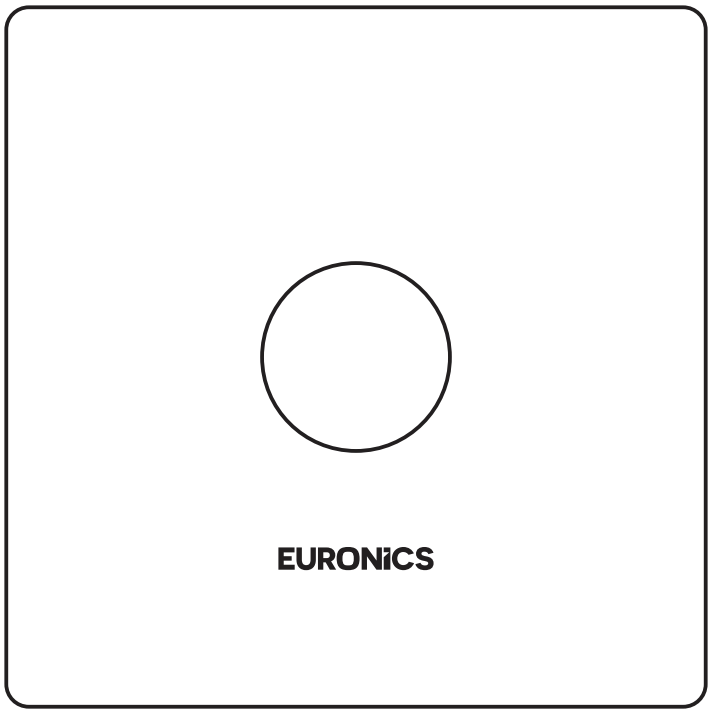
EURONICS

User Manual & Instruction

EU54BE
SENSOR URINAL FLUSHER (RECESSED)

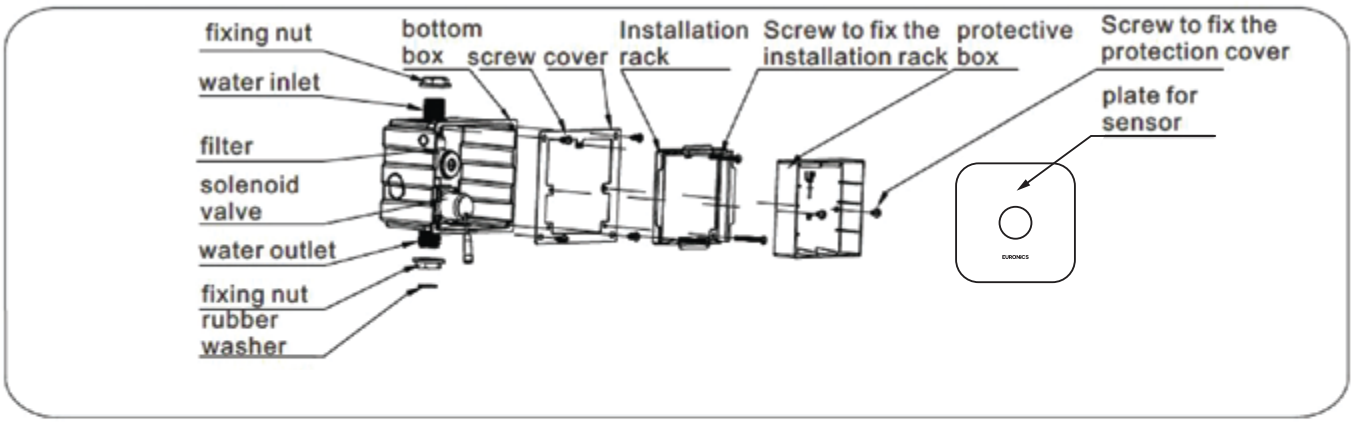


1. Product Features

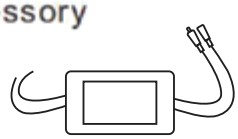
- **Hygiene Sanitary**
  The automatic electronic Flushometer relies on infrared sensor to detect a user and activate a flushing cycle. No physical contact with the Flushometer surface is necessary, assuring sanitary protection.
- **Self-defence of auto-cutting electricity**
  The sensor valve core can be closed automatically, in case of a power supply failure.
- **Water Saving**
  The sensor is equipped with a water volume regulator and can automatically flush the needed amount of water when used.
- **Multi-colored LED Indicating**
  Different indicating lights show diffenrent sensing status.
- **Manual Flushing**
  The sensor has manual control button to control flushing manually.
- **Self-cleaning**
  When the urinal has not been used for a long time, the sensor will automatically flush every 24 hours to avoid the deodorizer and the sewer pipe from drying up.
- **Steady and reliable**
  The sensor applies high technology, that ensures reliable tightness of controlling wires and waterproof of connectors, hence to guarantee reliable function and long life.
- **Easy daily maintenance**
  The internal filter is easy to remove for cleaning.

Note: some product features could vary according to different requirements.

2. Components Name

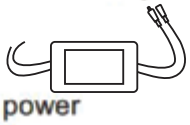


AC power accessory



AC power supply box

Universal accessory for AC and DC



universal power supply box

universal battery box

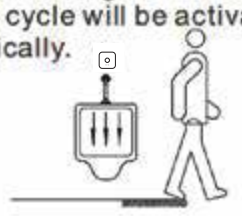
The instructions is composed based in the latest product specifications.
We reserve the right to make modifications to the instructions without providing prior notification.
Pictures for reference only , subject to our available products.

3. Specification Parameter

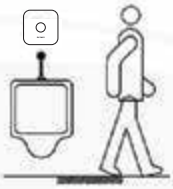
Type	EU54BE	
Power	AC: 240V / 50~60Hz	AC and DC: 100V~240V / 50~60Hz 4 "AA" size alkaline batteries
Sensing distance	Factory set valve at 65±5cm(adjustable)	
Water inlet thread	External thread G1/2	
Water outlet thread	External thread G1/2	
Working pressure	Static pressure range 0.1 MPa-0.7 MPa	

4. Usage Instruction

Automatic Flushing

①Sensor	②After use flush	③Automatic flush
This flushometer idenfities the presence of a target within sensing distance. 	After the user (usage time more than 6 seconds) moves out of the effective range of the sensor, the flush cycle will be activated automatically. 	When the urinal has not been used for a long time, the sensor will automatically flush every 24 hours to avoid the deodorizer and the sewer pipe from drying up. 

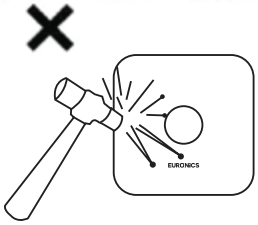
Manual Flushing

①Sensor	②Manual flushing	③None flushing after the user moves out of the range
This flushometer idenfities the presence of a target within sensing distance. 	After usage, press down the button to activate flush cycle. 	The sensor device will not flush again after the user moves out of the sensing range. 

5. Usage Cautions

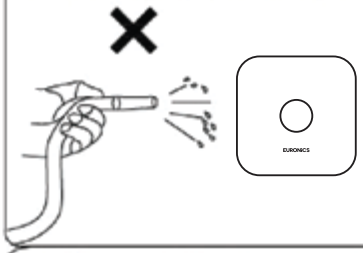
The flushometer contains electronic components and please do follow by below usage cautions strictly.

1. Do not attack the sensor.



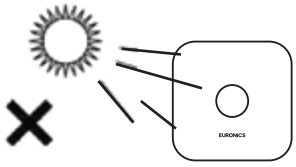
Inside the plate is an electronic instrument and do not attack to avoid malfunction.

2. Do not flush the sensor with water.



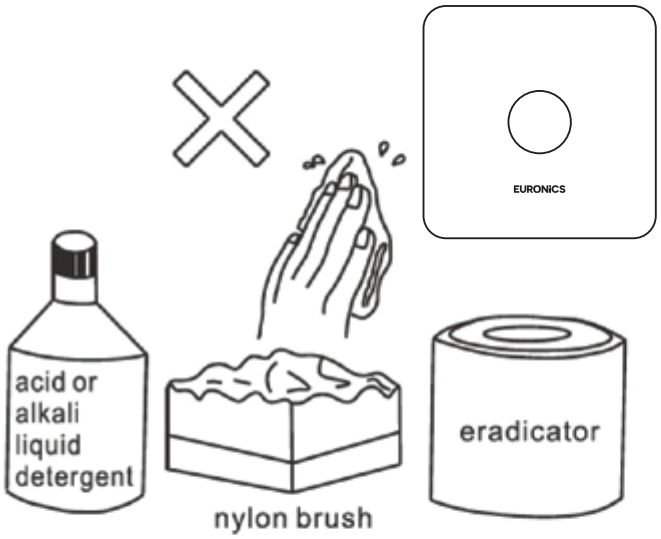
Do not clean the sensor with water, to avoid electrical troubles.

3.No sunlight attack.



Do not let sunlight or other strong ultraviolet attack sensor window.

6. Cleaning and Maintenance



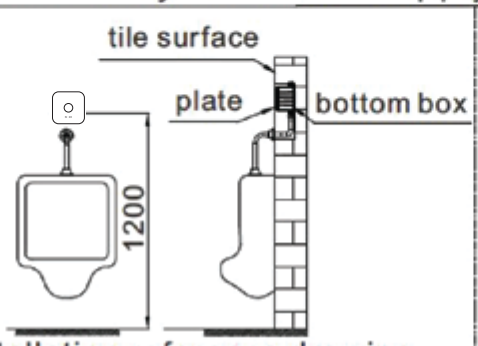
1. The sensor plate can be cleaned by soft rag with neutral liquid detergent.

2. Do not use eradicator, abrasive powder or oil, acid or alkali liquid detergent and nylon brush to clean the product, to avoid damage.

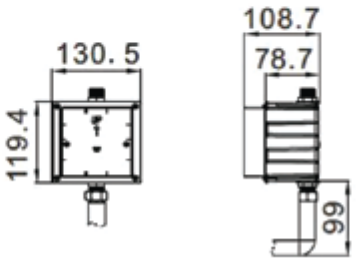
7. Installation Instructions

⚠ Note: Inside the water supply pipe, there might be sands, rusts and other impurities that will influence life of solenoid valve. Hence always clean the supply pipe before installation.

①

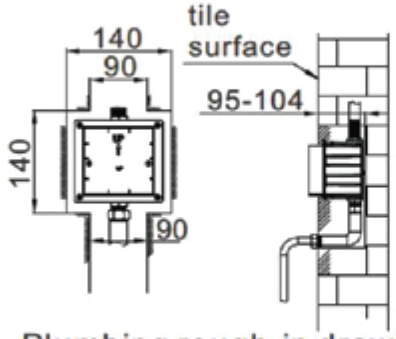


Installation reference drawing (dimension only for reference)



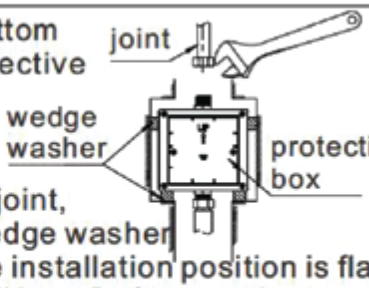
Dimension of bottom box and internal T-shaped pipe.

②

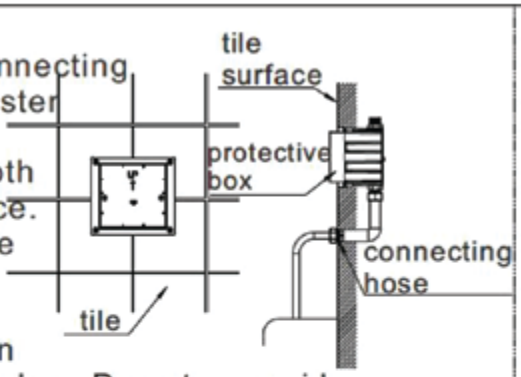


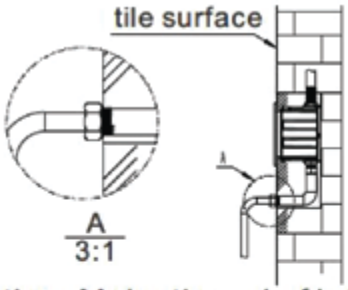
Plumbing rough-in drawing (dimension only for reference)

③ Place bottom box and protective box into roughing-in groove, and connect the joint, insert the wedge washer to make sure installation position is flat and proper. (Note: Before moving to next step, perform the flushing after installation of supply pipe, tomake sure no leakage between pipe and joint.)



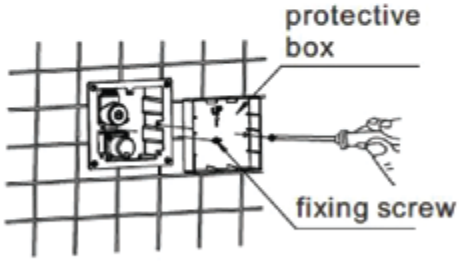
④ Install connecting hose. Plaster the tile and smooth the surface. (Note: Tile surface must be lower than protective box; Do not use acid liquid detergent to clean the tile, to avoid corrosion or damage to bottom box.)





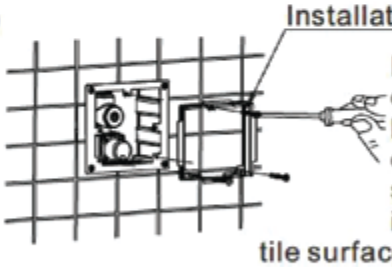
Suggestion: Make thread of internal T-shaped pipe 12mm higher than tile surface, for convenience of installation and replacement of external PVC water supply pipe and other outlet accessories.

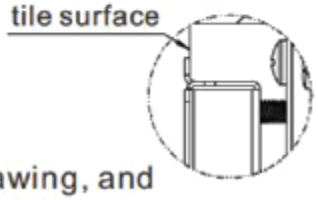
⑤



After the plaster well formed, loose the fixing screws on protective box and take down the box.

⑥

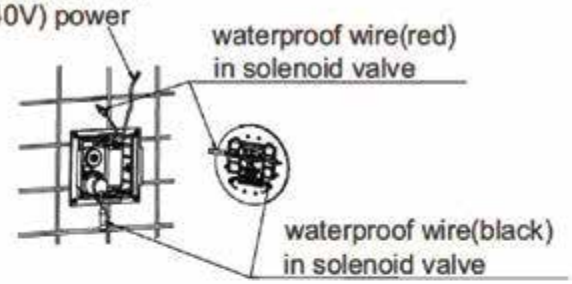




Take the protection box, assemble the installation rack according to the drawing, and then lock it with 3 fixing screws.

⑦ AC installation

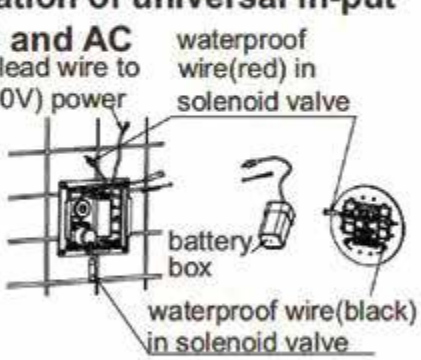
Connect the lead wire to AC (100V-240V) power



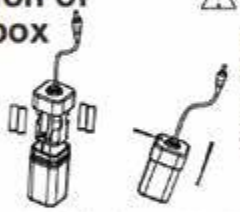
Connect the power wire(red) and solenoid valve wire (black) respectively to matching down-lead on sensor. (Note: Colors of wire should be corresponding each other.)

Installation of universal in-put for DC and AC

Connect the lead wire to AC (100V-240V) power



Installation of battery box

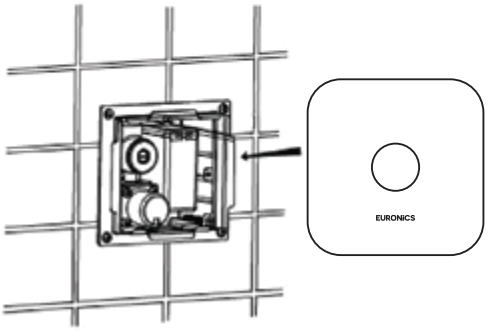


⚠Close the cap, while press side of rubber plug with fingers to squeeze out the air, to ensure fair sealing.

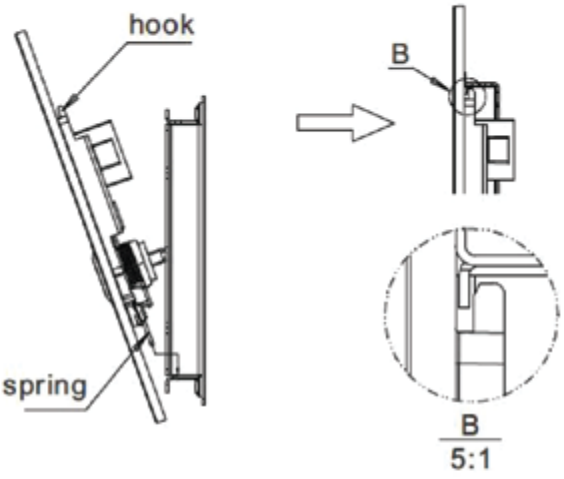
1. It must be "AA" size alkaline batteries with 1.5 volt.
2. Do not mix different brands, new and used batteries together.
3. The non-alkaline batteries come with short life.

1. Connect the power wire (red) and solenoid valve wire (black) respectively to matching down-lead on sensor (Note: Colors of wire should be corresponding each other.)
2. Connect down-lead to AC power.(Attention: This must be done by electrician, to ensure airproof insulation at connection. For safety, please always shut off the power supply during installation of AC power.
3. For products of universal in-put for DC and AC , the battery requested to be installed into battery box.

⑧

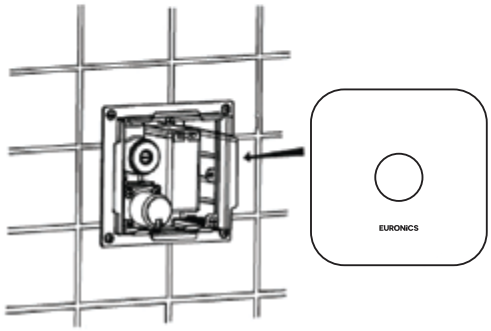


Assemble the faceplate with photoelectric sensor into the installation rack.

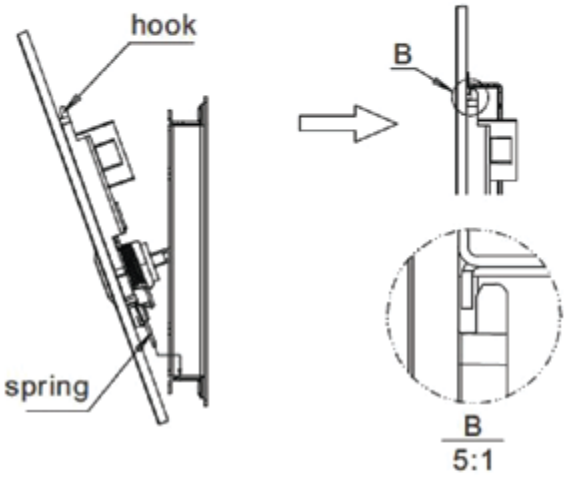


Installation method of the quick-release faceplate: press the spring into the installation rack according to the drawing, press down on the faceplate and then push it inwards so to push the hook into the installation rack.

⑧



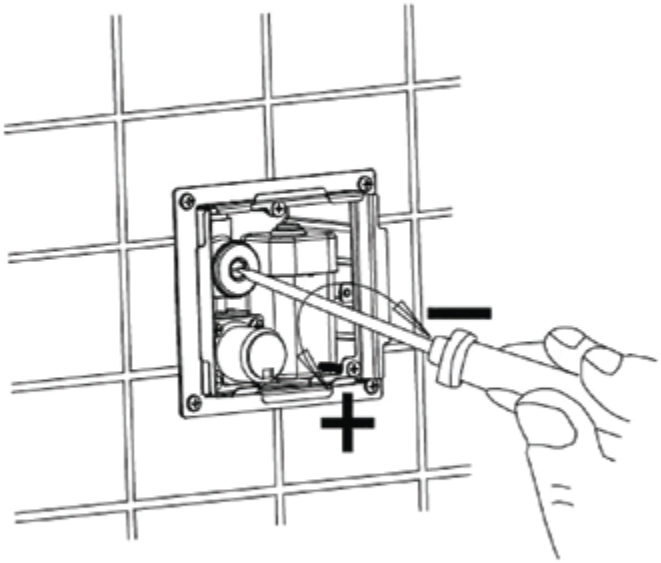
Assemble the faceplate with photoelectric sensor into the installation rack.



Installation method of the quick-release faceplate: press the spring into the installation rack according to the drawing, press down on the faceplate and then push it inwards so to push the hook into the installation rack.

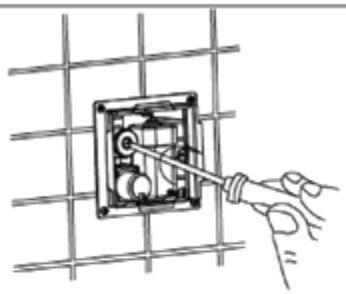
9. Water Volume adjustment

When there is too less water or none water coming out of urinal, use cupule to take down cover plate. Use a flat screwdriver to rotate adjustor to get desired water volume. Clockwise for less water and counterclockwise for more water. After adjustment, install back the cover plate properly.



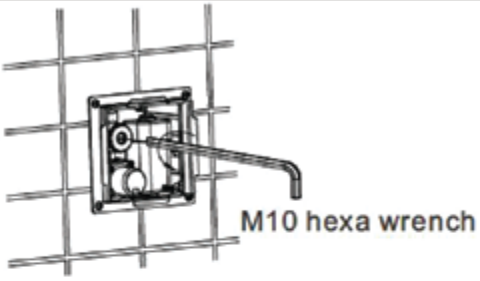
10. Filter cleaning

①



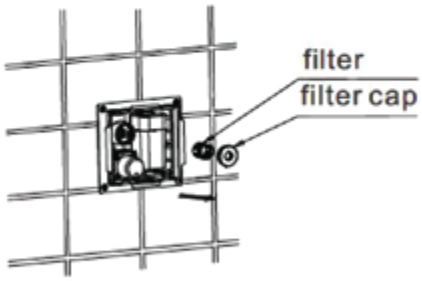
Take the faceplate, screw the volume adjusting knob clockwise with straight screwdriver till it get locked.

②



Take out the fixed cap on filter with a M10 hex wrench to turn counterclockwise.

③

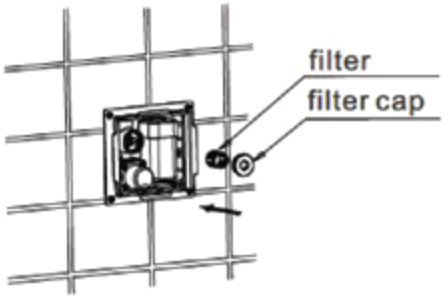


Remove filter with care.

④

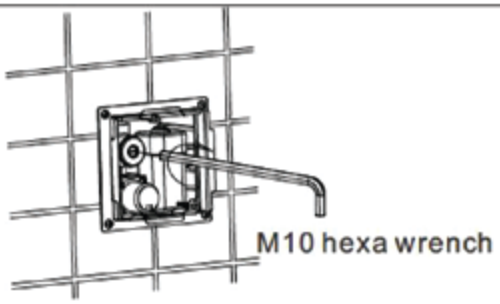
Flush the filter under tap water.

⑤



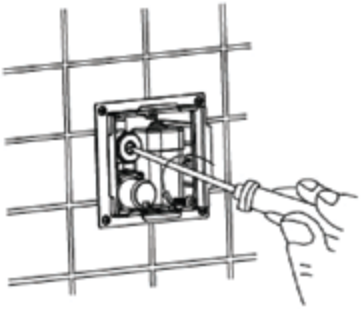
Re-install the filter.

⑥



Turn clockwise with a M10 hexa wrench to tighten the filter cap.

⑦



Turn counterclockwise the adjusting bolt with flat screwdriver to open the valve and re-install the plate.

11. Troubleshooting

Issue	Cause	Resolution	Reference steps
No flushing	Sensor window needs cleaning.	Remove the dirts.	
	Water supply is cut off.	Connect water supply and wait for the water.	
	Filter is dirty and causes block.	Clean the filter.	Reference chapter ten(10)
	Water pressure out of operating range.	Adjust the water pressure to operating range.	
Water not shut-off.	The connecting wires between solenoid valve and sensing model falling off. (black wire)	Re-connect the black wire and sense for 10 seconds.	
	Water pressure out of operating range.	Adjust the water pressure to operating range.	
	Water is dirty and impurities stuck at solenoid valve seal.	Clean the internal of solenoid valve.	
Inadequate flushing water.	Water volume is too small.	Adjust water volume to desired.	Reference chapter nine(9)
	Filter is getting dirty.	Clean the filter	Reference chapter ten(10)
	Operating pressure is too low.	Adjust the water pressure to operating range.	
Too much flushing water.	Water volume is too big.	Adjust water volume to proper.	Reference chapter nine(9)
	Operating pressure too high.	Adjust the water pressure to operating range.	

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INTERNATIONAL
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*Warranty Terms

1 years warranty on complete unit
(User have to clean filter on regular intervals. Cleaning of filters is not covered under warranty.)