



Product Installation Guidelines

Document No. 001.00.00.04
Version 1.2, 22nd August 2025, Page 1 of 8

Flowmatic™ Lead Safe™ Flamingo IR FL20 Basin Tap

PRODUCT CODES

- 151.11.22.00
- 151.11.12.00



SPECIFICATIONS

- Single temperature.
- Double infrared sensor with automatic setting feature.
- Check valve & built-in strainer.
- 12, 24 or 72-hour hygienic rinse function.
- 151.11.22.00 – Battery powered
- 151.11.12.00 – Mains powered

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.

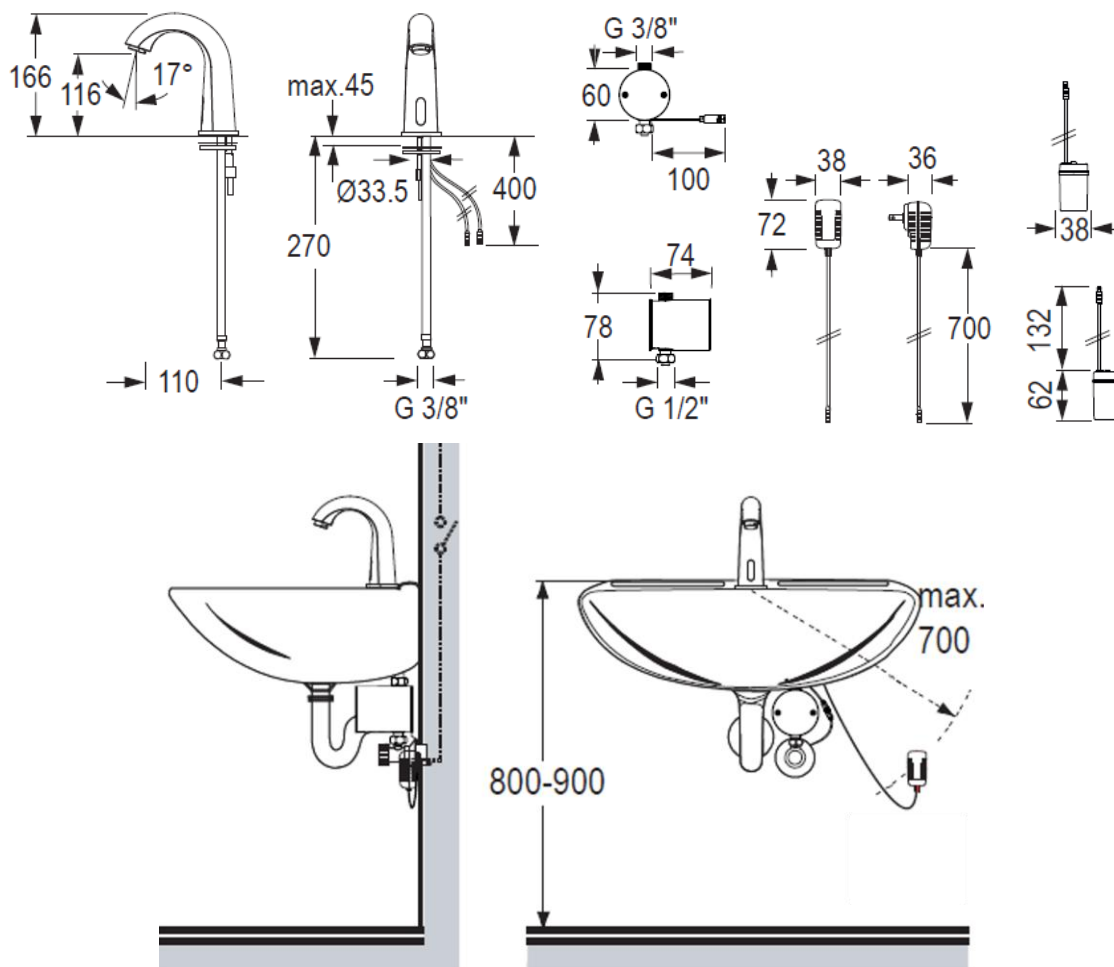


TECHNICAL DATA

Inlet	½" BSP - Female	
Outlet	Aerator	
Headwork	Solenoid	
Power Supply (VDC) (151.11.22.00)	6	
Power Supply (VAC) (151.11.12.00)	240	
Working Pressure Range (kPa)	Min	30
	Max	500
Working Temperature Range (°C)	Min	5
	Max	80
Nominal Flow Rate (LPM)	4.3	
Finish	Chrome	

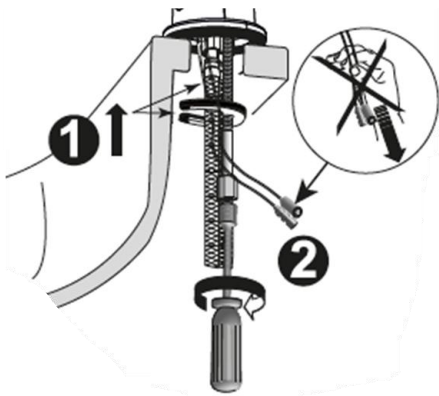
NOTE: Galvin Engineering continually strive to improve their products. Specifications may change without notice.

DIMENSIONS

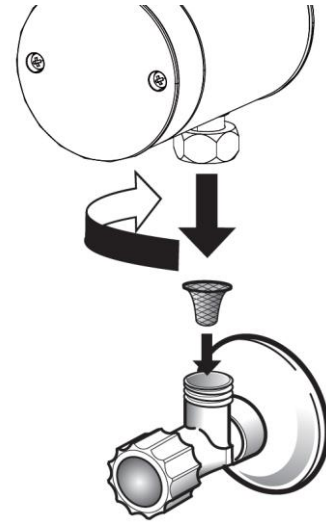


INSTALLATION

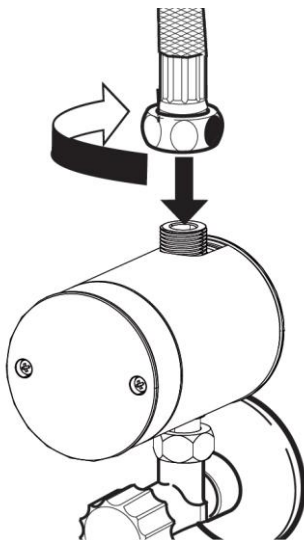
INSTALLATION COMPLIANCE: Galvin Engineering products must be installed in accordance with these installation instructions and in accordance with AS/NZS 3500, the PCA and your local regulatory requirements. Water and/or electrical supply conditions must also comply to the applicable national and/or state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



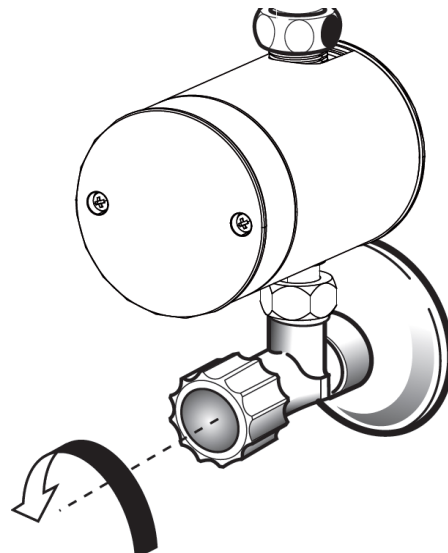
1. Fit tap to basin as shown



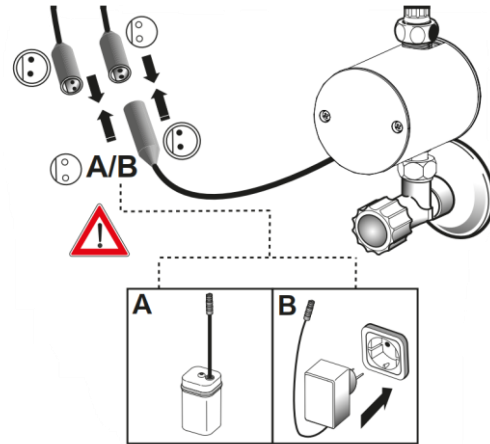
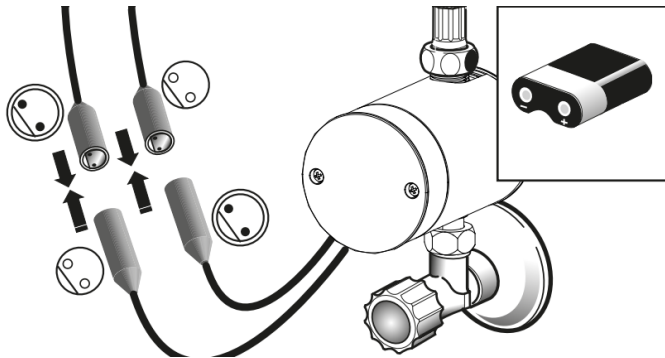
2. Connect solenoid to mains water ensuring the strainer is in position



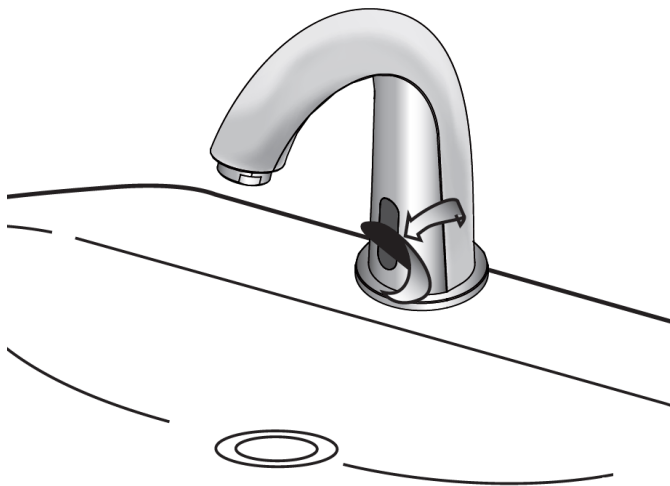
3. Connect flexi-hose to solenoid



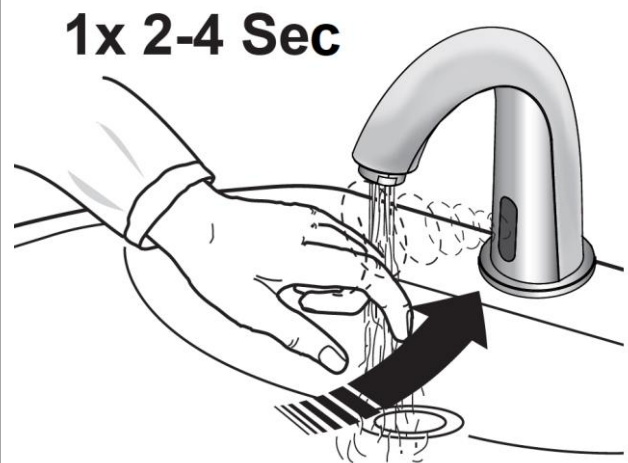
4. Turn on water



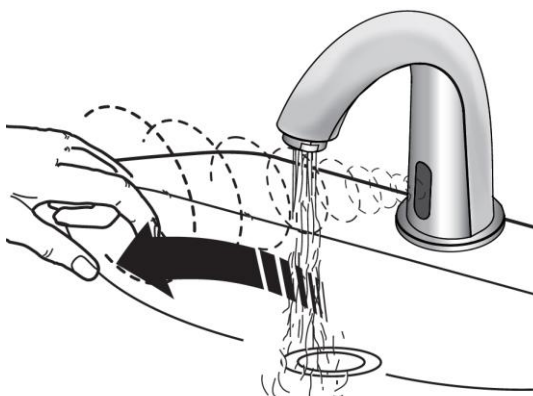
5. Connect transformer (151.11.12.00) or battery (151.11.22.00) to solenoid.



6. Remove the sticker from the sensor

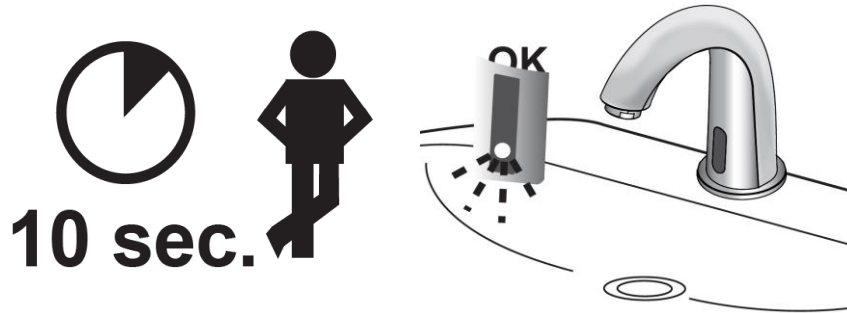


7. Place hand for 2 to 4 seconds



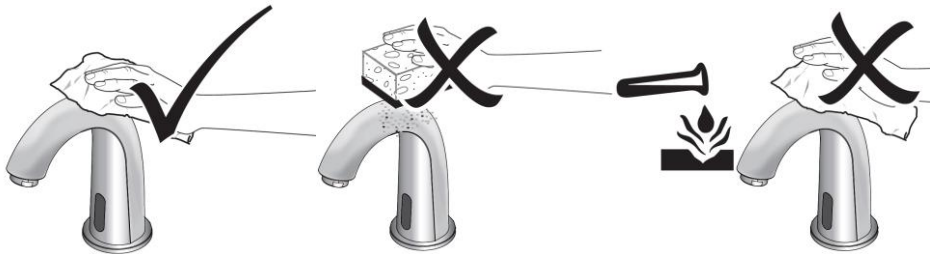
8. Remove hand and wait 4 seconds



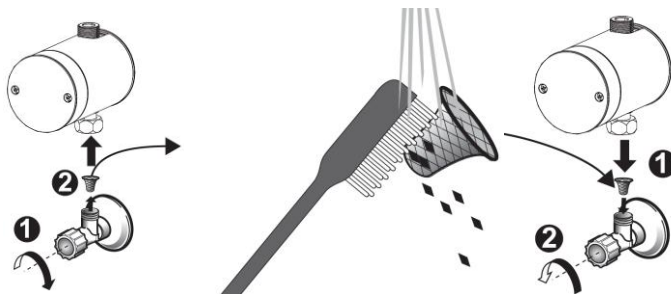


9. Once the green light flashes, the tap is ready for operation

MAINTENANCE

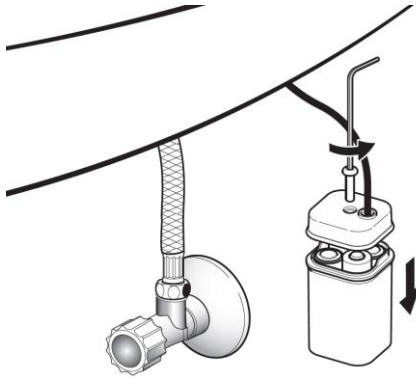


Clean using a soft non-abrasive wipe & using a non-flammable and non-corrosive cleaning solution.

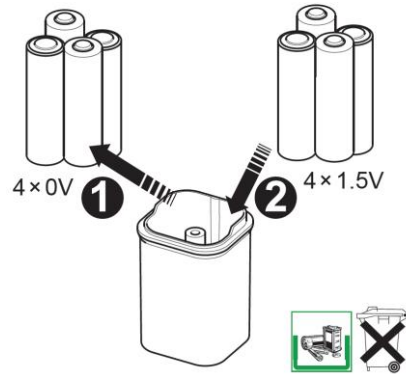


The inlet strainer should be cleaned as shown periodically to ensure continued correct operation.

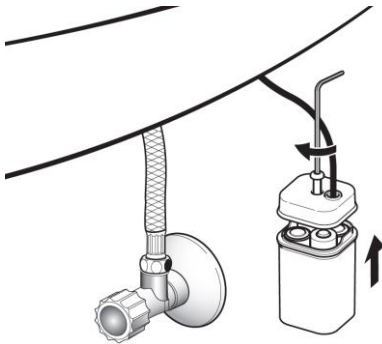
REPLACING BATTERY (151.11.22.00)



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



5. Check for correct operation

ELECTRONIC FUNCTIONS/PROGRAMMING

Symbols	Function	Procedure	Feedback Signal	Information	Default	Setting Range Via Touch
 Touch Function	First Startup after installation	 For 3 sec. until		Remove hand from sensor	-	-
		Wait until	 & 	x 2. Keep sensor clear		
		Wait until	 x 1	Tap ready for operation		
 Water Flows	Temporary Off activate	 For 2 sec. until	 x 1	Extended function mode is active	2 min.	-
 Water Stops		 x 2		 Pulses whilst active		
 Trigger Sensor	Temporary Off stop	 For 2 sec. until	 x 1	Manual stop		
 Orange LED Flashes		Automatic stop	 x 1	Off after preset time	2 min.	0.5 - 20 min (in 0.5 min steps)
 Red LED Flashes	Continuous Run activate	 For 2 sec. until	 x 1	Extended function mode is active		
		 For 3 sec. (max 5 sec.)	 & 	Water flows after releasing (number of  1 - 40 x shows current setting)		
	Continuous Run stop	 For 2 sec.	 & 	Manual stop	1 sec.	0 - 10 sec.
		Automatic stop	 & 	Off after preset time		
	Time control for normal operation set	 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 activate/deactivate	 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 set	 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 light flashes while using	Battery is 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.