BRAVAT CHROME FINISH COMMERCIAL AUTOMATIC ELECTRONIC SENSOR FAUCET INSTALLATION INSTRUCTIONS

BRAVAT
BY DIETSCHE 1873

BEFORE YOU BEGIN

Before you begin, please read the installation instructions below. Observe all local building and safety codes.
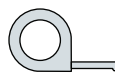
Unpack and inspect the items for any shipping damages. If you find damages, do not install.

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

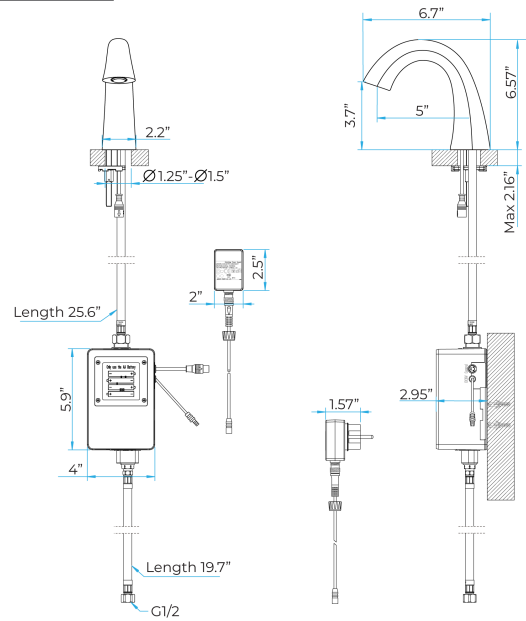| Thread Sealant	Drill	Pencil or Marker	Screwdriver

*not included
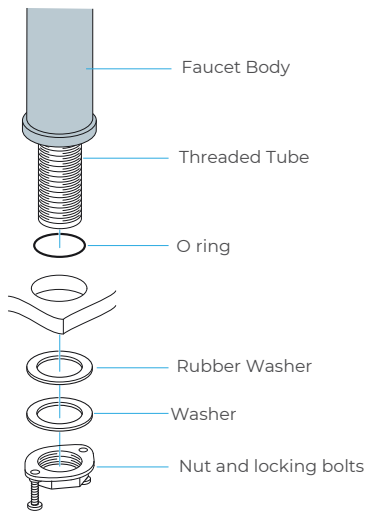
Technical Information

Power: DC:6V(4AA alkaline battery)
AC:220V-240V; 50/60HZ

Water Consumption: 0.05Mpa-0.6Mpa

Detection Zone: 16-32 cm or adjustable

Motor valve lifespan: up to 500000 flushes

Usage: Commercial / Residential

Static Power Consumption: 0.36mw

Working Power consumption: 0.5mw

Inductive Opening Time: < 1 second

Inductive Closing Time: < 2 second

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

Temperature: 0.1-50°/C

Water Pressure: 0.1 - 7.0 KGS/cm , 10 - 125 psi
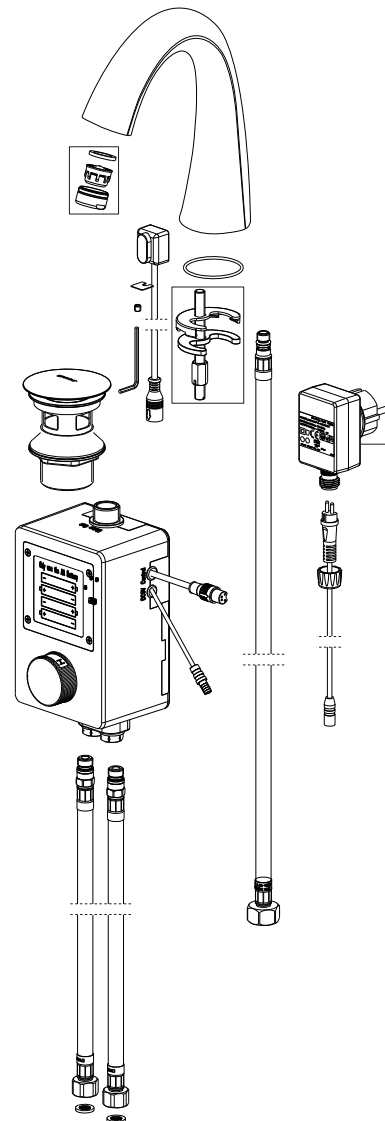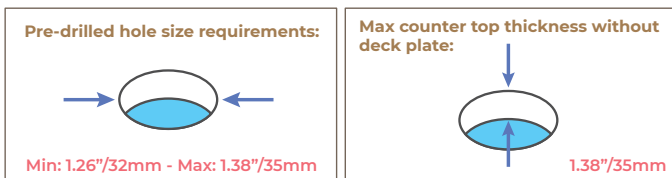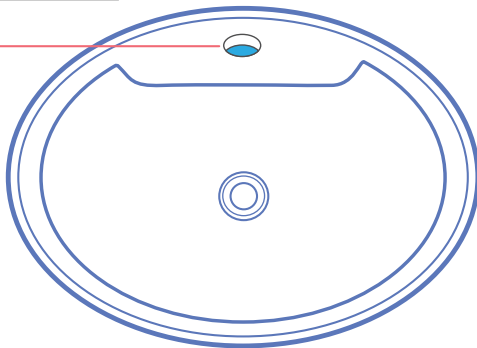
flow rate : 2 GPM (7.57 L/min)

Faucet Size

6.7"
6.57"
3.7"
5"
2.2"
Ø1.25"-Ø1.5"
Max 2.16"
2.5"
2"
Length 25.6"
5.9"
4"
1.57"
2.95"
Length 19.7"
G1/2

Faucet Deck Mount Installation

- Faucet Body
- Threaded Tube
- O ring
- Rubber Washer
- Washer
- Nut and locking bolts

Installation view

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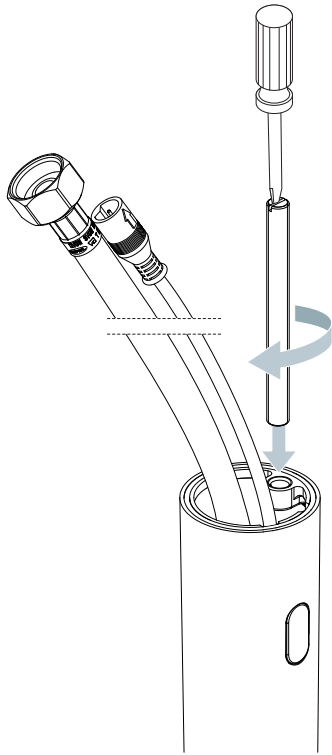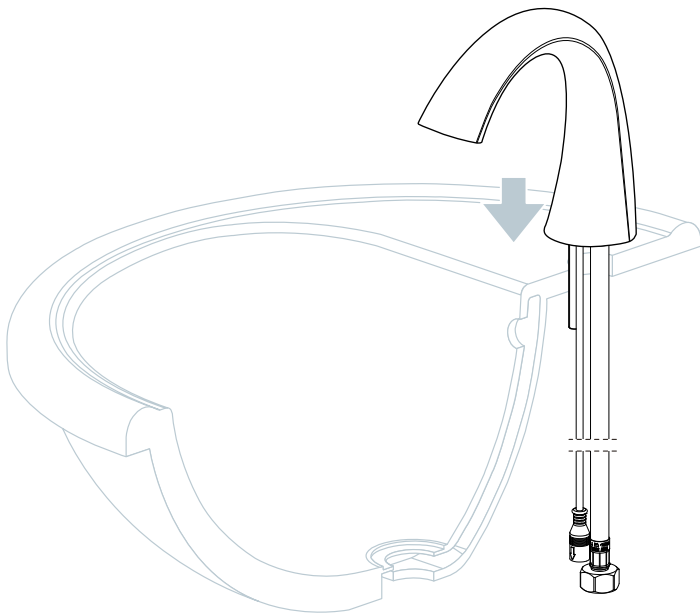
All dimensions and specifications are nominal and may vary. Use actual products for accuracy in critical situations.
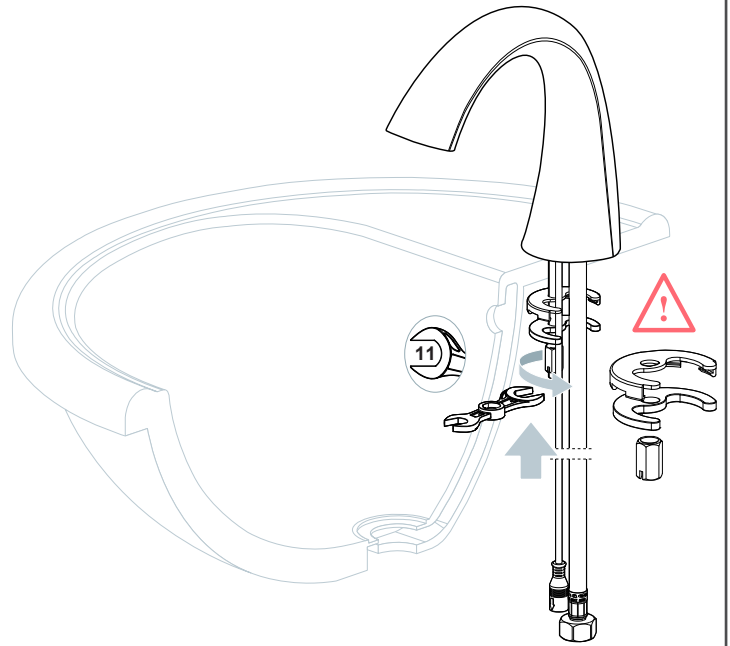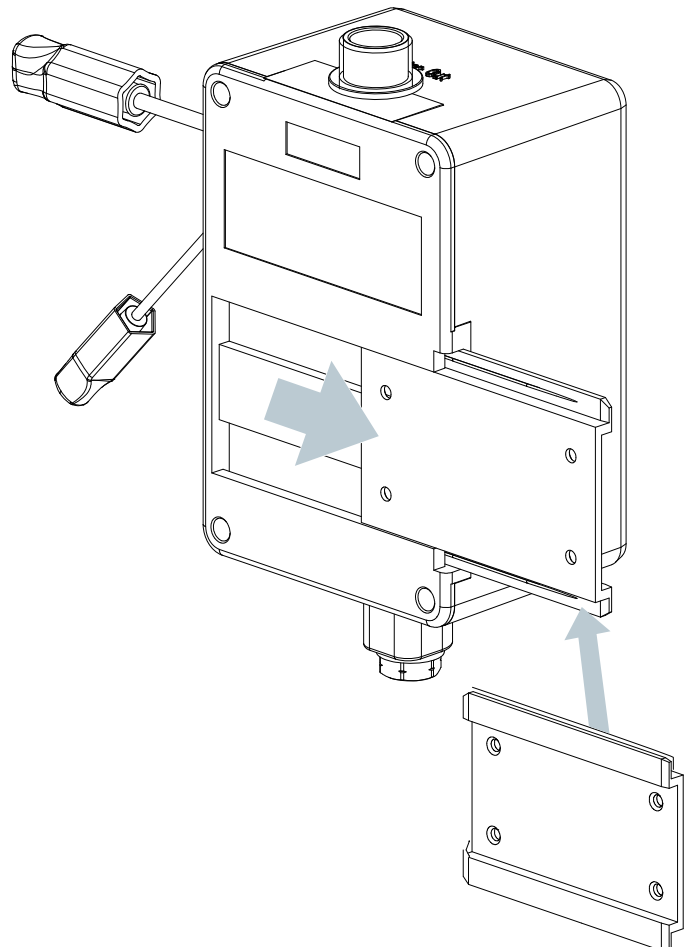
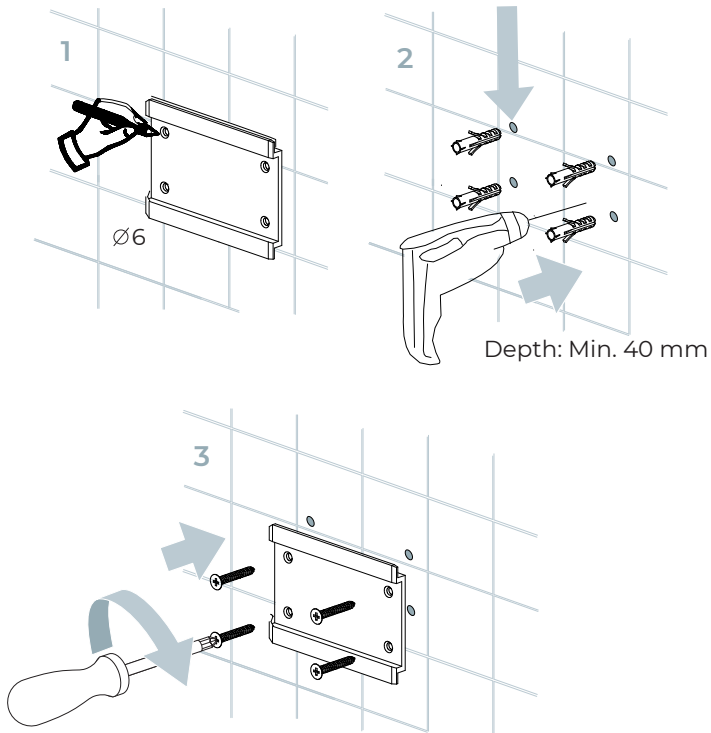## Installation Instructions

Step 2:

Step 3:

Step 4:

Step 5:

Step 6:

1

Ø6

2

Depth: Min. 40 mm

3

Step 7:

Water Outlet

Water Inlet
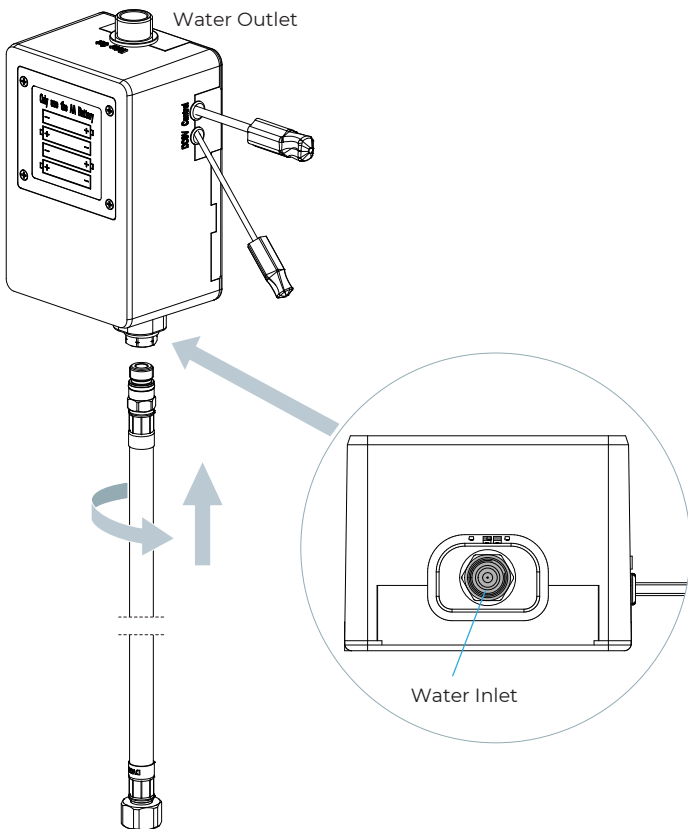
Step 8:
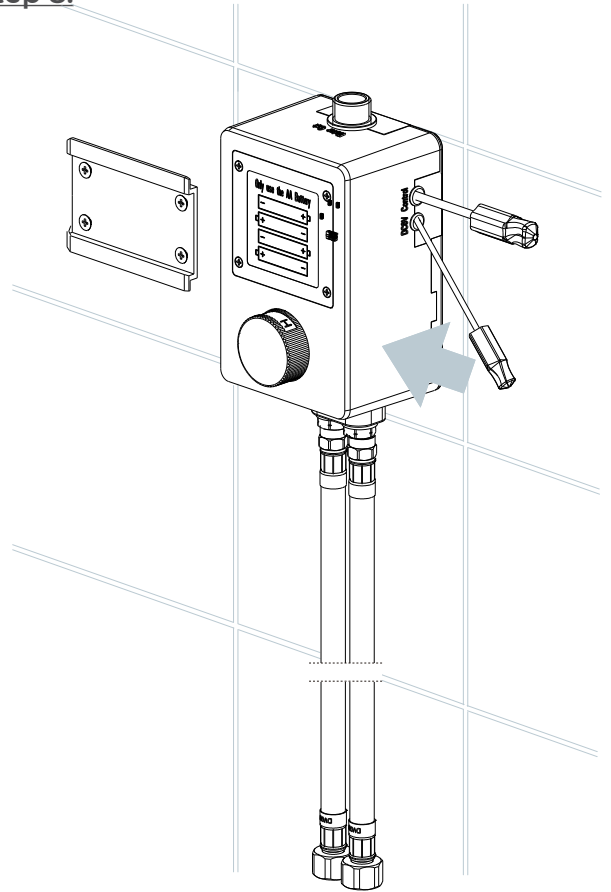
Step 9:

Step 10:

Step 11:

Water supply

19

Step 12:

4 x AA type

Step 13:

1

2
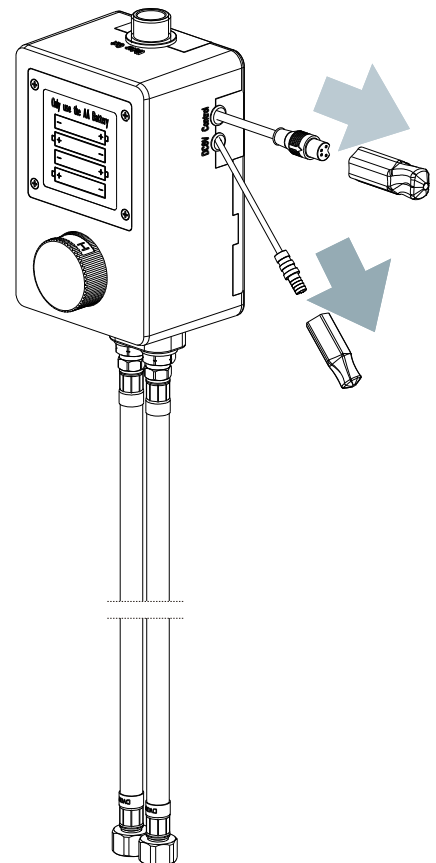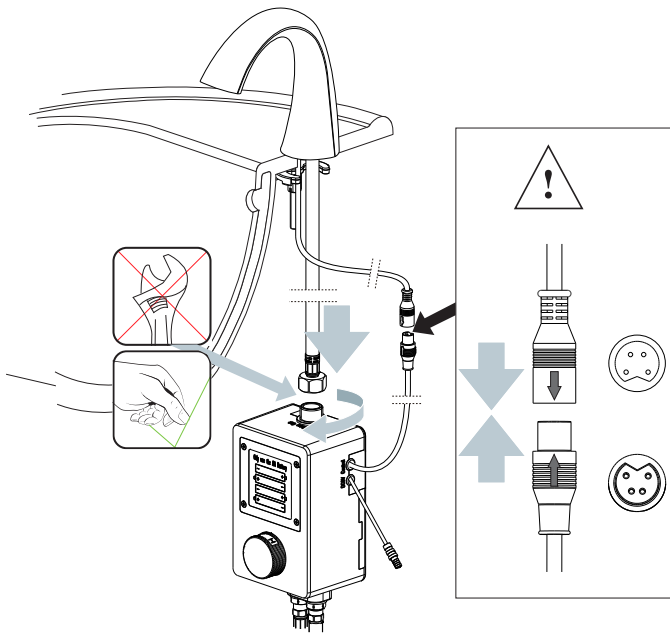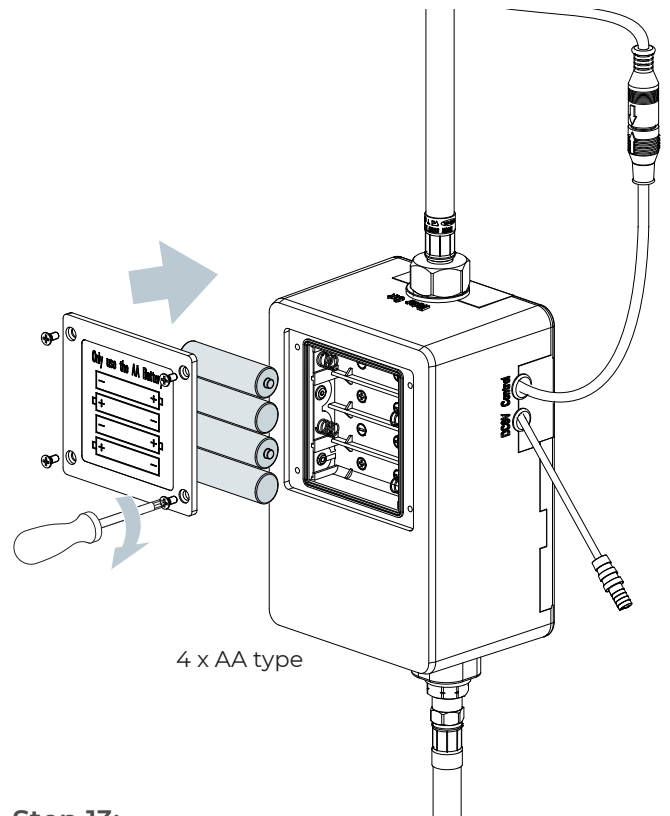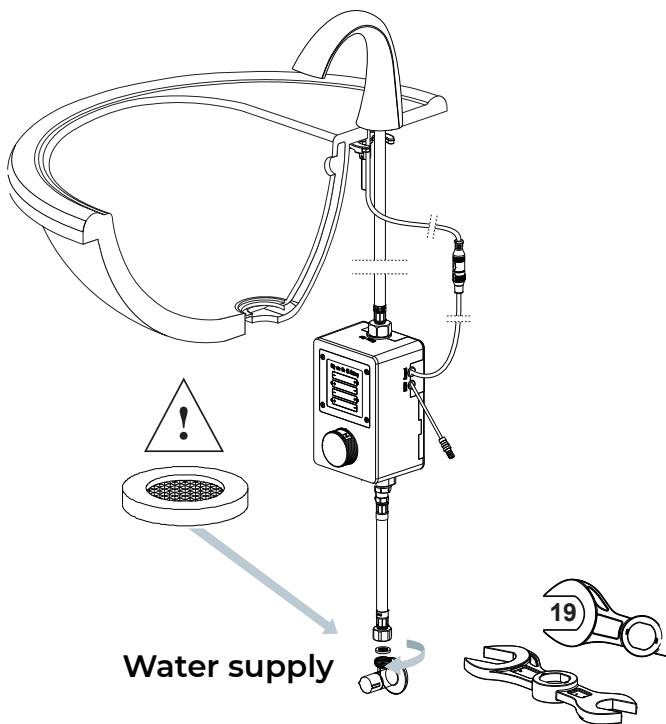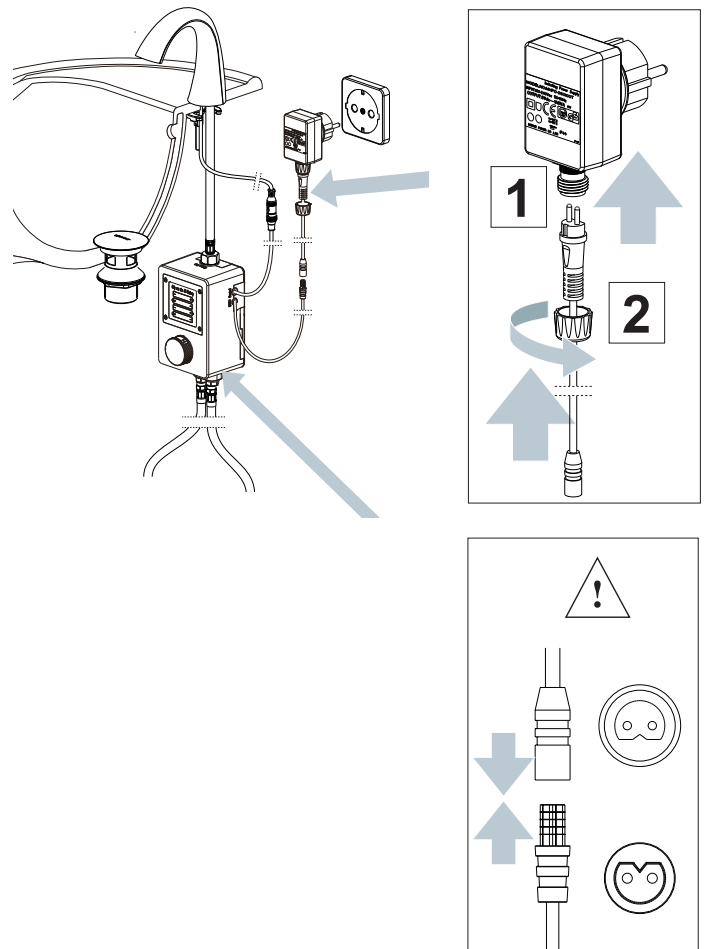
1. Screw the hose into the corresponding screw-hole of the faucet body. Fix the o-ring into the bottom groove of the faucet body.

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 wall and fix it with screws.

4. Add the rubber washer and screw supply elbow to the control box.

5. Add rubber washers and connect water pipelines. Then connect the hose to the water outlet and insert data cable into the control box and plugin.

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

7. Connect waterline to angle stop. Turn on the angle stop and check for leaks (DO NOT TURN FAUCET ON).

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

Flexible Connecting Hose
Care must be taken when connecting the flexible connection hose from the power supply box to the spout to ensure it does not bend sharply and kink or twist.
See above for recommended ways to fit the flexible connecting hose.
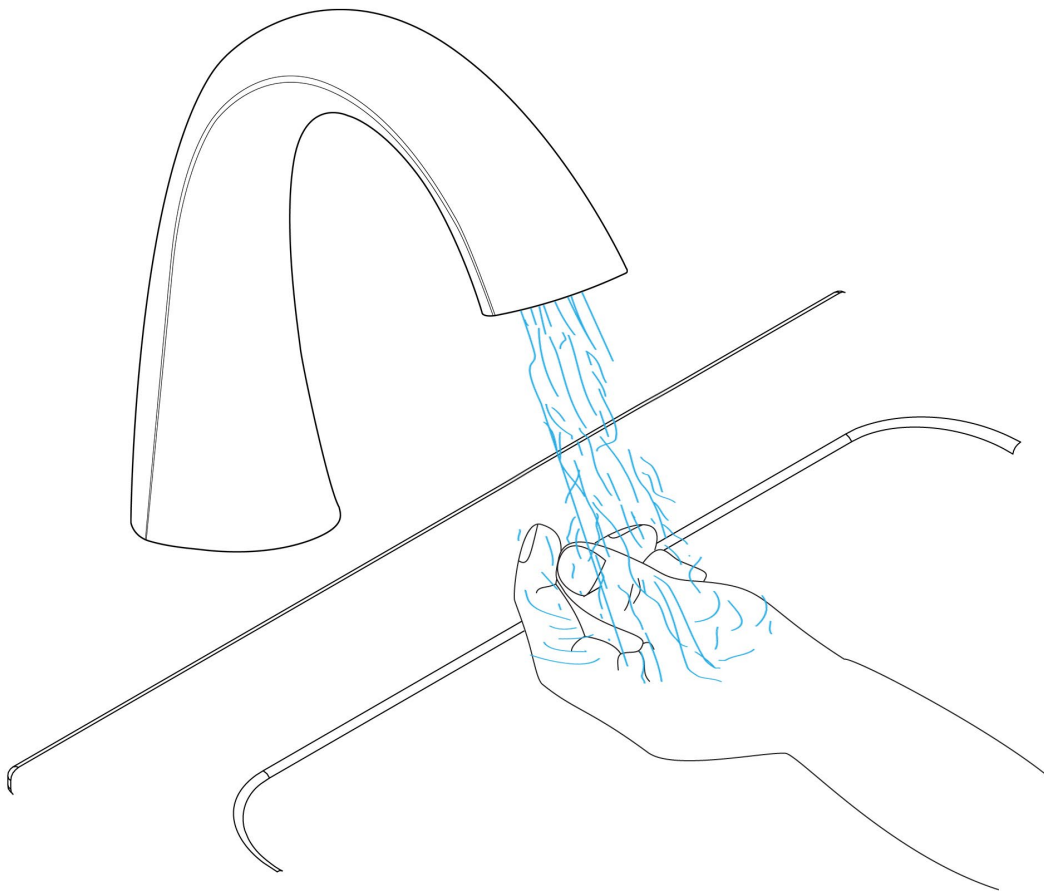
Sensor Range

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.
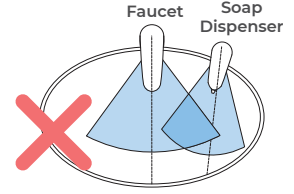
Correct way for Hose

Slight bend

Sweeping bend

Kink

Curved round

Twists
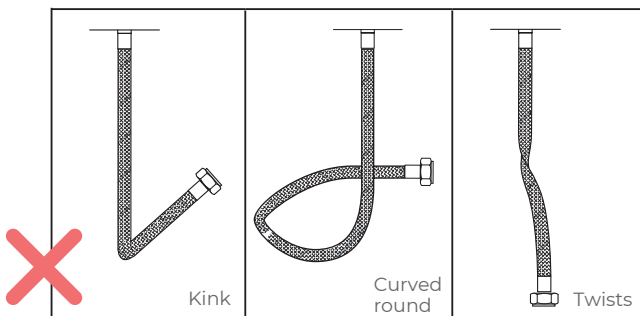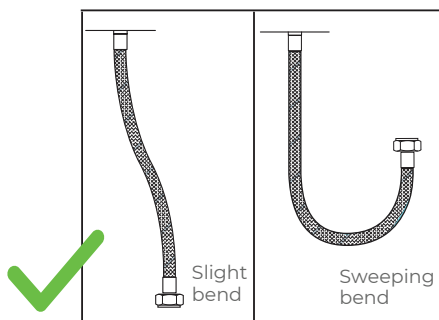
Incorrect Installation

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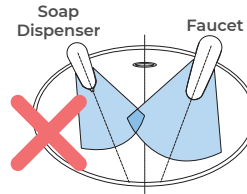
Keep sensor range adjustment within 4 inches away from center of spout. This can only be done with optional remote control.
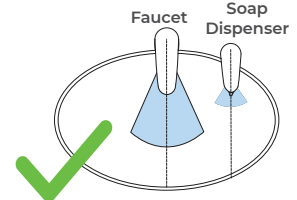
Faucet   Soap Dispenser

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

Correct Installation

Soap Dispenser   Faucet
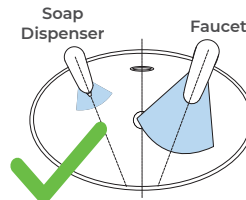
Keep sensor ranges factory preset.

Faucet   Soap Dispenser

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.

For more details, visit the product page: