



Product Installation Guidelines & Scope of Use

Document No. 001.00.00.03
Version 1.2, 14th July 2025, Page 1 of 8

Flowmatic™ Lead Safe™ GC20 Hob Basin Tap

PRODUCT CODES

- 151.10.22.00
- 151.10.12.00



SPECIFICATIONS

- Hands free/touch-free, electronically controlled sensor activated
- Chrome plated with a sturdy metal housing
- Check valves and built-in strainers
- 12, 24 or 72-hour hygienic rinse function.
- 151.10.22.00 – Battery power
- 151.10.12.00– Mains power

IMPORTANT: All Flowmatic™ taps are tested in accordance with AS 3718 and leave our premises in good working order.

Our Lead Safe™ product range is compliant with the Lead-Free Requirements of the NCC 2022 Vol. Three, Clause A5G4(2) and NSF/ANSI 372.

WARNINGS: Special attention to be paid on notes, photos, images, or drawings of assembly steps marked with the warning symbol.



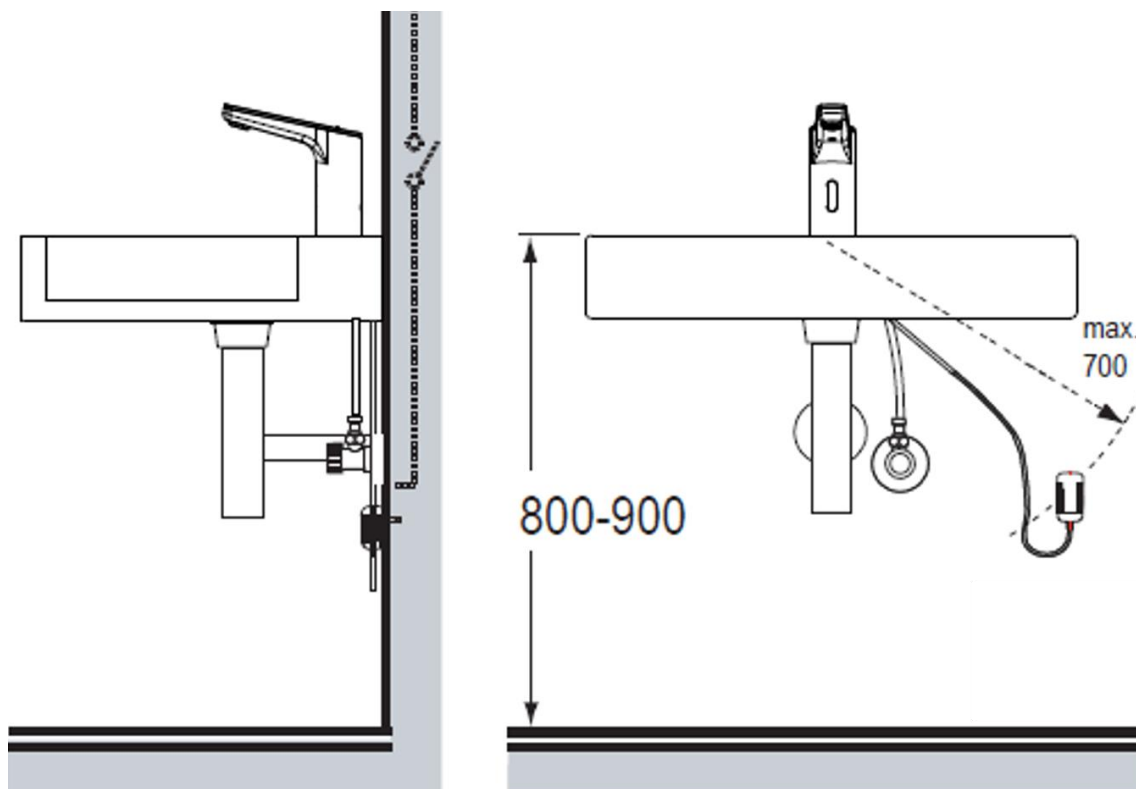
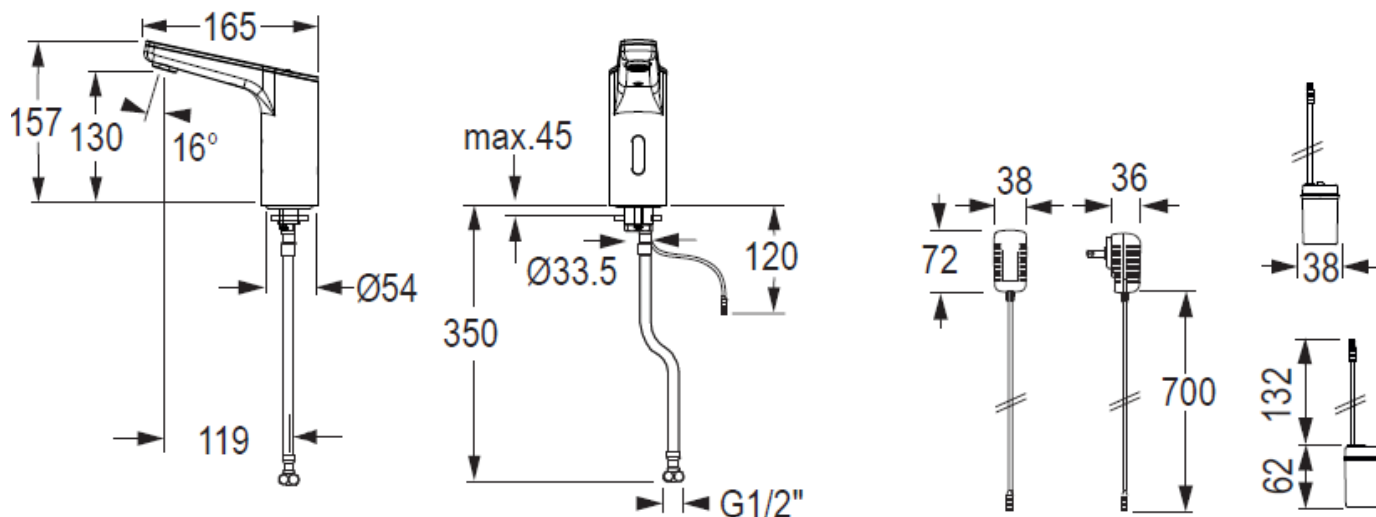
TECHNICAL DATA

Inlet	½" BSP – Flexi-hose	
Outlet	Aerator	
Headwork	Solenoid	
Power Supply (VDC) (151.10.22.00)	6	
Power Supply (VAC) (151.10.12.00)	240	
Working Pressure Range (kPa)	Min	30
	Max	500
Working Temperature Range (°C)	Min	5
	Max	80
Nominal Flow Rate (LPM)	6.0	
Finish	Chrome	

NOTE: Galvin Engineering continually strive to improve their products. Specifications may change without notice.

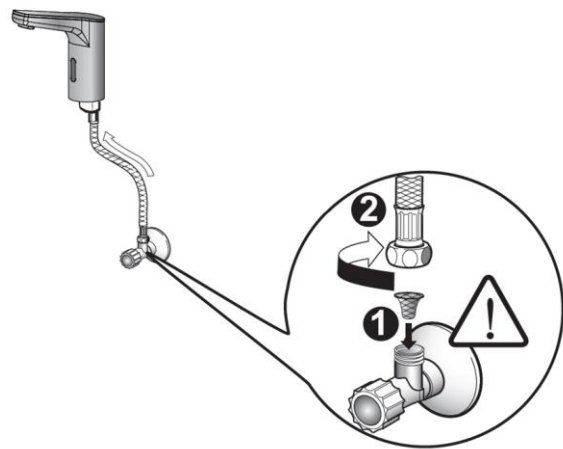
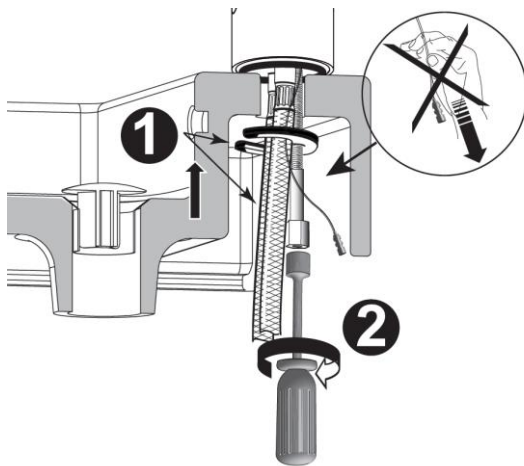
DIMENSIONS

Water pressure for both the hot and the cold-water pipes should be equal.

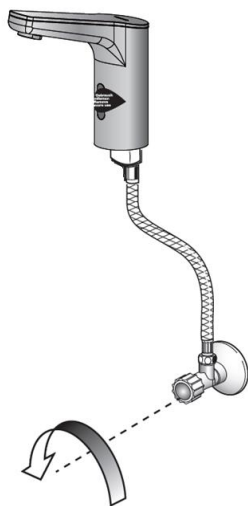


INSTALLATION

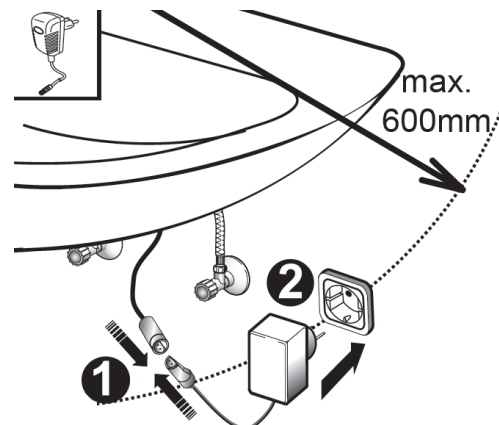
INSTALLATION COMPLIANCE: Galvin Engineering products must be installed in accordance with these installation instructions and in accordance with AS/NZS 3500, the PCA and your local regulatory requirements. Water and/or electrical supply conditions must also comply to the applicable national and/or state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



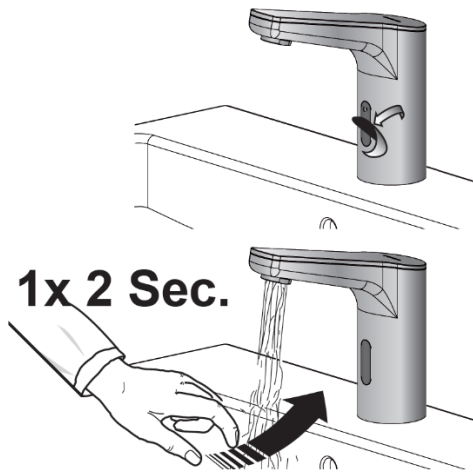
1. Fit tap to basin as shown and connect water ensuring the filter is in place



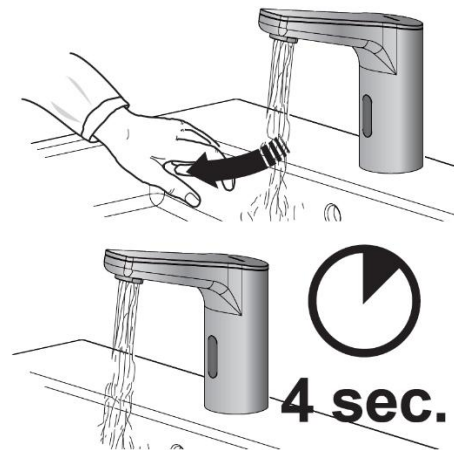
2. Turn on water to the tap



3. Connect transformer to tap and plug in power (151.10.12.00)



4. Remove sensor sticker and place hand for 2 seconds

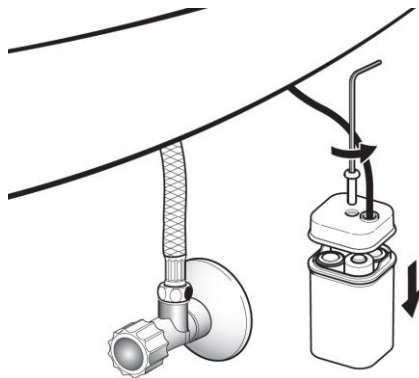


5. Remove hand and wait 4 seconds

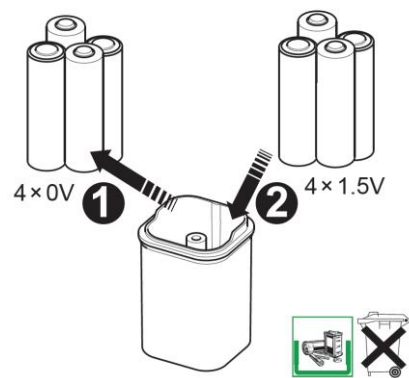


6. After 10 seconds the tap is calibrated and ready to use

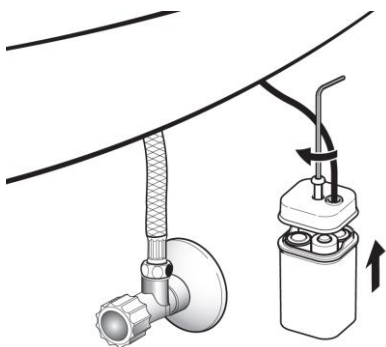
REPLACING BATTERY (151.10.22.00)



1. Remove the screw and top cover as shown



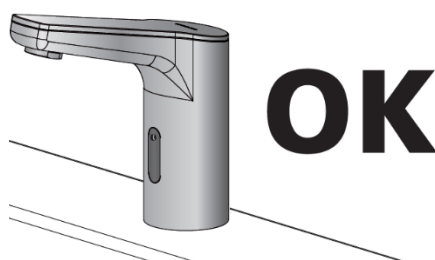
2. Replace batteries as shown ensuring battery polarity is correct



3. Fit top cover and screw as shown

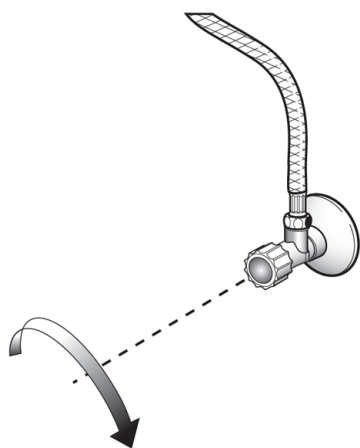


4. Wait 10 seconds

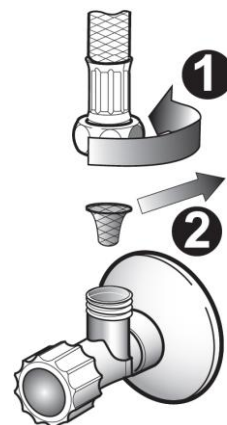


5. Check for correct operation

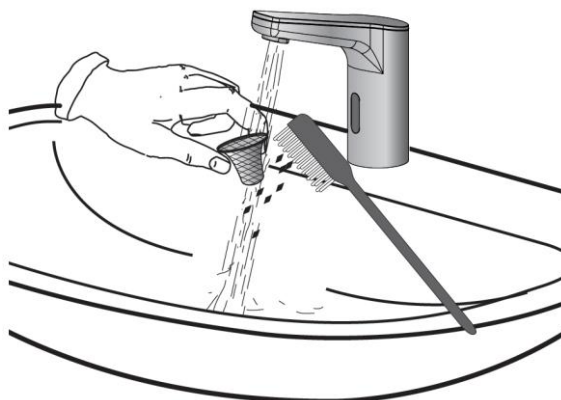
CLEANING FILTERS



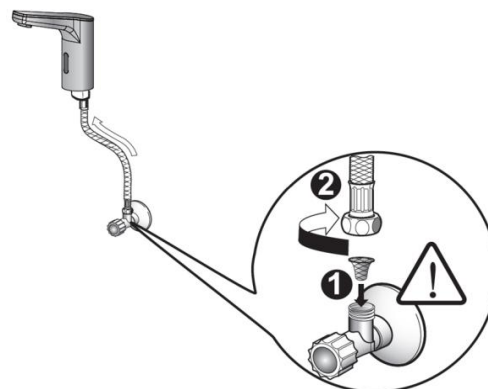
1. Turn off water to tap



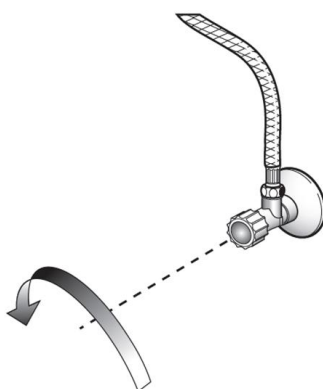
2. Remove inlet hose and locate the filter



3. Clean filter using a brush and water

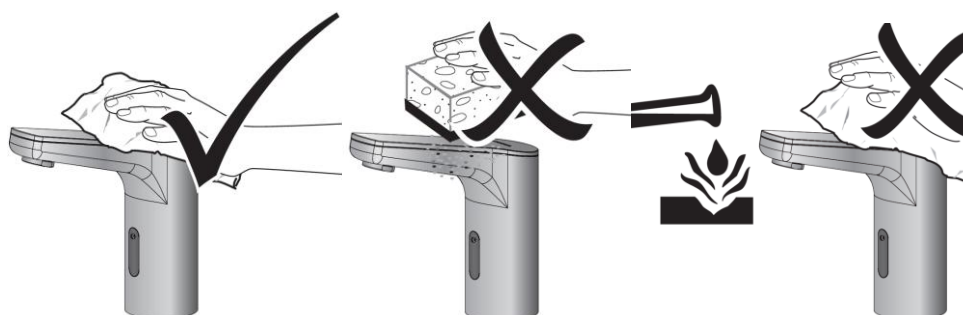


4. Fit filter back in place and connect hose



5. Turn on water inlets and check for leaks and correct operation

CLEANING



Clean using a soft non-abrasive wipe & using a non-flammable and non-corrosive cleaning solution.

ELECTRONIC FUNCTIONS/PROGRAMMING

Symbols	Function	Procedure	Feedback Signal	Information	Default	Setting Range Via Touch
 Touch Function	First Startup <i>after installation</i>	 For 3 sec. until		Remove hand from sensor	-	-
 Water Flows		Wait until	 & 	x 2. Keep sensor clear		
 Water Stops		Wait until	 x 1	Tap ready for operation		
 Trigger Sensor	Temporary Off <i>activate</i>	 For 2 sec. until	 x 1	Extended function mode is active	2 min.	-
 Orange LED Flashes		 x 2		 Pulses whilst active		
 Red LED Flashes	Temporary Off <i>stop</i>	 For 2 sec. until	 x 1	Manual stop		
		Automatic stop	 x 1	Off after preset time		
	Continuous Run <i>activate</i>	 For 2 sec. until	 x 1	Extended function mode is active	2 min.	0.5 - 20 min (in 0.5 min steps)
		 For 3 sec. (max 5 sec.)	 & 	Water flows after releasing (number of  1 - 40 x shows current setting)		
	Continuous Run <i>stop</i>	 For 2 sec.	 & 	Manual stop		
		Automatic stop	 & 	Off after preset time		
	Time control for normal operation <i>set</i>	 For 2 sec. until	 x 1	Extended function mode is active	1 sec.	0 - 10 sec.
		 For 5 sec. until	 x 1	-		
		 0-10 sec. (keep touched)	 & 	 Water flows. Release to define duration		
		After releasing	 x 1	Confirmed. Ready for operation		
	Time of Continuous and line purging water flow	 For 2 sec. until	 x 1	Extended function mode is active	2 min.	0.5 - 20 min. (in 0.5 min. steps)
		 For 3 sec. (max 5 sec.)	 & 	Number of  1x - 40x = current setting		
		 Keep touched until	 1x - 40x	1 x  = 0.5 min. 40 x  = 20 min. Release to define duration.		
		After releasing	 &  x 1	Confirm by repeating number of  1x - 40x)		
	Line purge feature <i>activate/deactivate</i>	 For 2 sec. until	 x 1	Extended function mode is active	Off	Off 12h 24h 48h
		 For 25 sec. until	 1 x - 4 x	 1x = off,  2x = 12h,  3x = 24h,  4x = 48h Ignore flashes after 5 & 10 sec. Keep touched until  1x - 4x after 25 sec. Release to define duration.		
		Wait until	 x 1	Confirmed. Ready for operation		
	Restart electronics	 For 2 sec. until	 x 1	Extended function mode is active	-	-
		 x 2. 0.5 sec.	 x 1	 Pulsing during active function		
		 x 1. For 5 sec. until	 x 4	 x 1/sec.		
		Release and wait until	 & 	 x 1/sec. Keep sensor clear		
		Wait until	 x 1	Confirmed. Ready for operation		
	Sensor Range <i>set</i>	 x 1. For 2 sec. until	 x 1	Extended function mode is active	6	1 - 8 Steps
		 x 2. 0.5 sec.	 x 1	 Pulsing during active function		
		 x 1. For 15 sec. until	 1 x - 8 x	 x 1 = min.  x 8 = max. Ignore flashes  x 4 after 5 sec. Keep touched  until 1 x - 8 x after 15 sec. Release to define sensor range step.		
		Release and wait until	 & 	 x 1/sec. Keep sensor clear		
		Wait until	 x 1	Confirmed. Ready for operation		
	Security off	 Permanent		In-active without movement	Auto	-
	Replace Battery			 x 2 When attempting to activate	Auto	-

TROUBLESHOOTING

PROBLEM	CAUSE	RECTIFICATION
No water flow	Intermittent off is activated	End intermittent off.
	Stop valve closed	Open stop valve.
	Filters clogged	Clean filters. Refer to Maintenance section.
	Power failure	Check power supply.
Tap runs without activation	Reflection from objects	Reduce sensor range
	Automatic flush activated	
Water continually runs	Valve soiled or damaged	Clean or replace valve.
Faucet is dripping	Spray head is clogged	Replace spray head
	Dirt on solenoid valve diaphragm	Clean solenoid valve diaphragm
Red LED flashes during use	Battery flat	Replace battery

WARRANTY

Galvin Engineering products are covered under our Manufacturer's Warranty. Galvin Engineering products must be installed in accordance with the installation instructions and in accordance with AS 3500 and NCC Volume Three, relevant Australian Standards and local authorities applicable to product being installed. Water and electrical supply conditions must also comply to the applicable national and/or state standards, failing to comply with these provisions may void the product warranty and affect performance of the product.

Please visit www.galvinengineering.com.au to view the full warranty, our Installation Compliance and Maintenance & Cleaning information as well as any other additional information.

Within Australia: **1300 514 074** Outside Australia: P: **+61 (0)8 9338 2344**

F: **+61 (0)8 9338 2340**

sales@galvinengineering.com.au

www.galvinengineering.com.au

ABN: 78 008 719 382

PERTH | SYDNEY | MELBOURNE | BRISBANE | ADELAIDE

