



SmartFlush Automatic Toilet Flusher

ATF-0002

Installation Manual



Quality Guarantee

*Thank you for choosing the automatic toilet flusher. Please read the instruction carefully before installation. This manual is for your reference only.



Features

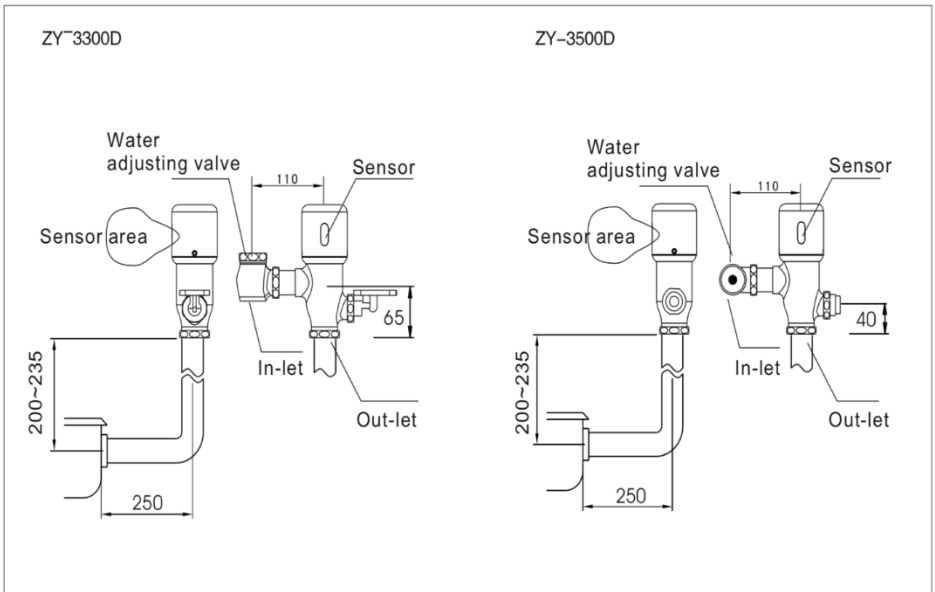
- Hands free sensor operation.
- Adjustable control stop for water flow adjustment
- Manual push button for flushing.
- Adjustable sensing distance

Specifications

Power	6V (2 x Lithium CR123A)
Water Pressure	0.3 – 0.8 MPa
Water Temperature	0.1 – 60 °C
Water Flow Volume	4 – 6 L (@ 0.3 – 0.4 MPa)



Construction Diagram





Installation Guide

Ensure there are no object within one meter of the sensor
INSTALL THE TOILET FLUSHER ACCORDING TO THE
INSTALLATION DIAGRAM.

1. Flush all water lines prior to making connections.
2. Shutoff the water lines.
3. Clean the pipe before installation.
4. Connect the in-let of pipe with inlet of toilet flusher.
5. Connect the out-let of pipe without-let of toilet flusher
6. Please open the water lines and using the manual push button flush to ensure there are no water leakage.
7. Using a Philips screw driver remove the top cap assembly, disconnect the sensor cable (white n yellow) and the battery holder (red n black) cables.
8. Remove the sensor from the cap.
9. Remove the battery holder from the cap & place two lithium CR123A inside the battery holder.
10. Assemble sensor onto the slotted opening of the cap.
11. Connect all the cable connectors per the matching cables (sensor-white n yellow battery-black n red).
12. Assemble cap back onto the fixture and fasten the two screws securely.



Range Adjustment

If the range is too short or too long, it can be adjusted.

Default factory's range is 55 – 60 cm. The factory setting should be satisfactory for most installations.

Place a target in sensor view area and wait for 10 seconds. Sensor will automatically adjust to the desired target setting.

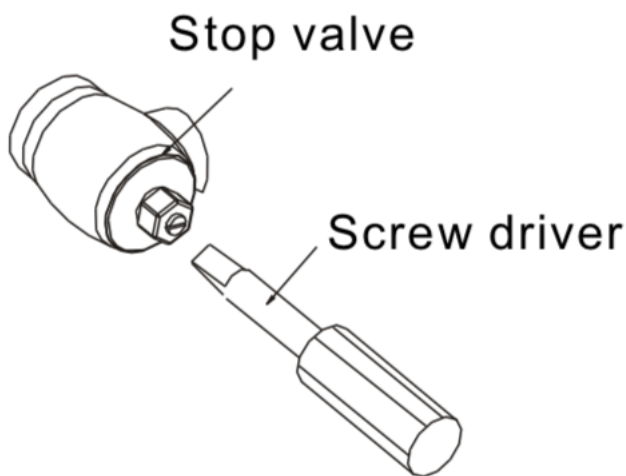
Battery Replacement

1. Sensor LED flash three times to indicate low battery power
2. Remove the top cap assembly. Disconnect the sensor (white n yellow) & power cables (red n black).
3. Gently push out the sensor.
4. Remove the black battery holder enclosure.
5. Remove & replace with two new 2 (CR123A, 3V) lithium batteries.
6. Place back the battery holder onto the cap.
7. Install the sensor back onto the cap by gently pressing the sensor through the slotted opening.
8. Connect the two sensor & battery cables.
9. Close & fasten the cap assembly.



Flow Adjustment

Using a flat head screwdriver adjust stop valve until the rate of flow delivered properly cleanses the fixture / toilet. Clockwise to reduce flow and shutoff water. Counter clockwise to increase flow.





Solenoid Valve Maintenance

1. Shutoff all water lines.
2. Remove the cap assembly & disconnect the sensor cable (white n yellow)
3. Using a Philips screw driver remove solenoid valve.
4. Remove the diaphragm. Using a needle clean the small diaphragm hole on and wash the diaphragm with water. Install back the valve with the piston and the spring.

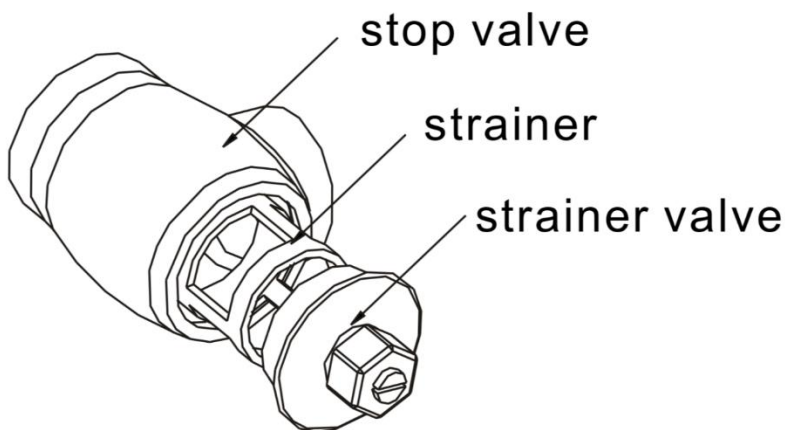


Strainer Maintenance

The strainer is required to be cleaned:

1. Every three months or
2. Delivered flow is less than normal.

Shut off all water lines. Using a 19 mm wrench remove the strainer cap. With a soft brush under running hot water clean the strainer. Re-assemble back the stop valve assembly.





Troubleshooting

1. Valve does not flush; sensor not picking up target.
 - i. Sensor distance setting is too short; increase sensor distance.
2. Valve does not flush even after adjustment.
 - i. Improper Range Adjustment; Follow Instructions and repeat steps.
 - ii. Batteries completely used up; replace batteries.
 - iii. Problem with sensor module; replace sensor module.
3. Valve does not shutoff.
 - i. Dirt or debris fouling diaphragm. Remove solenoid valve diaphragm and wash under running water.
 - ii. Problem with sensor module; replace sensor module
4. Not enough water delivered
 - i. Stop valve not adjusted properly. Readjust stop valve.
 - ii. Inadequate volume or pressure at supply. Increase water pressure or flow.
5. Too much water delivered
 - i. Stop valve not adjusted properly. Readjust stop valve.
 - ii. Dirt in diaphragm bypass. Clean under running water.
6. Red LED flashes 3 Times when user steps in sensor range.
 - i. Batteries low; replace batteries.



Care & Cleaning

1. DO NOT use abrasive or chemical cleaners to clean flusher as they may dull the chrome texture. Use ONLY soap and water, then wipe dry with clean cloth or towel.
2. While cleaning the bathroom tile, the Flushometer should be protected from any splattering of cleaner. Acids and cleaning fluids can discolor or remove chrome plating.



Resources



For Installation guides, visit our resource page through the QR code

Alternatively, you can visit our resource page at

<https://faucetscanada.ca/resources/>



To view more products from Faucets Canada, visit our shop page through the QR code.

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Warranty Information



For information on product warranty, visit our resource page through the QR code.

Alternatively, you can visit our warranty claims page at

<https://faucetscanada.ca/warranty-claim/>



About us

Here at FCi, our main goal is to break the eco-innovation boundary and provide customers with fixtures that save water and deliver reliable sources of sanitation every time.

As Canada's favourite automatic faucet brand, we are proud to say we deliver quality touchless fixtures that perform beyond expectations and exceed design standards.

To learn more about Faucets Canada, please visit our website at FaucetsCanada.ca