

AUTOMATIC FOAMING SOAP DISPENSER

MagicMoon Automatic Soap/Sanitizer Dispenser

Deck-mounted touchless foaming soap
dispensing

PRODUCT IDENTIFICATION

Model	ASD-0003
SKU	magicmoon-dispenser
Power	6 V DC / four D alkaline batteries

INSTALLATION / OPERATION / CARE



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.
- Confirm that the spout, control box, reservoir and tubing will not interfere with water or drain lines.
- Protect the sensor from scratches and keep nearby infrared devices away from it.
- Keep soap and air tubes free of kinks and cut their ends square.
- Do not overfill the reservoir.

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Warranty and support

For Fci MagicMoon model ASD-0003. Instructions in this manual apply to foaming soap.

PRODUCT OVERVIEW

Product overview

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



FEATURES

- Hands-free sensor operation.
- Deck-mounted chrome-plated spout with separate control box and reservoir.
- Remote adjustment of foam volume and sensing distance.

MagicMoon deck-mounted automatic foaming soap dispenser.

TECHNICAL DATA

Power	6 V DC; four D alkaline batteries
Sensing range	5-15 cm
Foam volume	4-25 mL per activation
Factory foam volume	4 mL
Reservoir	1,500 mL
Ambient temperature	1-55 °C
Product dimensions	110 x 48 x 140 mm
Counter opening	25-30 mm diameter

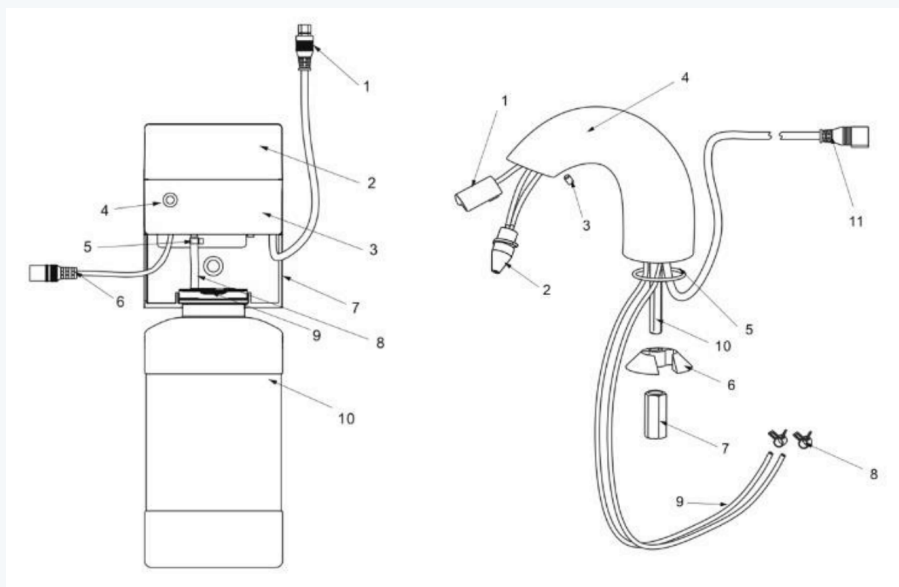
OPERATING NOTE

Hands entering the sensing area activate one foam application.

COMPONENTS

Parts

Identify the product components before beginning installation or service.



EXPLODED VIEW

Spout and control-box assemblies.

PARTS LIST

1 Sensor

2 Nozzle assembly

3 Hex screw

4 Spout

5 O-ring

6 Tapered washer

7 Nut

8 Tube clip and clear tubing

9 Brass shank

10 Male sensor cable

11 Control-box cover and base

12 Push button

13 Hose clip and power cable

14 Fixed frame

15 Suction tube, bottle cap and reservoir

PREPARATION

Before installation

Complete these checks and gather the listed tools before beginning.

1

**Power drill with
25-30 mm counter bit
and 6 mm masonry or
3 mm wood bit**

2

**Adjustable wrench
and hammer**

3

**Phillips screwdriver
and utility knife**

4

**Ruler or tape
measure**

COUNTER

- Confirm clear access above and below the selected opening.
- Position the spout so foam is directed into the basin.

CONTROL BOX

- Locate it within reach of both tubes.
- Keep it clear of water and drain lines.

Tube routing

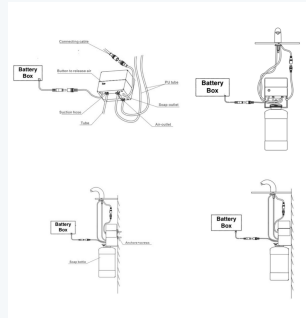
Cut tube ends square and route them without kinks or bends.

Complete this check before proceeding.

INSTALLATION

Install the spout and control box

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



Control-box, battery and tube arrangements.

- 1** Drill a 25-30 mm counter opening in a location with clear access below.
- 2** Fit the gasket over the brass shank, then guide the shank, tubes and sensor cable through the opening.
- 3** Aim the spout into the basin and tighten the flange nut.
- 4** Choose level wall positions for the control box and battery holder within reach of the tubing.
- 5** For concrete, drill 6 mm holes 30 mm deep and use anchors; for wood, drill 3 mm pilot holes.
- 6** Install four D alkaline batteries in the holder and secure its cover.
- 7** Connect the soap and air tubes to their labelled fittings and secure them with clips.

NEXT

Fill and prime the dispenser before first use.

OPERATION & SERVICE

Fill, operate and adjust

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

OPERATION

Operating guidance

Prepare the foaming mixture with two parts water and one part soap concentrate.

Use the procedures below in the order shown.

Fill and prime

Do not overfill the 1,500 mL reservoir.

- 1 Lift and pull the reservoir out horizontally.
- 2 Remove the cap and add two parts water to one part soap concentrate.
- 3 Reinstall the reservoir and press the green controller button to release trapped air.

Adjust sensing distance

Use the remote and a hand target.

- 1 Press Auto Adjust on the remote.
- 2 Place a hand at the desired distance and wait for the confirmation sequence.
- 3 A one-second flash followed by a three-second steady LED confirms the setting.

Adjust foam volume

Factory volume is 4 mL; the supported range is 4-25 mL.

- 1 Aim the remote at the sensor.
- 2 Press Time + to increase volume or Time - to reduce it.
- 3 Three LED flashes indicate the maximum or minimum setting.

Replace batteries

Use four new D alkaline batteries.

- 1 Disconnect power and remove the battery holder.
- 2 Remove the cover and all four batteries.
- 3 Install four new D alkaline batteries, secure the cover and reconnect power.

TROUBLESHOOTING & CARE

Troubleshooting and care

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

SYMPTOM	ACTION
Unit does not operate. Possible cause: Battery power cable is disconnected.	Connect the power cables securely.
Foam does not dispense. Possible cause: Reservoir is empty or nozzle is clogged.	Refill the reservoir with the 2:1 water-to-soap mixture and clean the nozzle with a soft cloth.
Liquid is not foaming. Possible cause: Reservoir mixture is depleted or incorrect.	Refill the reservoir with the 2:1 water-to-soap mixture.

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.

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.