

Flow sensor Calibration report

The Calibration was performed with an ½ inch liquid flow sensor under on an agricultural drone with 15L liquid tank, liquid pump and 4 sprinklers.

Sensor: ½ inch liquid flow sensor.

Tank capacity: 15L.

Tank empty time for 15L: 4:59 (MIN:SEC).

Changed Mission Planner parameter: BATT_AMP_PERVLT.

Parameter Range (Only for this drone): 0.1 – 0.99

Parameter Value: 0.51

Test:

Parameter Value (Before calibration)	Remaining liquid in the tank	Parameter Value (After calibration)	Remaining fuel showed on mission planner in %
0.86	3.8L	0.36	0%
0.36	0L	0.62	35%
0.62	1.9L	0.45	0%
0.45	0L	0.51	10%
0.51	0L	0.51	0%

Flow sensor successfully calibrated at value parameter value **BATT_AMP_PERVLT = 0.51.**

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