FONTANA LUNA GOOSE NECK MATTE BLACK FINISH FREESTANDING DUAL AUTOMATIC COMMERCIAL SENSOR FAUCET

BEFORE YOU BEGIN

Before you begin, please read the installation instructions below. Observe all local building and safety codes.

Unpack and inspect the items for any shipping damages. If you find damages, do not install.

Please note all products must be installed by a professional and certified plumber otherwise warranty might be voided.

POSSIBLE TOOLS REQUIRED*


Plumbers Tape


Tape Measure


Level


Adjustable Wrench


Hex Wrench


Thread Sealant


Drill


Pencil or Marker


Screwdriver

*not included

Technical Information

Brand: FontanaShowers®

Water Pressure: 0.05Mpa - 0.7Mpa

Power and Voltage: DC.6V / AC.110-220V - 50/60Hz
Power Consumption: 0.5MW

Detection Zone: Factory set 25cm/10" (based on standard in ductive board)

Ambient Temperature: 1 - 45 °C / 33.8 -113 °F

Degree of protection by enclosure: 1P56
Battery: 4 x 'AA' size cells

Operational water pressure range: 0.05 - 0.6MPa

Water supply pipe size: DN15

Flow Rate: 0.5 gpm (1.9 Lpm), Available in other flow rates (op tional)

Touchless Faucet Material: Solid Brass Construction

Finish: Matte Black

Adjustable sensing range: Factory range is set about 4"to 5"from the sensor, it can be adjusted

Control Box : Included- Hardwired & Battery Operated

Remote Control: Available Optional- Reset, Adjust the Sensing Distance or turn off/on

Flow Rate Specific Requirements: Can be provided for Specific Water Flow Requirement

Mixing Valve: Water Temperature Mixing Valve Supplied (Optional)

Battery lifespan: 100000 cycles

Static Power Consumption: 0.36mw

Working Power consumption:0.5mw

Inductive Opening Time: < 1 second

Inductive Closing Time: < 2 second

Dia of installing faucet: 1.29~1.38 inches (33~35mm)

Dia. of inlet/outlet pipe: G1/2"

Convenient to maintain: Built-in strainer to prevent sundries from entering the solenoid valve

Flashing light indicator: Diagnostic indicators for power up, low battery, and solenoid function

Intelligent: Faucet will self adjust its best detection zone as per the color and shape of lavatory

Power Supply: AC110V And DC6V power (Hardwired and Battery Operated/Back up) Also available in AC210V

Accessories: Comes complete with Hoses & Accessories

Selenoid Feature : Water resistant solenoid enclosure

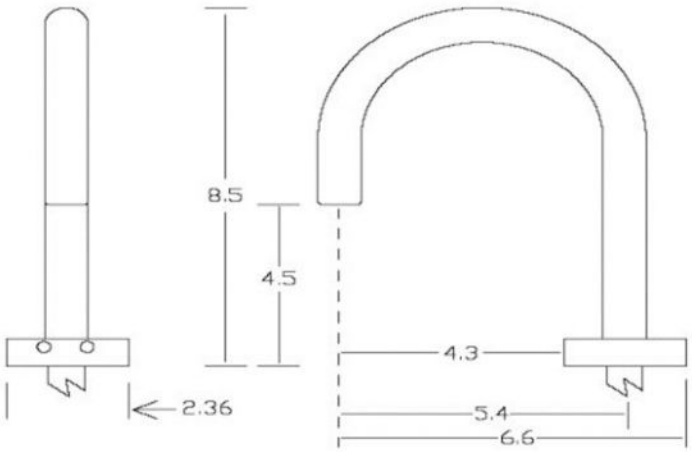
Installations: Comes complete with Installation Instructions

Water Pressure: 0.5 - 7.0 KGS/cm , 10 - 125 psi

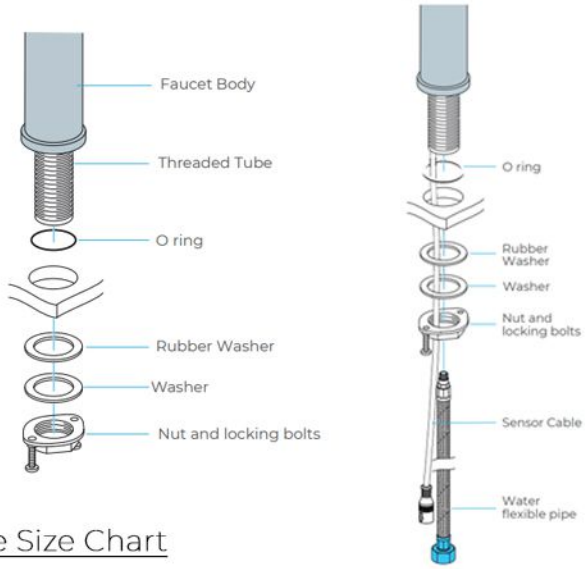
Touchless Faucet Shutoff: Factory set to 30-second Auto Shutoff (can be adjusted)

Usage, Applications: For commercial space bathrooms/re-

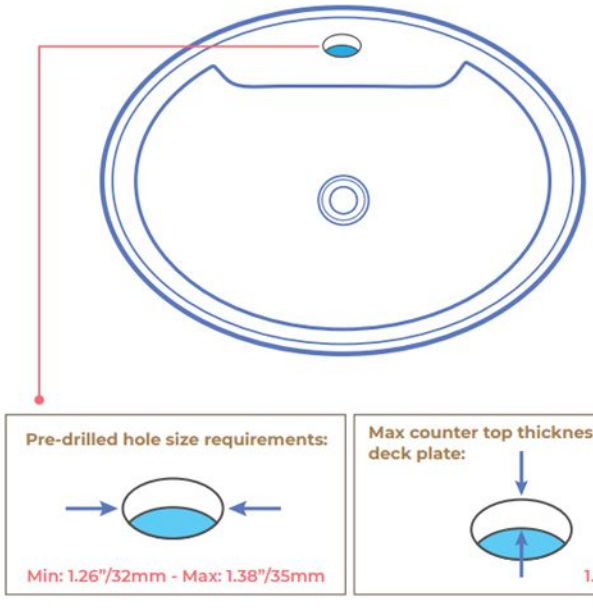
Faucet Size (In inches)



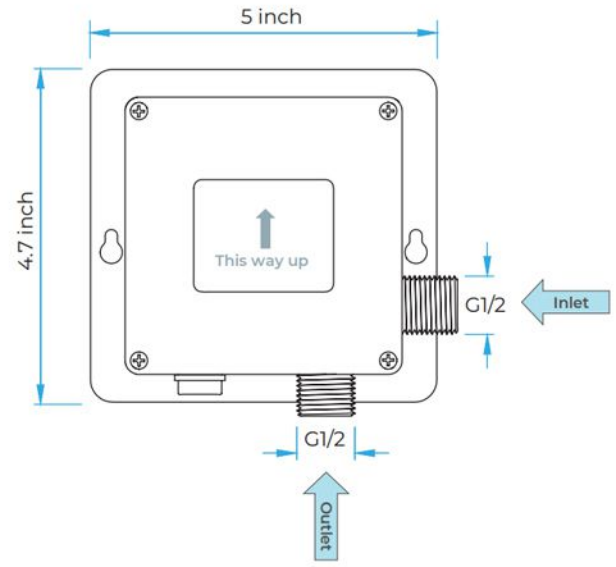
Faucet Deck Mount Installation



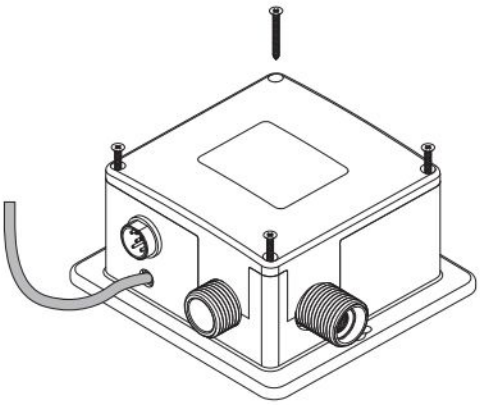
Hole Size Chart



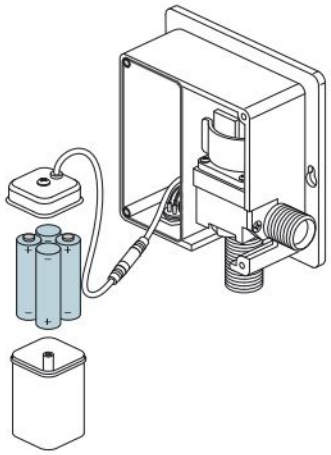
Control Box Installation Instructions



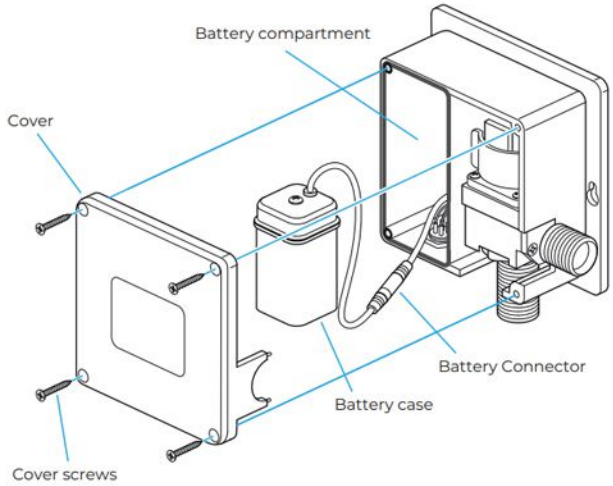
1. Remove Control Box Cover
Remove all four screws in each corner of the control box and remove the cover.



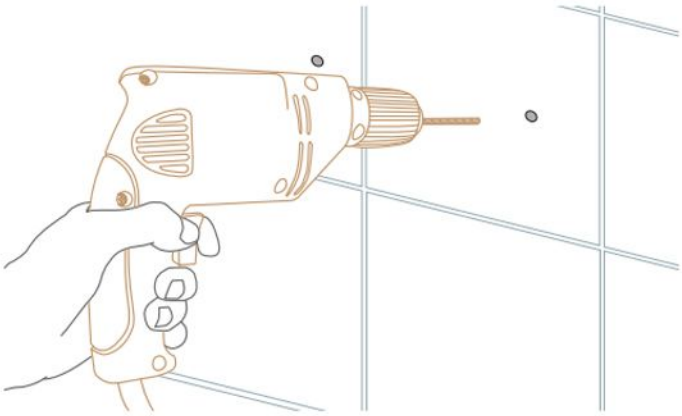
2. Remove Battery Box & Insert Batteries
Remove the battery case from the control box and remove the screw from the center of the battery case. Insert 4 AA batteries (batteries not included) into the battery box ensuring they are inserted the correct way.

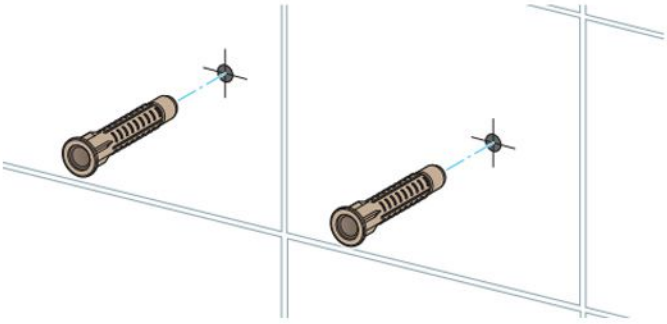


3. Reinstall Battery Box & Control Box Cover
Re-install the battery box cover, matching the alignment arrows together. Set the battery box back into the control box, and re-assemble the control box cover using the previously removed screws ensuring they are all fully tightened.

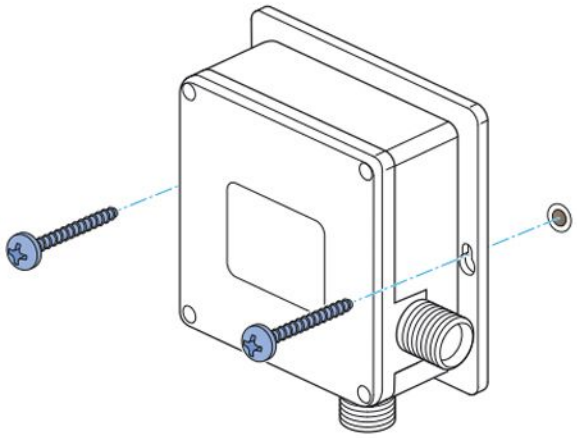


4a. Placement and Mounting Installation
Choose a location under the sink basin to mount the control box, such that the sensor cable, flexible hose, and incoming water supply all connect to the control box. Under the sink basin, drill a hole minimum 3/4" to fit the sensor cable and flexible hose from the spout. Feed the sensor cable and flexible hose through the hole.

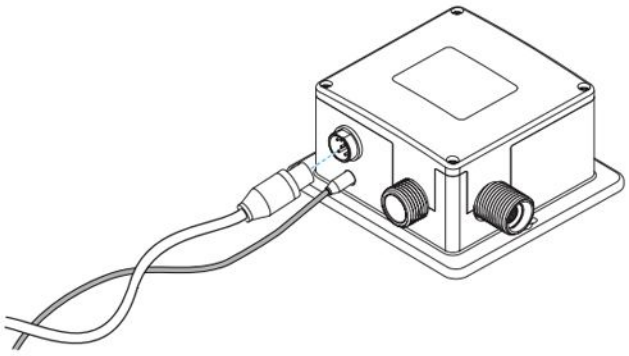




4b. Mount the control box on the wall. Drill two 1/8" (3mm) holes as shown, and push drywall anchors into each hole. Secure the control box to the wall with the drywall screws.

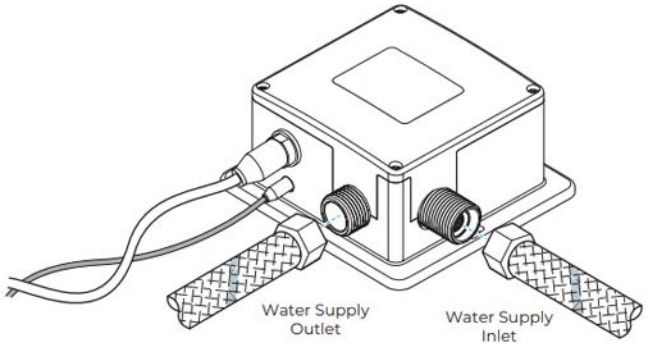


5. Connect The Sensor Cable
Plug the sensor cable from the faucet into the control box to activate the infrared sensor.

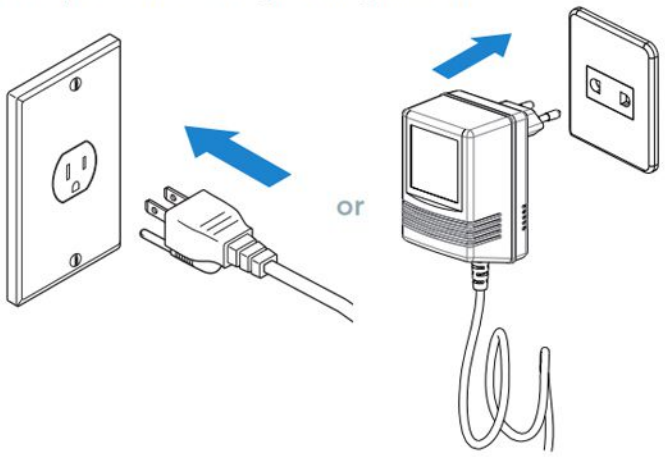


6. Water Pipe Connections
Connect the incoming water supply line to the control box, at the connection marked Inlet. Thread on the swivel nut to the hose by hand. Tighten with a wrench.

Connect the faucet hose to the control box, at the connection marked Outlet.



Please wait approximately 60 seconds after connecting the sensor cable for sensor calibration to complete and to begin using the faucet.

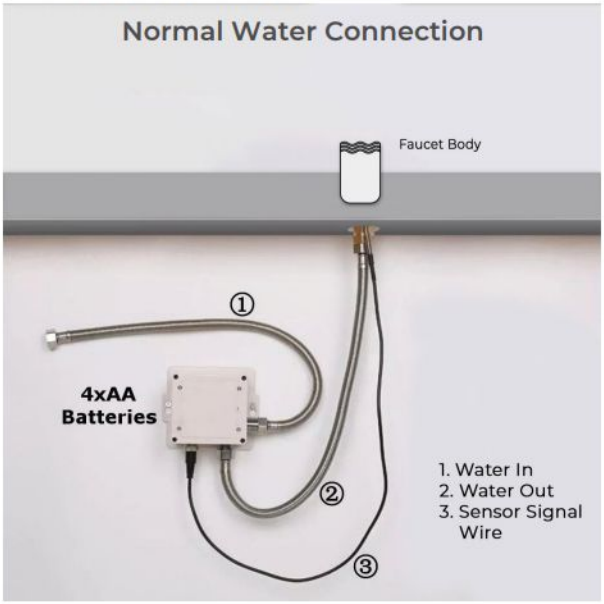


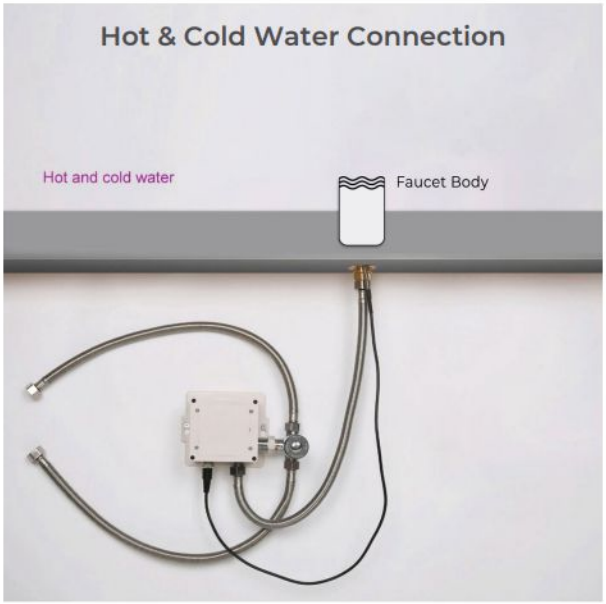
Temp. Control Thermostatic Mixer

Many automatic faucets do not have hot & cold handles to adjust the water temperature coming out of the spout, and normally installed to a single water supply only. This valve is used for automatic faucet to mix hot and cold water and to control water temperature. Normally it would be mounted under the sink with required temperature set.

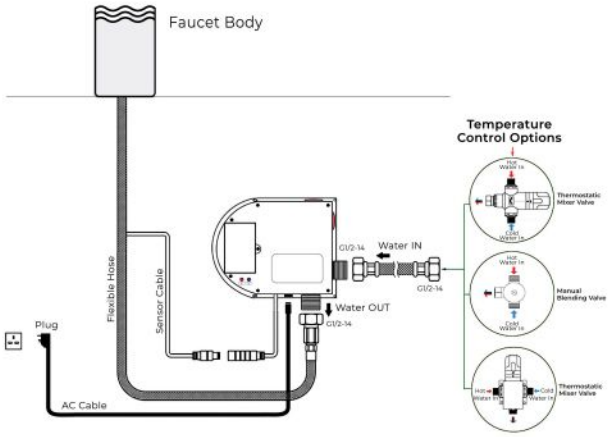
Working Pressure: 0.05MPa-0.5MPa
Cold Water Temp: 0°C
Hot Water Temp: 85°C
Outlet Flow Rate: 20m³/h

Battery (DC 6V) Only Control Box





Battery (DC 6V) & AC 220V Control Box



1. Screw the hose into the corresponding screw-hole of the faucet body. Fix the O-ring into the bottom groove of the faucet body.

2. Insert hose, threaded pipe, and sensor cable through the drilled hole of the countertop. Put rubber washer and metal washer onto the threaded pipe, screwing in mounting nut. Adjust the faucet body correctly and tighten the mounting nut with screws.

3. Install the control box to the faucet.

4. Then connect the battery cable to the control box.

5. Make Connections to water supplies. Turn on the water supply and flush water lines into a container for one minute.
Important: This flushes away any debris that could cause damage to faucet internal parts.

6. Connect waterlines to angle stops. Turn on the angle stops and check for leaks (DO NOT TURN FAUCET ON).

7. Turn the faucet on for 1 minute to flush any debris.

Battery Override

In the event of a power failure, the sensor faucet will automatically switch to battery-operated mode to ensure the faucet continues to function. The sensor faucet can also operate on the battery alone if no main power source is available.

Set Water Flow Time-Out

The sensor faucet will shut off the water when washing time exceeds 1.5 minutes. If follow-up washing is needed, re-induce after removing hands for 2 seconds.

Notes

1. Please use the AA type alkaline battery (1.5v for each).

2. Place batteries into each indicated spot. Utilizing new batteries of the same brand is best. If mixed, it could shorten the battery life to 1-2 months.

3. After installation of the battery, the solenoid valve will do its self-testing.

4. Wait ten seconds for power to be applied and allow the sensor faucet to self-adjust sensor distance. Do not use your faucet during this time.

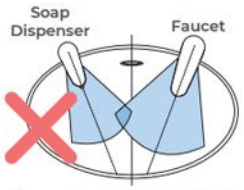
5. If the sensor distance is too short, please move the barrier from the faucet for 5-6 mins and allow the sensor faucet to adjust to normal.

6. If the sensor distance is too far, and water flows continuously, the sensor faucet will self-adjust the distance after 5 mins.

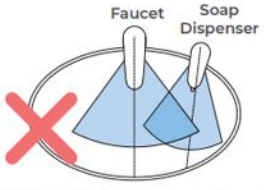
Sensor Range

This sensor faucet can automatically adjust the inductive range within 10 seconds of electrification. Do not use inductor during this period so that the inductor can automatically adjust to a suitable inductive range.

Incorrect Placement

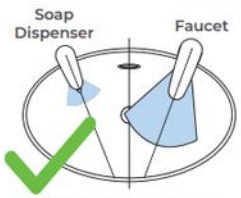


Keep sensor range adjustment within 4 inches away from center of spout. This can only be done with optional remote control.

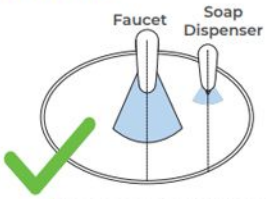


Installing electronic soap dispenser & faucet with intersecting centerline might lead to accidental activation of either or both.

Correct Placement



Keep sensor ranges factory preset.



Keep soap spout & faucet centerline parallel.

General Information

Our sensor spouts have a non-touch control which uses infrared sensing technology to detect human presence. Once detected, the spout instantly dispenses water and automatically stops once the user moves their hands away to eliminate unnecessary water wastage, whilst creating a more hygienic washroom solution.

All products manufactured and supplied by Fontana are safe and comply to legislative requirements. Providing they are installed correctly and receive regular maintenance in accordance with these instructions your user experience will not be affected.

Hygienic

The proximity sensor faucet removes the need to touch the faucet body, reducing the spread of germs and the chance of cross-contamination.

FONTANA LUNA GOOSE NECK MATTE BLACK FINISH FREESTANDING DUAL AUTOMATIC COMMERCIAL SOAP DISPENSER

PRIOR TO INSTALLATION

Please read installation instructions below. All plumbing should be installed in accordance with applicable building codes and regulations.

Unpack and inspect the items for any shipping damages. If you find damages, do not install.

All products must be installed by a professional and certified plumber otherwise warranty may be voided.

POSSIBLE TOOLS REQUIRED*


Plumbers Tape


Tape Measure


Level


Adjustable Wrench


Hex Wrench


Thread Sealant


Drill

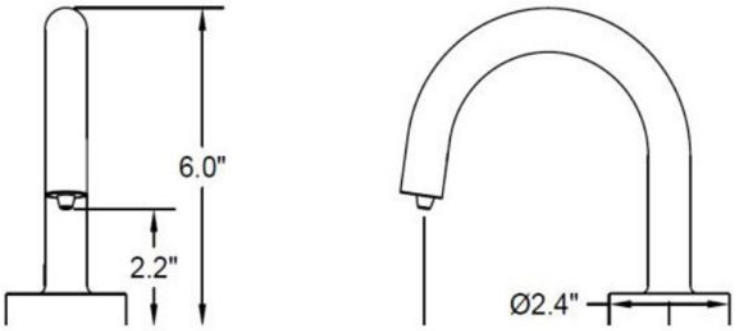

Pencil or Marker


Screwdriver

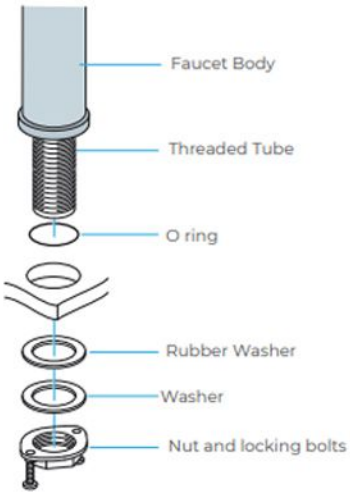
*not included

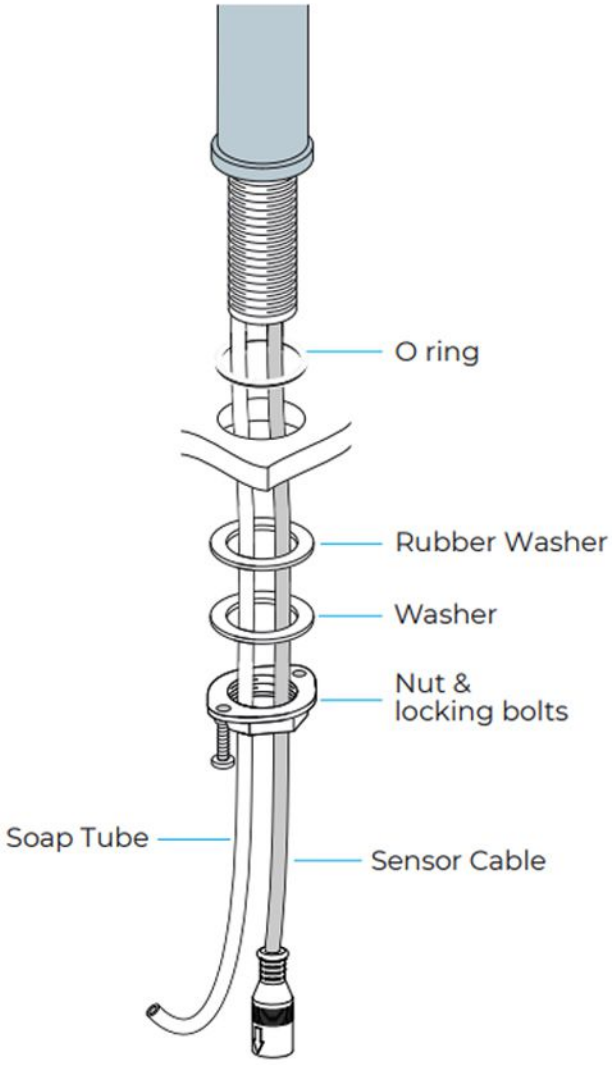
Specification

Model Number: FS2224
Feature: Automatic Foam Soap Dispenser
Main Material: Metal/Stainless Steel
Metal Dispenser Finish: Brass
Dispenser Type: Automatic
Material: Brass
Function: Soap Dispenser
Usage: Household
Finish: Matte Black
Type: Hand Soap Dispenser
Application: Hand Washing
Installation: Deck Mounted
Usage: Commercial Use

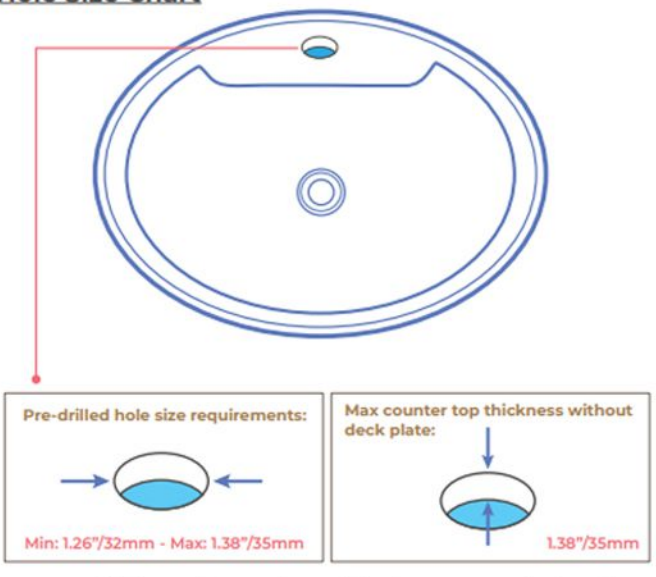


Deck Mount Installation



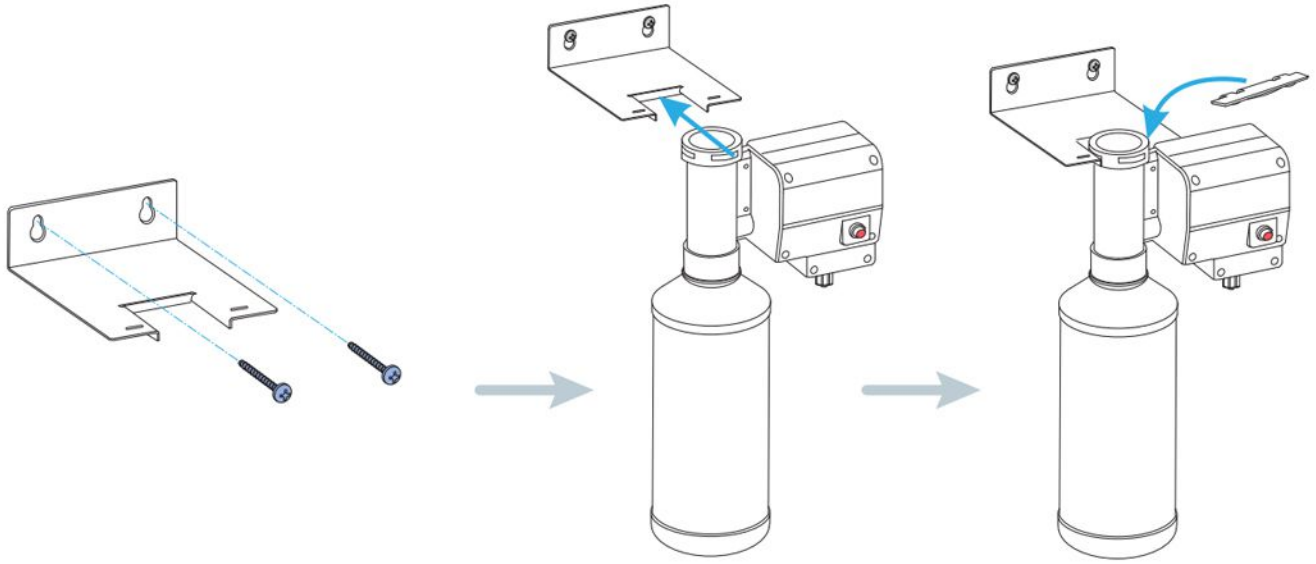


Hole Size Chart



All dimensions and specifications are nominal and may vary. Use actual products for accuracy in critical situations.

Installation Method

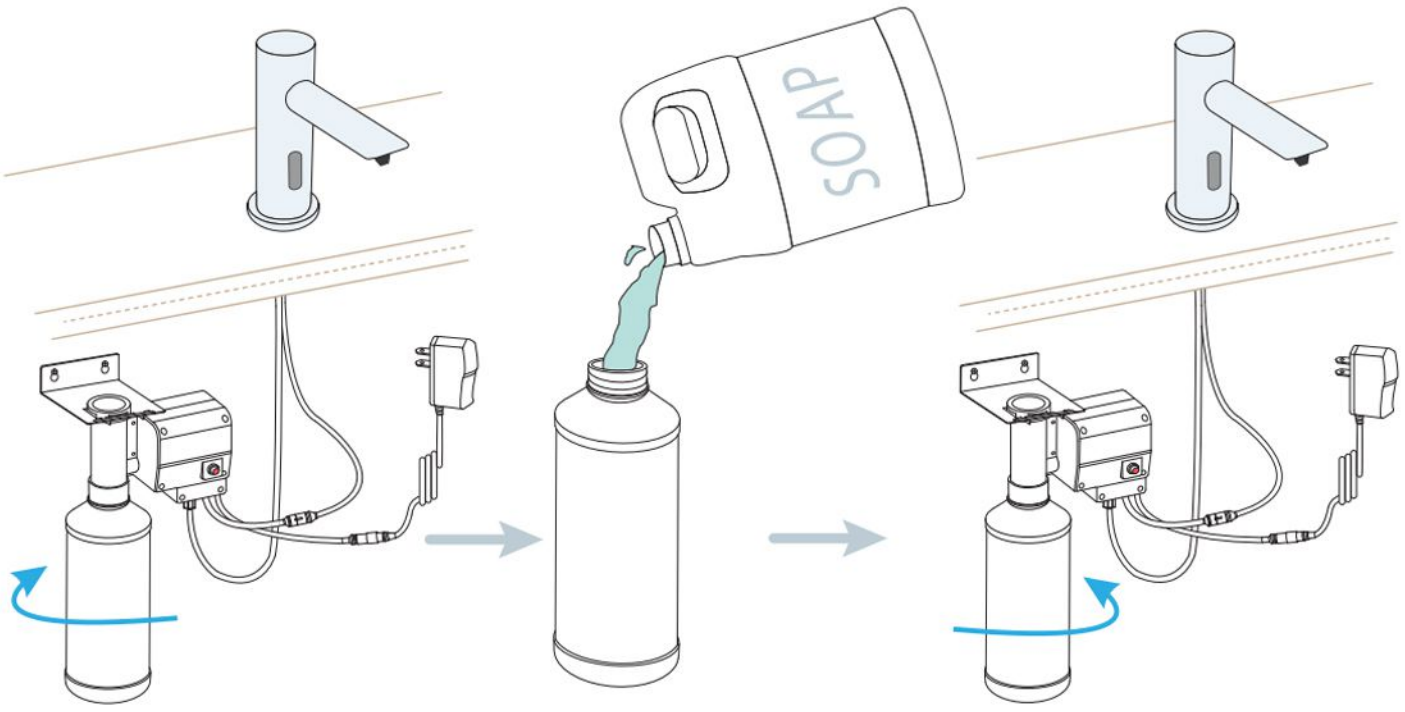


Install the bracket on the wall

Insert the pump onto the bracket

Insert the locking plate into bracket

Soap Refill Process

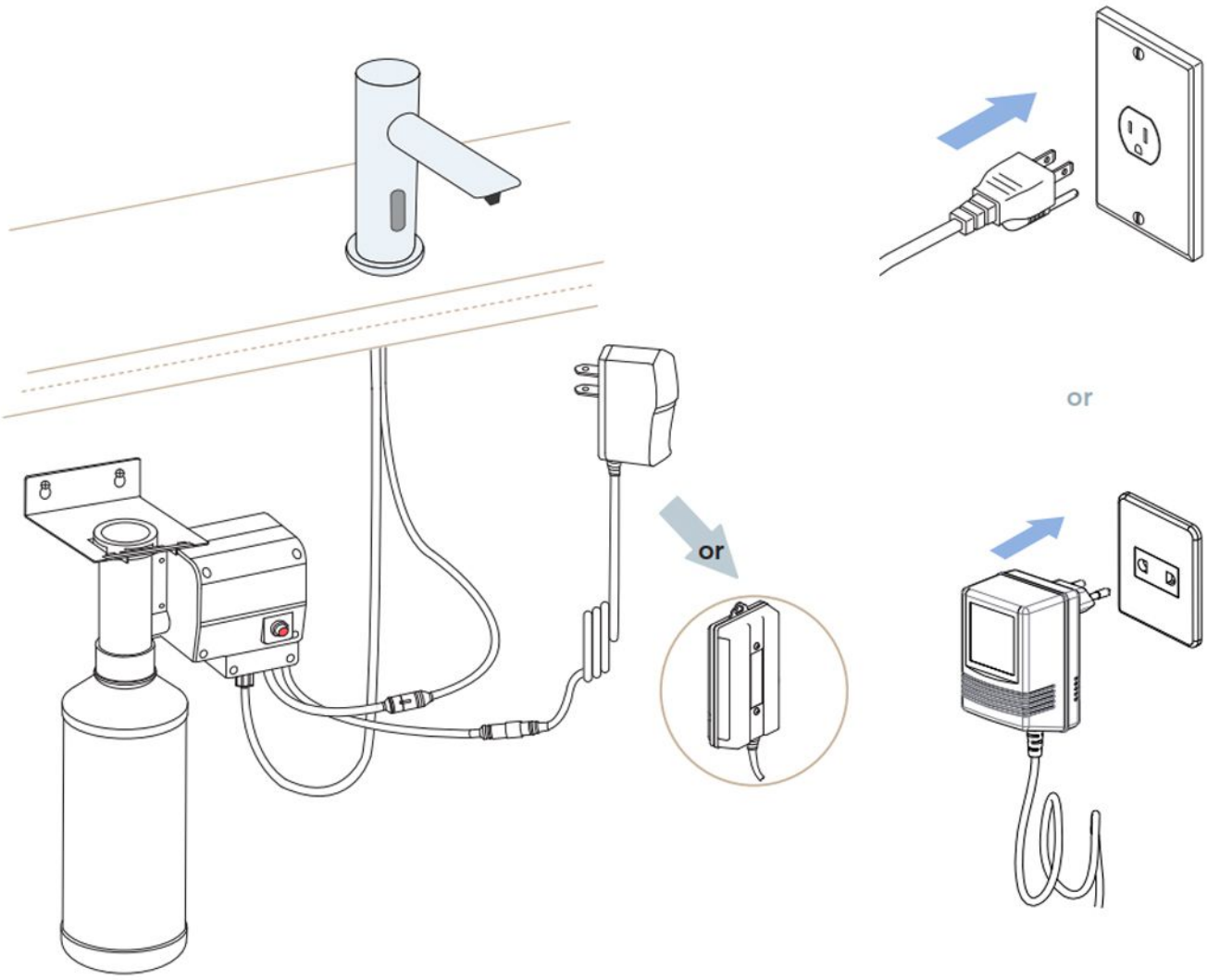


Unscrew the empty bottle.

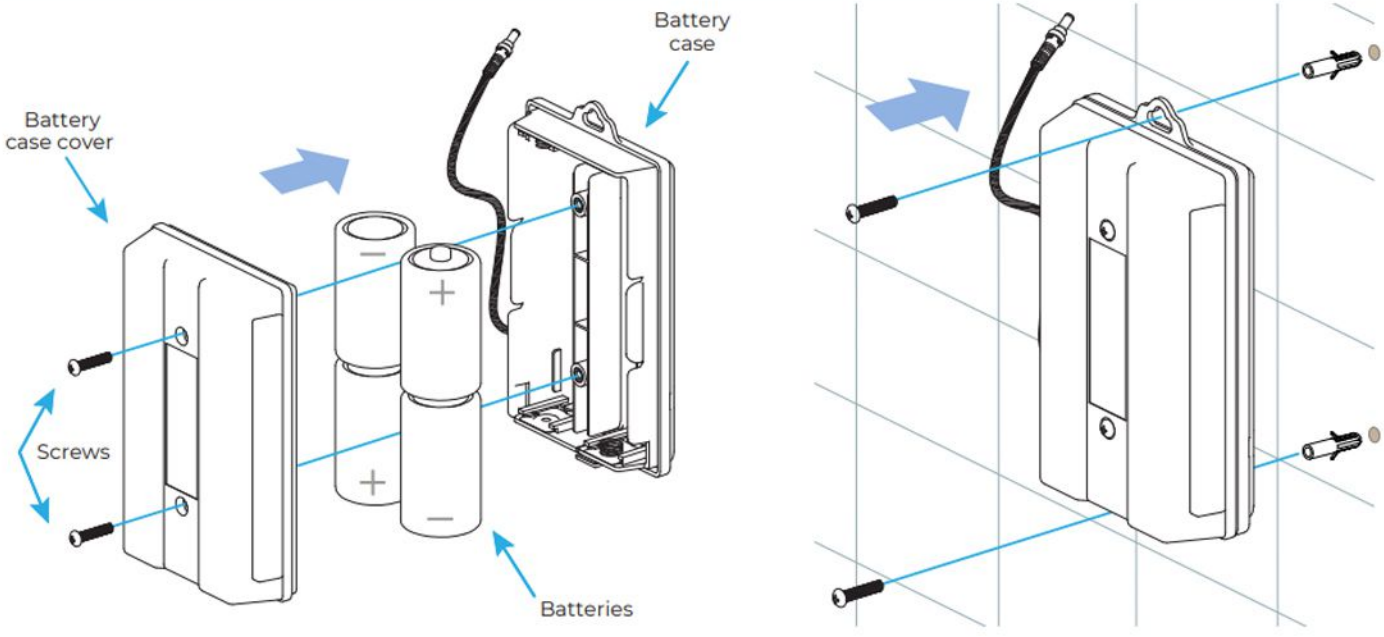
Add soap into the empty bottle.

Affix the bottle with full soap onto the pump, and do not over tighten.

Deck Mounted Faucet



Battery Box



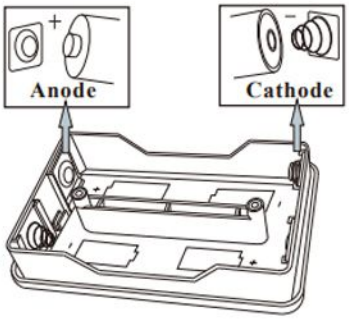
1. Remove cover of battery case.

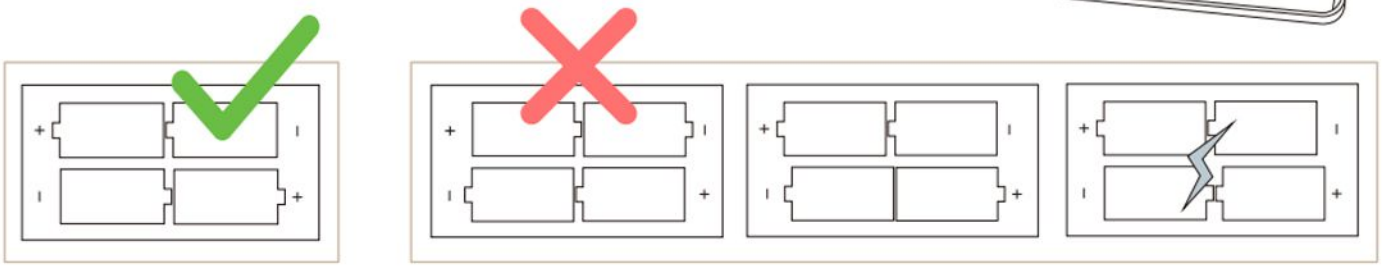
2. Install four (4) D size alkaline batteries.
Note: Make sure the batteries are installed in correct orientation (polarity).

3. Replace battery case cover.

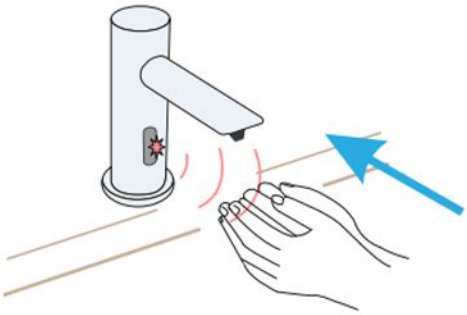
4. Tighten screws.

- The standard life cycle time is 2 years, based on average use 2000 times/month.



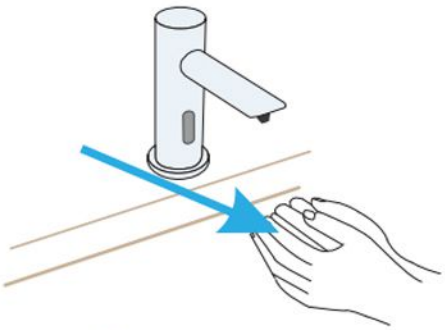


Usage



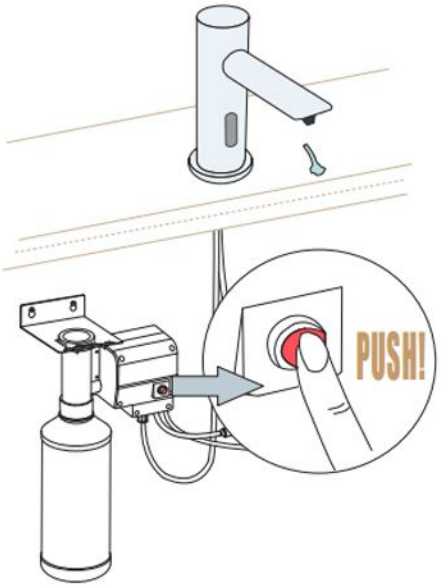
Place hands immediately under soap spout.

Predetermined amount of soap will dispense

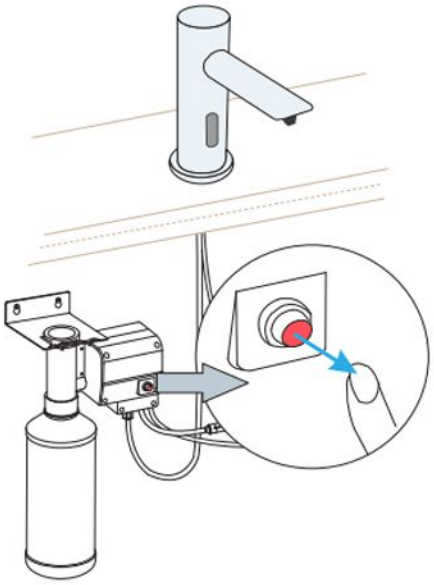


If more soap is needed, remove hands & repeat.

Usage of Button



When the soap bottle is filled with soap, press the button till soap dispenses out of nozzle.



Do not use the sensor when the button is pressed, because they cannot be used at the same time, as it might lead to the damage to the machine.

Commissioning Sequence

Before using the soap dispenser for the first time the following sequence must be carried out.
Fill the bottle full of soap.
Locate the dispense button on the side of the pump. Press and hold the button until soap is dispensed from the spout. This will ensure the dispenser tube and cable are full of soap.

Operation

Place the hands under the spout within the sensing range.
Once the users' hands have been detected a small amount of soap will be dispensed from the spout into the users' hands.

General Information

Our sensor soap dispensers have a non-touch control which uses infrared sensing technology to detect human presence. Once detected, the spout instantly dispenses soap and automatically stops once the user moves their hands away to eliminate unnecessary wastage, whilst creating a more hygienic washroom solution.

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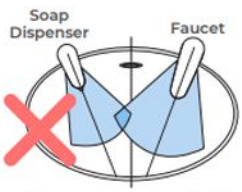
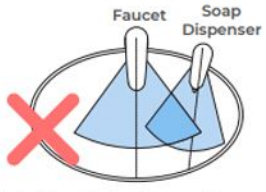
Sensor Faucet & Soap Dispneser Installation

Incorrect Installation

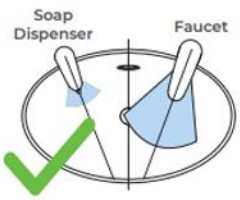


Keep sensor range adjustment within 4 inches away from center of spout. This can only be done with optional remote control.

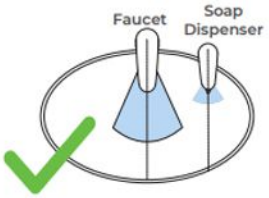


Installing electronic soap dispenser & faucet with intersecting centerline might lead to accidental activation of either or both.

Correct Installation



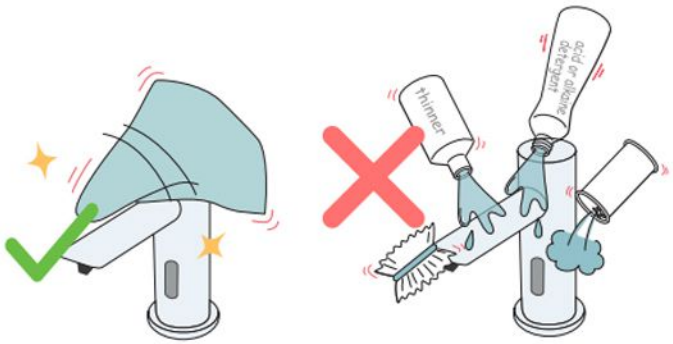
Keep sensor ranges factory preset.



Keep soap spout & faucet centerlin parallel.

Care & Cleaning

- Wipe away any debris adhering to the spout or sensor.
- Wipe away debris with a damp cloth containing a suitable amount of a neutral, dishwashing detergent. Then wipe clean with a damp cloth.
- When cleaning around the sensor, please be careful not to scratch the surface of the sensor window.
- Do not use detergent that might damage the surface of spout. These include:
- Detergents containing acid, chlorine bleach or alkali.
- Detergents that are coarse granules in nature, such as polishing powder.
- Solvents such as paint thinner or benzene.
- Abrasive aids such as nylon scrubbers/brushes, steel wool, etc.



Hygienic

The proximity sensor removes the need to touch the spout body, reducing the spread of germs and reducing the chance of cross infection.