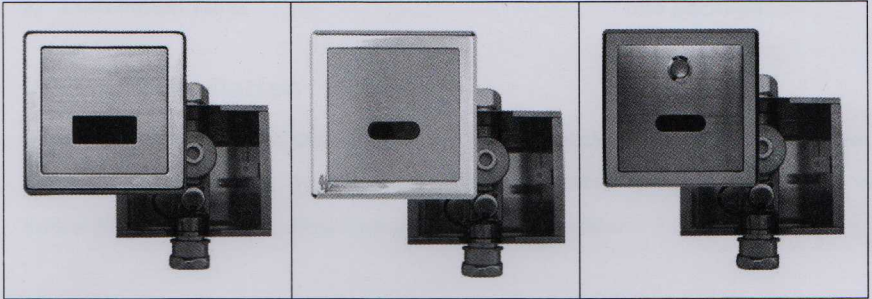


INSTALLATION INSTRUCTIONS

For Wall Mounted Toilet Flusher



(Apply to HD701AC/DC-A, HD701AC/DC-B, HD701AC/DC-OB)

Packing list:

1. Installation instruction one copy
2. Solenoid valve module assembly for battery powered model (Including solenoid enclosure, solenoid body, filter, valve of adjustable water volume).
one set
3. Wall Mounted Box one piece
4. Protection Box one piece
5. Battery Box one piece
6. Installation Parts one package

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.

TOOLS REQUIRED FOR INSTALLATION:

Head screwdriver

Wrench

Technical Parameters of Battery Powered Urinal Flusher

Diameter of inlet pipe:	DN25 (G1")
Diameter of outlet pipe:	DN25 (G1")
Water Pressure:	0.05Mpa-0.7Mpa (Perfect 0.5MPa for working)
Power and Voltage:	DC6V
Power Consumption:	≤0.2mW (DC)
Ambient temperature:	0.1-45°C
Sensor Distance:	40cm-70cm automatically adjusted (factory setting 70cm)
Time of Flushing	When sensing exceeding 8 seconds and after leaving 2 second, it flushes water 14 seconds.
Dimension of Products:	(HD701DC)120mm * Height 120mm (HD702DC)120mm * Height 156mm

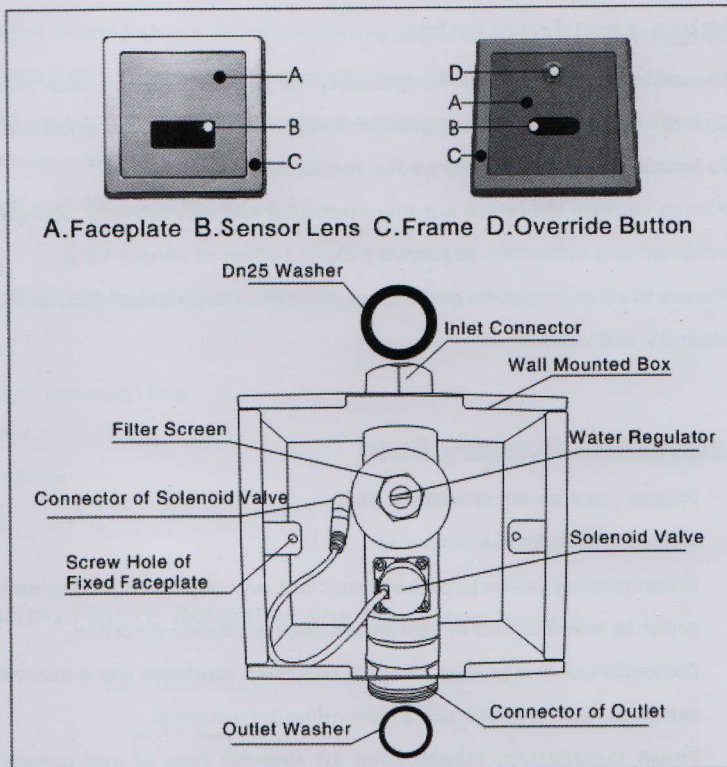
User's Guide:



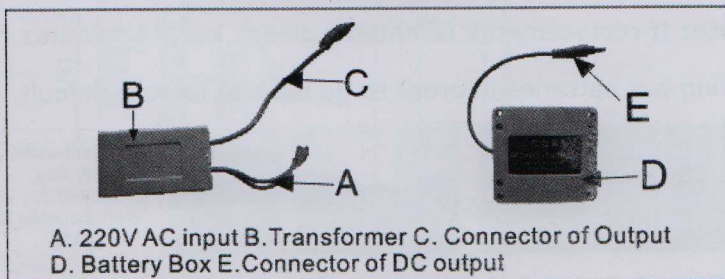
(Figure 1- direction)

1. Time delay before activation of sensor: Sensor activate when use remain within sensing distance, the LED flashes each time per 0.7 seconds
2. Time delay for activation of flush: Flush only when sensing exceeding 8 seconds and after leaving 2 seconds.
3. In order to avoid splashing, somebody is in sensor zone while flushing, it will stop to flush at first, after leaving 2 seconds, and it will continue flushing 10 seconds.
4. It will flush automatically every 24 hours if kept in unused to avoid odor returning once the trap dries.

Description of Parts:



(Figure 2- Main Parts)



(Figure 3- Transformer & Battery Box)

Installation directions:

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

Design requirements:

1. Please install control valve separately for supplied pipe of each toilet.
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 reflection objective before 100cm of sensor lens.
4. Please protect faceplate and sensor lens from installation, if it is dirty, please clear by soft cloth.

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 eye in order to avoid errors of self-adjustable of sensor distance.
4. Indication of low power, the LED will flash one time per 4 seconds without sensing; flash 3 times per 1 second under sensing.
5. Finish installation; please keep 10 seconds free of any objective before 100cm sensor eye.

Note: If replacements of battery please keep 5 minutes free after taking out batteries in order to go back to factory default.



(Figure 4- Battery Installation)



(Figure 5- Connection battery box)

- * Connect wires with battery box
- * Place battery box into wall mounted box and faceplate

Installation of wall mounted box and tubes:

Note: Please shut off the valve of inlet pipe before installation. Please install wall mounted box and tubes according to figure 6 or figure 7:

1. Place wall mounted box deeply into wall (mounted into wall and lower than

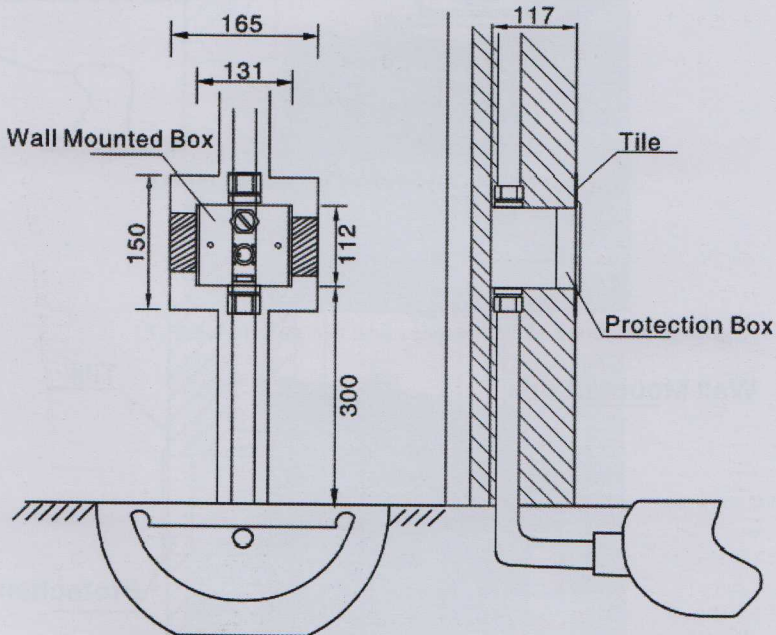
wall about 2-3cm) as per direction figures and connect inlet & outlet tubes.

2. After install inlet tubes and confirm leaking, please install protection box on the wall mounted box with 2 pieces of setscrews, in order to avoid damaging of Solenoid valve module assembly. At the same time, please keep level between wall tiles and protection box.

Installation Sensor parts Steps:

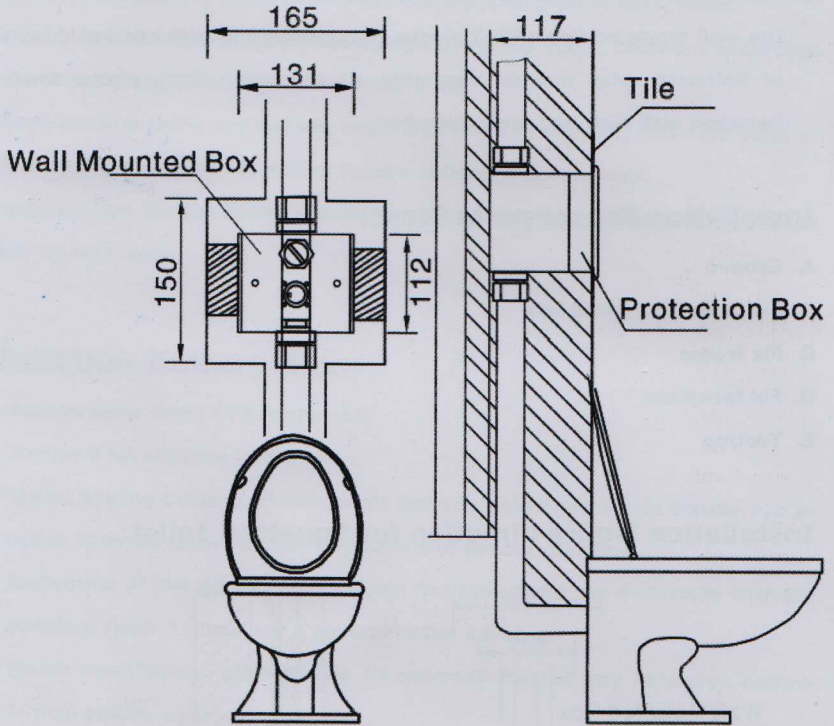
- A. Groove
- B. Place wall mounted box
- C. Fix frame
- D. Fix faceplate
- E. Testing

Installation Figure direction for Squatted Toilet:

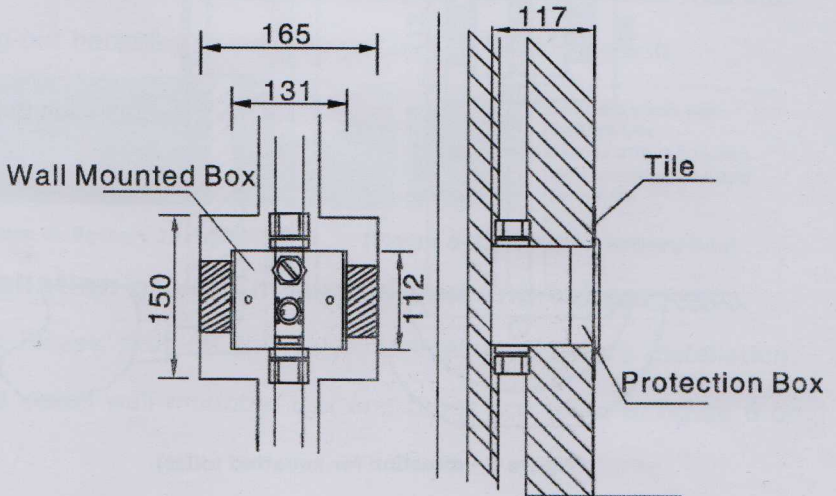


(Figure 6 - direction for squatted toilet)

Installation Figure Direction for Sitting Toilet



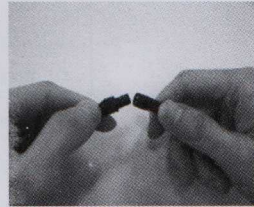
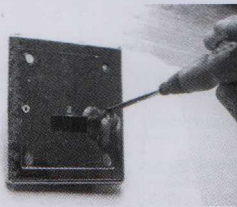
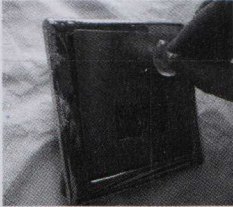
(Figure 7- direction for sitting toilet)



(Figure 8- detailed for wall mounted box)

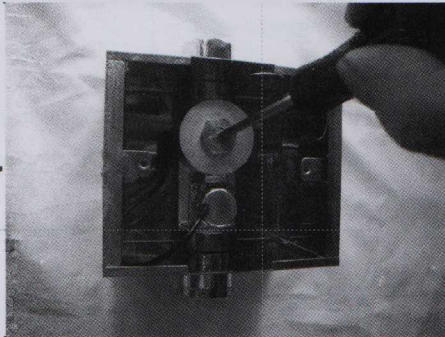
Filter screen cleaning procedures:

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

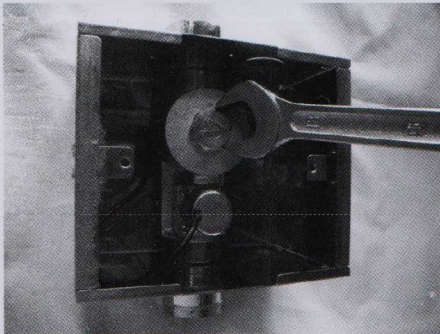


(1) Attract faceplate (2) Take away frame (3) Take away battery box & take apart connection of power first and then solenoid (installation: please connect solenoid first and then connect battery box)

(4) Shut off inlet valve & lock water regulator



(5) Wrench hex nut and take out filter screen to clean



TROUBLESHOOTING GUIDE

Should there be any trouble occurring to our products; please first check it following the procedures. If the problem cannot be solved yet, please contact the distributor or us.		
Troubles	Cause	Items to check
In No water effluent	Abnormal power supply	For battery series: please replace the batteries.
	Sensing eye is dirty	Clean the sensor eye carefully
	Inlet valve(close)	Open inlet valve
	Dirty of inlet tubes	Clean inlet tubes
	Electromagnetic valve blocked	Clean the electromagnet valve.
Insufficient effluent water	Abnormal water supply	Check the valve of adjustable water volume open fully
	Electromagnetic valve blocked	Clean the electromagnetic valve
Flowing water continuously	No flash LED and no voice from valve	Check battery supply normally, or batter failure, please replace
	Any obstacles before sensor eye	Clear obstacles from sensor eye
	Dirty sensor eye	Clean sensor eye
	Whirling un-tightly when main part installation	Close valve of inlet pipe, and take away main parts to re-install once more