

AUTOMATIC FAUCET

FCi Goose Neck Automatic Faucet

Touchless high-arc faucet for countertop installations.

PRODUCT IDENTIFICATION

Current SKU	gooseneck-auto
Model	ASF-0002
Installation	Countertop / deck-mounted
Finishes	Chrome or black
Standard power	6 V DC; four AA alkaline batteries



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 all plumbing in accordance with applicable codes and regulations.
- Confirm supply pressure and water temperature remain within the published product ranges.
- Keep adequate clearance above and below the counter for the faucet, hoses and control box.
- Protect the sensor surface from scratches and damage during installation.
- Before drilling control-box mounting holes, confirm no pipes or wiring are behind the wall and provide adequate support.
- Do not place an inverter-operated or infrared device close enough to interfere with the faucet.

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Warranty and support

For the FCI Goose Neck Automatic Faucet. Keep this manual for future service.

PRODUCT OVERVIEW

Features and specifications

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



FEATURES

- Hands-free sensor operation supports hygienic hand washing.
- Chrome-plated cast-brass spout in a modular one-piece form.
- Adjustable infrared sensing range.
- Mounting hardware is included.

FCi Goose Neck Automatic Faucet in chrome.

TECHNICAL DATA

Power	6 V DC (four AA alkaline batteries); optional plug-in AC configuration available
Factory sensing range	55-60 mm
Water pressure	0.05-0.8 MPa
Water temperature	0.1-60 C
Ambient temperature	1-45 C
Plumbing fittings	G1/2 and G3/8
Dimensions	320 mm high x 155 mm wide x 160 mm deep
Batteries	Four AA alkaline batteries; not included

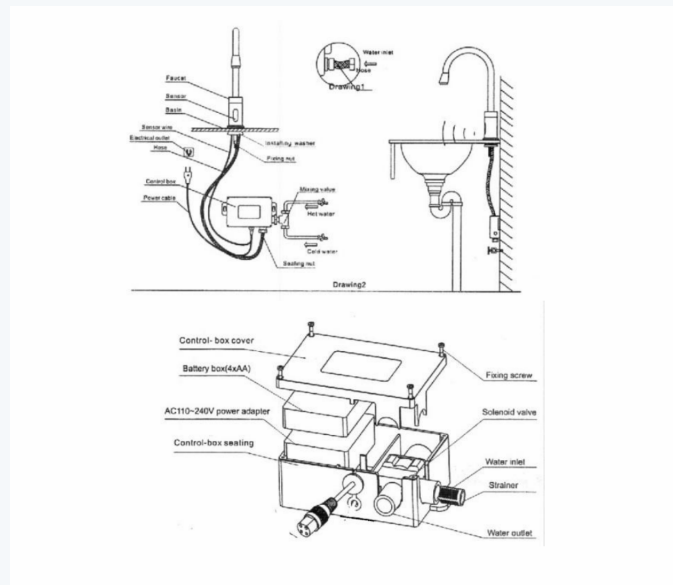
HOW IT OPERATES

Water flows when hands enter the sensing area and stops when hands are removed.

COMPONENTS

Installation components

Identify the faucet mounting stack, electrical connections and control-box parts before installation.



EXPLODED VIEW

Below-counter faucet and control-box installation details.

PARTS LIST

- | | | | |
|---|--|---|--|
| 1 | Faucet assembly with flexible hose and control cable | 4 | Battery holder and battery-holder cover |
| 2 | Rubber gasket, retainer and retaining nut | 5 | Wall anchors and control-box mounting fasteners |
| 3 | Control box, cover and four cover screws | 6 | Optional mixing valve MV-0001 and two FH-0001FF flexible hoses |

BEFORE INSTALLATION

Prepare the countertop and wall

Confirm clearances above and below the basin before drilling the faucet and control-box openings.

1

Adjustable wrench

2

**Power drill with
25-30 mm countertop
bit and 6 mm
control-box
mounting bit**

3

Phillips screwdriver

4

Utility knife**SITE CHECKS**

- Confirm the control box will not interfere with the basin, drain, water lines or cabinet.
- Locate hidden pipes and wiring before drilling wall anchors.
- Provide a firm wall surface for the control-box fasteners.

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.

Sensor protection

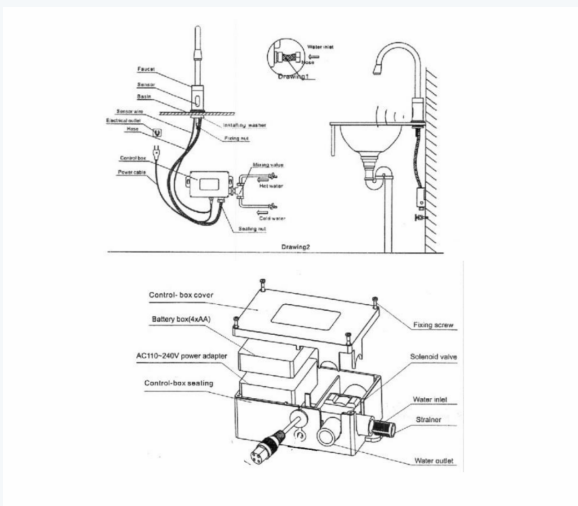
Keep tools and abrasive material away from the sensor window throughout installation.

Complete these checks before installation.

INSTALLATION

Install the faucet and control box

Complete the countertop mounting first, then mount and connect the control box below the basin.



Battery-holder and control-box installation reference.

KEY DIMENSIONS

Countertop opening	25 mm
Control-box wall holes	6 mm

- 1 Drill a 25 mm countertop opening at the selected faucet location.
- 2 Guide the flexible hose and control cable through the opening.
- 3 Install the rubber gasket, retainer and retaining nut below the counter, then tighten the faucet securely.
- 4 Use the control box as a template and mark the wall holes while leaving adequate slack in both the hose and sensor cable.
- 5 Drill each control-box mounting hole with a 6 mm bit, insert the supplied anchors and fasten the control box to the wall.
- 6 Connect the faucet's black male sensor plug to the control box's black female connector.
- 7 Connect the faucet flexible hose to the control-box water outlet, then connect the supply line to the control-box water inlet.
- 8 Loosen the control-box screws and remove the cover.
- 9 Disconnect the red-and-black power lead, remove the battery holder and open its cover with a Phillips screwdriver.
- 10 Install four AA alkaline batteries according to the polarity markings, then replace and secure the holder cover.
- 11 Return the holder to the control box, reconnect the power lead and secure the control-box cover with all four screws.
- 12 Open the water supply, inspect all connections for leaks and test hands-free operation.

OPERATION AND SERVICE

Operate, adjust and maintain the faucet

Normal use is automatic. Adjust sensing only when the factory setting does not suit the installation.

NORMAL OPERATION

Normal operation

Place hands beneath the spout. The valve opens to deliver water and closes when hands are removed.

Follow the procedures below for adjustment and service.

Set the sensing range

The factory range is 55-60 mm. A hand or card can be used as the target for a different activation distance. If no target is held in front of the sensor during range setting, the faucet stores its maximum sensing distance.

- 1 Apply power to the faucet.
- 2 Place a hand or card at the desired activation distance in front of the sensor.
- 3 Hold the target still while the range is set.
- 4 Remove the target after 30 seconds or when the sensor LED turns off.
- 5 Test the newly stored range.

Replace the batteries

Replace all batteries when the sensor LED rapidly flashes three times in one second.

- 1 Remove the control-box cover and disconnect the power lead.
- 2 Remove the battery holder and open its cover.
- 3 Replace all four AA alkaline batteries, observing polarity.
- 4 Secure the holder cover, reconnect the lead and reinstall the control-box cover.
- 5 Test the faucet.

TROUBLESHOOTING

Correct common operating issues

Close the water-supply valve before removing the inlet hose, strainer or aerator.

SYMPTOM	ACTION
No water when the sensor activates	Open the supply valve. Clean and reinstall the control-box inlet strainer, then replace low batteries if needed.
Slow flow or dribbling	Complete the no-water checks, clean the aerator and contact FCI if the solenoid may be obstructed.
Water continues to run or drip	The solenoid valve may not be sealing. Turn off the supply and contact FCI.

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.