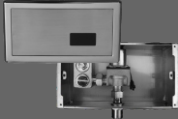
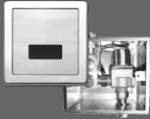


# **INSTALLATION INSTRUCTIONS**

## **for Wall Mounted Automatic Urinal Flusher**



**(Apply to HD601/HD603/HD604/HD605)**

## Technical Parameters of AC/DC Urinal Flusher

Model	AC 220V Power Supply	DC 6V Battery Powered
Power Supply	AC 220V 50/60Hz	DC6V (4 X AA Battery)
Solenoid Valve	DC4.5V Pulse	DC4.5VPulse
Power Consumption	3W (While Flushing)	About 2 Years (200times/day)
Static Consumption	≤0.5mW	
Working Water Pressure	0.03Mpa-0.7Mpa	
Ambient temperature	0.1-50°C	
Sensing Distance	35cm-70cm automatically adjusted (30X30CM White Board)	
	Factory Default Setting 70cm	
Diameter of inlet pipe	Dn15 (G1/2")	
Diameter of outlet pipe	Dn15 (G1/2")	

### Prior to installation

Before installing flusher, please open the box to check the packing list whether it includes all the items as the above. Please install them comply with our installation instruction, otherwise please contact dealer.

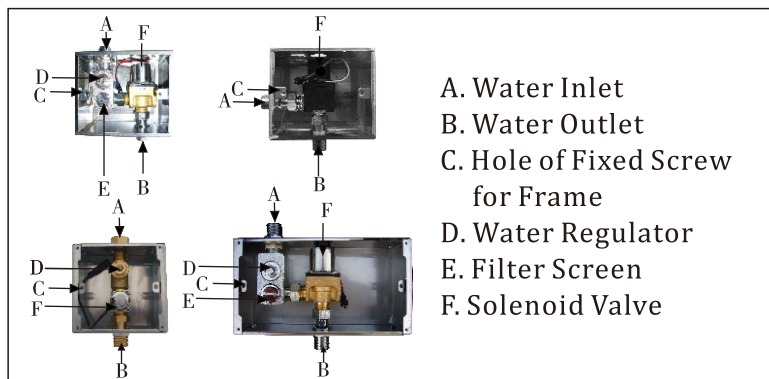
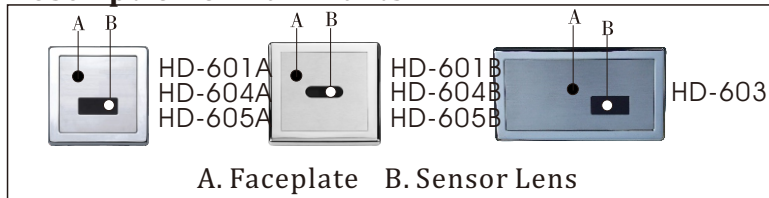
### Packing List

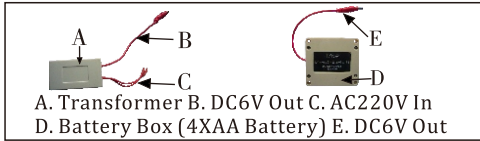
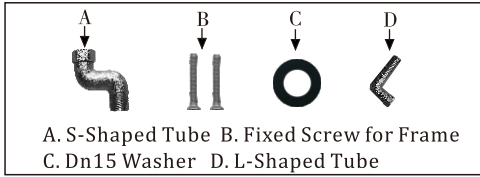
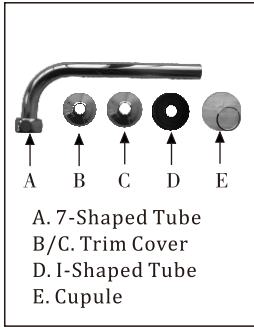
(For HD601/HD603)

No.	Description of Parts	QTY	Memo.
1	Solenoid valve module assembly for AC/DC powered model	1set	(Including solenoid enclosure, solenoid body, and AC/DC compartment)
2	Wall Mounted Box	1pc	
3	Protection Box	1pc	
4	S-Shaped Tube	2pcs	
5	Dn15 Water Outlet Connector	1pc	
6	7-Shaped Tube	1pc	
7	Trim Cover	2pcs	
8	I-Shaped Rubber Plug	1pc	
9	Battery Box (DC) or AC Transformer	1pc	(DC only battery box, AC only transformer, or AC/DC dual power supply each piece)
10	Installation Parts	1bag	(including DN15 connector 1pc, 4*30 Screw 2pcs, Cupule 1pc, Washer 4pcs, DN15 Nut 1pc, Dn15 Connector for inlet/outlet 1pc, Ladder-shaped Plug 1pc)
11	Installation Instuction	1copy	

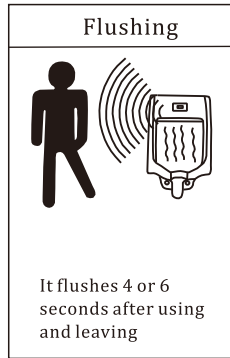
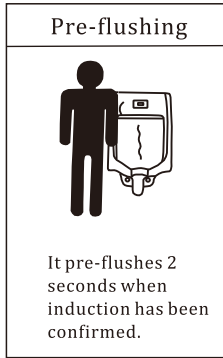
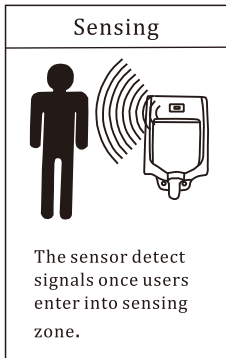
No.	Description of Parts	QTY	Memo.
1	Solenoid valve module assembly for AC/DC powered model	1set	(Including solenoid enclosure, solenoid body, and AC/DC compartment)
2	Wall Mounted Box	1pc	
3	Protection Box	1pc	
4	S-Shaped Tube	2pcs	
5	L-Shaped Tube	1pc	
6	Dn15 Water Outlet Connector	1pc	
7	7-Shaped Tube	1pc	
8	Trim Cover	2pcs	
9	I-Shaped Rubber Plug	1pc	
10	Battery Box (DC) or AC Transformer	1pc	(DC only battery box, AC only transformer, or AC/DC dual power supply each piece)
11	Installation Parts	1bag	(including DN15 connector 1pc, 4*30 Screw 2pcs, Cupule 1pc, Washer 4pcs, DN15 Nut 1pc, Dn15 Connector for inlet/outlet 1pc, Ladder-shaped Plug 1pc)
12	Installation Instruction	1copy	

## Description of Main Parts

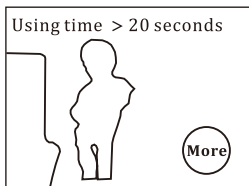
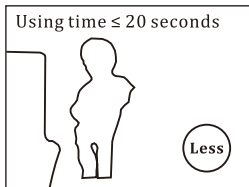




**(Figure 1: Main Parts)**



**(Figure 2: Using Guide)**

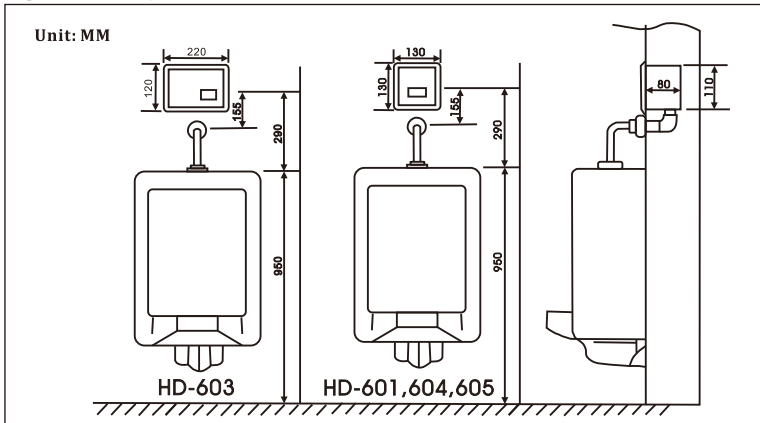


**Flushing Program:**

1. Activation: After detect reflective signal 3 seconds, the sensor will activate to start working.
2. Pre-flushing: It pre-flushes 2 seconds when induction has been confirmed.
3. Time of Flushing:
  - a. When sensing  $> 3$ seconds and  $< 20$ seconds, it flushes water 4seconds after using & leaving;
  - b. When sensing  $> 20$ seconds, flushing 6 seconds.

## Confirm Installation Place:

Note: When design and chose place of installation, please pay attention to Sensor Eye to avoid facing sunshine and strong light directly.



(Figure 3: Installation Place)

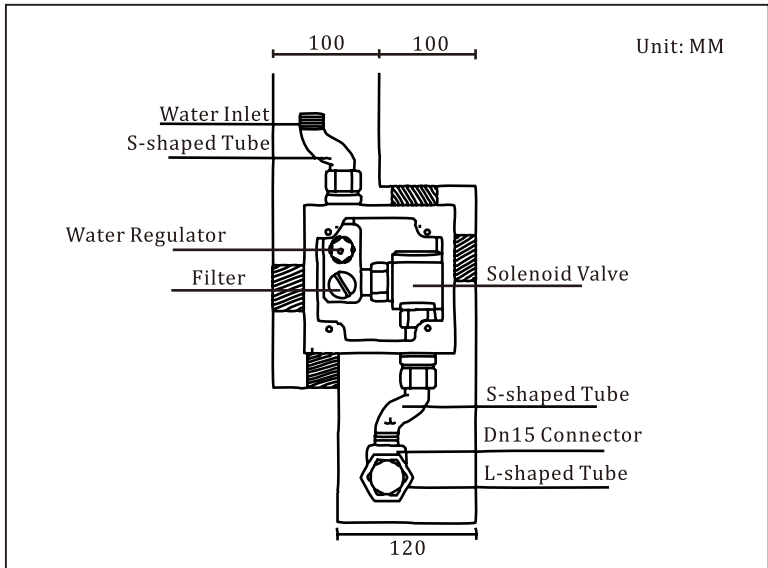
## Design requirements:

1. Please install control valve separately for supplied pipe of each urinal.
2. In order to flush normally, please design to supply water pressure according to technical parameter list above-mentioned.
3. Please confirm there are not any obstacles and any mirrors, stainless steel or other strong reflective objective before 100cm of sensor lens.
4. Please protect faceplate and sensor lens during installation, if it is dirty, please clean by soft cloth.

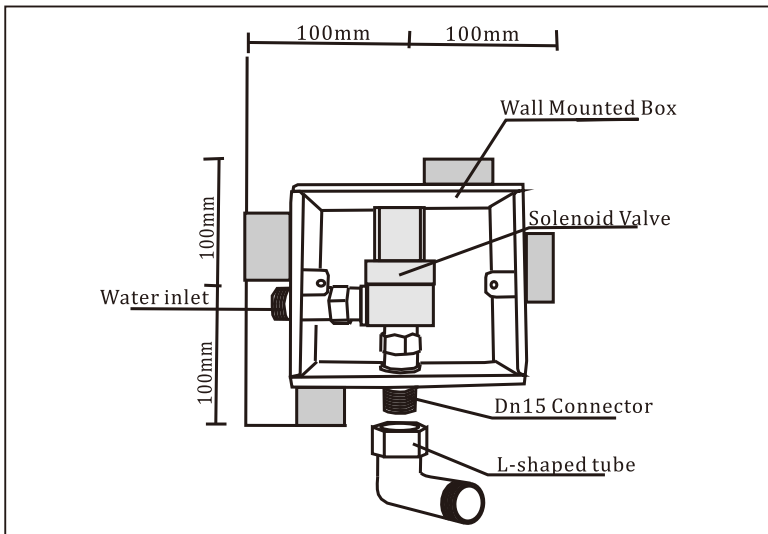
## Installation of Wall Mounted Box and Tubes:

Note: Please shut off valve of inlet tubes and power before installation. After installation this step, please test water pressure and confirm without leaking.

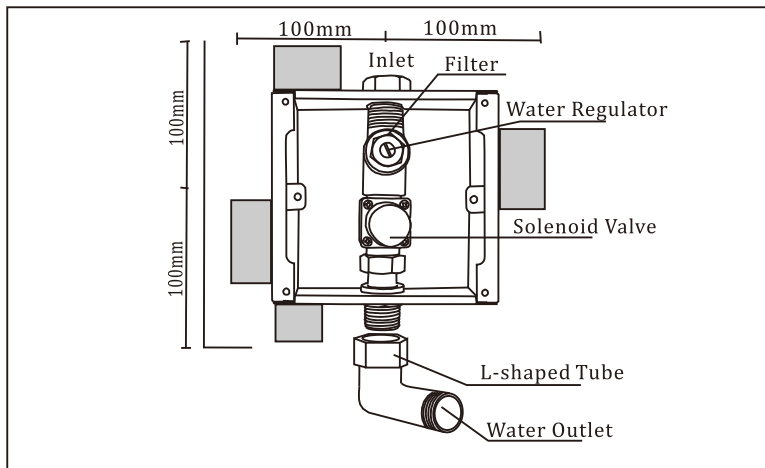
Please dig the wall strictly as per figure 3(HD601, HD603, HD604, HD605) and place wall mounted box with level, and connect inlet pipe.



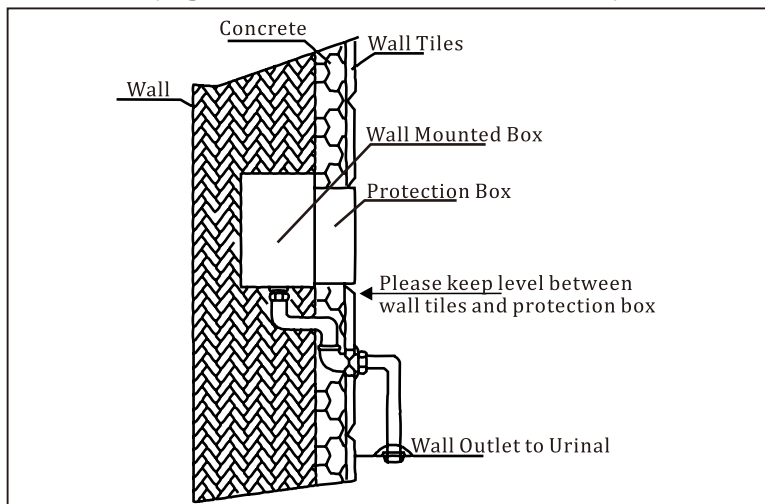
**(Figure 4: Wall Mounted Box HD601)**



**(Figure 5: Wall Mounted Box HD604)**



**(Figure 6: Wall Mounted Box HD605)**



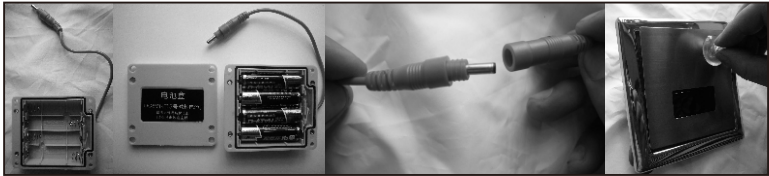
**(Figure 7: Protection Box & Water Outlet Tube)**

### **Installation Battery Box:**

1. Please open cover of battery box.
2. Install 4 AA alkaline batteries.
3. When placing battery, please don't put any objective before

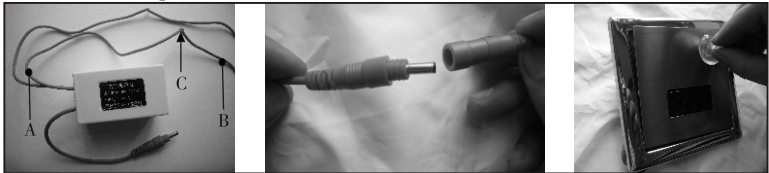
sensor lens in order to avoid errors of self-adjustable of sensor distance.

4. Indication of weak power, the LED will flash one time per 4 seconds without sensing; flash 3 times per 1 second under sensing.



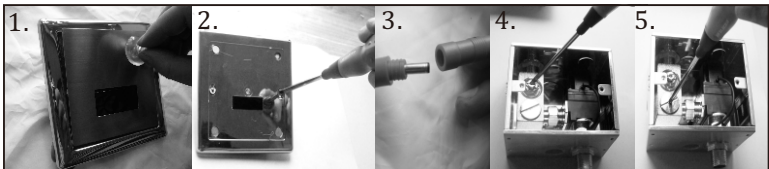
### Installation AC Adapter:

1. Please shut off electric and strip off wire of AC power supply.
2. Connect "A" (wire of AC Adapter) and "B" (wire of power supply), sealed by insulation tape in order to electric leakage.
3. Connect solenoid valve and DC6V output of AC adapter.
4. Cover faceplate.

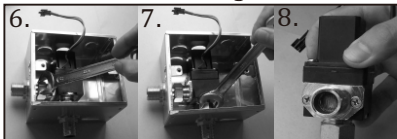


### Filter Screen Cleaning Procedures:

Note: Filter screen will be blocked with dirty something after using long time, which causes the water can't flow away. Please clean screen filter as following procedures:



1. Attract faceplate
2. Take away frame
3. Discharge connector
4. Shut off water regulator
5. Clean filter screen



#### For without water regulator:

6. Discharge inlet of solenoid
7. Discharge outlet of solenoid
8. Clean filter screen