensor starts flashing in 2-second cycles, replace the battery quickly with the following procedure.

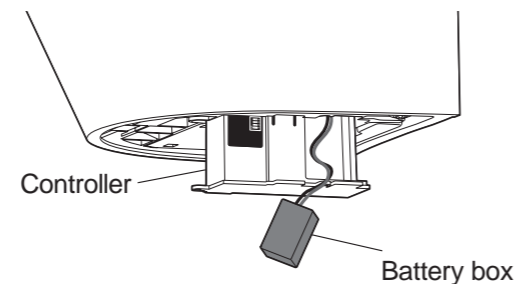
- 1 Remove the screws, then lower the controller down.



If the controller does not slide out on its own, use a flat-head screwdriver to lower it.

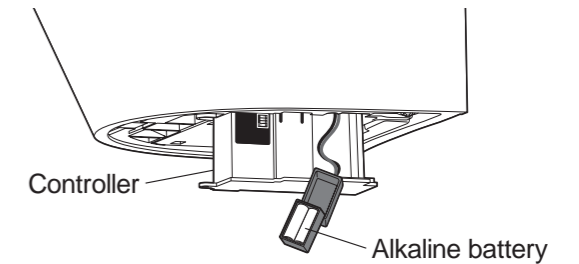


- 2 Remove the battery box, then remove the waterproof cover.

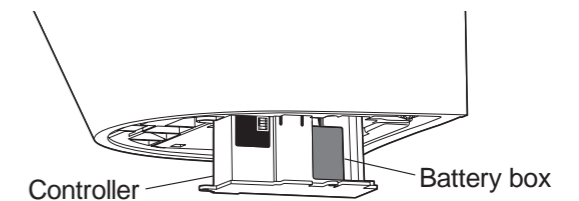


## Battery replacement method (continued)

- 3 Remove the spent alkaline battery, replace the battery, then attach the waterproof cover.



- 4 Place the battery box inside the controller.



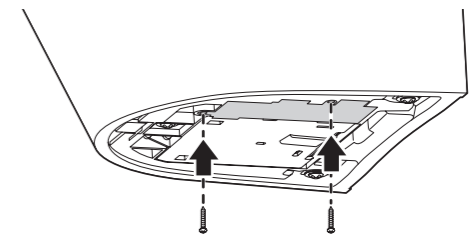
- 5 Return the controller to its original location, then tighten the screws.

**[When the replacement indicator (4-second cycles) is flashing]**

Can be used within several seconds of connecting a battery.

**[When the replacement indicator (4-second cycles) is not flashing]**

- Cannot be used for 5 minutes after connecting the battery.
- For 10 minutes after 5 minutes have passed after connecting a battery, the lamp flashes during photoelectric sensor detection to enable the detection status to be confirmed. After this, the LED does not flash even during detection.



# Troubleshooting

If you think there may be a malfunction, first check that there is no power outage or water failure. If these are normal, remove the upper lid and then perform an inspection according to the following inspection items. Check "Part Names" (Page 5) for the part locations. If the malfunction persists even after performing the inspection according to the inspection items or you suspect something abnormal, close the open/close screw of the shutoff valve and then contact the installer or seller.

Before requesting repair(check Page 5 for the part names)

Symptom	Condition	Solution	Ref. Page
Floor is wet	Condensation formed on the urinal has dripped onto the floor.	Wipe the condensation with a dry cloth and ventilate the toilet.	P.10
	Urine splashed from the urinal has dripped onto the floor.	Wipe the splashed urine thoroughly with a mop or cloth.	P.10
Water is not flushed	Dirt is clogging the water filter.	Clean the water filter.	P.17
	The shutoff valve is not open.	Open the shutoff valve.	P.15 to P.16
	The detection LED does not light up during use.	AC and e-water+ types: Check that power is being supplied.	P.15 to P.16
	The detection LED is flashing (Flashes in 4-second cycles)	Alkaline battery type: Replace the battery.	P.12
Flushed water does not stop	-	Close the shutoff valve and contact your installer or seller.	P.16
Flushed water volume is low	Dirt is clogging the water filter	Clean the water filter.	P.17
	The shutoff valve is only slightly open.	Open the shutoff valve.	P.15 to P.16
Water flushes on its own	Flushes even though the urinal is not being used.	Automatic flushing functions is being performed.	P.18
Detection LED lights up or flashes	The detection LED lights up during use.	AC and e-water+ types: Designed to light up, so nothing needs to be done.	P.17
	The detection LED flashes during use.	Designed to flash while automatic flushing functions is being performed, so nothing needs to be done.	P.17
		Alkaline battery type: Replace the battery. * For 10 minutes after replacing the battery, the detection LED flashes during photoelectric sensor detection to enable the detection status to be confirmed.	P.12
There is residue on the bowl surface	Water is repelled from the bowl surface and it is difficult for it to get wet.	Refer to "Routine Maintenance" and clean the bowl surface.	P.8

## Water is not flushed (AC and e-water+ types)

**WARNING**

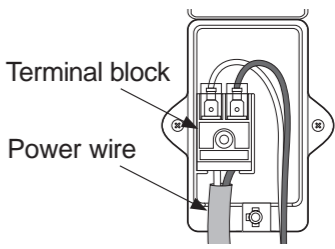
**Do not touch**

**Never touch the power terminal with your hands while power is being supplied**

Doing so may cause an electrical shock.

**Power wire connecting and disconnecting procedure**

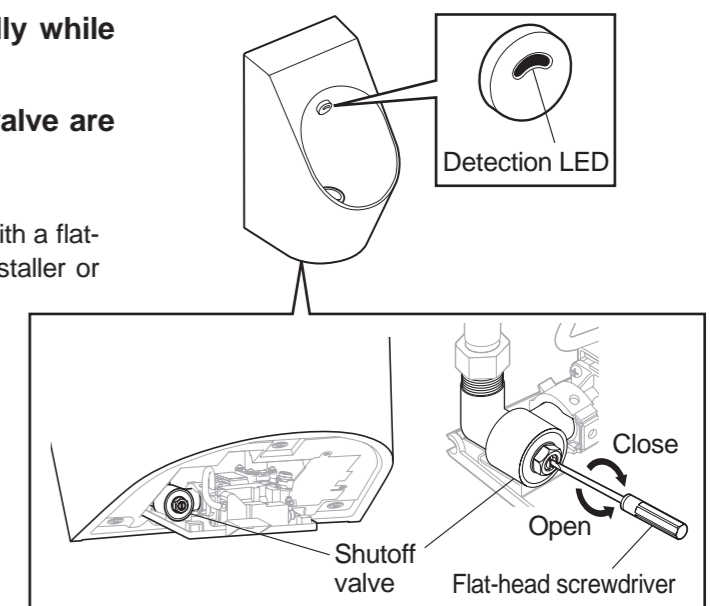
A qualified electrician should perform connection and disconnection of the power wire onto the terminal block.



Terminal block  
Power wire

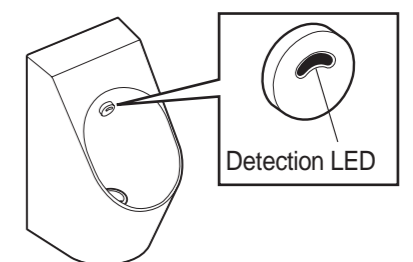
- When the detection LED lights up normally while the urinal is being used  
Check that the master valve and shutoff valve are open.

\* If water is still not flushed, close the shutoff valve with a flat-head screwdriver, and request repair from your installer or seller.



- If the detection LED lights up while the urinal is not being used, remove any objects nearby.

\* If water is still not flushed, close the shutoff valve with a flat-head screwdriver, and request repair from your installer or seller.





## Water is not flushed (AC and e-water+ types) (continued)

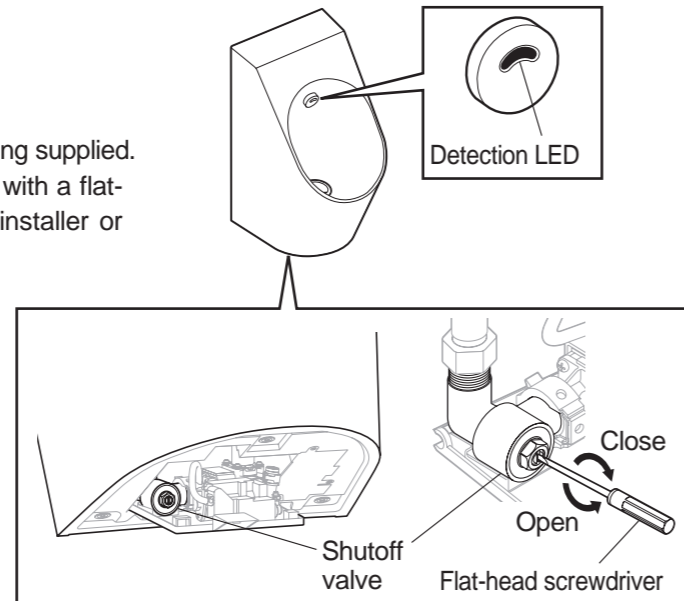
### ● When the detection LED does not light up while the urinal is being used

- 1 Hold your hand over the detection LED.



- 2 Check the power supply to confirm that power is being supplied.

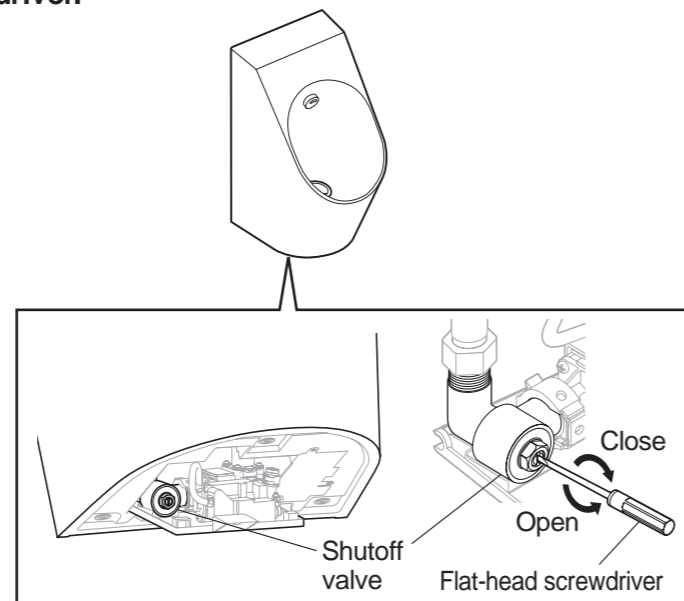
\* If water is still not flushed, close the shutoff valve with a flat-head screwdriver, and request repair from your installer or seller.



## Water does not stop

### Close the shutoff valve with a flat-head screwdriver.

\* Request repair from your installer or seller.

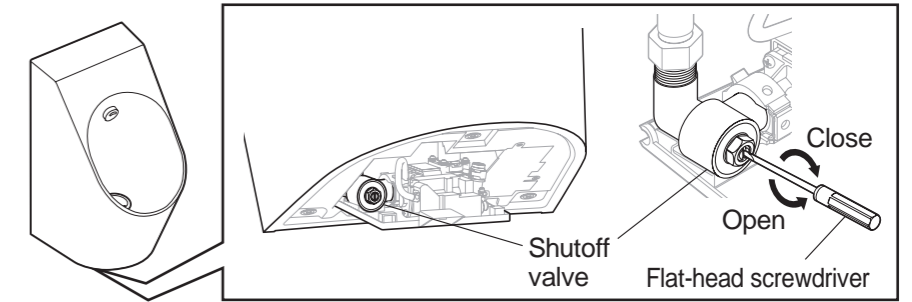


## Flushed water volume is low

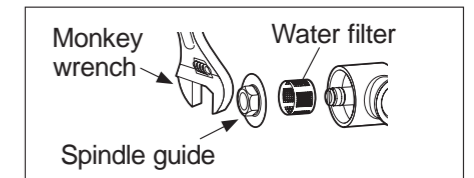
### CAUTION

Use the product with the shutoff valve fully open. If the shutoff valve is partially closed, the flushing performance may drop and impair hygiene.

- 1 Close the shutoff valve with a flat-head screwdriver.



- 2 Remove the spindle guide with a monkey wrench and then remove the water filter.



- 3 Remove clogged dirt from the mesh of the water filter with a brush, etc.



\* If the water volume is still not appropriate, request repair from your installer or seller.

## Detection LED lights up or flashes

In the AC type, alkaline battery type and e-water+ types, the sensor detection LED may light up or flash. When the LED lights up or flashes, it means the following.

<Indicating the urinal is being used>

- AC type: Lights up
- Alkaline battery type: Does not light up

<Indicating interval discharge pipe flush is operating>

- AC type: Flashes
- Alkaline battery type: Flashes

<Indicating "e-water+" cleaning is operating>

- e-water+ type: Flashes

<Indicating part replacement for "e-water+">

- e-water+ type: Flashes quickly

\* If you see quick flashing, contact your installer or seller.

The water volume may be increased temporarily to reduce dirt adhesion on the trap.

<Indicating battery is discharged>

- Alkaline battery type: Flashes (in 2-second cycles)

<Indicating the power supply is turned on (10 minutes only)>

- AC and e-water+ types: Lights up
- Alkaline battery type: Flashes

\* For 10 minutes after replacing the battery, the detection LED flashes during photoelectric sensor detection to enable the detection status to be confirmed.

After this, the detection LED does not flash even during detection.

## Water flushes on its own

This product has the following automatic flushing functions.

<Interval discharge pipe flush>

In addition to flushing after every use, discharge pipe flushing is performed every 2 hours. Discharge pipe flushing is performed efficiently using 2 flushes, reducing urine accumulation and urolith adhesion inside the discharge pipe.

<"e-water+" cleaning> \* e-water+ type only

Time periods when the urinal is not used for a long time, such as at night, are judged automatically and the trap is filled periodically with "e-water+". Because the occurrence of dirt inside the trap is reduced, the flush volume after use can be reduced.

\* "e-water+" is water created by electrolyzing chloride ions contained in tap water, and includes sanitizing components (hypochlorous acid).

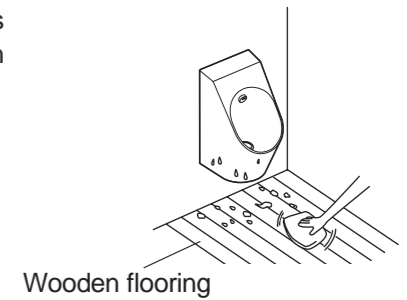
**CAUTION** The above effects cannot be obtained while the power supply is off.

\* If the frequency of the water flushing on its own does not match the cases described above, contact your installer or seller.

# Urinal FAQ

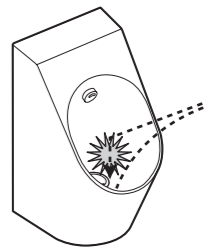
## What causes black stains around the urinal?

When urinating, urine may splash out depending on where the urine makes contact inside the urinal. Particularly on wooden flooring, if the urine is left on the floor, the ammonium in urine may cause black stains.



## Can splashing out of urine be avoided when using the urinal?

Whether urine splashes out when using the urinal depends on where the urine makes contact. Most people tend to aim for the drain trap at the bottom, but it is better to make contact with the urinal wall directly in front. The urine then flows down the urinal wall.



## What causes black and pink dirt inside the urinal?

Areas such as the urinal bowl and around the discharge hole may discolor and turn black, or pink dirt may adhere. This is due to mold spores or bacteria floating in the air breeding by using the dirt adhered to the urinal as a nutrient source. When dirty, scrub using a toilet brush, etc. with a neutral toilet detergent.

# Specifications

Type	Wall-mounted		
	AC	e-water+	Alkaline battery
Part No.	USWN925AE USWN925AEP	USWN925AS USWN925ASP	USWN925A
Dimensions	W 306 mm × D 400 mm × H 590 mm		
Power supply	AC220-240 V 50 Hz / 60 Hz		Battery type
Power consumption and battery life	0.5 W or less	0.5 W or less e-water+ 24 W during discharge	4,000 times/month About 2 years
Operating ambient temperature range	0~40°C		
Detection distance	Automatically adjusted to 650 mm or less * Installation not possible if a wall is within 650 mm of the sensor		
Required detection time	About 5 seconds or longer (not detected when less than 5 seconds)		
Water supply pressure	Minimum required water pressure (dynamic): 0.07 MPa Maximum water pressure (static): 0.75 MPa		
Standard flush volume	During use 0.5 L		
Pre-flush function	Can be set to "OFF" (setting at shipment) or "0.3 L/flush"		
Interval discharge pipe flush	2 L every 2 hours * Automatically adjusted according to usage * Except USWN925AEP/ASP		
e-water+	No	0.5 L each time * 6 times/day	No
Water supply connection	15A (connection screw PJ1/2)		
Used water	Tap water · Recycled water <sup>*1</sup>		

\*1 When using recycled water, there may be cases where e-water+ will have no effect.