Urban Microclimate Sensor Assembly Instructions

CAUTION!

Requires adult supervision. This kit contains small parts and a button cell battery. Dispose of the battery properly and keep out of reach of children. If swallowed, contact a physician immediately.

1 Parts Check

Sensor x 1

Long bolt x 1

Black plate x 3

White plate x 5

Spare CR2032 Battery x 1

Plastic bag x 3

Dome Washer x 6

Flat Washer x 1

Spacer tube x 1

Hex nut x 1

Tripod x 1

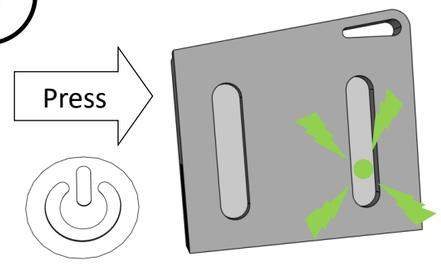
2

Scan QR code below to install the Urban Microclimate App. OR type the URL below into your browser.

Android users
bit.ly/CSSAndroid

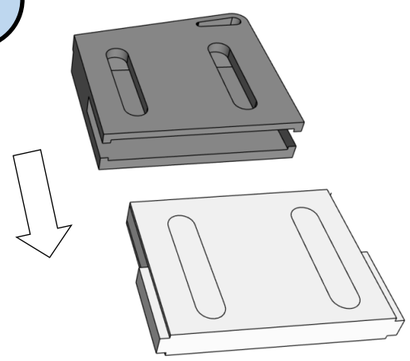
iOS (Apple) users
bit.ly/CSSApp

3



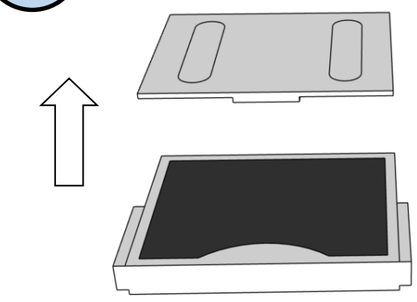
Press button for 1 second. If flashing GREEN then proceed to Step 7. If not, change battery as shown in Steps 4, 5 & 6.

4



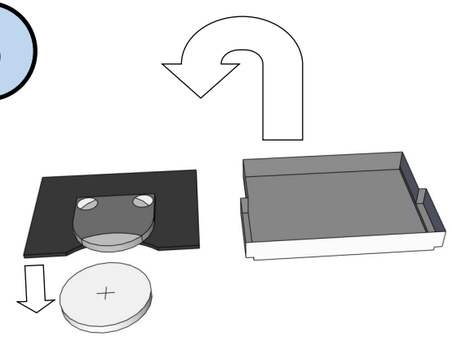
Remove sensor from red cover.

5



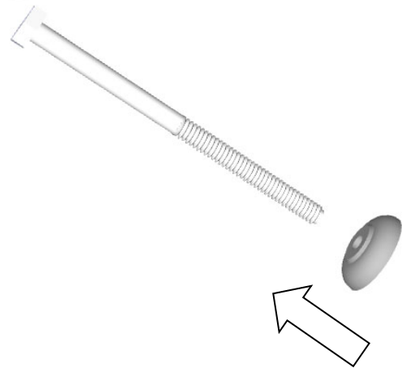
Remove clear plastic cover from sensor.

6



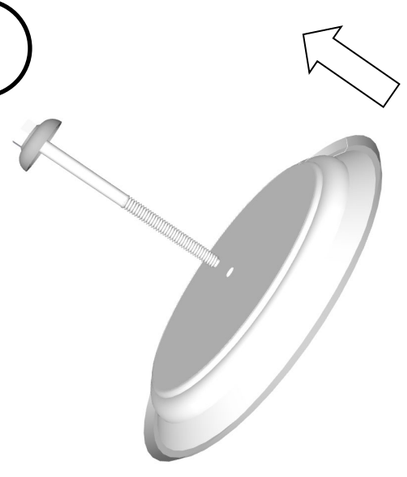
Remove sensor board from plastic case and replace battery with spare provided. Reassemble and retest (Step 3).

7



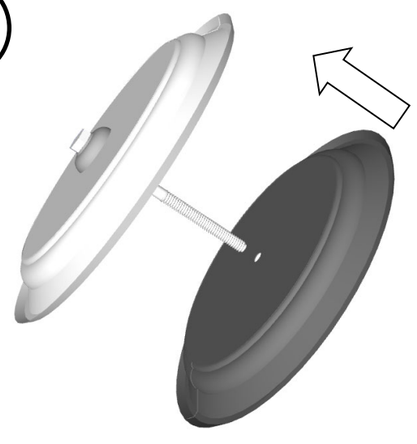
Add Dome Washer to the Long Bolt.

8



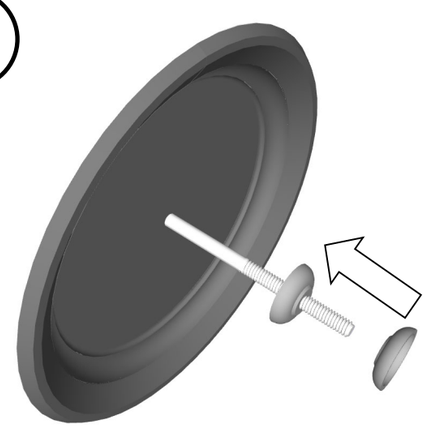
Add 1x White Plate.

9



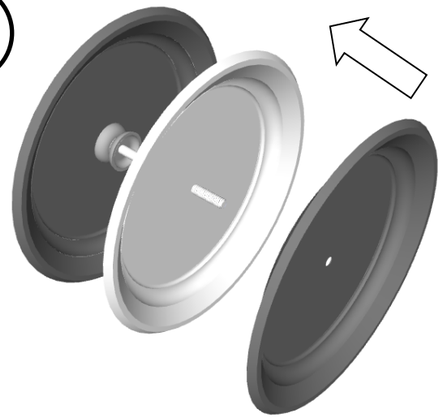
Add 1x Black Plate.

10



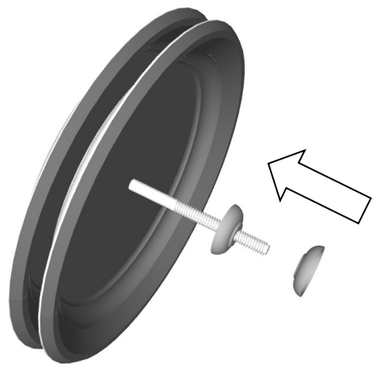
Add 2x Dome Washers, as shown.

11



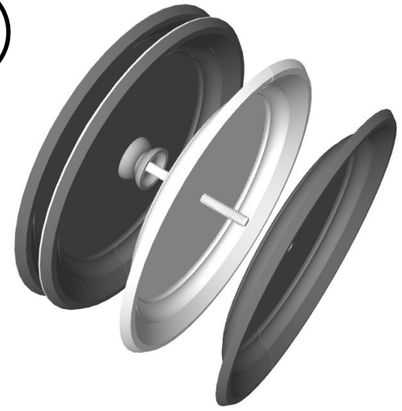
Add 1x White Plate and 1x Black Plate.

12



Add 2x Dome Washers, as shown.

13

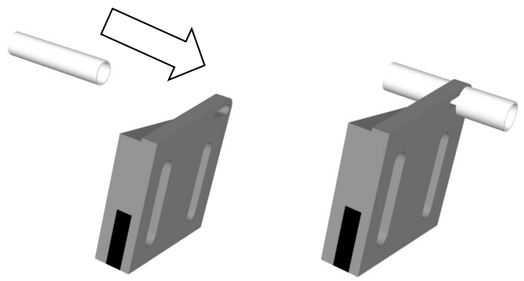


Add 1x White Plate and 1x Black Plate.

14

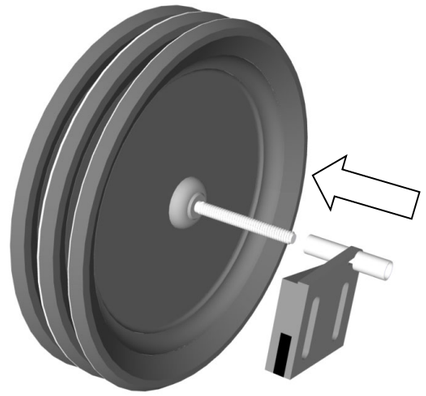
Add 1x Dome Washer, as shown.

15



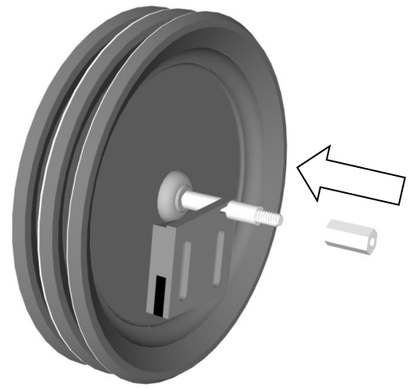
Insert Spacer Tube into Sensor.

16



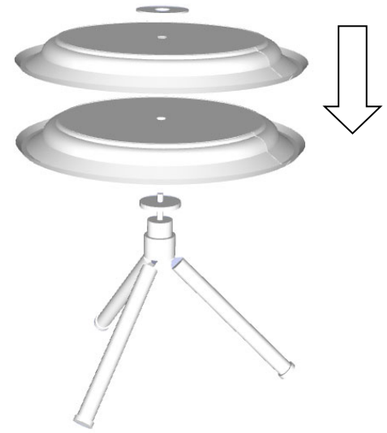
Add Sensor and Spacer Tube to the plate assembly.

17



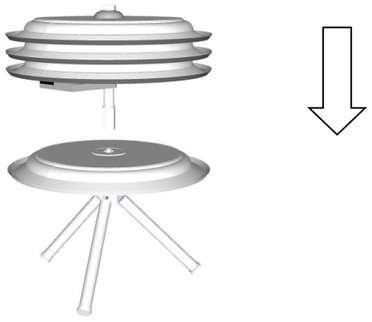
Add the Hex Nut. Screw on 3 to 4 turns.

18



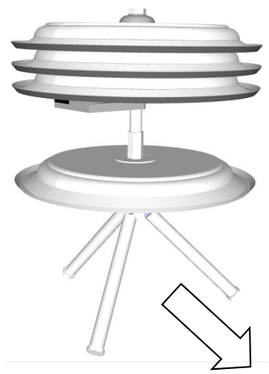
Add 2x White Plates and the Flat Washer to the Tripod.

19



Add the plate and sensor assembly (from Step 17) the tripod assembly (from Step 18). Screw together until snug.

20

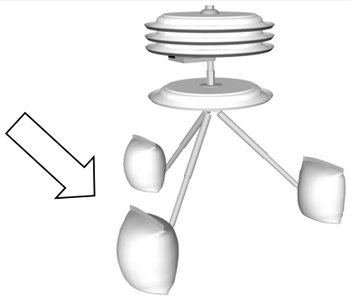


Extend the legs on the tripod.

21

You can use the sensor like this if it is not too windy. If using in windy conditions use the bags as shown in Step 17.

22



Fill the 3x Plastic Bags provided with sand, dirt or rocks and place one over each leg. You are now ready for some experiments!