



Flowmatic® Wall Mounted Sensor Tap Battery Operated/Single Temp

PRODUCT CODE:
- **TZ-FLOW225866**



WaterMark
AS/NZS 3718:2005 Lic. 022348



SPECIFICATIONS

- Heavy duty wall mounted touch-free electronic faucet activated by an infrared sensor.
- Powered by an internal 9V battery. Includes a low battery level indicator.
- Latching solenoid valve located inside the product for added vandal protection. Filters included.
- For cold or premixed water (single inlet).
- Customizable settings by optional remote control: sensor range, security time, delay In, delay out and on-off.
- 24 hours mandatory hygiene flush option available upon request.
- Chrome plated assembly for durability and easy cleaning

TECHNICAL DATA

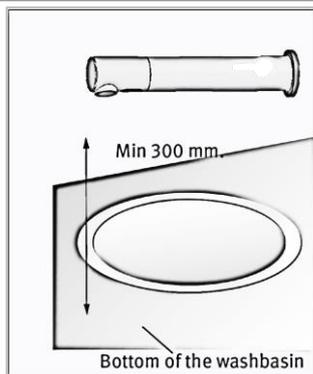
Inlet	½" BSP - Male	
Outlet	Aerator	
Headwork	Solenoid	
Power supply for battery versions:	9V battery	
Working Pressure Range (kPa)	Min	50
	Max	500
Hot water temperature (°C)	Min	5
	Max	70
Nominal Flow Rate (LPM)	5.5	
Sensor range:	180 mm (Customizable with optional remote control)	
Minimum sensor range:	30 mm	
Maximum sensor range:	300 mm	
Security time:	90 seconds (Can be reduced with optional remote control)	
Finish	Chrome	



TOOLS REQUIRED

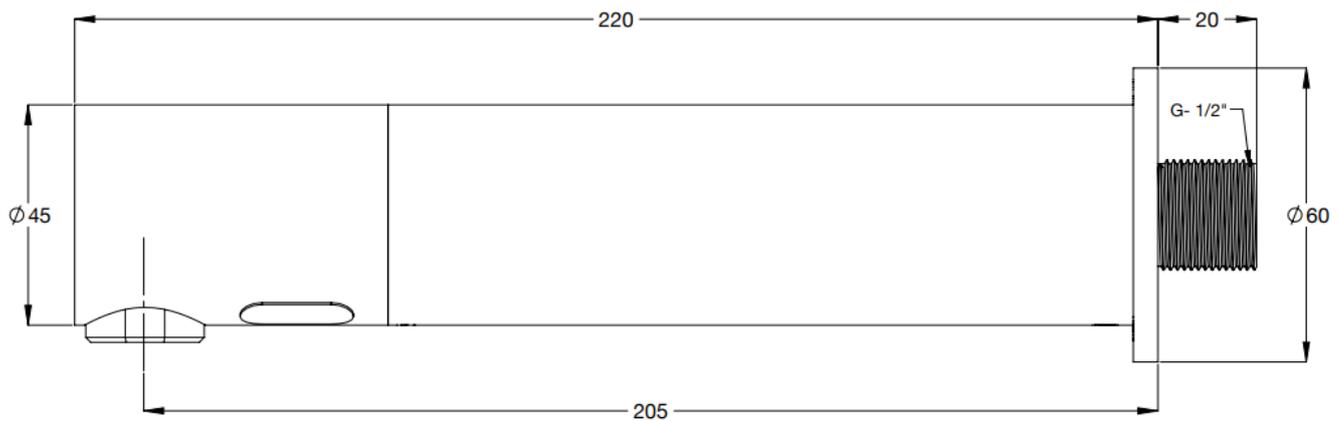
- Thread tape
- Adjustable spanner

PRE-INSTALLATION



WARNING

- 1) To avoid reflection problems, keep a distance of more than 300 mm between the sink and the spout.
- 2) This faucet model, with an infrared sensor pointing down, is not intended to be used together with a sink of a reflective material such as stainless steel.
- 3) If a sink strainer is straight below the faucet sensor, use a strainer with a non-reflective finish (do not use a chrome plated one).



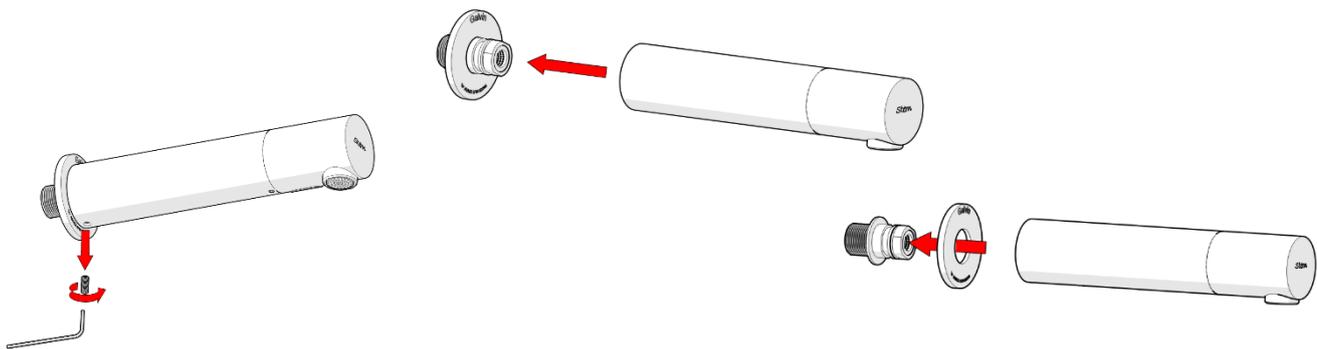
PREPARATION FOR INSTALLATION

- Flush the water supply lines thoroughly before installing the faucet. Do not allow dirt, thread tape or metal particles to enter the faucet. Shut off water supply.
- Drill 28 -29 mm of hole at desired place to install the faucet.



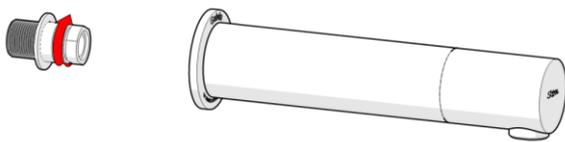
INSTALLATION

IMPORTANT: Galvin Specialised products must be installed in accordance with these installation instructions and in accordance with AS/NZS 3500, the PCA and your local regulatory requirements. Water and/or electrical supply conditions must also comply to the applicable national and/or state standards. Failing to comply with these provisions shall void the product warranty and may affect the performance of the product.



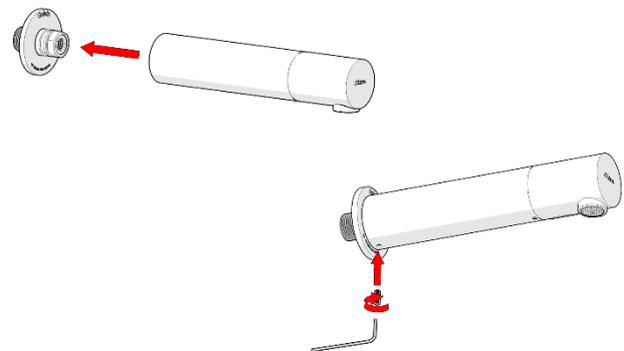
1. Disassemble

- Remove the M5 screw using a 2.5mm allen key (provided in the kit)
- Pull out the inlet tail and flange from the assembly



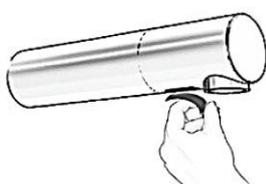
2. Secure Inlet tail:

- Turn off water supply.
- Thread tape/sealant should be used. Ensure the thread tape doesn't obscure the inlet tail opening.
- Connect inlet tail to water inlet. Tighten inlet tail ensuring it cannot be turned once installed.



3. Assemble

- Slide the flange and the faucet onto the inlet tail.
- Ensure the filter stays inside the inlet tail and does not slide out.
- Mount the faucet body onto the inlet tail. Ensure the sensor is aligned facing down. Secure the body with M5 grub screw using the supplied Allen key.



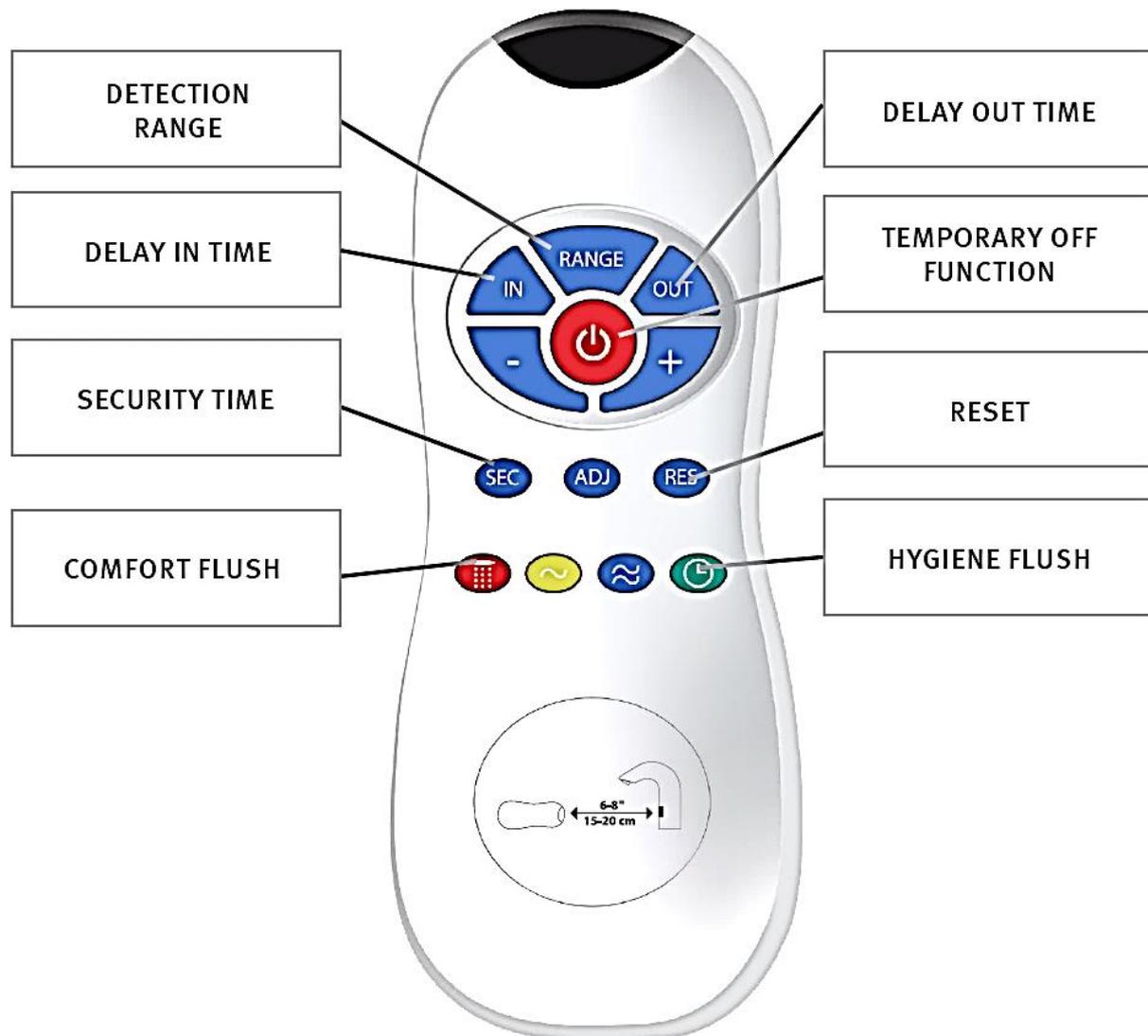
4. Test:

- Remove the protective sticker that covers the sensor.
- Turn on mains water and check for leaks.



Note: Tap includes a special aerator that allows you to adjust the water stream direction on site in order to prevent water splashing if needed. To change the angle of the water stream, simply move the adjustable tilting plate by pressing it smoothly.

SETTINGS ADJUSTMENT



Note: Remote has to be purchased separately.

Adjusting the settings with the remote control

If necessary, the sensor settings can be adjusted as follows:

- Shut off the water supply. To adjust the sensor with the remote control, hold the remote control straight in front of the sensor at a distance of about 6-8" (15-20cm).
- Choose the function you want to adjust by pressing once on one of the function buttons.
- After pressing once on a specific function button, a quick flashing of the LED at the front of the sensor will occur. At this stage, you can change the setting by pressing the (+) or the (-) buttons, every push will increase or decrease one level.
- After finishing the adjustment, turn the water supply back on.

SETTINGS ADJUSTMENT



DETECTION RANGE: Only if necessary, use the remote control to adjust the sensor range as follows:

- Press the RANGE button. Wait until a quick flashing of the LED in the sensor eye is perceived. Then, press + to increase the one level and – to reduce it every push will increase or decrease one level.

NOTE: Once you have changed the detection range with the remote control, this distance will be remembered by the sensor, even if the power source is disconnected.



DELAY IN TIME: This button allows modifying the flushing start time after the user is within the product's sensor range. The delay in time can also be modified as follows:

- Press the IN button. Wait until a quick flashing of the LED in the sensor eye is perceived. Then, press + to increase the delay in time and – to reduce it.



DELAY OUT TIME: This button allows modifying the flushing stop time after the user moves away from the sensor range. A delay out time close to 0 will save more water. An increased delay out time will make the user experience more comfortable.

If required, the delay out time can be modified as follows:

- Press the OUT button. Wait until a quick flashing of the LED in the sensor eye is perceived. Then, press + to increase the delay out time and – to reduce it.



TEMPORARY OFF FUNCTION: This function is ideal to perform any kind of activity in front of the sensor without operating the system (for example, cleaning).

The product will remain shut for 1 minute when this button is pressed once. To cancel this function and to return to normal operation press the On/Off button again or wait 1 minute.



RESET BUTTON: This function restores all the factory settings except for the sensor range. If required, press the Reset button and without releasing it, press the + button once.



SECURITY TIME: The Security time, prevents continuous flushing of water due to reflections or vandalism. By default, if the sensor is covered for more than 90 seconds the water flow will shut automatically. To resume regular operation any obstruction must be removed.

- Press the SEC button. Wait until a quick flashing of the LED of the sensor eye is perceived. Then, press + to increase the security time and – to reduce it.



24 HOUR HYGIENE FLUSH: This model includes a 24 hour hygiene flush which is disabled.

To activate the hygiene flush, press the clock button. Wait until a quick flashing of the LED in the sensor eye is perceived. Then press + to activate the hygiene flush. To disable it again, press – to deactivate it.

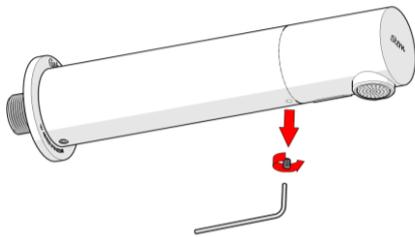


COMFORT FLUSH: If your model includes a COMFORT FLUSH setting, it can be activated by pressing the flush button. When the button is pressed, one blink of the blue in the sensor eye is perceived. The pre-programmed flush cycle will take place then. The Comfort flush cannot be interrupted or deactivated by pressing any button until it is over.

BATTERY REPLACEMENT

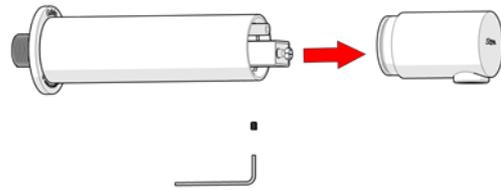
Low battery indicator

When the battery requires replacement, the LED indicator light will blink at a constant rate when the user's hands are within the sensor range. The battery must be replaced, as follows:



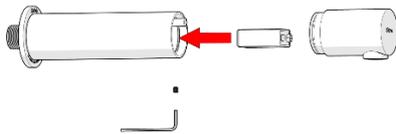
1. Disassemble:

- Turn off the water supply.
- To access the battery, unscrew the set screw located at the underside part of the body using the 2mm Allen key (supplied with the kit)



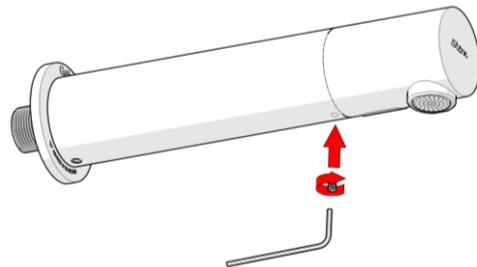
2. Pull out sensor head:

- Pull out the sensor cap carefully.
- Verify that the O-ring on the sensor head and water is in good condition. If needed, apply grease, or replace it with 1.5mm x 38mm O-ring.



3. Replacing the battery:

- Remove the old battery from battery cover and disconnect it from the battery connector, .
- Place the battery cover on the new 9V battery and connect to battery connector.



4. Assemble & Test:

- Once the battery has been replaced, check there are no objects in front of the sensor.
- Wait 15 seconds to allow the system to set the ideal sensor range.

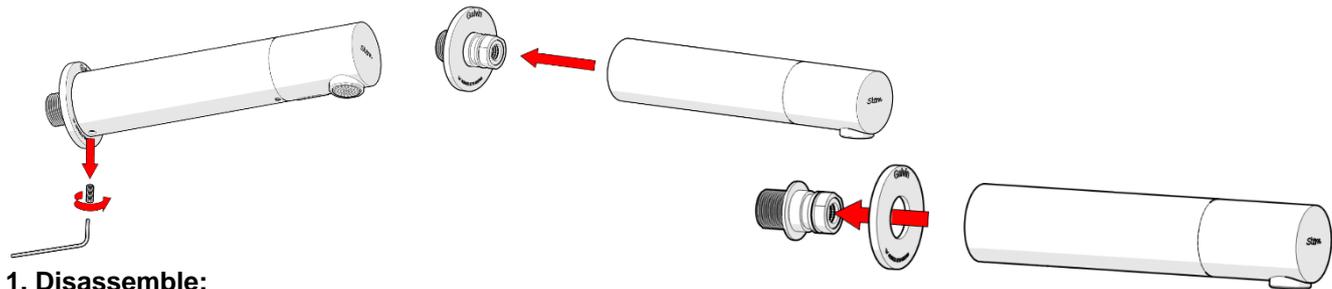
IMPORTANT: Spent batteries should not be disposed of with normal household waste. Contact your local authority for information on waste disposal and recycling.



MAINTENANCE

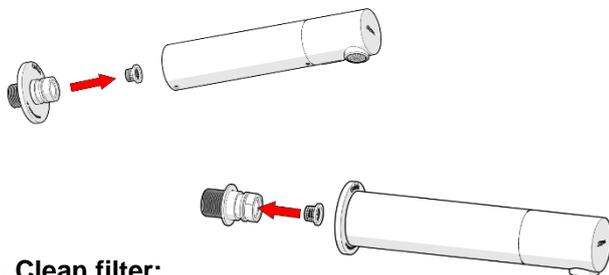
FILTER CLEANING INSTRUCTIONS

This faucet is provided with a stainless-steel filter to prevent foreign particles entering the tap. If the water flow has decreased, this may be because the filter is clogged. The filter can be cleaned as follows:



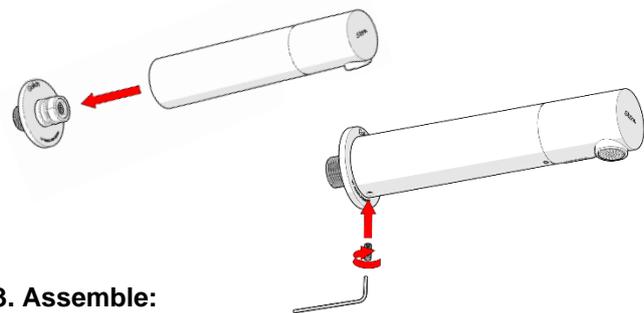
1. Disassemble:

- Shut-off the water supply to the valve.
- Release the set screw at the faucet body by using the 2.5 mm Allen Key.
- Disassemble the faucet's body from the base.



2. Clean filter:

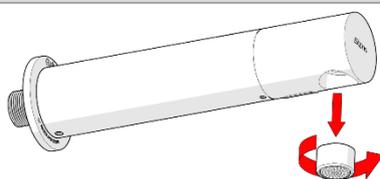
- Disassemble the filter from the base.
- Wash the filter under running water.
- Fit the filter.



3. Assemble:

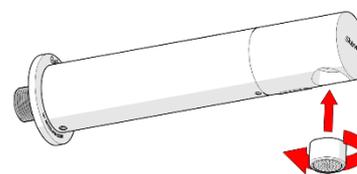
- Slide the flange and the faucet onto the inlet tail.
- Mount the faucet body onto the inlet tail. Ensure the sensor is aligned facing down. Secure the body with M5 grub screw using the supplied Allen key.

AERATOR CLEANING INSTRUCTIONS



1. Disassemble and Clean:

- Using an adjustable spanner, unscrew the aerator holder.
- Wash the aerator under running water.



2. Assemble:

- Once cleaned, fit cleaned aerator back into the holder.
- Using the adjustable spanner, tighten the aerator holder back into the body.

CARE AND CLEANING OF CHROME AND SPECIAL FINISHES

DO NOT use steel wool or cleansing agents containing alcohol, acid, abrasives, or the like. Use of any prohibited cleaning or maintenance products or substances could damage the surface of the faucet. For surface cleaning of faucet, use ONLY soap and water, then wipe dry with clean cloth or towel. When cleaning bathroom tile, the faucets should be protected from any splattering of harsh cleansers.

TROUBLESHOOTING			
PROBLEM	INDICATOR	CAUSE	SOLUTION
No water coming out of the faucet:	1. Sensor flashes continuously when user's hands are within the sensor's range.	Low battery.	Replace battery
	2. Led in the sensor does not flash once user's hands are within the sensor's range.	Range is too short.	Increase the range
		Range is too long.	Decrease the range
		Battery is completely used up	The battery must be replaced.
		Unit is in "Security Mode" *	
	Sensor is picking up reflections from the washbasin or another object.	Eliminate cause of reflection.	
3. Led in the sensor flashes once when user's hands are within the sensor's range.	The water supply pressure is higher than 500 kPa.	Reduce the supply water pressure.	
Water flow from spout does not stop:	1. Led in the sensor does not flash once when user's hands are within the sensor's range.	Sensor is dirty or covered. **	Clean or eliminate cause of interference.
		Sensor is picking up reflections from the washbasin or another object.	Decrease the range or eliminate cause of reflection.
Water flow diminished		Filter or aerator is clogged	Remove, clean, re-install

* "Security Mode": If the sensor is covered for more than 90 sec. the faucet will automatically shut off water flow.

To return to normal operation remove any blockage.

** In this case, the water flow will stop anyway after 90 seconds due to the security time.

WARRANTY

The warranty set forth herein is given expressly and is the only warranty given by the Galvin Engineering Pty Ltd. With respect to the product, Galvin Engineering Pty Ltd makes no other warranties, express or implied. Galvin Engineering Pty. Ltd. hereby specifically disclaims all other warranties, express or implied, including but not limited to the implied warranties of merchantability and fitness for a particular purpose.

Galvin Engineering Pty Ltd products are covered under our manufacturer's warranty available for download from www.galvinengineering.com.au Galvin Engineering Pty Ltd expressly warrants that the product is free from operational defects in workmanship and materials for the warranty period as shown on the schedule in the manufacturer's warranty. During the warranty period, Galvin Engineering will replace or repair any defective products manufactured by Galvin Engineering without charge, so long as the terms of the Manufacturer's warranty are complied with.

The remedy described in the first paragraph of this warranty shall constitute the sole and exclusive remedy for breach of warranty, and Galvin Engineering Pty Ltd shall not be responsible for any incidental, special or consequential damages, including without limitation, lost profits or the cost of repairing or replacing other property which is damaged if this product does not work properly, other costs resulting from labour charges, delays, vandalism, negligence, fouling caused by foreign material, damage from adverse water conditions, chemical, electrical or any other circumstances over which Galvin Engineering has no control. This warranty shall be invalidated by any abuse, misuse, misapplication, improper installation or improper maintenance or alteration of the product.

