

AUTOMATIC TOILET FLUSHER

SmartFlush In-Wall Automatic Toilet Flusher

Concealed automatic toilet flushing

PRODUCT IDENTIFICATION

Model	ATF-0001
SKU	smartflushtoilet-flusher
Power	6 V DC / four AA alkaline batteries; AC version 110-240 V, 50-60 Hz



READ THIS MANUAL BEFORE INSTALLATION

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START HERE

Safety and contents

Read the instructions carefully before installation and keep this manual available for operation and care.

IMPORTANT INFORMATION

- Install plumbing in accordance with applicable codes and regulations.
- Size and anchor the supply piping so it provides adequate volume without moving during use.
- Flush water lines and purge air before connecting the valve to the fixture.
- Do not place a handrail or other object within the sensor detection area.
- Do not aim the sensor toward mirrors, stainless-steel walls, reflective surfaces or another infrared sensor.
- Shut off all water supplies before solenoid or battery service.

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Warranty and support

For FCI SmartFlush in-wall toilet flusher model ATF-0001. AC wiring is not covered.

PRODUCT OVERVIEW

Product overview

Review the product functions, operating limits and key specifications before installation or service.



FEATURES

- Hands-free sensor operation.
- Manual flush button.
- Adjustable sensing distance and water-delivery time.
- Adjustable control stop for flow setting.

SmartFlush concealed automatic toilet flusher.

TECHNICAL DATA

DC power	6 V; four AA alkaline batteries
AC version	110-240 V AC, 50-60 Hz
Water pressure	0.3-0.8 MPa
Water temperature	0.1-50 °C
Single-flush volume	9-12 L at 0.24 MPa
Factory sensing distance	65-70 cm
Factory water-delivery time	8 seconds
Faceplate dimensions	148 x 148 mm

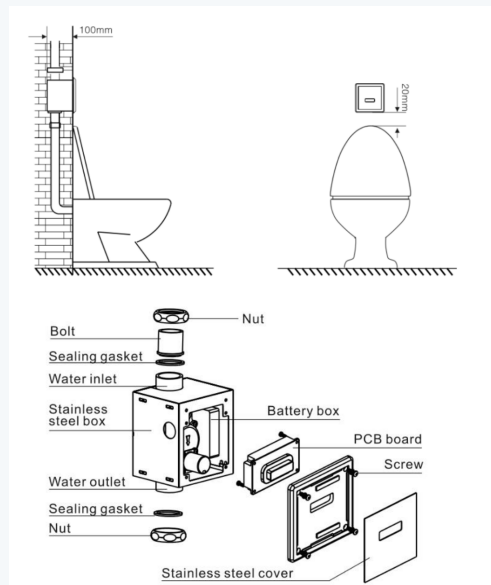
OPERATING NOTE

Water-delivery time can be set to 6, 8, 10 or 12 seconds.

COMPONENTS

Rough-in and components

Identify the product components before beginning installation or service.



EXPLODED VIEW

Fixture relationship, concealed valve assembly and faceplate components.

PARTS LIST

- | | | | |
|---|------------------------------|---|---|
| 1 | Valve body and control stop | 4 | Sensor and control cables |
| 2 | Inlet strainer | 5 | Battery holder |
| 3 | Solenoid valve and diaphragm | 6 | Stainless-steel faceplate and manual button |

PREPARATION

Installation preparation

Complete these checks and gather the listed tools before beginning.

1**Phillips screwdriver****2****Flat-head screwdriver****3****Clean soft cloth****4****Neutral or diluted
dishwashing
detergent****COMPLETE FIRST**

- Install the toilet fixture, drain line and water supply line.
- Determine stud and supply locations relative to the toilet.

PROTECT PERFORMANCE

- Flush lines and purge air.
- Keep reflective objects out of the sensor view.

AC version

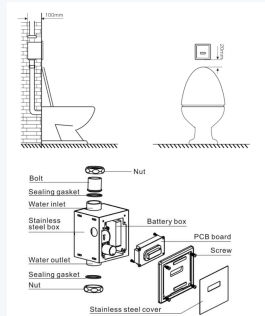
Do not use this manual as an AC wiring guide. Contact FCI for model-specific electrical instructions.

Complete this check before proceeding.

INSTALLATION

Prepare and position the installation

Follow the sequence in order and confirm each mounting point or connection before proceeding.



Use the rough-in diagram when coordinating the fixture, wall and supply.

- 1** Install the toilet, drain and adequately sized water supply in accordance with applicable codes.
- 2** Anchor the supply piping to the building structure.
- 3** Flush the water line and purge all air before connecting the flush valve.
- 4** Locate studs and the supply relative to the toilet as shown in the rough-in diagram.
- 5** Position the sensor so no handrail, mirror, reflective wall or other infrared sensor is in its detection area.

NEXT

Commission sensor timing and water delivery after plumbing work is complete.

OPERATION & SERVICE

Operation and service

Use these procedures for normal operation, adjustment and routine service.

OPERATION

Operating guidance

Factory sensing distance is 65-70 cm and factory water-delivery time is 8 seconds.

Use the procedures below in the order shown.

Set water-delivery time

Available settings are 6, 8, 10 and 12 seconds.

- 1 Press the black button five times until the red LED stays on; the valve flushes once to confirm adjustment mode.
- 2 Within 10 seconds, press once for 6 seconds, twice for 8 seconds, three times for 10 seconds or four times for 12 seconds.

Service the solenoid

Shut off all water before service.

- 1 Remove the faceplate, disconnect sensor and power cables, and remove the black service cover.
- 2 Remove the four solenoid screws and withdraw the cover, diaphragm bracket and diaphragm.
- 3 Clean the valve seat with diluted dishwashing detergent and a soft cloth, dry it, and reassemble.

Set sensing distance

Use a target at the desired distance.

- 1 Remove the faceplate and confirm both cables are connected.
- 2 Press the black button three times until the red LED flashes.
- 3 Hold a target at the desired distance for 30 seconds; a five-second steady LED followed by two flashes confirms the setting.

Adjust flow and replace batteries

The control stop regulates flow; a rapidly flashing red LED indicates low batteries.

- 1 Turn the control stop with a flat-head screwdriver to set the required flow.
- 2 For battery service, close the stop, disconnect the holder and replace all four AA alkaline batteries.
- 3 Reconnect the holder and reinstall all service covers.

TROUBLESHOOTING & CARE

Troubleshooting and care

Use the symptom-and-action guide before requesting service.

SYMPTOM	ACTION
Valve does not flush. Possible cause: Supply or stop is closed, cables are disconnected, sensor is dirty or obstructed, or the sensor/solenoid requires service.	Open the valves, reconnect cables, clean the sensor, remove reflective objects and contact FCI if the sensor or solenoid fails.
Valve will not shut off. Possible cause: Plunger is damaged.	Contact FCI for service or replacement guidance.
Water delivery is too small or too large. Possible cause: Control stop is not adjusted correctly.	Adjust the control stop clockwise or counterclockwise as required.
Red LED flashes in the sensing range. Possible cause: Battery power is low.	Replace all four AA alkaline batteries.

Care and cleaning

Wipe the sensor and faceplate with a soft damp cloth; do not scratch them. Do not use polishing powder, coarse cleaners, thinners, benzene, acids, alkaline detergents or nylon brushes. Use diluted dishwashing or neutral detergent only when water is insufficient, then dry with a soft cloth.

PRODUCT ASSISTANCE

Warranty and support

Keep your proof of purchase and contact FCI for current warranty terms or product assistance.

WARRANTY

Warranty and product support

The warranty term is selected at purchase. A one-year warranty is included; optional two-year and three-year plans are available. Contact FCI for current terms or claim assistance.

WEBSITE

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About FCI

FCi Faucets Canada Inc. provides reliable touchless fixtures designed for hygienic, water-conscious facilities.

Thank you for choosing FCI.