

# Flocca Flow - Quick Maintenance Guide

**PERFORM WEEKLY OR PRIOR TO RAINFALL**

## 1. SOLAR PANEL

- » Check solar panel faces north
- » Ensure no shadow on panel as this can significantly effect the solar panel efficiency
- » Check cable attached on underside of Flocca unit
- » Wipe down glass panels to ensure free of dust



## 2. INSTALL OUTLET ASSEMBLY

- » Check IBC level is sufficient for next rainfall event
- » Top up or replace IBC if needed
- » Turn elbows down to allow IBC to drain when nearly empty
- » Replace flow meter or solenoid if these are more than 12 months old or 6 months on high-use sites



## 3. CHECK ULTRASONIC SENSOR AND INLET

- » Check that ultrasonic is mounted securely in pipe / over channel
- » Tighten the nuts if needed
- » Check that ultrasonic cable is attached to correct socket
- » Make sure that pipe and channel are clear of any debris and sediment

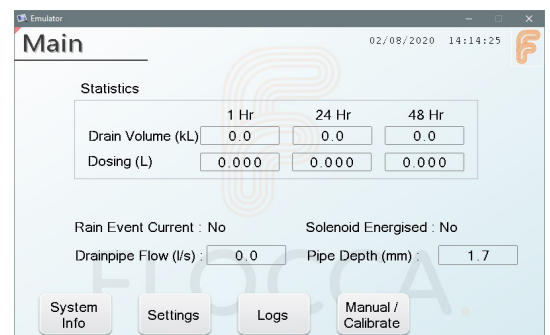


## 4. TURN ON FLOCCA

- » Open external door with key
- » Check unit is switched on

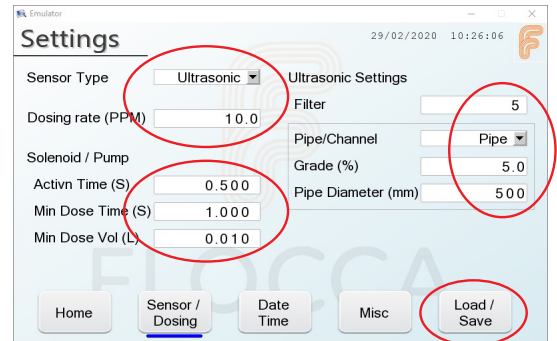
## 5. CHECK MAIN SCREEN

- » Any recent flow and dosing data will be displayed in the statistics
- » Check if there is any dose pending (there could be a very small negative amount, like -0.050, this is OK)
- » If there is an alarm showing, go to System Info – Alarms to clear by unticking the box
- » The most common cause of an alarm is insufficient chemical in the IBC, which causes the system to not register any flow through the outlet. Refer to manual for further info on clearing alarms



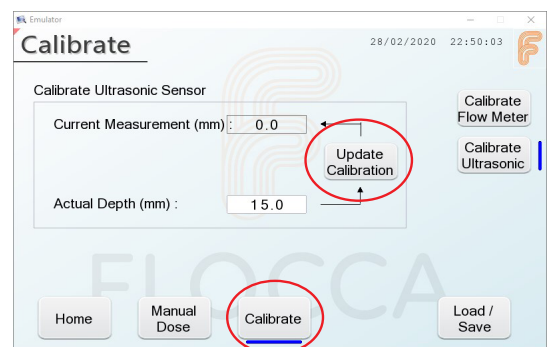
## 6. CHECK SETTINGS

- » From Main Screen, go to Settings
- » Check input settings are correct as per setup



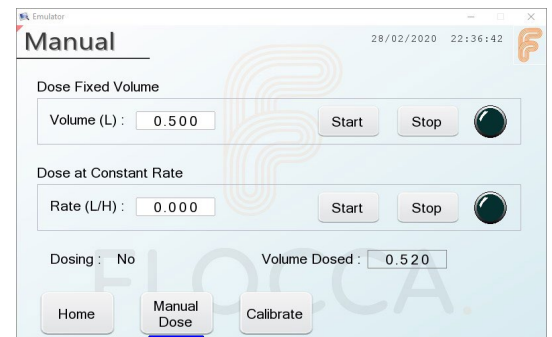
## 7. CALIBRATE ULTRASONIC

- » The ultrasonic is very sensitive and this calibration should be performed regularly. The value can become inaccurate from the smallest movement in the pipe or the sensor itself
- » From Main Screen, go to Manual Calibrate
- » Select Calibrate Ultrasonic
- » Enter Actual Depth (mm) as 0
- » Select Update Calibration
- » Actual depth would only ever have a value if there is water standing in the pipe at time of installation



## 8. MANUAL (TEST) DOSE

- » Place measuring jug (min. 1 L at outlet hose)
- » From Main Screen, go to Manual/Calibrate
- » Dose Fixed Volume (L) – enter 0.5 L
- » Press Start (No need to press Stop, dosing will stop automatically)
- » This first dose will fill any voids in the outlet assembly and hose
- » Return chemical to IBC and place measuring jug at outlet again
- » Dose Fixed Volume (L) – enter 0.5 L. Press Start
- » No need to press Stop, dosing will stop automatically
- » Check that volume in jar matches fixed volume, within 10%
- » Press Home - finished, your Flocca is good to go



## 9. PRIOR TO STORAGE

Whilst unit is still setup, it is recommended to rinse out solenoid and flow meter to remove chemical residue:

- » Close IBC valve and detach camlock
- » Whilst flow meter and solenoid still attached to controller (but not to IBC), perform dummy manual test dose to open solenoid, using value of 1L or more
- » With jug pour water through flow meter and solenoid to rinse out and remove residue
- » Repeat if needed
- » Dry with towel and pack away