

# COMMERCIAL MOTION SENSOR ACTIVATED AUTOMATIC FAUCET BRASS VALVE GOLD TONE FINISH INSTALLATION INSTRUCTIONS



## BEFORE YOU BEGIN

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

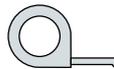
Unpack and inspect the items for any shipping damages. If you find damages, do not install.

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



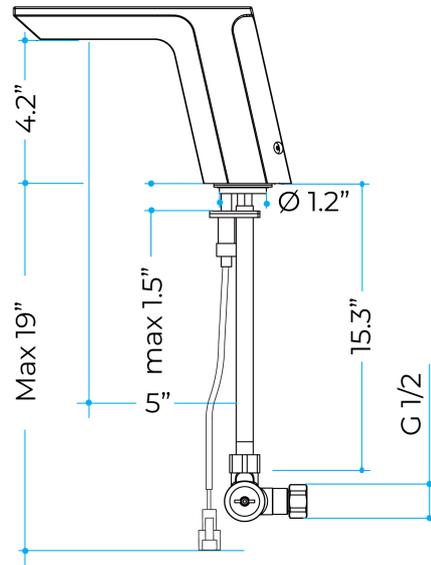
Screwdriver

\*not included

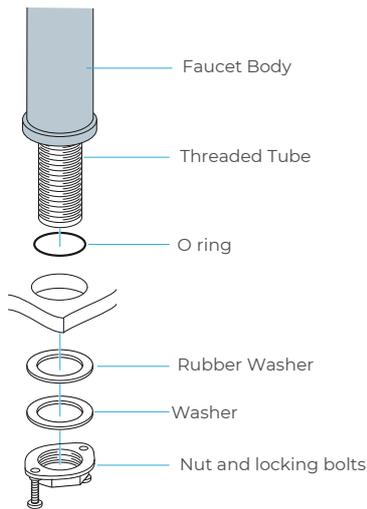
## Technical Information

Power: DC:6V(4AA alkaline battery)  
 AC:220V-240V; 50/60HZ  
 Supply Water Pressure: 0.05~0.86MPa  
 Detection Zone: 20-30 cm or adjustable  
 Motor valve lifespan: up to 500000 flushes  
 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 inlet / outlet pipe: G1/2"  
 Flow Rate: No more than 0.15L/s at 0.1MPa.  
 Temperature: 0.5~71C  
 Supply Water Temperature: 0.5~71C

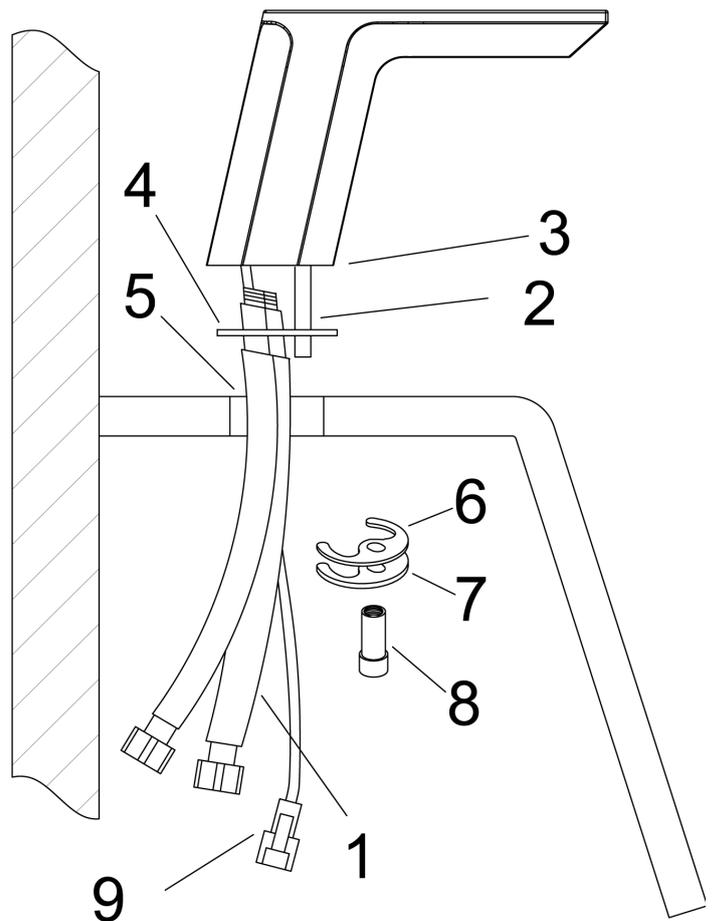
## Faucet Size



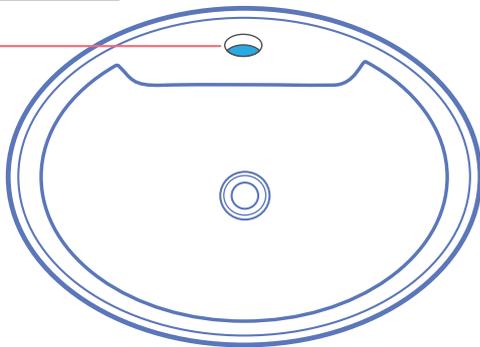
## Faucet Deck Mount Installation



## Step 1:



## Hole Size Chart

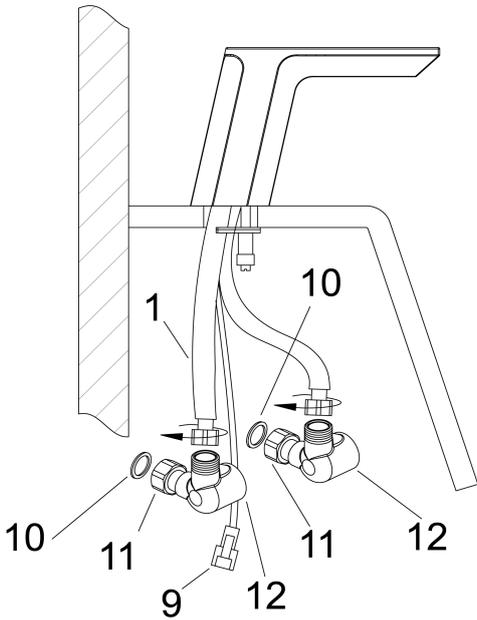


<p><b>Pre-drilled hole size requirements:</b></p> <p>Min: 1.26"/32mm - Max: 1.38"/35mm</p>	<p><b>Max counter top thickness without deck plate:</b></p> <p>1.38"/35mm</p>
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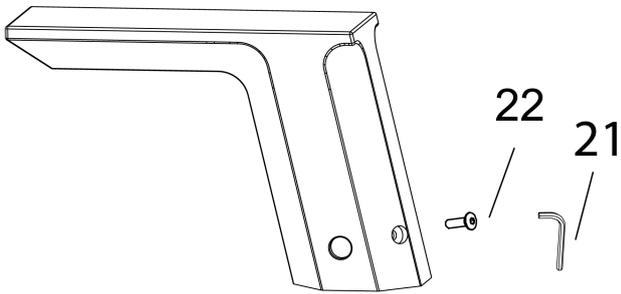
All dimensions and specifications are nominal and may vary. Use actual products for accuracy in critical situations.

## Installation Instructions

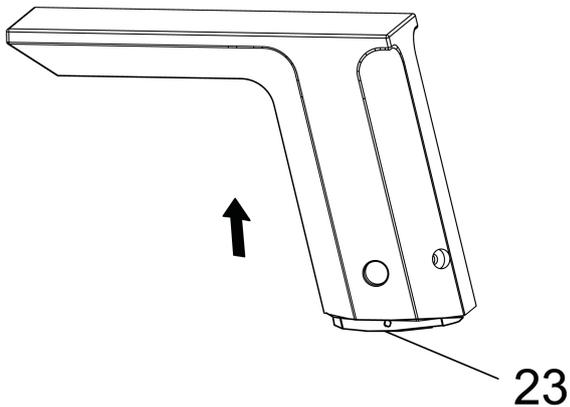
Step 2:



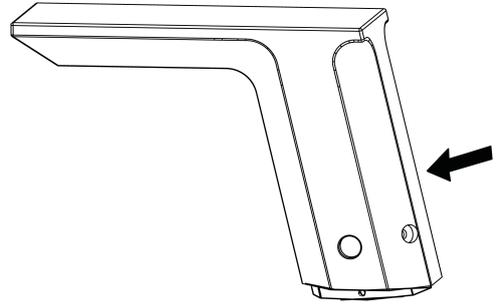
Step 3:



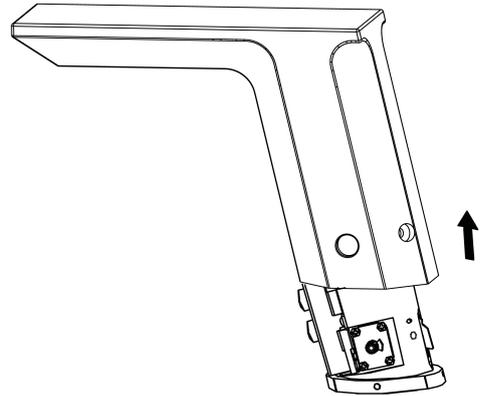
Step 4:



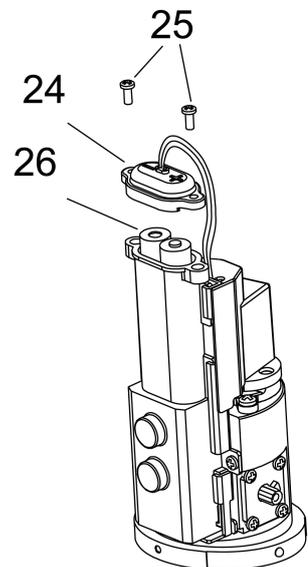
Step 5:



Step 6:

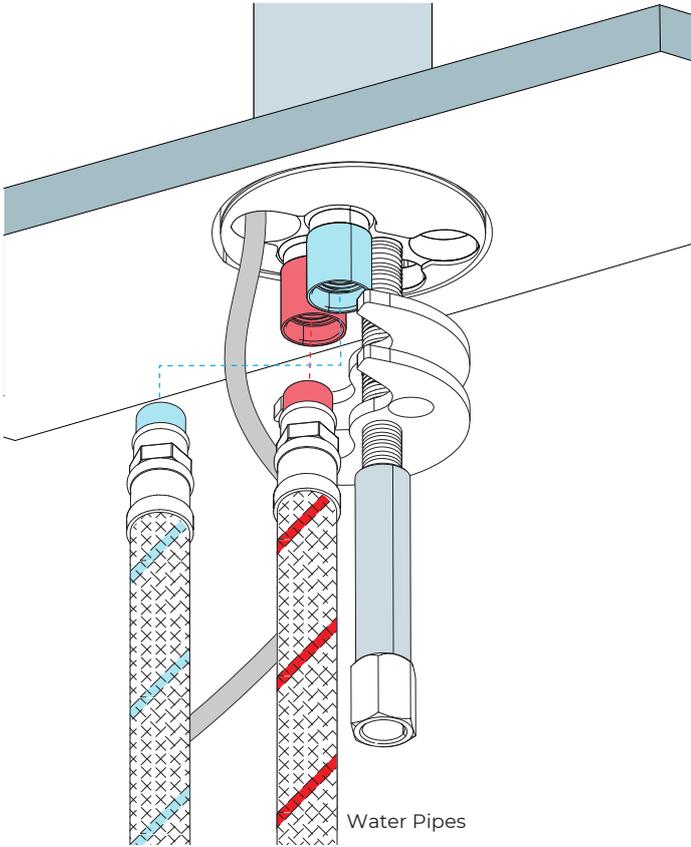


Step 7:

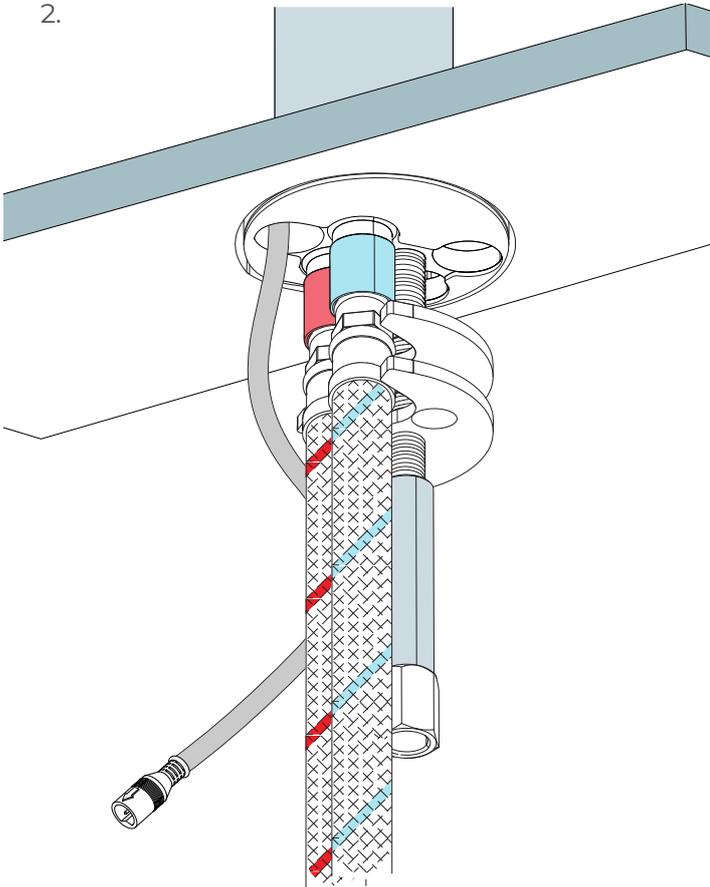


## Detailed Faucet Installation Instructions

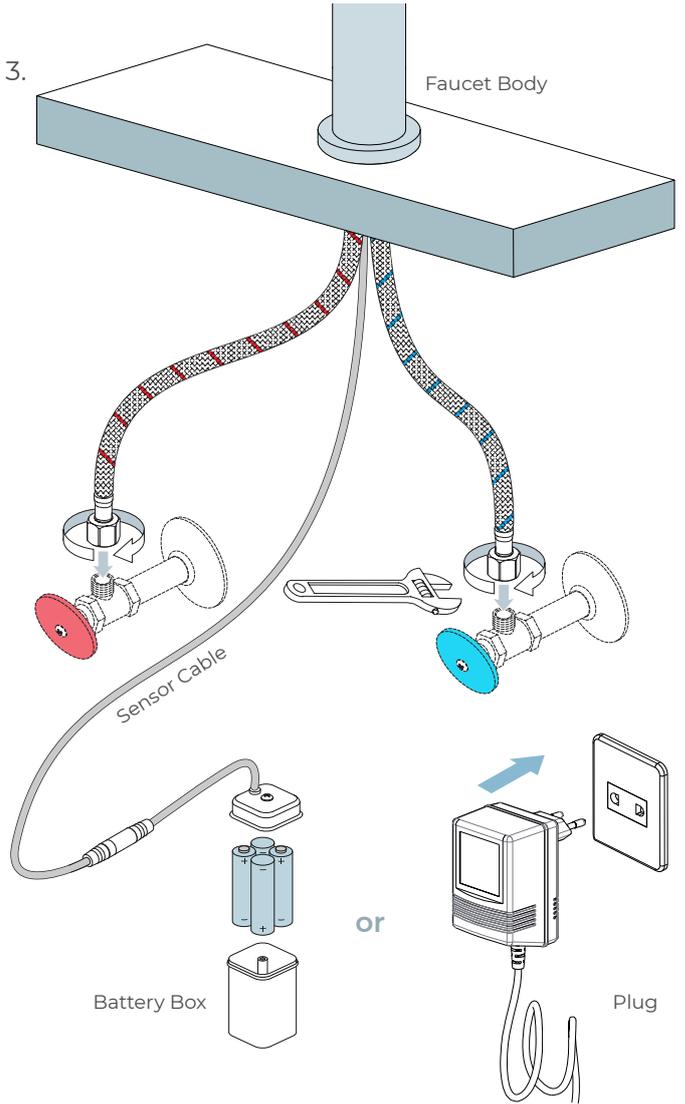
1.



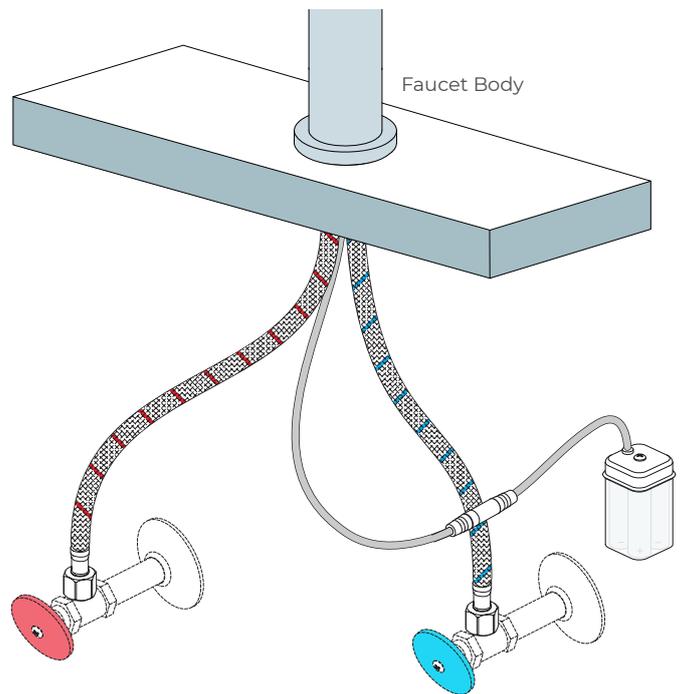
2.



3.



4.



## Operation Instructions:

1. Put your hand in the sensing range, the faucet should turn on. The faucet should turn off after removal within 0.5~2 seconds. The sensing distance will be adjusted automatically as per the condition of the lavatory and the surrounding environment.
2. Facing the faucet, when rotating the handle to the front, the temperature of outlet water gets lower. When rotating the handle back, the temperature of the outlet water gets higher.

Senser Duration: Less than 0.75s

Shut-off Delay: 0.5~2s

Sensing Distance: Automatic adjustment from 20cm to 30 cm. The actual sensor distance will be slightly variable on different lavatories.

Flow Rate: No more than 0.15L/s at 0.1MPa.

Overtime Flowing Control: Automatically stop flushing when the faucet senses an object for more than 1 minute continuously

Ambient Temperature: 1~55

Supply Water Temperature: 0.5~71

Supply Water Pressure: 0.05~0.86MPa

## How to Install the Faucet

1. Fixing the faucet and lavatory Screw off the flexible supply hoses (1) from the faucet. Firstly, install the mounting stud (2) to the bottom of the faucet (3), then slip the washer (4) over the mounting stud, and put it into the groove on the body assembly. Then put wire (9) (used with AC-Faucet) through the basinhole(5). Insert the flexible supply hoses (1) into the hole (5). from underside of the lavatory and tightenthem into the faucet holes by hand. From underside of the lavatory, slide the rubber washer (6), metal washer (7) and fixed nut (8) onto the mounting stud (2). Position faucet wire (9) and hoses, tighten nut (8) with a wrench to secure the faucet to the lavatory.

2. Fixing the connector assy Put the washer (10) in the inlet nuts(11) of connector assemblies (12). Keep the outlets upwards. Tighten the inlet nuts (11) to the water supply pipe with a wrench. Connect the flexible supply hoses (1) and the connector assemblies (12) and tighten them. When facing the faucet, the left hose is hot water, and the right hose is cold water.

Note: For cold only faucet, install the flexible supply hose on the right side only.

## How to Install & Replace Batteries

Please remove the objects from the sensing distance and lavatory. Objects in this range will shorten the sensing distance.

1. For temperature adjustment faucet, after installing the faucet on the lavatory, loose the screw (20) on the temp adjustment handle counterclockwise with the hex wrench (21). Remove the screw (20), the spring washer (19) and the temp adjustment handle (18). For cold only and temperature constant faucet, do the next step directly.

2. Loose counterclockwise and remove the screw (22) on the back of the faucet with the hex wrench (21).

Pull the spout up gently about 6mm. A label (23) will be seen on the valve body when feel blocked. Move the spout forwards about 4mm as the label shown.

Pull the spout out gently.

Note: Do not pull or insert the spout fleetly and fiercely, otherwise the electronic control box and other parts may be damaged.

3. Remove the screws (25) on the cover (24) of battery box with a cross-screwdriver. Remove the cover of battery box. Insert 2 pieces of LR03 size alkaline batteries (26) into the battery box according to the pole indication on the cover (24).

4. Be sure the o-ring in the cover(24) of the battery box is located in the groove, put the cover (24) on the battery box (27) and tighten the screws (25).

Note: Put the bulge (29) on the battery box (27) into the gap (28) on the cover (24). Tighten the screws (25) on the battery box (27) in order to resist water.

5. Insert the spout to the valve body of the faucet (30) gently.

Move the spout backwards, and put the bulge (32) of the control box into the sensor window when the distance between the bottom of the spout and the valve body is about 6mm.

Finally, push the spout down completely.

6. Aline the hole on the back of spout to the screw hole on the bottom of the valve body. Insert the screw (22) and tighten it clockwise with the hex wrench(21). Note: Following steps are needed for temperature adjustment faucet.

7. Insert the temp adjustment handle (18) to the handle hole in accordance with the direction as the figure shown, then rotate the temp adjustment handle counterclockwise until it can not be rotated any more and take it out.

8. Insert the temp adjustment handle (18) to the handle hole in accordance with the direction as the figure shown. Insert the screw (20) along with the spring washer (19). Tighten clockwise the screw with the hex wrench (21).

Note: After installing or replacing batteries, the faucet will be in the period of automatic adjusting sensing distance( about 10 minutes). The faucet will not work during this period.

9. Replace batteries: If the indicator flashes every 2 seconds, the batteries are out of power. The faucet will not work. Replace batteries per the steps 1~8 above.

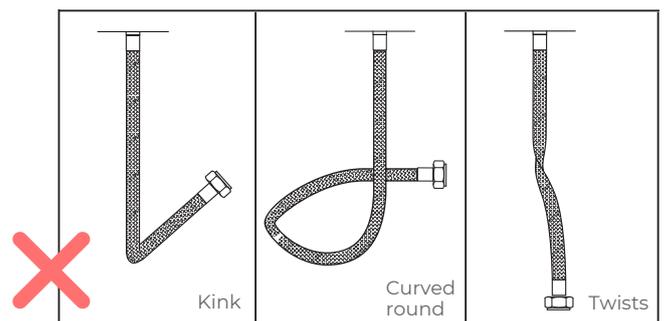
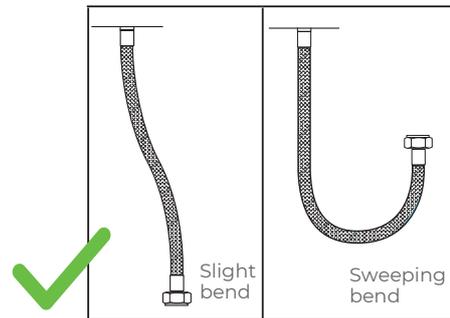
## Care & Cleaning

- Always wipe your fixture down with a soft cloth after each use to prevent mineral build-up and water-spotting. Should spotting occur, remove water spots with warm water and a soft, damp cloth.
- 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.

## Waterpipe Instructions



For more details, visit the product page:

