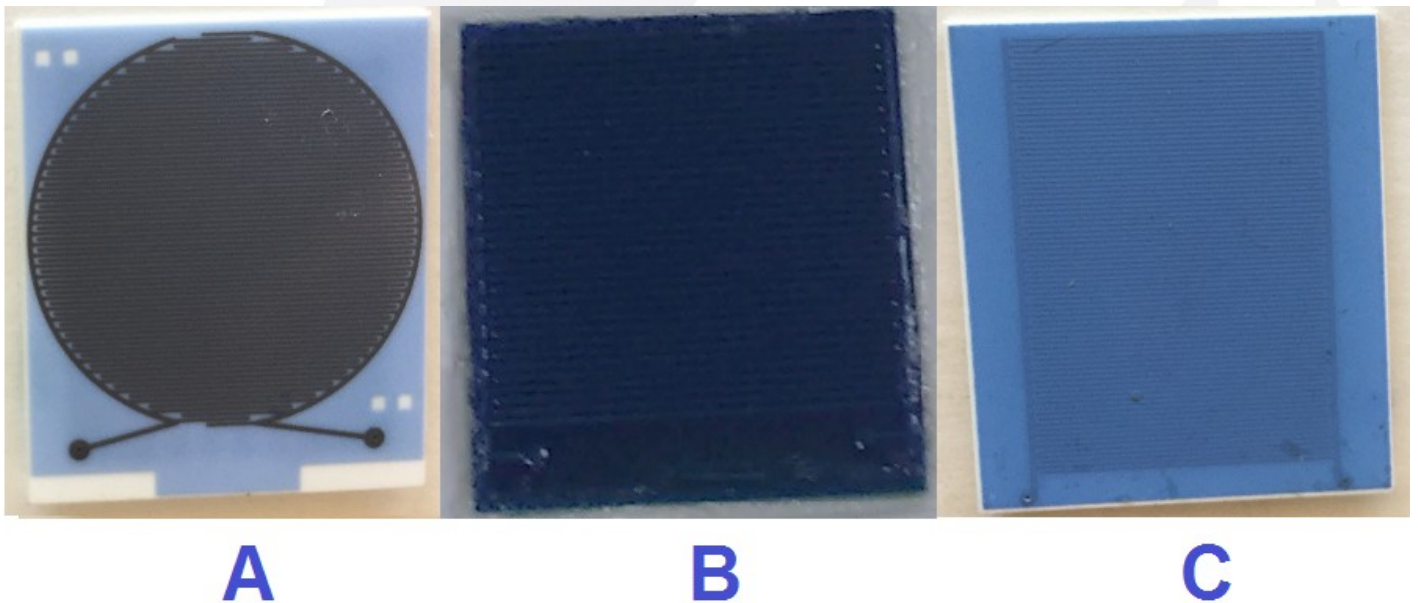


# Rain sensor calibration for the CloudWatcher

*Last update 14/Aug/2018*

Your CloudWatcher may have one of 3 different rain sensor models:

- A) Older units, up s.n. 1254 (Sept. 2017)
- B) From 1255 to 1339 (late 2017 / early 2018)
- C) Current, from 1340 onwards



While the 3 models are similar, they behave slightly different. There are just 3 parameters in the software that may need adjusting, the dry/wet/rain limits

Default values are:

- Sensors A: 2000, 1700, 400
- Sensors B: 4300, 3900, 0
- Sensors C: 2000, 1700, 0

specially note the **value of 0 is valid** for sensors B and C.

These limits will work nicely in most of the cases. For sensors of the “B” series, that are a tad less uniform, or if you want more accuracy or just enjoy tweaking, you can *calibrate* it yourself.

To do so, just place your CloudWatcher over a table, connect the software, and make sure the rain sensor is dry – do not touch its surface with your bare fingers.

Now note the rain sensor reading.

With a stick, the tip of your pen, or similar, place a small drop of water on the surface of the sensor. Wait a few seconds and take note of the new reading. Should be 100 or so lower than the previous one.

Now place 2 or 3 big drops of water, wait a bit, take note again. Now the value should have dropped quite a lot (thousands).

To configure the software, use a value between the first (*100% dry*) and the second as the limit (*dry >*), and a value between the second reading (with the small drop) and the third one (lowest value) as the “*wet more than*” value, and, lastly, 0 as the “*rain more than*” (in Windows, the 0 is entered in the Setup tab, Alarm section).

