

AUTOMATIC WALL-MOUNT FAUCET

FCi Wall Mount Automatic Faucet

Installation, operation and maintenance

PRODUCT IDENTIFICATION

Model	ASF-0001
SKU	wall-mount-auto
Standard power	6V DC / 4 AA
Optional power	6V AC
Finish shown	Chrome



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

- Read the instructions carefully before installation.
- Observe all local and plumbing codes.
- Never use steam as a hot water supply.
- Protect the sensor surface from scratches during installation.
- Make sure pipework, stop valves and connection lines are installed according to local codes.
- Do not place devices that use an inverter or infrared sensor near the faucet.

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This manual applies to model ASF-0001 / SKU wall-mount-auto.

PRODUCT OVERVIEW

Features and specifications

Touchless operation with standard battery power and an optional AC configuration.



FEATURES

- Hands-free sensor operation.
- Sensor positioned at the tip of the spout for quick response.
- Easy installation and low-cost maintenance.

Chrome finish shown

TECHNICAL DATA

Power - standard	6V DC, 4 x alkaline AA
Power - optional	6V AC
Sensing range	5-15 cm
Response time	0.5 seconds
Pressure specification	0.1-0.7 MPa
Recommended pressure	20-70 psi (138-483 kPa)
Reducer threshold	Above 80 psi (551 kPa)
Temperature specification	0.1-75 °C
Recommended supply	4-40 °C
Plumbing fittings	G 1/2, G 3/8, 9/16-24
Dimensions	36 mm W x 236 mm D
Finishes	Chrome, black

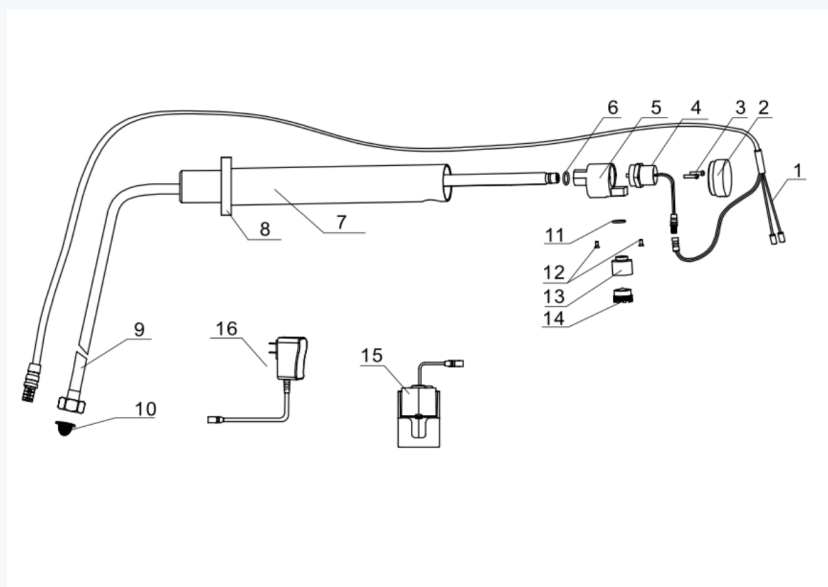
OPERATING RANGES

Specification values describe product capability. Recommended supply values describe normal incoming water conditions.

COMPONENTS

Parts list and exploded view

Use the numbered view to identify faucet, valve, hose and power components.



EXPLODED VIEW

Numbers correspond to the parts list below

PARTS LIST

- | | |
|----------------------------|---|
| 1 Sensor | 9 Flexible hose |
| 2 Sensor cap | 10 Strainer |
| 3 Screw | 11 O-ring |
| 4 Solenoid valve | 12 Screw |
| 5 Valve adaptor | 13 Aerator cover |
| 6 O-ring | 14 Aerator |
| 7 Faucet body | 15 Battery holder and bracket |
| 8 Decorative flange | 16 6V AC power supply (optional) |

PREPARATION

Before installation

Confirm the site, supply conditions and required tools before mounting the faucet.

1

Adjustable wrench

2

Power drill

3

Phillips screwdriver**SUPPLY CONDITIONS**

- Check the cold and hot water supply pressure.
- Recommended working pressure: 20-70 psi (138-483 kPa).
- If pressure is above 80 psi (551 kPa), use a pressure-reducing valve.
- Recommended supply temperature: 4-40 °C. Never use steam as a hot water supply.

SITE PREPARATION

- Observe all local and plumbing codes.
- Flush all water lines before installation.
- Protect the sensor surface from scratches.
- Confirm pipework, stop valves and connection lines meet local codes.
- Keep nearby inverter or infrared sensor devices away from the faucet.

Optional hot and cold water connection

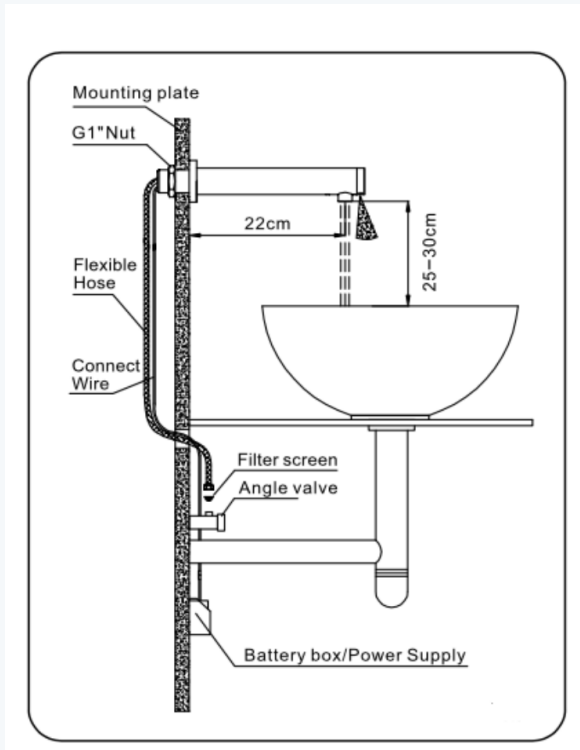
For a hot and cold water installation, use mixing valve MV-0001 and two 1/2 F to 3/8 F FH-0001FF flexible hoses.

Pressure-reducing valve and optional connection components are sold separately.

MOUNTING AND WATER CONNECTION

Installation overview

Mount the faucet, route the flexible hose and connect the water supply.



KEY DIMENSIONS

Wall opening	25-35 mm
Hose opening	16 mm
Supply offset	40 mm
Spout projection	22 cm
Spout to basin	25-30 cm

1

Drill a 25-35 mm hole into the wall.

2

Install and secure the faucet onto the wall with the supplied hexagonal G1 pipe nut.

3

Drill a 16 mm hole into the wall beneath the basin, leaving 40 mm above the water supply line for easy connection.

4

Pass the flexible hose through the 16 mm hole.

5

Connect the flexible hose to the water supply line.

CONNECTIONS SHOWN

The overview identifies the mounting plate, flexible hose, connection wire, filter screen, angle valve and battery box or power supply position.

POWER AND COMMISSIONING

Complete the installation

Install the standard battery holder, turn on the water supply and uncover the sensor.

STANDARD POWER**6V DC / 4 alkaline AA**

The steps below describe the standard battery configuration.

OPTIONAL POWER**6V AC power supply**

Use the optional AC configuration only when that power supply is included.

- 6** Remove the adhesive backing from the plastic battery bracket. Attach the bracket to the wall and apply pressure for 30 seconds to adhere it securely.
- 7** Using a Phillips screwdriver, remove the screw from the bottom of the battery holder and remove the top cover.
- 8** Install four AA batteries and secure the cover.
- 9** Place the battery holder onto the bracket.
- 10** Turn on the water supply line.
- 11** Remove the clear protective film from underneath the sensor.

NEXT: ACTIVATE THE SENSOR

Continue to page 8 to confirm sensor response and battery service steps.

OPERATION AND SERVICE

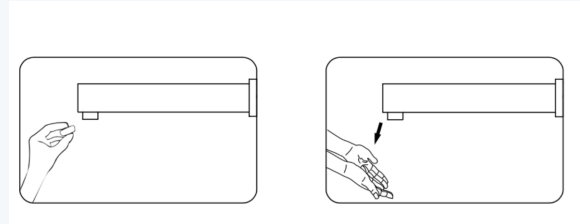
Activation and batteries

Confirm sensor response, then use the battery sequence when the red indicator flashes rapidly.

DETECTION AND ACTIVATION

Factory sensor setting

No adjustments are required for most settings. The default beam has an effective range of 14-15 cm and should be suitable for most installations.



Place your hand underneath the faucet's sensor eye to activate flow.

BATTERY REPLACEMENT

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

- 1 Turn off the water supply.
- 2 Disconnect the battery box from the sensor.
- 3 Remove the battery holder.
- 4 Using a Phillips screwdriver, remove the battery cover and the batteries.
- 5 Install four new AA batteries.
- 6 Replace and secure the battery cover.
- 7 Reconnect the battery holder to the sensor.
- 8 Return the battery holder to the wall bracket.

SERVICE GUIDANCE

Troubleshooting and care

Use the symptom and action table before contacting FCI for assistance.

SYMPTOM	ACTION
The sensor LED is red.	Battery power is low. Install four new AA batteries.
The faucet does not operate.	Check that the batteries are installed and have power. Confirm the battery power cable is connected securely.
The sensor activates but no water is delivered.	The faucet may be completing adaptive sensing calibration. Wait 45 seconds.
Flow is weak or dribbles when the sensor activates.	Open the water supply valve completely. If the aerator or spray head is clogged, remove it, clean it and reinstall it.

Care and cleaning

Do not use abrasive or chemical cleaners, including chlorine bleach. Use mild soap and water, then wipe dry with a clean cloth or towel. Protect the faucet from tile-cleaner splashes. Acids and cleaning fluids can discolor or remove chrome plating.

PRODUCT ASSISTANCE

Warranty and support

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

WARRANTY

Your selected warranty term

Your warranty term is the option selected at purchase. A one-year warranty is included, and optional two-year and three-year plans are available. Keep your proof of purchase and contact FCI for current terms and claim assistance.

WEBSITE

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About FCI Faucets Canada Inc.

FCi provides touchless fixtures designed to help save water and support reliable sanitation. Our team supports commercial and institutional projects with product selection, documentation and practical guidance.

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