

THIS SENSOR TAP MUST BE INSTALLED BY A LICENSED PLUMBER IN ACCORDANCE WITH LOCAL REGULATIONS

This Oliveri sensor tap is manufactured to standard AS/NZS 3718.

| | |
|--|------------------------|
| MAX OPERATING PRESSURE..... | 5 bar (500kPa) |
| RECOMMENDED OPERATION PRESSURE..... | 1.5-5 bar (150-500kPa) |
| MAX HOT WATER TEMPERATURE..... | 55°C |
| RECOMMENDED HOT WATER TEMPERATURE..... | 50°C |

Where water pressure exceeds 500kPa, a pressure reducing device is required to be installed.
Note that water pressure overnight can reach 150% of the daytime pressure

Before attempting any work involving mains water supply lines, ensure the water supply is shut off.

Stop valves (preferably with filters) must be used when installing your Oliveri tap to allow isolation. Failure to do so where required will void warranty.

This sensor tap must be installed in accordance with these instructions.

VE401CR/VE401MB



WALL MOUNT SENSOR TAP

CARE & MAINTENANCE

Clean with a soft cloth and warm soapy water as necessary - rinse and dry after cleaning. Under No Circumstances should abrasive or acid-based cleaning products be used

WARRANTY

Oliveri warrant that the sensor tap will be leak-free and drip-free for 5 years under normal use, and the Product's control box (which houses the hydraulic system) and finish will be free from defects in material and manufacturing workmanship (but only so long as the Original Consumer/Commercial Purchaser continues to own the dwelling or premises).

The warranty on all other components of the Product, including but not limited to the electronics box, spout and lenses, runs for: (1) five years from the date of purchase for an Original Purchaser; or (2) one year from date of purchase for an Original Commercial Purchaser (but only so long as the Original Consumer/Commercial Purchaser continues to own the dwelling or premises).

This warranty does not cover against normal wear and will be voided if the product is misused or not installed in accordance with these instructions.

In the event this product is rendered obsolete and a replacement product is required, Oliveri Solutions Pty Ltd reserves the right to supply a product of equal substitution at their discretion.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

SERVICE

If the problem represents a danger, or damage to property may occur, immediately shut off the water supply. If the tap requires servicing, please contact your plumber (preferably the one who installed it). Most problems occur due to contaminated supply lines or water pressure exceeding 500KPa. Unscrew and clean the spout aerator periodically - especially if you notice a drop in water pressure.

If the Plumber is satisfied that the problem is not due to poor installation, contact T2 Services Pty Ltd for assistance on:

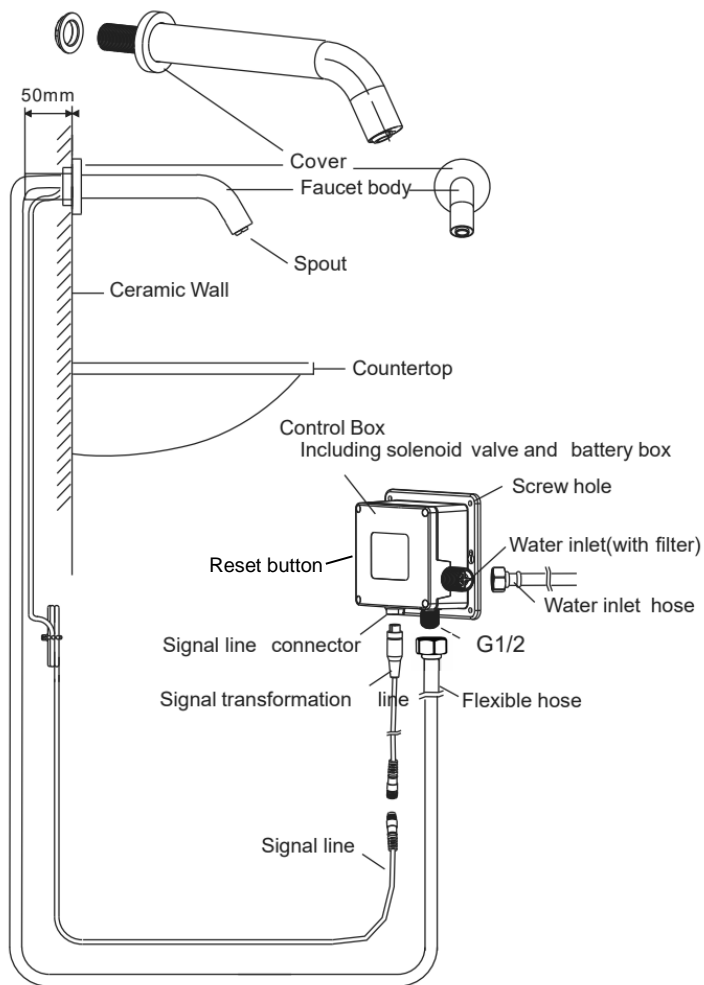
Ph: (07) 5596 0738

Fax: (07) 5527 3353

Email: <https://oliveri.com.au/service-and-warranty>

If a warranty service agent finds that the tap is not at fault, T2 Services Pty Ltd reserves the right to pass on any callout fee to the householder.

1. Exploded Diagram



Packaging inclusions

- Sensor Tap
- Control Box
- AC Power Adaptor
- Cover Plate
- Flexible hose w/ 1/2" Adaptor
- Access Plate Lock Nut
- Brass Allthread Nipple
- Screw and Toggle Kit

Oliveri®

Installation Instructions

General Note: This product is to be installed by a licensed plumber, installation must comply with AS/NZS 3500 and local plumbing codes

Pressures & Temperatures

Maximum Hydrostatic Pressure – 500 kPa. (As per AS/NZS3500)

Note: AS/NZS 3500.1-2003 (Clause 3.3.4) states that "Provision shall be made to ensure that the maximum static pressure at any outlet, other than a fire service outlet, within a building does not exceed 500 kPa.

Note: Pressures above 500kPa can cause damage from water hammer, reduced life of appliances, taps and fittings, and cause excessive noise in the system.

Minimum Hydrostatic Pressure – 100 kPa

The Maximum operating temperature for the Sensor Tap is 55°C.

Please ensure that the lines are flushed prior to installation as contaminants in the water can damage the flow regulator and also affect the performance of the sensor.

Safety - DO NOT connect unit to mains power or turn on mains water supply until Sensor tap and control unit is fully installed.

1. Remove product from packaging and check for damage. If the product is damaged do not install and return to store of purchase.
2. The WELS compliant aerator has been pre-assembled. To comply with WELS the flow regulator must remain in place.
3. Ensure product is complete as per exploded diagram (1) and list of inclusions opposite.
4. A single 25mm to 27mm hole is required in the mounting surface (do not exceed maximum hole diameter). Diagram (2).
5. Remove the G1/2 hex nut from the flexible supply hose using suitable spanners and disconnect the signal line from the signal transformation line. Feed the supply hose and signal cable through the top mounting hole. Diagram (3).
6. The Wall spout has two assembly options as follows. Diagram (4a & 4b).

Option 1 - Spout is supplied with a slide off wall cover concealing a three-point fixing option where the spout can be fixed to the finished wall using suitable fixing screws and toggles (standard kit supplied only)

Option 2 - Spout is supplied with a screw in brass threaded tube and brass lock nut on the inlet of the spout, this allows for assembly to an access panel (not supplied), maximum thickness from front of finished wall to back of stud is 30mm.

N.B brass thread has two flats to allow for spanner engagement to hold spout in place while tightening lock nut.

7. Position Control box on wall considering length of Spout outlet hose and signal cable. Control unit must be within 500mm from Basin, refer to Diagram (5) & (6) for correct positioning of control box. Using wall toggles supplied, or suitable wall toggles and screw to suite wall material, fit control box to wall. Ensure control unit is fixed to a vertical wall in a position away from moisture and is always kept dry.

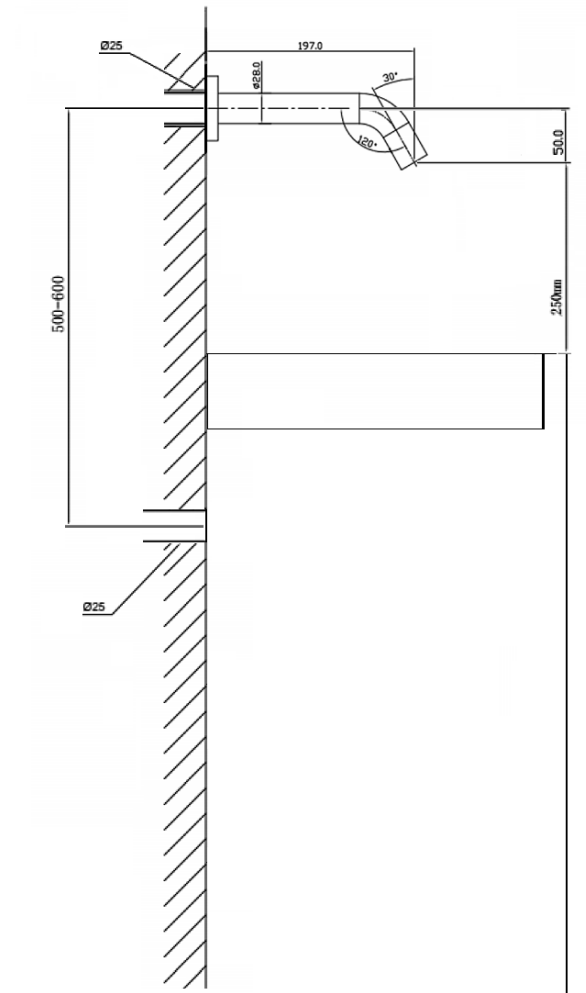
N.B Control box must be installed with inlet thread to Right, outlet thread to the bottom on a vertical wall, do not assemble in a horizontal position. Diagram (1, 5, 6)

8. Fit spout outlet hose to control box outlet 1/2" BSP thread. Diagram (7a)
 9. Connect Inlet Water supply to 1/2" BSP thread on the control box inlet, (right hand side of control box) turn water supply on and check for leaks at all connections. Diagram (7b)
 10. Fit Spout Signal cable socket to control box socket. Align ends, push together and tighten socket nut by hand. Diagram (7c) N.B Stop valves (preferably with filters) must be used when installing your Oliveri Tap to allow isolation.
 11. **AC Mains Power only** Connect control box power socket to AC power adaptor. Diagram (8)
- N.B If using batteries only push control box socket into rubber protection boot on left side of control box to protect terminal ends.
12. **DC Battery Power only** Remove the four screws holding the face plate on the Control box. Unplug the AA battery box from the control box, remove single screw holding cover on battery box. Fit four AA batteries in battery boxes shown in battery box diagram. Reverse process to fit battery box back into control box. Diagram (9)
 13. Wipe down spout and sensor window situated at the end of the spout. Diagram (10)
 14. Turn power on if connected to AC power.
 15. Hold Red reset button located on the left-hand side of the control box in for 2 seconds to enable sensor to learn the IR distance to the basin. Diagram (11)

To the consumer

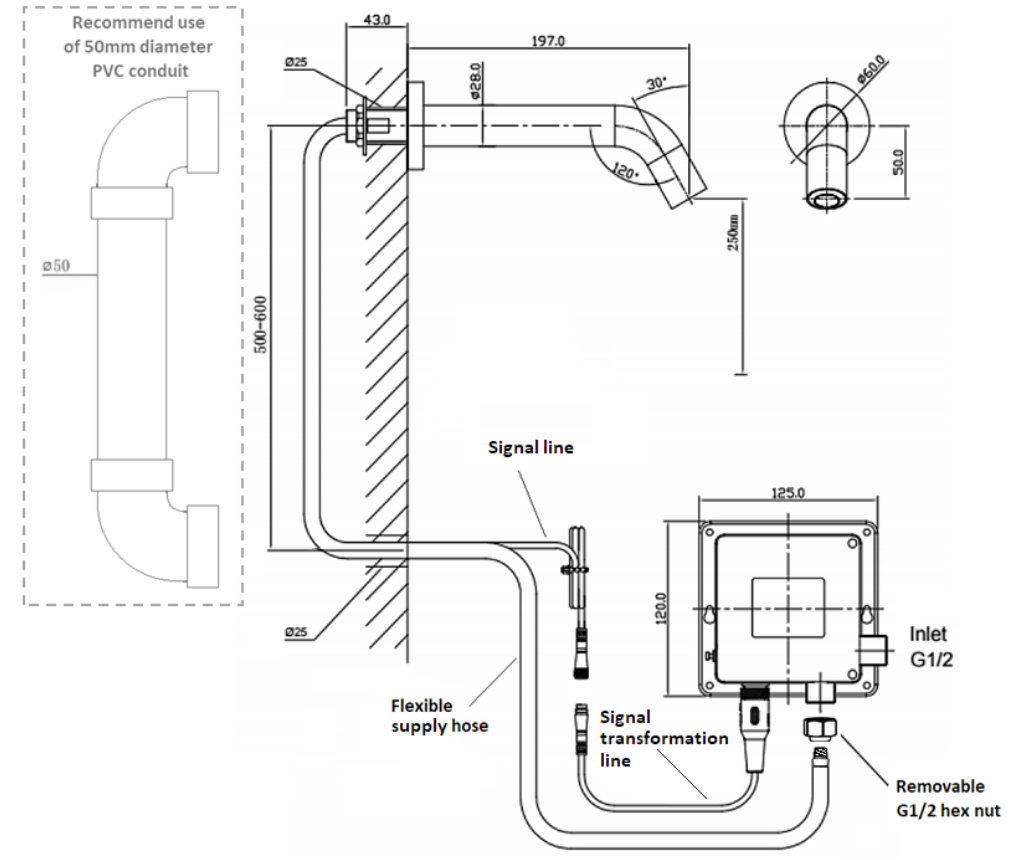
1. The tap is to only be cleaned with warm soapy water and a soft cloth.
2. **Under No Circumstances** should any abrasive, cream or acid-based cleaning agents be used as these types of cleaners will damage the chrome finish, electronic components, seals and aerators.

2. Set out of mounting holes



1. The mounting hole for the spout should be approx. 300mm above the top of the basin or benchtop, ensuring between 100-300mm for sensing distance (250mm as standard).
2. The second hole should be positioned 500-600mm beneath the original mounting hole to ensure the flexible supply hose and signal cable can reach the control box.

3. Installation of flexible hose and signal line



1. Remove the G1/2 BSP hex nut from the end of the flexible supply hose using two appropriately sized spanners.
2. Ensure the signal line is disconnected from the signal transformer line.
3. Feed the signal line and flexible supply hose through the 25mm mounting hole in the wall.

Note: Use of a 50mm diameter PVC conduit (not included) is recommended for ease of installation and for serviceability.

Diagram 4a. Option 1 – Installation of spout to finished wall

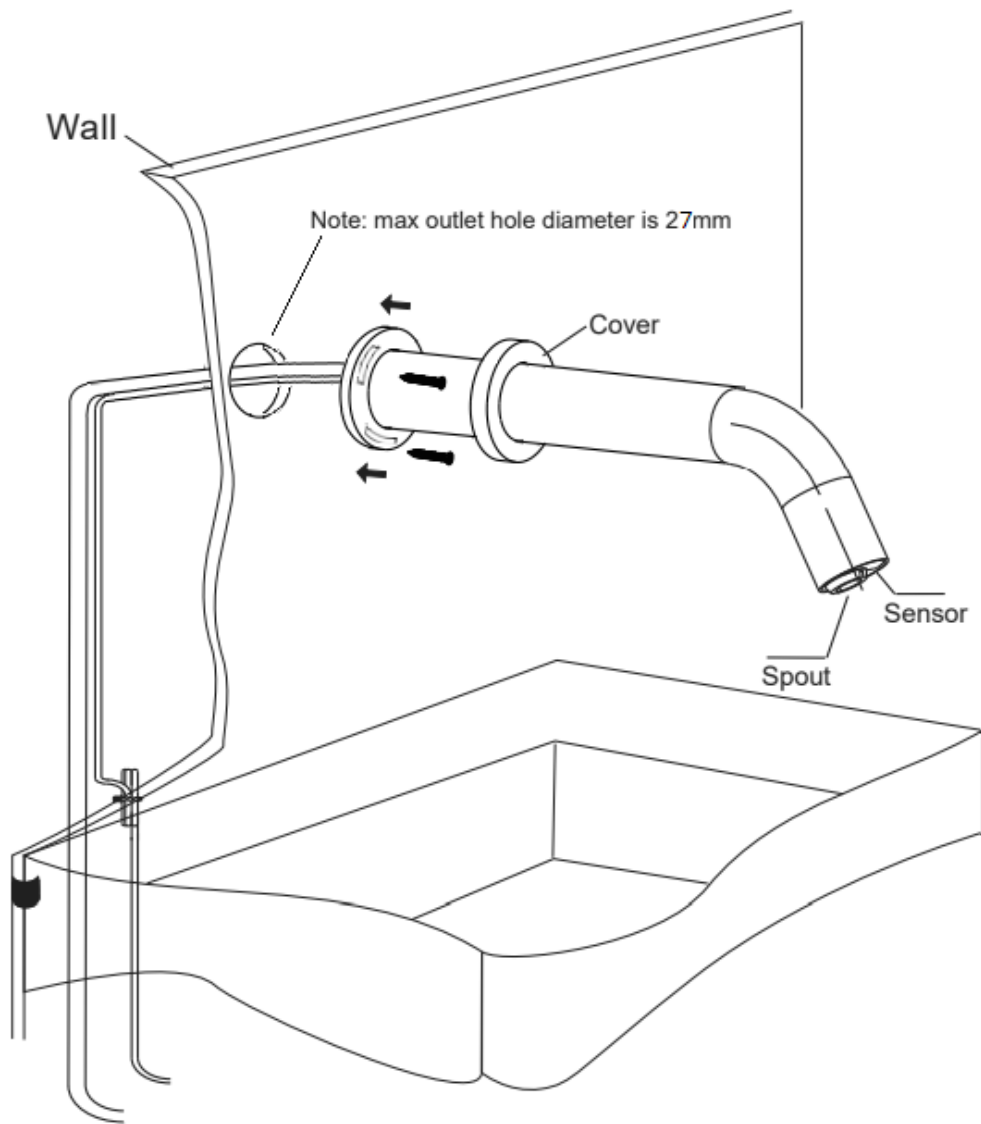
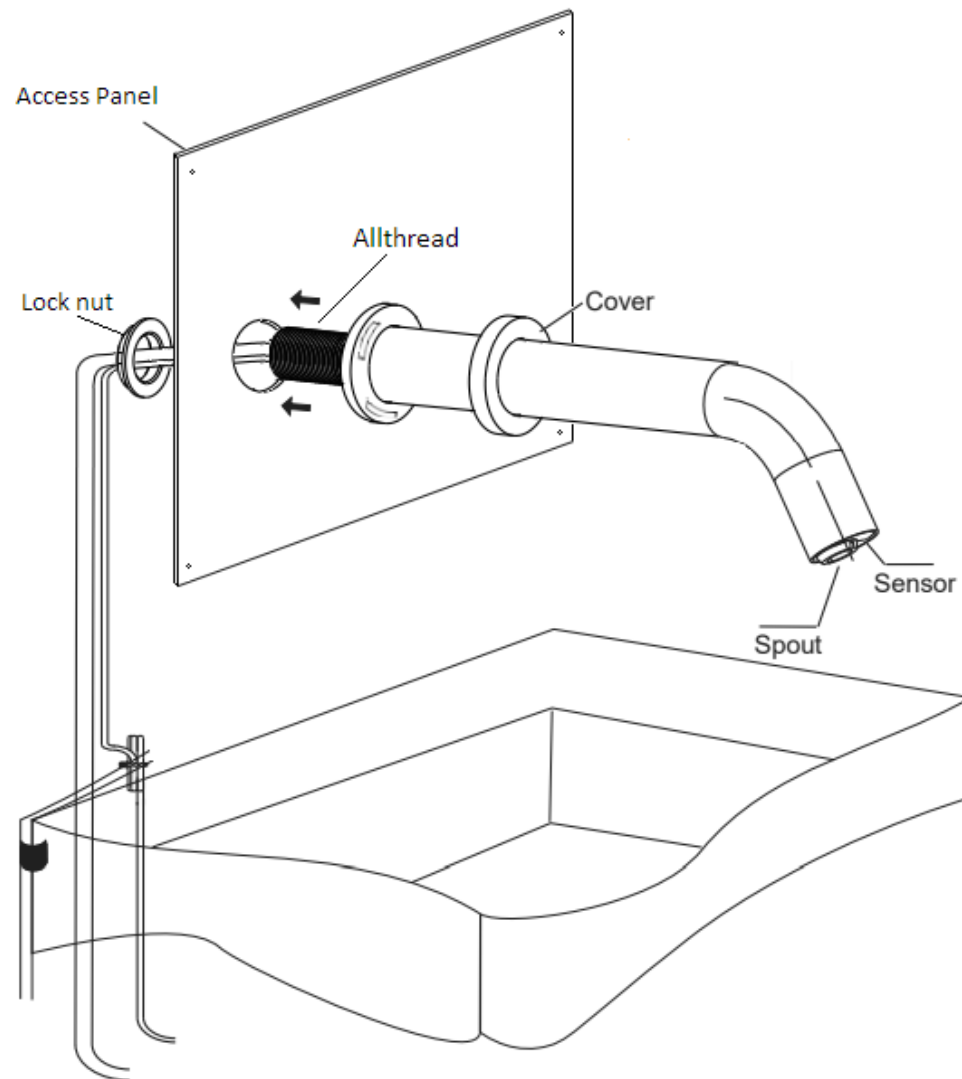
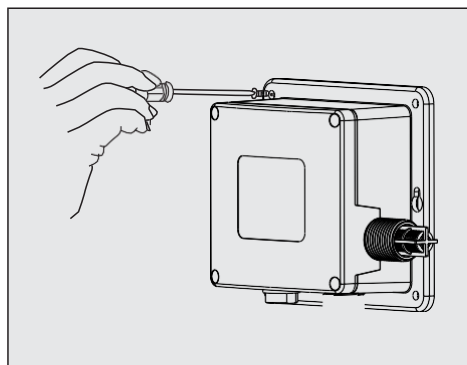


Diagram 4b. Option 2 – Installation of spout to access panel

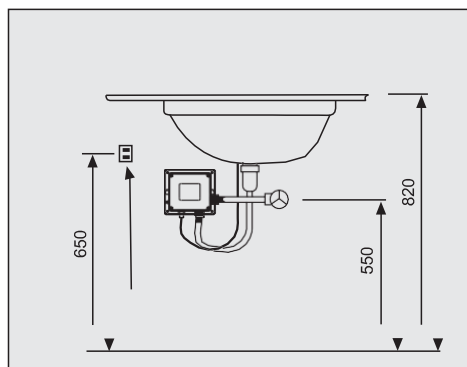


5. Installation of control box



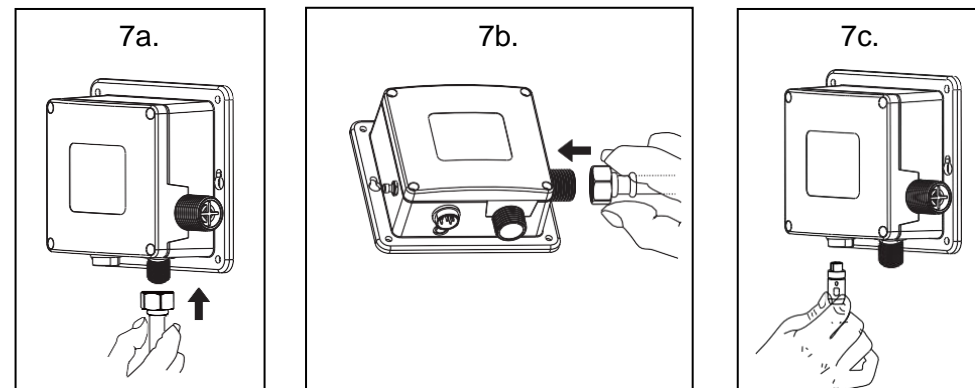
1. Position control box on wall, considering length of the spout outlet hose and signal cable and connections.
2. Control unit must be within 500mm from Basin, refer to Diagram (5) & (6) for correct positioning of control box.
3. Using wall toggles supplied (or suitable wall toggles and screw to suit the wall or access panel material) secure control box to wall.

6. Set out drawing of control box



N.B: Turn off water and power before installation. Ensure control unit is fixed to a vertical wall in an accessible position, away from moisture, and is always kept dry. Control box must be installed with inlet thread to Right, outlet thread to the bottom on a vertical wall, do not assemble in a horizontal position. Diagram (1, 3, 5 and 6).

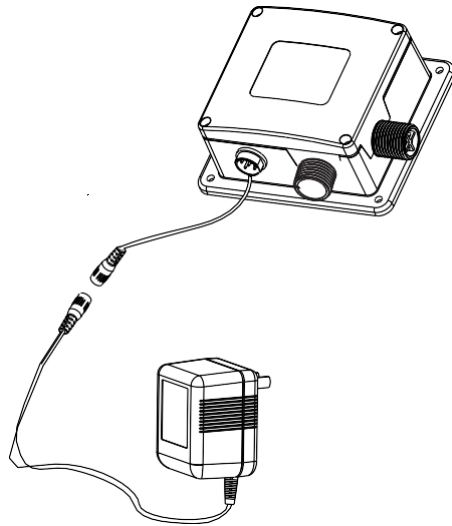
7. Connecting outlet, inlet and signal line



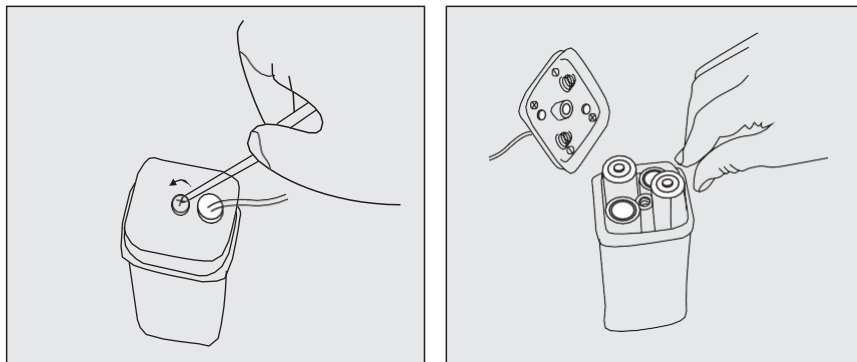
1. Fit spout outlet hose to control box outlet 1/2" BSP thread. Diagram (5a)
2. Connect Inlet Water supply to 1/2" BSP thread on the control box inlet, (right hand side of control box) turn water supply on and check for leaks at all connections. Diagram (5b)
3. Fit Spout Signal cable socket to control box socket. Align ends, push together and tighten socket nut by hand. Diagram (5c)
4. Connect signal cable with control box, then screw tightly.

N.B: Stop valves (preferably with filters) must be used when installing your Oliveri Tap to allow isolation. Keep the signal cable clear and dry.

8. Connect the AC power adaptor

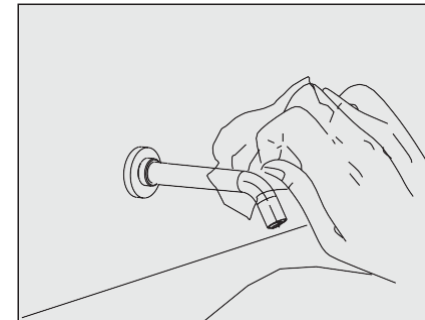


9. Install 4AA alkaline batteries into the battery box.



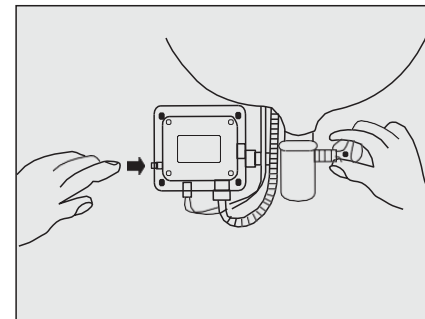
Note: The DC battery box is located inside the control box.

10. Clean sensor window



1. After installation, clean spout and sensor window with a soft, dry cloth

11. Reset and recalibrate the IR sensor distance.



1. After initial installation, hold down the red reset button for 2 seconds to enable the sensor to learn the IR distance to the sink or basin.

N.B: it is normal for the solenoid to make an opening and closing sound during the self-calibration and adjustment period.

Technical Specification

| | |
|-------------------|---------------------------------|
| sensing distance | 10-30cm |
| water pressure | 0.1MPa-0.5Mpa |
| temperature | 1°C-55°C |
| thread standard | G1/2" |
| flux | 0.05-0.125L/s |
| power | DC: 6V (4AA alkaline batteries) |
| power consumption | DC: standby≤0.2mW |

Features and Function

Water saving

when your hands enter the sensing range, the indicator light in the sensor window will shine, then water flows out and will stop immediately once you draw them back. If the flow of water has stopped but more water is required, draw back your hands for 4 seconds and then reposition hands in tap sensor range.

Hygienic operation

Automatic on/off operation frees your hands from any touching thereby avoiding bacterial infection. Contactless handwashing and rinsing offer the best combination of convenience and hygiene.

Intelligent detection

Micro-chips controlling, the tap self-adjusts to the best detection zone and has the function of anti-light and anti-ultraviolet rays.

Automatic shut-off protection

Automatically stops after 70 seconds to avoid water wasting, if water flow stops and more water is required, draw back your hands for 4 seconds and reposition in tap sensor range.