

# Flocca Rain - 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 (do not put panel behind bucket)
- » Check cable attached on underside of Flocca unit
- » Wipe down glass panels to ensure free of dust



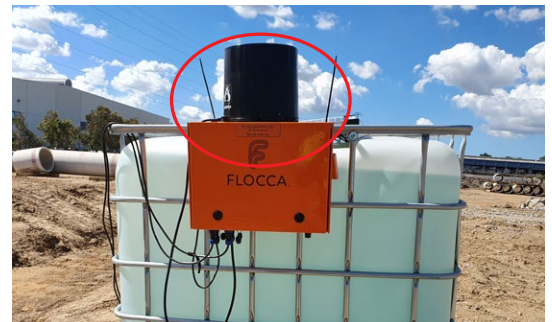
## 2. OUTLET ASSEMBLY / IBC / HOSE

- » 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. TIPPING BUCKET

- » Check tipping bucket is mounted securely on top of Flocca unit or level platform
- » Check the tipping bucket is as close to horizontal as possible
- » Check tipping bucket cable is attached to correct socket
- » DO NOT pour water through the bucket (like never!)

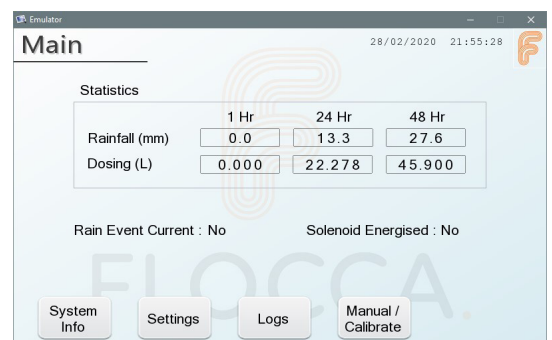


## 4. TURN ON FLOCCA

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

## 5. CHECK MAIN SCREEN

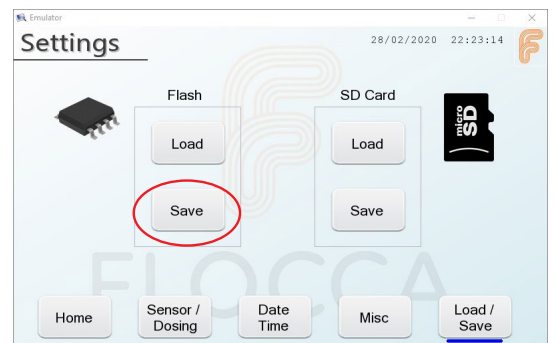
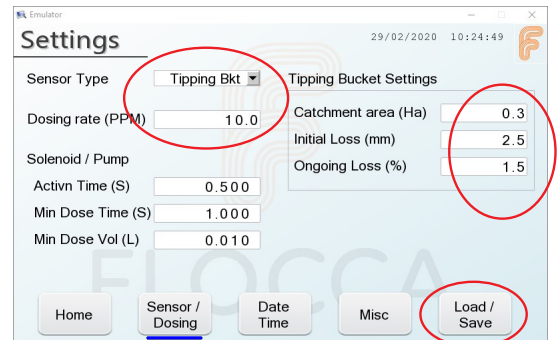
- » Any recent rainfall data and dosing will be displayed in the statistics
- » Check if there is any dose pending (there could be a very small negative amount, like -0.050, this is OK)
- » If there is an alarm showing, go to System Info – Alarms to clear by unticking the box
- » The most common cause 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

To check system is working correctly, perform manual test dose



## 7. MANUAL (TEST) DOSE

- » Place measuring jug (min. 1L 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 may 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 for the next rainfall event



## 8. 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