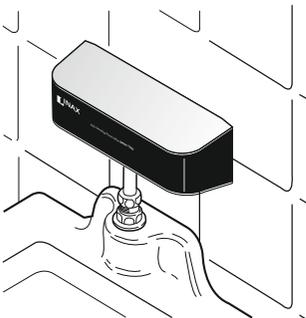




For Precious Life

Electronic Sensing Urinal Flush Valve OKUV-120S



Owner's Manual and Installation

- Thank you for purchasing the our product
- Read this guide to use the product correctly.

Contents

- 1 .Features
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- 4 .Cautions for Installation
- 5 .How to Install
- 6 .Operation Test
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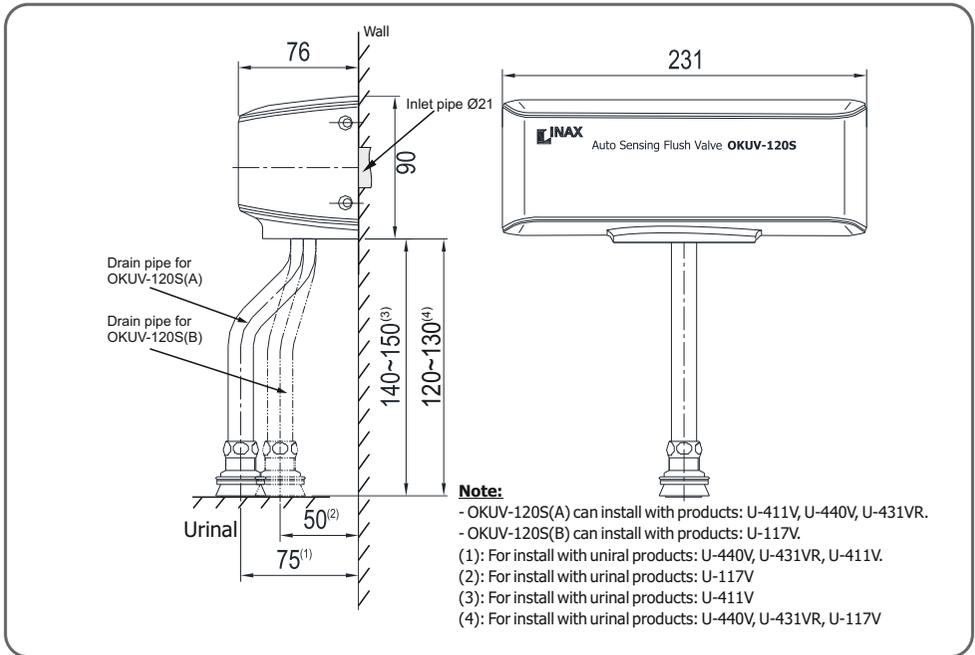
- The installer should return this guide to the owner after installing the product .The owner should keep this guide in the convenient place to manage the product.

1.Features

This product uses infrared technology to sense a person in front of the urinal and flushes the urinal automatically.

- 1 .Automatic flushing makes it unnecessary to touch the flush valve for hygiene.
- 2 .Optimized flushing saves water.
- 3 .The stylish design creates a pleasant look in the restroom.
- 4 .The product can be installed in the existing urinal.
- 5 .Batteries are used to make wiring unnecessary.

2.Specifications



Classification	Battery-1.5Vx4xAA
Model	OKUV-120S(A/B)
Dimension	231mm (L) x 76mm (W) x 90mm (H)
Voltage	DC 6V
Power Consumption	Standby :0.06W ;Operating :2.4W
Sensing Range	250mm ~ 1000mm
Ambient Temperature	0 ~ 40°C
Water Pressure	0.75~7.0 kgf/cm ²

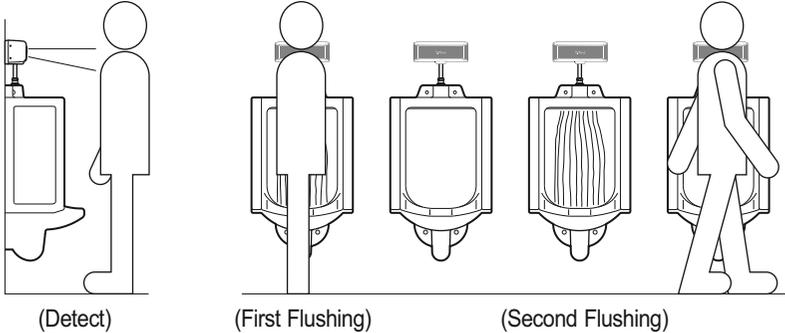
3 .How It Works

1 One-time Flushing

When a user stands in front of the urinal ,the sensor detects him and flushes the urinal after the user leaves the urinal.

2 Two-time Flushing

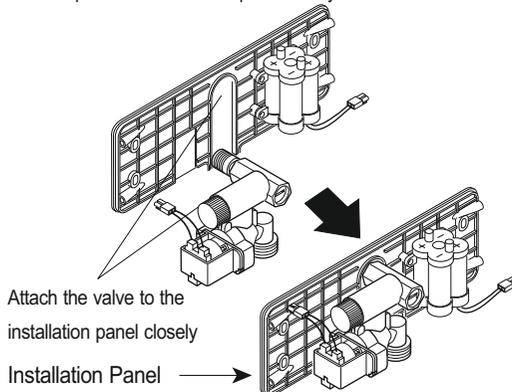
Two to six seconds after a user stands in front of the urinal ,the urinal is flushed once ,and then flushed again when the user leaves the urinal.



Only for two-time flushing models

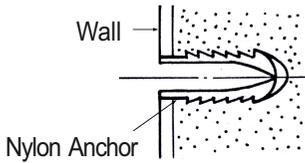
4 .Cautions for Installation

- (1) Clean the pipe before connecting the valve to it .Leave the flow screw open.
- (2) Install the valve in such a way that its water outlet is facing downward.
- (3) Attach the valve to the round part of the installation panel closely.

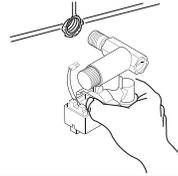


5 .How to Install

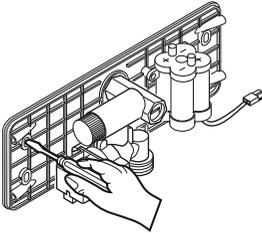
- (1) Referring to the size of the hole in the installation panel, make a 30mm-deep hole with a concrete drill ($\Phi 6\text{mm}$), and then insert the nylon anchor.



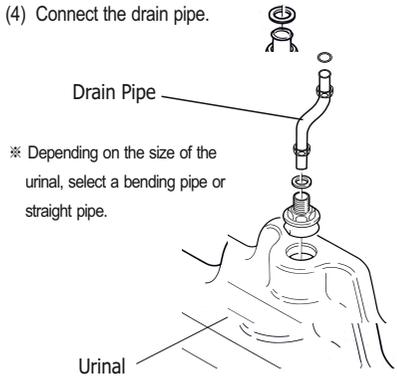
- (2) Purge the pipe to remove foreign substances, and then connect the valve to the water supplying pipe perpendicularly.



- (3) Level the installation panel, and fix it with screws.

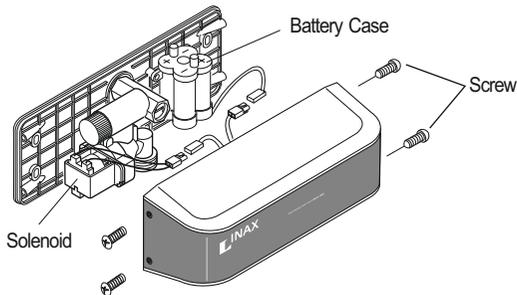


- (4) Connect the drain pipe.



- (5) After installation, connect the connector as shown below.

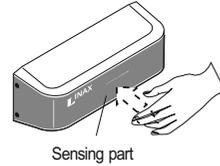
- (6) Use four screws to fix the cover to the installation panel.



※ To install the product in the existing urinal, remove the old flush valve first, and then follow the installation steps.

6 .Operation Test

- (1) After installation ,check if there is any defect .When there is no defect, place an object (hand or white paper) in front of the sensor to see if the product operates correctly. If adjustment is needed, refer to the maintenance section of this guide.

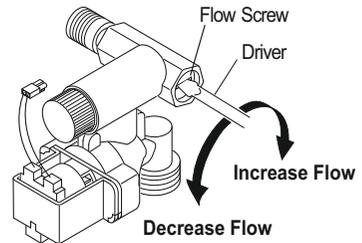


- (2) When an object is sensed ,the sensor lamp is on .
(For the battery-powered model, the sensor lamp is turned on, and then turned off after two seconds.) Two to six seconds after an object is sensed, if it is removed, the urinal is flushed automatically and the sensor lamp is turned off.(One-time flushing model)
Two to six seconds after an object is sensed, the urinal is flushed (first flushing). When the object is removed, the urinal is flushed again, and the sensor lamp is turned off (second flushing).
(Two-time flushing model)



- (3) Flow Control

Flow depends on water pressure. If there is too much flow, use a flat-head driver to turn the flow screw on the valve to the right, and if there is too little flow, turn the flow screw to the left.



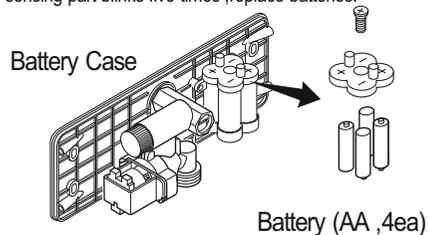
7 .How to Replace Batteries

- (1) Replacement Timing :When the red lamp at the center of the sensing part blinks five times ,replace batteries.

Sensing part



- (2) As shown in the figure ,release one countersunk screw to replace batteries. Be careful of battery polarity.

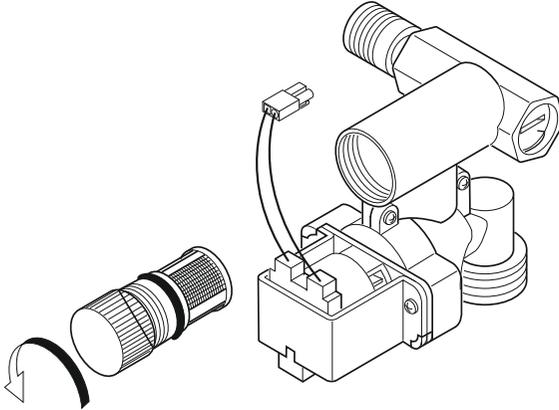


※ Accompanying batteries are for testing. So their life cannot be guaranteed.

8 .Maintenance

If a problem occurs ,check the product according to the following .If the problem is not resolved ,contact our service center or dealer where you bought the product.

- (1) Referring to " 5 .How to Install ,"remove the cover.
- (2) Turn the strainer counterclockwise to remove it.
- (3) Remove foreign substances in the strainer.



9 .Cautions for Use

- 1 .Do not spray water directly onto the product) .For the battery-powered model, it can reduce battery life.
- 2 .Do not apply strong force to the product .It can cause a problem .
- 3 .If you can hear water drop or hiss sound ,water is leaking .Close the flow valve immediately ,and then contact the service center. Damage caused by leaving the leakage for a long time will not be covered.
- 4 .Keep the heat source away from the product.
- 5 .To keep the product clean ,use the neutral detergent to wipe the product once or twice per month .
Do not use benzene, thinner or hydrochloric detergent as it damages the product surface.

	Symptom	Cause	Troubleshooting
Sensing Function	No sensing	<ul style="list-style-type: none"> † The connecting line is disconnected. † Improper wiring † The sensing surface is covered with foreign substances. † Batteries are dead. (Only for battery-powered models) 	<ul style="list-style-type: none"> † Check if the line is disconnected. † Check the wiring connection. † If the sensor lamp blinks five times when an object is sensed, replace batteries (Only for battery-powered models).
	The lamp is turned on while the product is not in use.	<ul style="list-style-type: none"> † Reflected light † There is an object within the sensing range † Long sensing range 	<ul style="list-style-type: none"> † Remove the object that can reflect light. † Adjust the sensing range.
Special Function	No flushing	<ul style="list-style-type: none"> † Water is not supplied. † The flow screw is closed. † Improper wiring (Solenoid valve line) 	<ul style="list-style-type: none"> † Check if water is supplied. † Open the flow screw. † Check the wiring connection. (Solenoid valve line)
	Flushing does not stop.	<ul style="list-style-type: none"> † Foreign substance in the diaphragm. 	<ul style="list-style-type: none"> † Remove foreign substances from the diaphragm.
	Weak flushing	<ul style="list-style-type: none"> † The flow screw is not fully open. † Foreign substance in the strainer 	<ul style="list-style-type: none"> † Open the flow screw. † Clean the strainer.



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