

AUTOMATIC FAUCET

FCi Goose Neck LED Automatic Faucet

Touchless high-arc faucet for
wall-mounted installations.

PRODUCT IDENTIFICATION

Current SKU	gooseneck-led-auto
Model	ASF-0009
Installation	Wall-mounted with below-counter control box
Finishes	Chrome or black
Standard power	6 V DC; four AA alkaline batteries



READ THIS MANUAL BEFORE INSTALLATION

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1 / 9

START HERE

Safety and contents

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

IMPORTANT INFORMATION

- Observe all applicable building and plumbing codes.
- Recommended working pressure is 20-70 psi (138-483 kPa). If supply pressure exceeds 80 psi (551 kPa), install a suitable pressure-reducing valve.
- Recommended supply-water temperature is 39-104 F (4-40 C). Never use steam as a hot-water supply.
- Flush all water lines before installation and install all shutoff valves and connection lines to applicable codes.
- Protect the sensor surface from scratches and damage throughout installation.
- Do not place an inverter-operated or infrared device close enough to interfere with the faucet.
- Keep the black range-setting magnet away from the sensor except while making an adjustment.

CONTENTS

1

Cover

2

Safety and contents

3

Features and specifications

4

Parts and assemblies

5

Prepare the wall and supply

6

Mount and connect the faucet

7

Operate, adjust and maintain the faucet

8

Correct common operating issues

9

Warranty and support

For the wall-mounted FCI Goose Neck LED Automatic Faucet, model ASF-0009. Keep this manual for future service.

PRODUCT OVERVIEW

Features and specifications

A wall-mounted high-arc faucet with hands-free sensing and a below-counter control box.



FEATURES

- Hands-free sensor operation.
- Spout-tip sensor placement for rapid response.
- Wall mounting preserves countertop workspace.

FCi Goose Neck LED Automatic Faucet in chrome.

TECHNICAL DATA

Power	6 V DC (four AA alkaline batteries) or optional 120 V, 50 Hz AC configuration
Sensing range	60-75 cm; 65 cm factory setting
Water pressure	Rated 0.05-0.8 MPa; recommended supply 20-70 psi (138-483 kPa)
Water temperature	Rated 0.1-60 C; recommended supply 4-40 C (39-104 F)
Response time	0.5 seconds
Plumbing fittings	G1/2, G3/8 and 9/16-24
Dimensions	325 mm high x 45 mm wide x 205 mm deep
Batteries	Four AA alkaline batteries; not included

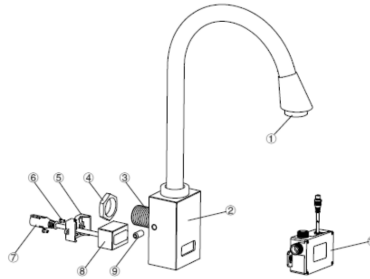
HOW IT OPERATES

The faucet runs while hands remain within the sensing area and stops when hands are removed; each flow interval is five seconds.

COMPONENTS

Parts and assemblies

Confirm all faucet, mounting and control-box components are available before drilling the wall.



1	Aerator	6	Screw (x2)
2	Faucet body	7	Connector (4 pin)
3	Water inlet	8	Sensor
4	Nut	9	Set screw
5	Sensor cover	10	Control box

EXPLODED VIEW

Exploded faucet and control-box parts reference.

PARTS LIST

1 Aerator

2 Faucet body

3 Water inlet

4 Retaining nut

5 Sensor cover

6 Two screws

7 Four-pin connector

8 Sensor

9 Set screw

10 Control box

BEFORE INSTALLATION

Prepare the wall and supply

Confirm the two wall openings, below-counter control-box location and water-supply arrangement before drilling.

1

Adjustable wrench

2

**Power drill with 22 mm and
18.5 mm wall-hole capability**

3

Phillips screwdriver**WALL LAYOUT**

- Provide one 22 mm opening for the water connection and one 18.5 mm opening for the cable.
- Choose an accessible control-box location below the countertop.
- Keep both flexible hoses and the connector cable free of kinks and strain.

OPTIONAL HOT/COLD SUPPLY

- Use FCI mixing valve MV-0001 and two FH-0001FF flexible hoses, 1/2-inch female to 3/8-inch female.
- Provide accessible hot- and cold-water shutoff valves.

Power configuration

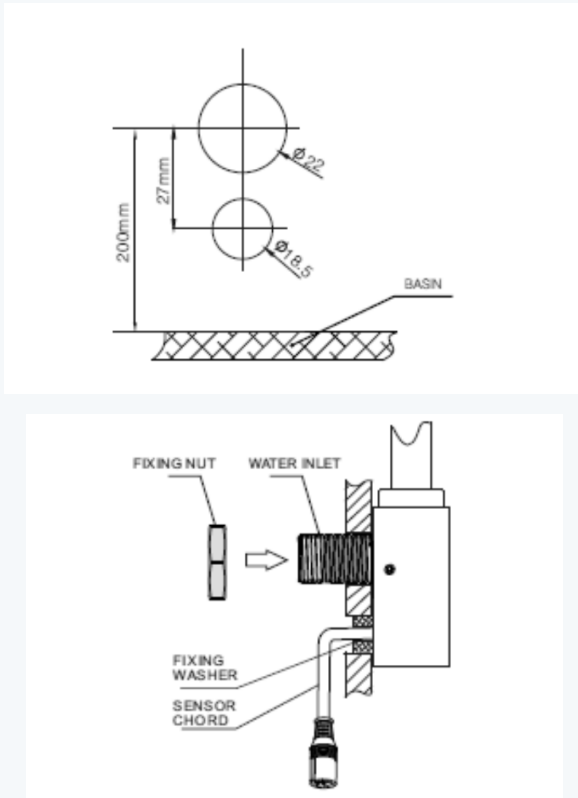
These instructions cover the standard battery configuration. Use only the instructions supplied with an approved optional power unit.

Complete these checks before installation.

INSTALLATION

Mount and connect the faucet

Complete the wall mounting before installing the below-counter control box and flexible connections.



Wall-hole layout and faucet mounting details.

KEY DIMENSIONS

Water opening	22 mm
Cable opening	18.5 mm

- 1 Drill one 22 mm opening and one 18.5 mm opening in the mounting wall using the spacing shown.
- 2 Remove the retaining nut from the faucet.
- 3 Place the water connection through the 22 mm opening and route the cable through the 18.5 mm opening.
- 4 Install and tighten the retaining nut to secure the faucet body to the wall.
- 5 For the standard battery configuration, mount the control box in an accessible position below the countertop.
- 6 Connect the faucet-side flexible hose from the control box to the faucet water inlet, as shown.
- 7 Connect the control-box cable to the faucet's four-pin connector.
- 8 Install four AA alkaline batteries in the holder, observing polarity, and connect the holder to the sensor lead.
- 9 Connect the control-box inlet to the site water supply through a user-provided angle valve, using the supply-side flexible hose shown in the battery-configuration drawing.
- 10 Open the water supply, inspect every connection for leaks and test hands-free operation.

CONNECTION CHECK

Confirm both flexible hoses, the water inlet and the sensor connector are fully seated before opening the supply.

OPERATION AND SERVICE

Operate, adjust and maintain the faucet

Normal use is automatic. Use the black range-setting magnet only when the sensing distance must be changed.

NORMAL OPERATION

Normal operation

Place hands beneath the spout. Water begins to flow and stops when hands are removed.

Follow the procedures below for adjustment and service.

Set the sensing range

The factory sensing distance is 65 cm. Use the black magnet and a hand or target to store a different distance.

- 1 Hold the black magnet in front of the sensor for three seconds, until the sensor LED begins to blink.
- 2 Remove the magnet and place a hand or target at the desired activation distance for five seconds.
- 3 Remove the target after three LED blinks.
- 4 Test the stored range, then keep the magnet away from the sensor.

Replace the batteries

Replace all batteries when the red sensor LED flashes rapidly or the faucet stops operating.

- 1 Turn off the water supply.
- 2 Disconnect the battery box from the sensor and remove the battery holder.
- 3 Remove the holder cover and all four batteries.
- 4 Install four new AA alkaline batteries with the correct polarity.
- 5 Secure the cover, reconnect the sensor lead and return the holder to its bracket.
- 6 Restore the water supply and test operation.

TROUBLESHOOTING

Correct common operating issues

Turn off the water supply before disconnecting hoses or servicing the battery holder.

SYMPTOM	ACTION
Red sensor LED	Battery power is low. Install four new AA alkaline batteries.
Faucet does not operate	Check battery orientation and charge, then make sure the power cable is connected securely.
Sensor activates but no water is delivered	The faucet may be completing adaptive calibration. Wait 45 seconds, then test again.
Weak flow or dribbling	Open the supply valve fully. Remove and clean the aerator or spray head and clean the supply-valve filter.

Care and cleaning

Clean with mild soap and water, then dry with a clean soft cloth or towel. Do not use abrasive or chemical cleaners, including chlorine bleach. Protect the faucet from tile-cleaner splashes; acids and cleaning fluids can damage the finish.

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

A one-year warranty is included, with optional two- and three-year plans available at purchase. Contact FCI for current terms, claim assistance and replacement parts.

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.