

FONTANA DUO COMMERCIAL HANDS FREE AUTO TAP AUTO SOAP DISPENSER SENSOR FAUCET SET IN CHROME INSTALLATION INSTRUCTIONS



BEFORE YOU BEGIN

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

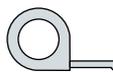
Unpack and inspect the items for any shipping damages. If you find damages, do not install.

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

Installation: Deck mounted

Power Supply Options:

- IP67 Dual power input box with a 9V battery (battery not included)
- IP67 Dual power input box with a 9V transformer

Operating pressure: 0.5 - 8.0 bar (7 - 116 PSI).
With a pressure over 8 bar, use a pressure reducing valve.

Minimum Sensor Range: 30 mm / 1.18"

Maximum Sensor Range: 120 mm / 4.72"

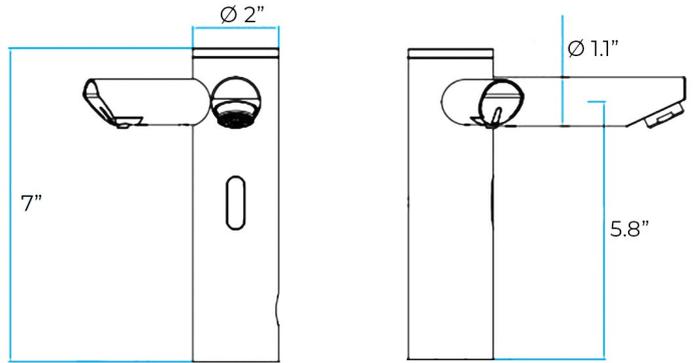
Water supply: Cold or premixed water

Water-Saving options: 4 LPM / 1.0 GPM - PCA spray

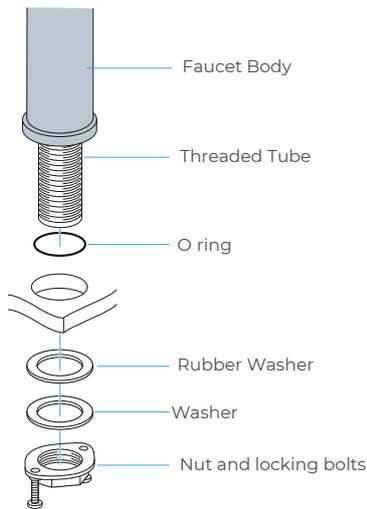
Water temperature: 70°C Maximum

Security Time: Auto shutoff after 90 seconds

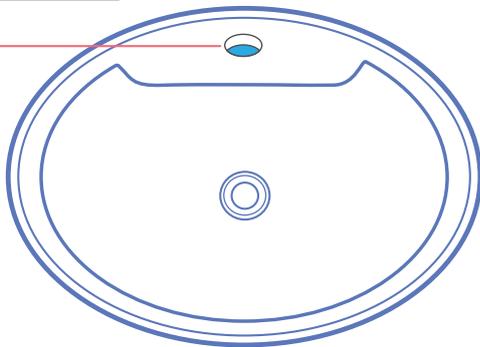
Faucet Size (In inches)



Faucet Deck Mount Installation



Hole Size Chart

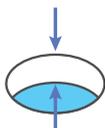


Pre-drilled hole size requirements:

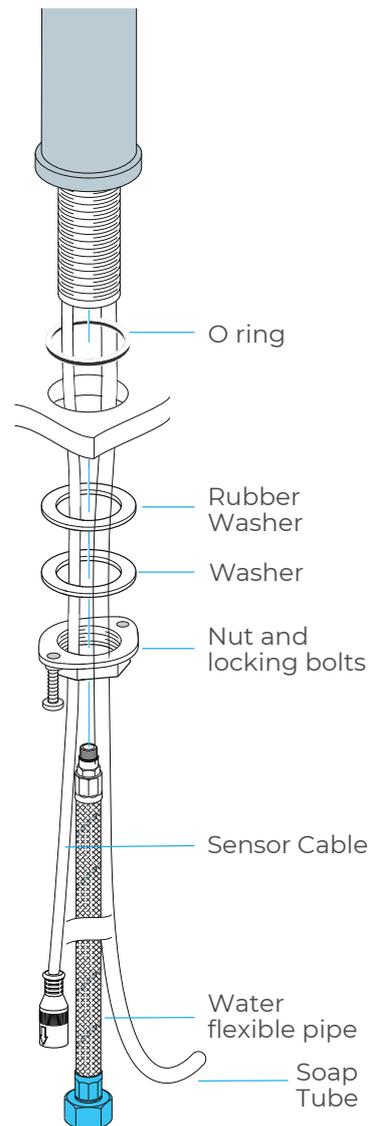


Min: 1.26"/32mm - Max: 1.38"/35mm

Max counter top thickness without deck plate:

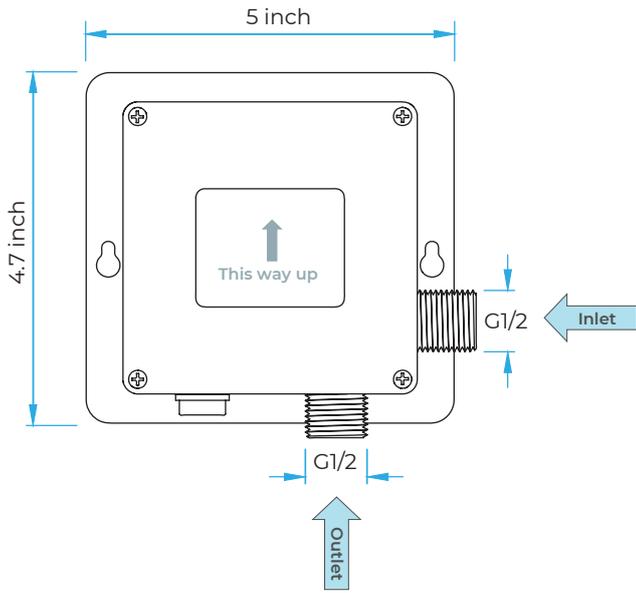


1.38"/35mm



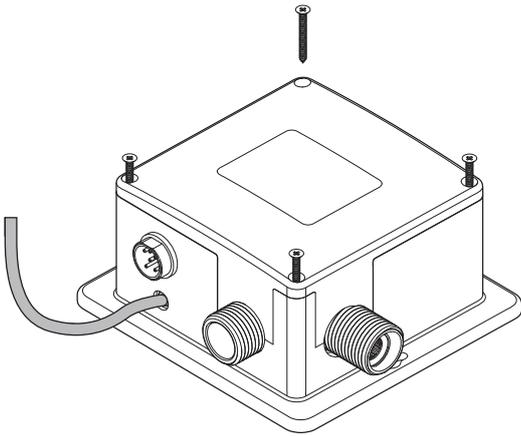
All dimensions and specifications are nominal and may vary. Use actual products for accuracy in critical situations.

Control Box Installation Instructions



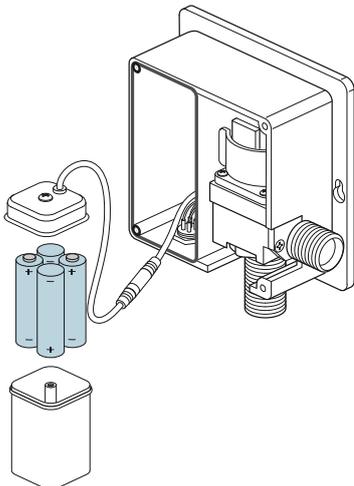
1. Remove Power Supply Box Cover

Remove all four screws in each corner of the power supply box and remove the cover.



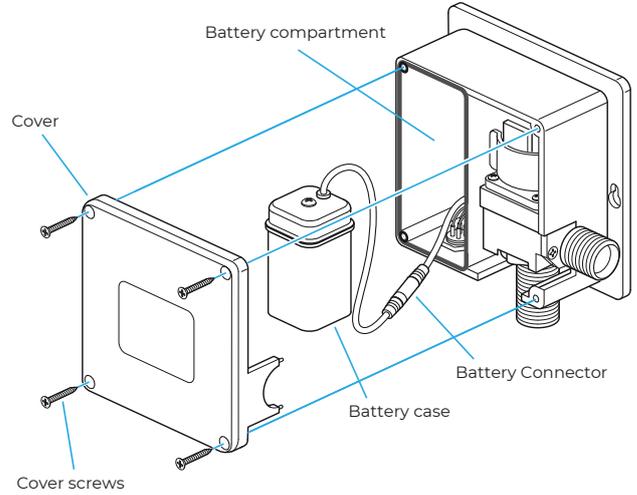
2. Remove Battery Box & Insert Batteries

Remove the battery case from the power supply box and remove the screw in the centre of the case. Insert 4 x AA batteries into the battery box ensuring they are inserted the correct way.

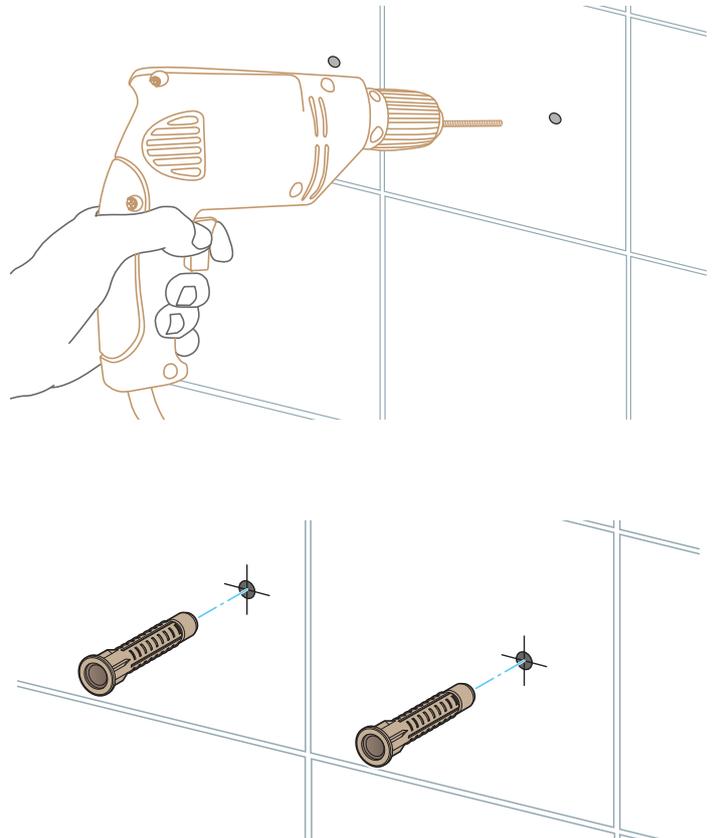


3. Reinstall Battery Box & Control Box Cover

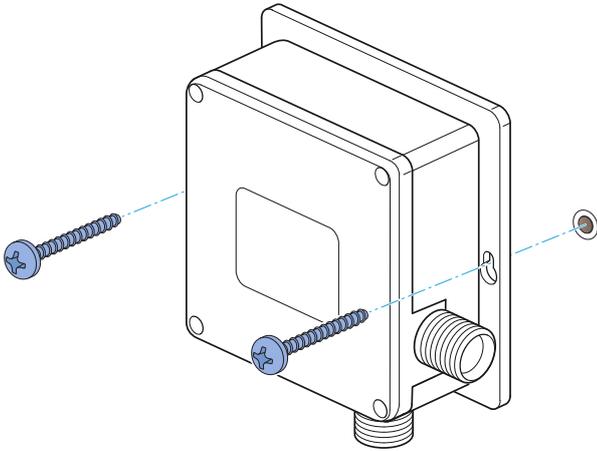
Re-install the battery box cover, matching the alignment arrows together. Set the battery box back into the control box, and re-install the control box cover using the previously removed screws ensuring they are all fully tightened.



4. 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.

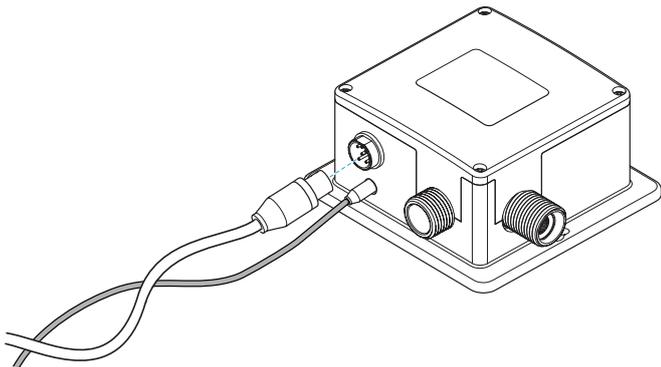


5. Mount the control box to the wall. Drill two 1/8" (3mm) holes as shown, and push drywall anchors into each hole. Secure the control box to the wall with the drywall screws.



6. Connect The Sensor Cable

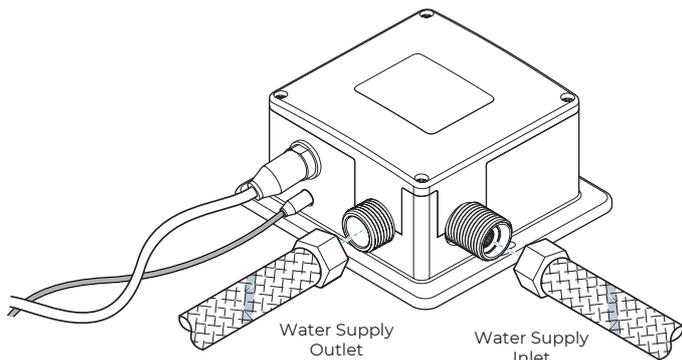
Plug the sensor cable from the spout into the power supply box to activate the infrared sensor.



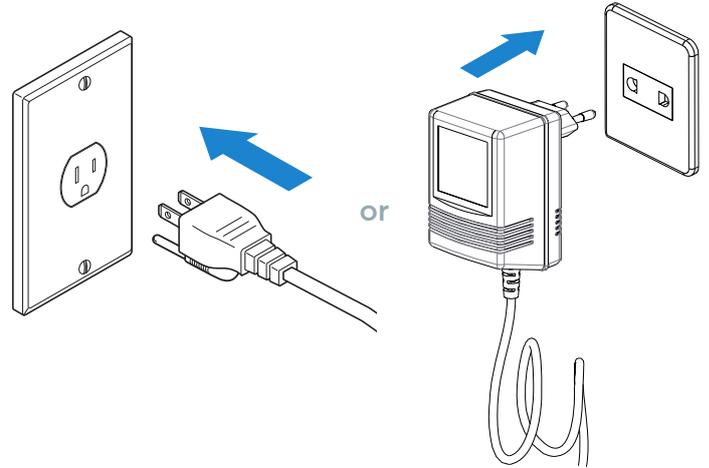
7. Water Pipe Connections

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.



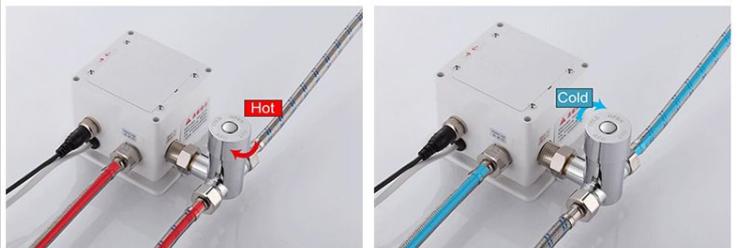
Please wait approximately 60 seconds after connecting the sensor cable for sensor calibration to complete and to begin using the faucet.

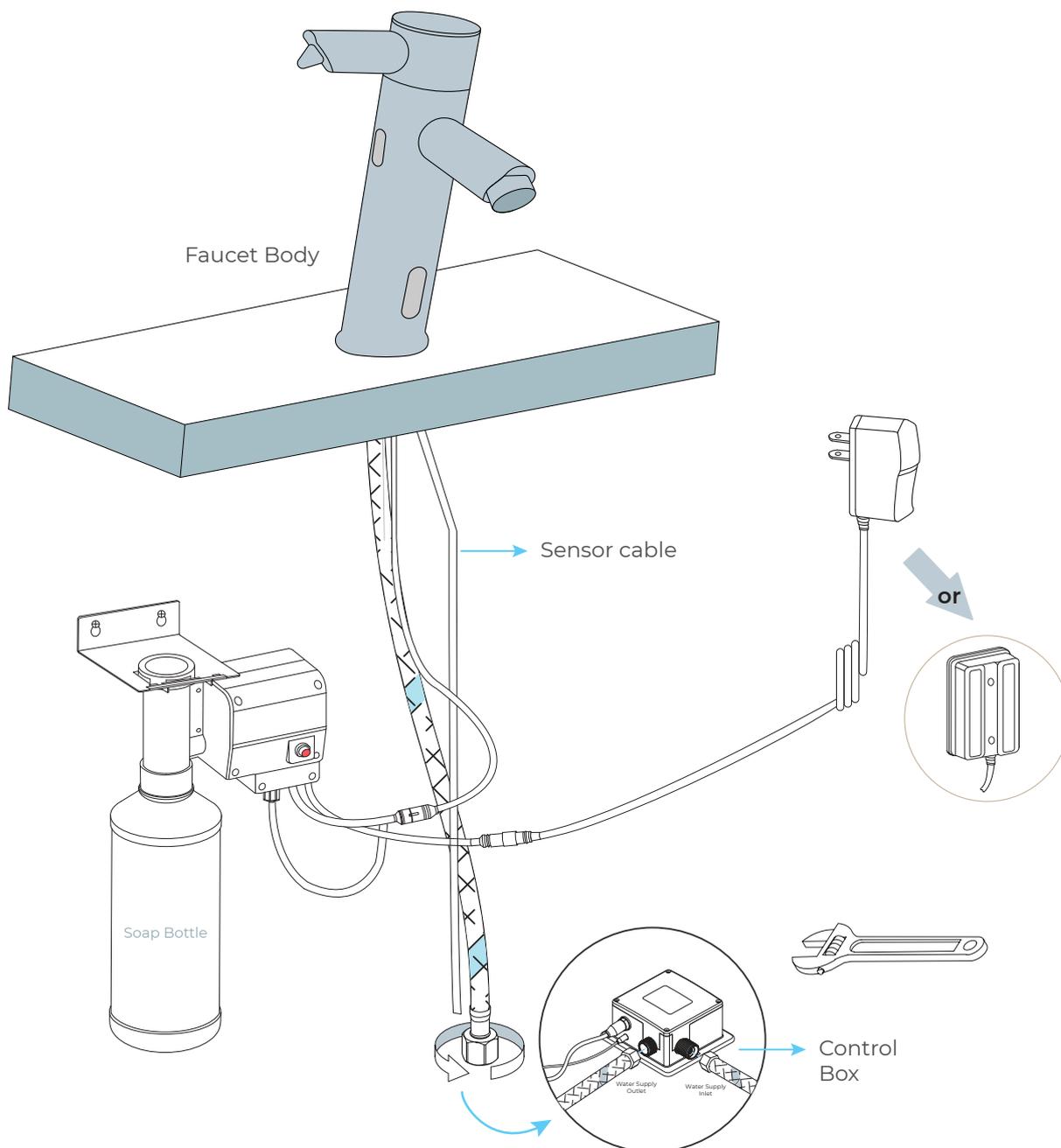


Temp. Control Thermostatic Mixer

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 a automatic faucet to mix hot and cold water, and to control water temperature.

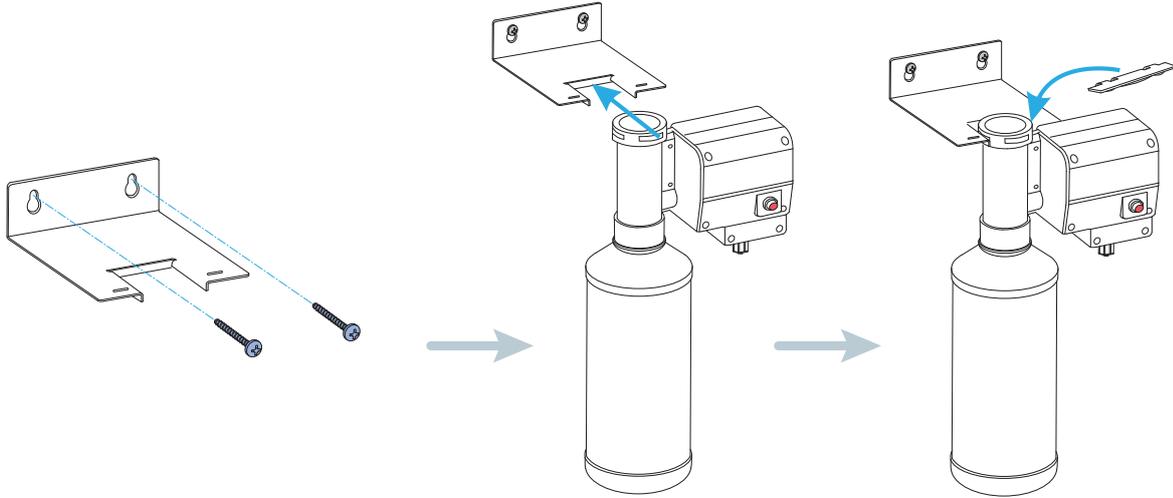
Working Pressure; 0.05MPa-0.5MPa
Cold Water Temp: 0°C
Hot Water Temp: 85°C
Outlet Flow Rate: 20m³/h





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 data 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 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.

Installation Method

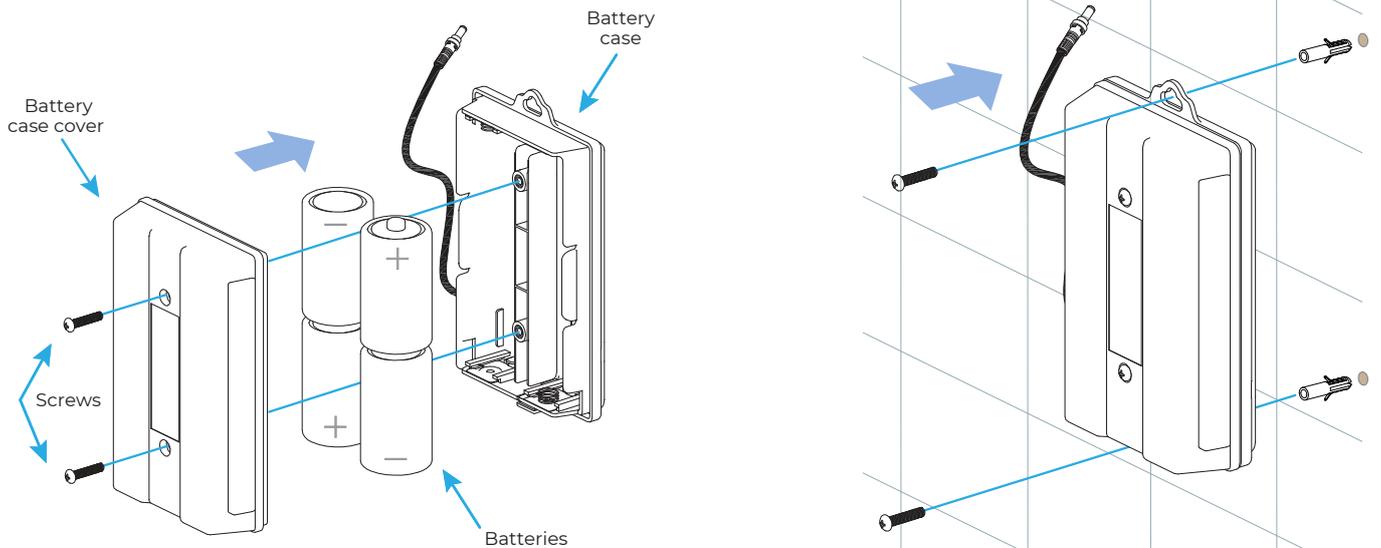


Install the bracket on the wall

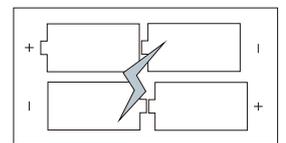
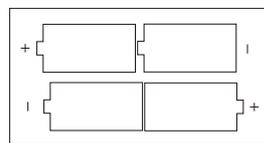
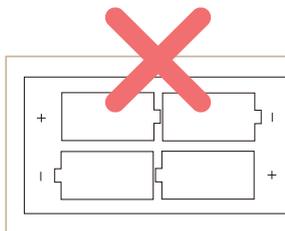
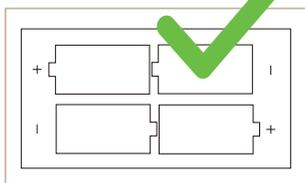
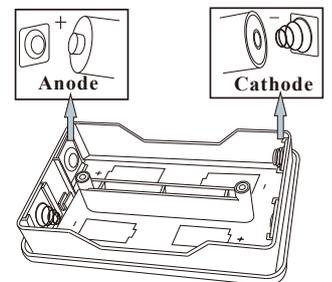
Insert the pump onto the bracket

Insert the locking plate into bracket

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.



Sensor Range

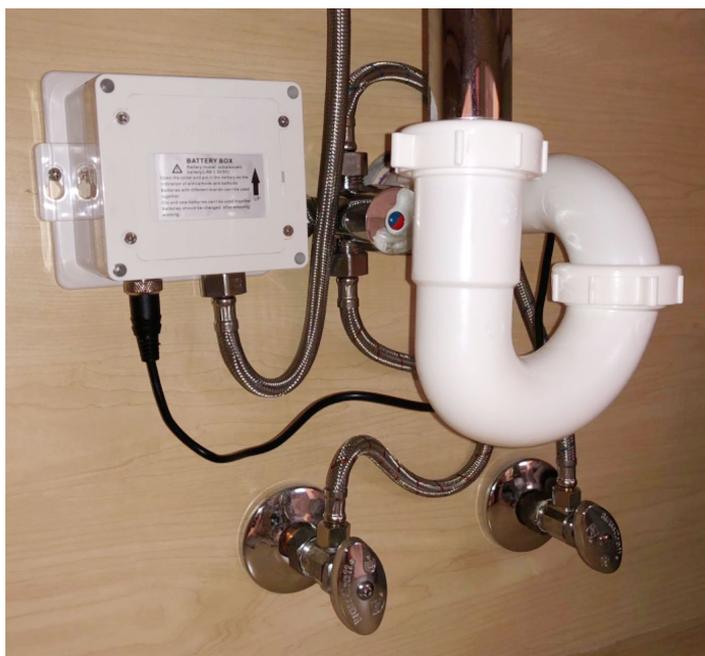
This machine can automatically adjust the inductive range within 10 seconds of electrification. Don't use inductor during this period in order for the inductor to automatically adjust to a suitable inductive range.

Set Water Flow Time-Out

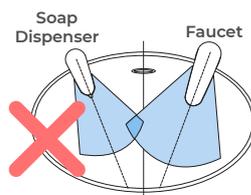
The machine will shut off the water when washing time exceeds 1.5 minutes foreign matter induces continuously in inductive areal. If follow-up washing is needed, re-induce after removing hands for 2 seconds.

Notes

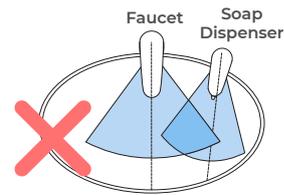
1. Please use the AA type alkaline battery (1.5v for each).
2. Fix the battery correctly. Should not be mix use the batteries with different brands, the new and old and if use non-alkaline battery, the battery life is short in 1-2 months.
3. After installation of the battery, the solenoid valve will do its self-testing.
4. After providing the power, in 10sec, the machine will self adjust the sensor distance, so during this period, do not make it work.
5. If the sensor distance is short, please move away the barrier for 5-6 mins, the machine will adjust to normal.
6. If the sensor distance from far to near, and water flows continuously, the machine will self-adjust the distance after 5 mins.



Incorrect Installation



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

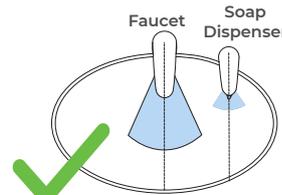


Installing electronic soap dispenser & faucet with intersecting centerline might lead to accidental activation of either or both.

Correct Installation



Keep sensor ranges factory preset.



Keep soap spout & faucet centerlin parallel.

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.

Battery Override

In the event of a power failure, the product will automatically switch to battery operated mode to ensure the spout continues to function. The tap can also operate on the battery alone if no mains power source is available.

Hygienic

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