

AUTOMATIC SOAP DISPENSER

MagicBox Automatic Soap Dispenser

Wall-mounted touchless liquid soap
dispensing

PRODUCT IDENTIFICATION

Model	ASD-0002
SKU	magicbox-dispenser
Power	9 V DC / six 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

- Check for concealed piping and wiring before drilling.
- Use a wall that can support the filled dispenser and reinforce it when necessary.
- Protect the sensor window from scratches during installation and service.
- Keep inverter-driven or infrared devices away from the dispenser sensor.
- Do not overfill the soap reservoir.

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For FCI MagicBox model ASD-0002.

PRODUCT OVERVIEW

Product overview

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



FEATURES

- Hands-free sensor operation.
- Single-dose liquid soap dispensing.
- Adjustable sensing range and soap volume.
- 1,200 mL reservoir for higher-volume locations.

MagicBox wall-mounted automatic soap dispenser.

TECHNICAL DATA

Power	9 V DC; six AA alkaline batteries
Sensing range	5-15 cm
Factory sensing distance	12 cm
Factory soap volume	1 mL per activation
Reservoir	1,200 mL
Ambient temperature	1-45 °C
Dimensions	152 x 230 x 117 mm
Mounting height	400 mm above the counter

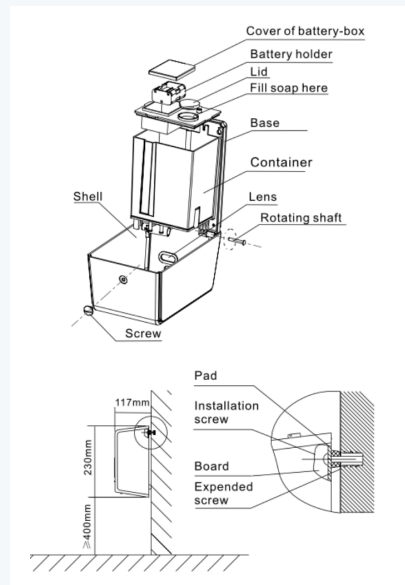
OPERATING NOTE

Place hands below the nozzle within the sensing area to receive one soap application.

COMPONENTS

Components

Identify the product components before beginning installation or service.



EXPLODED VIEW

Enclosure, reservoir, battery compartment and mounting arrangement.

PARTS LIST

- | | |
|--|--|
| 1 Front enclosure and retaining screw | 4 Battery compartment and cover |
| 2 Wall-mount bracket | 5 Sensor window and dispensing nozzle |
| 3 Soap cartridge and fill cap | 6 Range potentiometer and volume switches |

PREPARATION

Before installation

Complete these checks and gather the listed tools before beginning.

1

Power drill with 6 mm masonry bit

2

Flat-head screwdriver

3

Phillips screwdriver

4

Ruler or tape measure

LOCATION

- Mount 400 mm above the counter.
- Confirm clearance around the lavatory and counter.

WALL

- Check for hidden services before drilling.
- Confirm the wall can support the filled unit.

Protect the sensor

Do not scratch the sensor window, and avoid nearby infrared interference.

Complete this check before proceeding.

INSTALLATION

Mount and prepare the dispenser

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



Normal hand position below the sensor.

- 1 Mark a level mounting position 400 mm above the counter and verify the wall is clear of concealed services.
- 2 Open the front enclosure with a flat-head screwdriver.
- 3 Use the wall bracket as a template and mark the holes.
- 4 For concrete, drill 6 mm holes 30 mm deep, install the anchors and fasten the bracket.
- 5 Install six new AA alkaline batteries with the marked polarity and replace the battery cover.
- 6 Remove the fill cap, add liquid soap without overfilling and reinstall the cap.
- 7 Close the enclosure and tighten the retaining screw.

NEXT

Test one activation after the enclosure is secured.

OPERATION & SERVICE

Operation and adjustments

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

OPERATION

Operating guidance

Factory settings are suitable for most installations.

Use the procedures below in the order shown.

Normal operation

Place hands 5-15 cm below the nozzle. One soap application is dispensed.

1

Place hands 5-15 cm below the nozzle. One soap application is dispensed.

Refill soap

Use liquid soap and do not overfill the reservoir.

1

Open the enclosure and remove the fill cap.

2

Add soap, reinstall the cap and secure the enclosure.

Adjust sensing range

The factory sensing distance is 12 cm.

1

Open the enclosure and release the soap-cartridge fasteners.

2

Secure the soap and battery caps before carefully turning the cartridge upside down.

3

Turn the brass potentiometer clockwise to increase the range or counterclockwise to reduce it.

Replace batteries

Replace all six batteries together.

1

Open the enclosure and remove the battery cover.

2

Install six new AA alkaline batteries with the marked polarity.

3

Replace the cover and secure the enclosure.

TROUBLESHOOTING & CARE

Troubleshooting and care

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

SYMPTOM	ACTION
Dispenser does not operate. Possible cause: Batteries are depleted or installed incorrectly.	Check polarity and replace all six AA alkaline batteries as a set.
Soap does not dispense. Possible cause: Reservoir is empty or the nozzle is clogged.	Refill the reservoir and clean the nozzle with a soft cloth.

Care and cleaning

Clean with mild soap and water, then dry with a clean, soft cloth. Do not use abrasive or chemical cleaners, including chlorine bleach. Protect the dispenser from tile cleaner, acids and other cleaning fluids.

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.

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About FCI

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

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