

AUTOMATIC FAUCET

FCi Wall Mount Curve Automatic Faucet

Touchless curved-spout faucet for
concealed wall-mounted installations.

PRODUCT IDENTIFICATION

Current SKU	wall-mount-curve
Model	ASF-0010
Installation	Concealed wall-mounted
Finishes	Chrome or black
Standard power	6 V DC; four AA alkaline batteries



READ THIS MANUAL BEFORE INSTALLATION

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.
- Protect the sensor from scratches and damage during construction and finishing.
- Do not place an inverter-operated or infrared device close enough to interfere with the faucet.
- Install the concealed PVC chase before closing the wall, and confirm the route is aligned and unobstructed.

CONTENTS

1

Cover

2

Safety and contents

3

Features and specifications

4

Parts and assemblies

5

Prepare the wall and supply

6

Build the concealed pipe route

7

Prepare the finished wall and mount the faucet

8

Connect the faucet and control box

9

Operate and service the faucet

10

Correct common operating issues

11

Warranty and support

For the FCI Wall Mount Curve Automatic Faucet. Keep this manual for future service.

PRODUCT OVERVIEW

Features and specifications

A curved wall-mounted spout with hands-free sensing and a serviceable control box.



FEATURES

- Hands-free sensor operation.
- Spout-tip sensor placement for rapid response.
- Concealed mounting hardware supports a clean finished-wall installation.

FCi Wall Mount Curve Automatic Faucet in chrome.

TECHNICAL DATA

Power	6 V DC (four AA alkaline batteries) or optional 120 V, 50 Hz AC configuration
Sensing range	12-15 cm; 12 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	28 mm wide x 220 mm deep
Batteries	Four AA alkaline batteries; not included

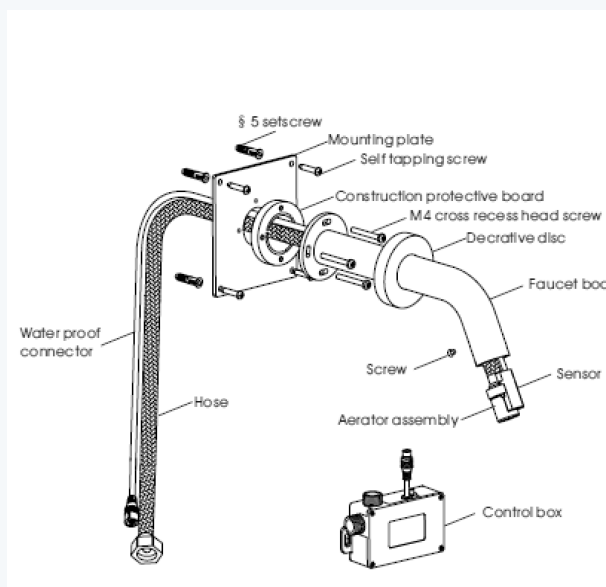
HOW IT OPERATES

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 concealed and exposed components are available before opening the wall.



EXPLODED VIEW

Wall Mount Curve faucet, mounting hardware, hose and control box.

PARTS LIST

- | | | | |
|---|---|---|---|
| 1 | Faucet body, sensor and aerator assembly | 4 | M4 cross-recess head screws and faucet-body screw |
| 2 | Decorative disc and construction protective board | 5 | Hose with waterproof connector |
| 3 | Mounting plate, set screw and self-tapping screws | 6 | Control box |

BEFORE INSTALLATION

Prepare the wall and supply

Coordinate the concealed PVC chase, mounting location and finished-wall opening before work begins.

1

Adjustable wrench

2

**Power drill with
suitable wall bits**

3

Phillips screwdriver

4

Flat-head screwdriver**SUPPLY PREPARATION**

- Confirm water pressure and temperature are within the stated limits.
- Flush the supply lines and install code-compliant shutoff valves and connection lines.

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.
- Keep the control box and supply connections accessible for service.

Finished-wall coordination

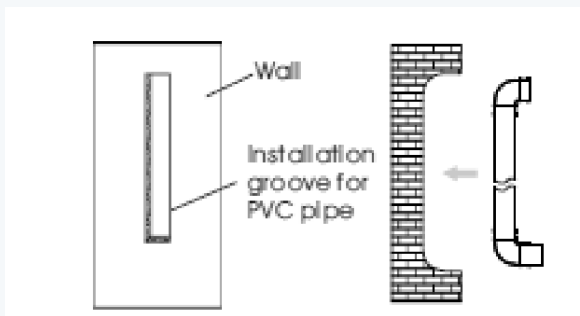
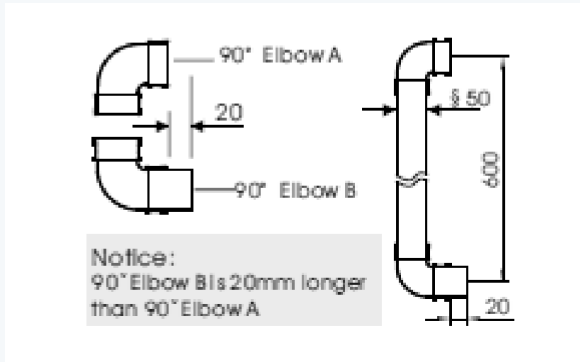
Confirm the concealed PVC chase is aligned and unobstructed before applying drywall, mortar or tile.

Complete these checks before installation.

INSTALLATION - CONCEALED CHASE

Build the concealed pipe route

Use a 600 mm straight PVC section with a 90-degree elbow at each end.



600 mm PVC chase, elbow dimensions and wall placement.

1

Cut a 600 mm straight PVC section and connect one 90-degree elbow to each end in the orientation shown.

2

Open the wall and place the PVC assembly in the required location.

3

Secure the assembly and restore the wall with drywall, mortar or tile while maintaining the specified openings.

4

Fasten the mounting plate and protective cover with two M4 cross-recess head screws.

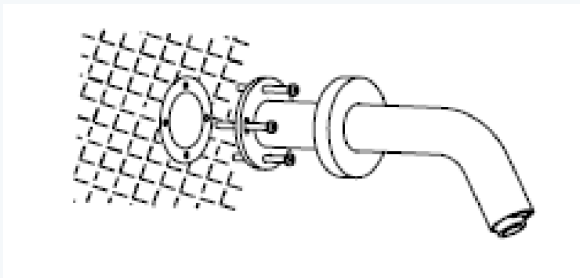
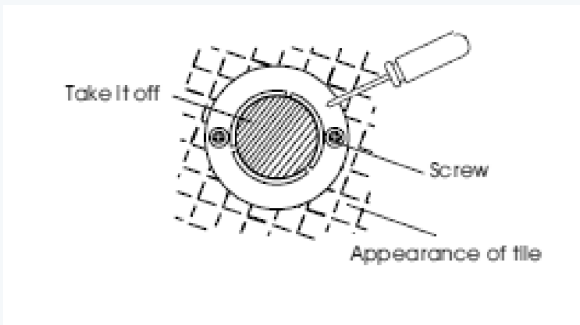
BEFORE CLOSING THE WALL

Confirm alignment, an unobstructed route and service access before closing the wall.

INSTALLATION - MOUNTING

Prepare the finished wall and mount the faucet

Use the specified dimensions to keep the mounting plate centered on the concealed chase.



Protective-cover removal and faucet mounting at the finished wall.

KEY DIMENSIONS

Finished-wall opening **54 mm diameter**

Mounting-plate footprint **88 x 88 mm**

1

Drill four 6 mm mounting holes in the wall and fasten the mounting plate with four suitable 6 mm fasteners.

2

Cut the 54 mm finished-wall opening shown in the mounting drawing.

3

Remove the protective cover with a flat-head screwdriver and remove its two screws.

4

Install the rubber seal and flexible hose on the faucet body.

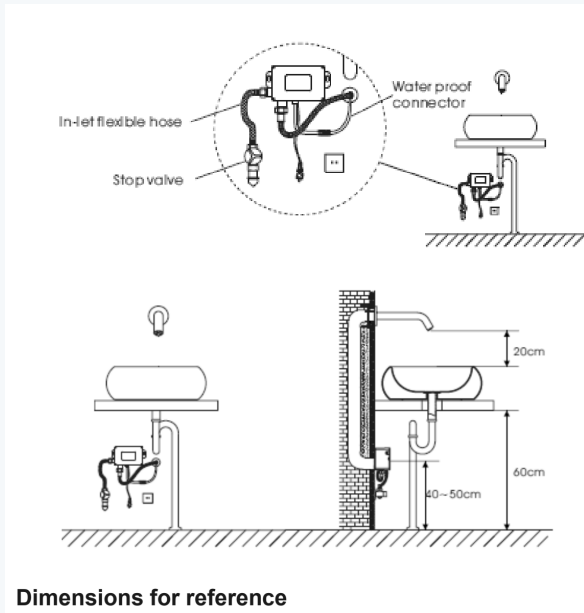
5

Fasten the faucet to the mounting assembly and slide the decorative disc against the finished wall.

INSTALLATION - CONNECTIONS

Connect the faucet and control box

Keep the control box and flexible connections accessible below the basin.



Control-box connections and installation dimensions.

- 1 Connect the inlet and faucet ends of the flexible hose to the control box as shown.
- 2 Install four AA alkaline batteries in the holder, connect the battery box to the sensor lead and secure the holder.
- 3 Open the water supply and inspect the faucet, hose and control-box connections for leaks.
- 4 Place hands beneath the sensor to confirm the water starts and stops correctly.

INSTALLATION REFERENCE

Factory sensing distance

12 cm

INSTALLATION REFERENCE

Battery supply

Four AA alkaline batteries

OPERATION AND SERVICE

Operate and service the faucet

Normal operation requires no user adjustment.

NORMAL OPERATION**Normal operation**

Place hands beneath the spout within the sensing area. Water begins to flow and stops after hands are removed.

Follow the procedures below for adjustment and service.

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 battery 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 the faucet.

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 battery 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 strainer.

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

www.faucetscanadainc.com

PHONE

1-866-279-8369

EMAIL

sales@faucetscanadainc.com



About FCI

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

Thank you for choosing FCI.