

# ***Airstream Service Awareness Bulletin 179***

**Product Line: Airstream Interstate 19**

**Attention: Airstream Dealers**

It has come to our attention that the rain sensor on the Fantastic Fan for the Airstream Interstate 19 may not trigger when moisture is present. This will cause the lid not to close when raining.

Below is the procedure guide for the modifying the rain sensor wiring in the Interstate 19.

Please contact the Airstream Customer Service office at 937-596-6111 ext. 7401 with any questions.

## **RANGE OF VEHICLES INVOLVED:**

Airstream Interstate 19 Released prior to 7/12/2019

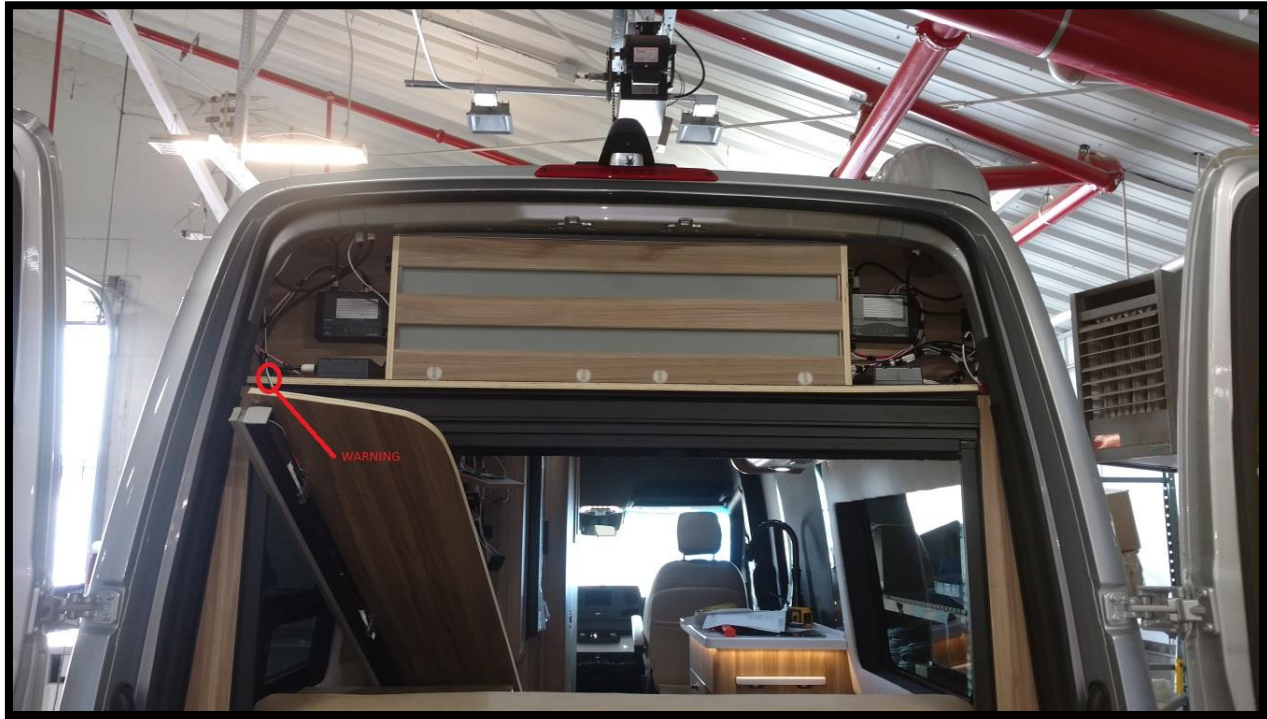
## **Equipment needed:**

- Battery powered drill with a Phillip's head bit and/or Phillip's head screwdriver
- Wire Cutters/strippers
- Heat-Shrink Butt Splices
- Micro SD card

**Step 1:** Remove brown, plastic, screw covers as shown in pictures 1a and 1b to reveal screws and remove screws. Picture 1 indicates the general location of these covers with red arrows, but doesn't show visibility to them.



**Step 2:** After removing the screws, pull off the wooden cover to reveal electronic components as shown in the picture below. **WARNING:** Remove this cover with caution. Protect the lounge area with a cover. There are two wires attached to the board shown in picture 2, and pulling the cover off with too much force could damage connections.



**Step 3:** Bring your attention to electronic components on left side, as shown in the picture below. Remove the cover on the module at the bottom on the red circle in the picture.

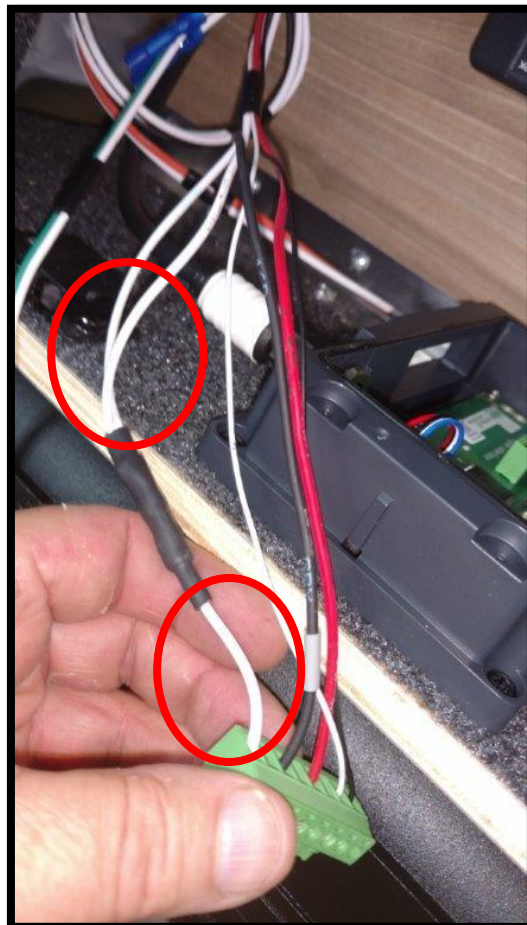




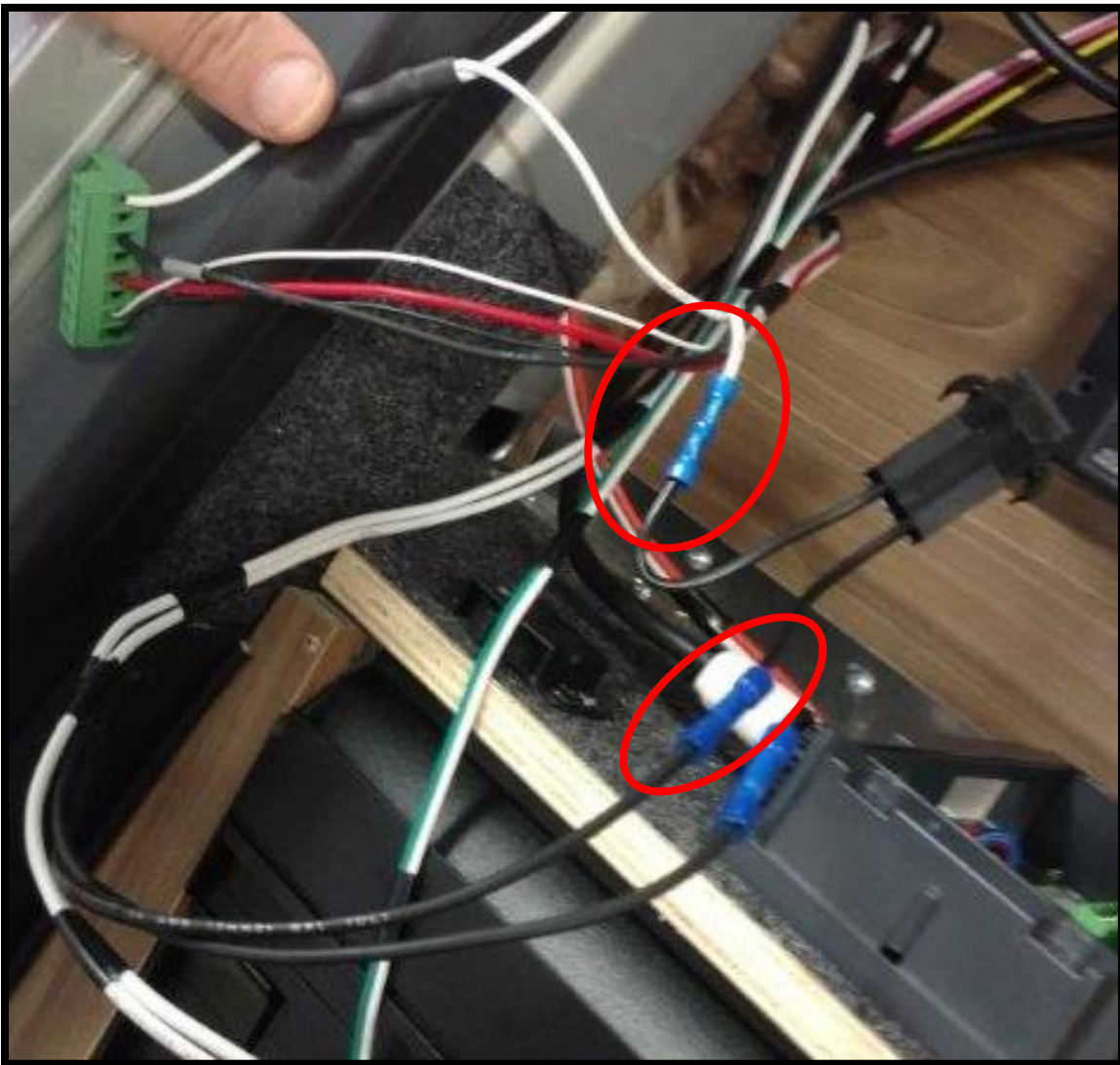
Removing this cover will reveal a green connector attached to a printed circuit board.



**Step 4:** Remove the green connector and bring attention to the thicker white wire that has black heat shrink with two other white wires coming out of it (shown in picture). One of these two white wires coming out of the other side of the heat shrink is labeled 150b. Cut this wire and attach separate butt splices to each end.



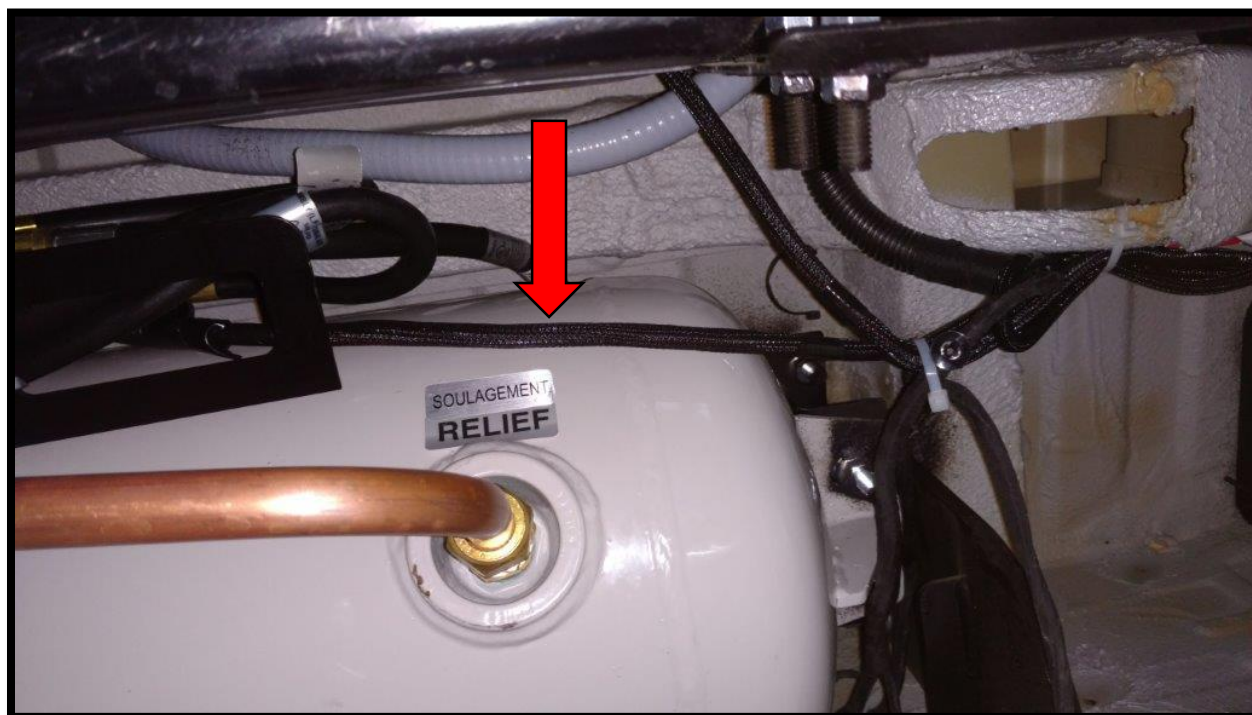
**Step 5:** Locate two black wires with preexisting butt splices. One of these black wires is labeled 7. Connect an in-line fuse (rated for 1 Amp) to the other end of black wire 7's preexisting butt splice. Connect the other end of this in-line fuse to the end of white 150b that is not still connected to the green connector mentioned previously.



**Step 6:** Everything in this area is now completed. Reconnect the green connector as found (making sure it is ran through the hole on the black module so its cover can go back on) and put the module cover back in place. Reattach the wooden cover, **making sure that no wires get crushed** in the process. Screw wooden cover back in and put the brown screw covers back in place.



**Step 7:** Moving to the area of the LP Tank, locate the wire loom running horizontally along the tank.



**Step 8:** Cut the wire loom and pull out, cut and strip the two wire wires.



**Step 9:** Using heat-shrink butt connectors, isolate and cap off the wire labelled 150B that runs toward the rear of the coach. Connect the remaining 3 wires together as shown below

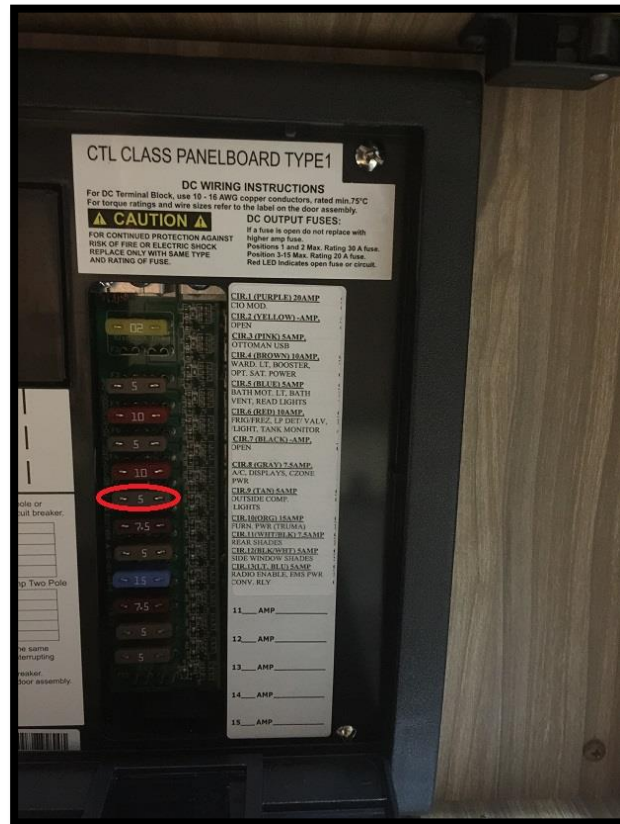


**Step 10:** Moving to the inside of the coach, locate the fuse panel under the seat next to the kitchen stove as shown in the picture below.

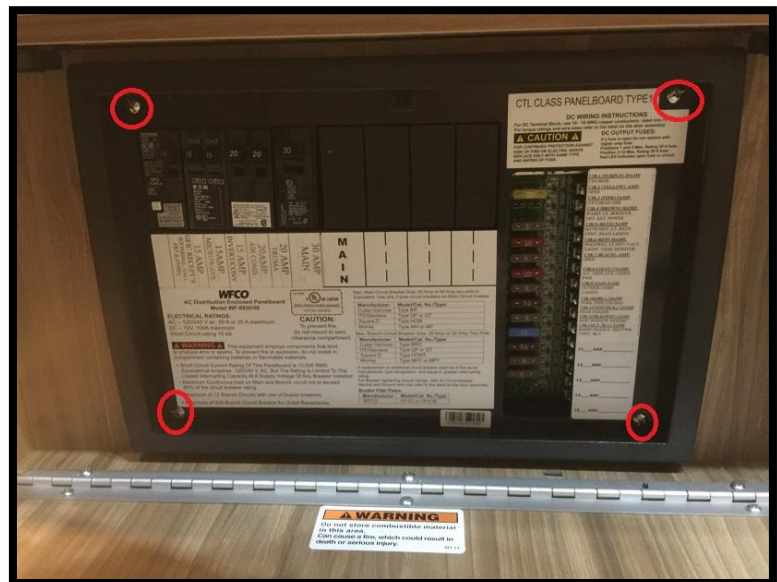
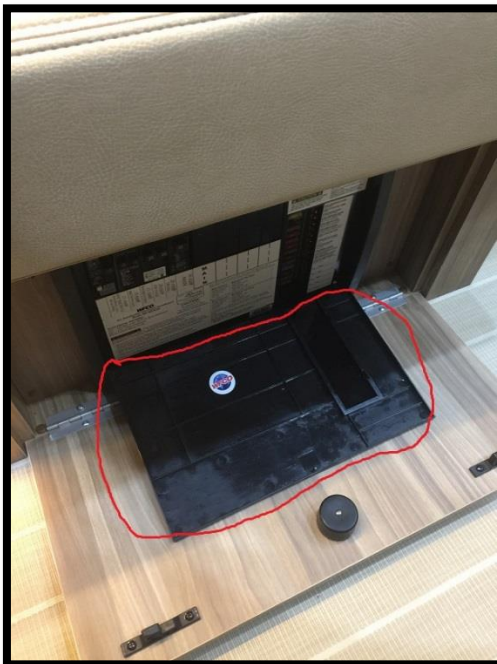




You will see the column of fuses pictured below, labelled with their respective circuits. If there is no fuse in the spot for circuit 7, insert a 5-amp fuse. If the preexisting fuse is not 5 amp, replace with 5 amp fuse

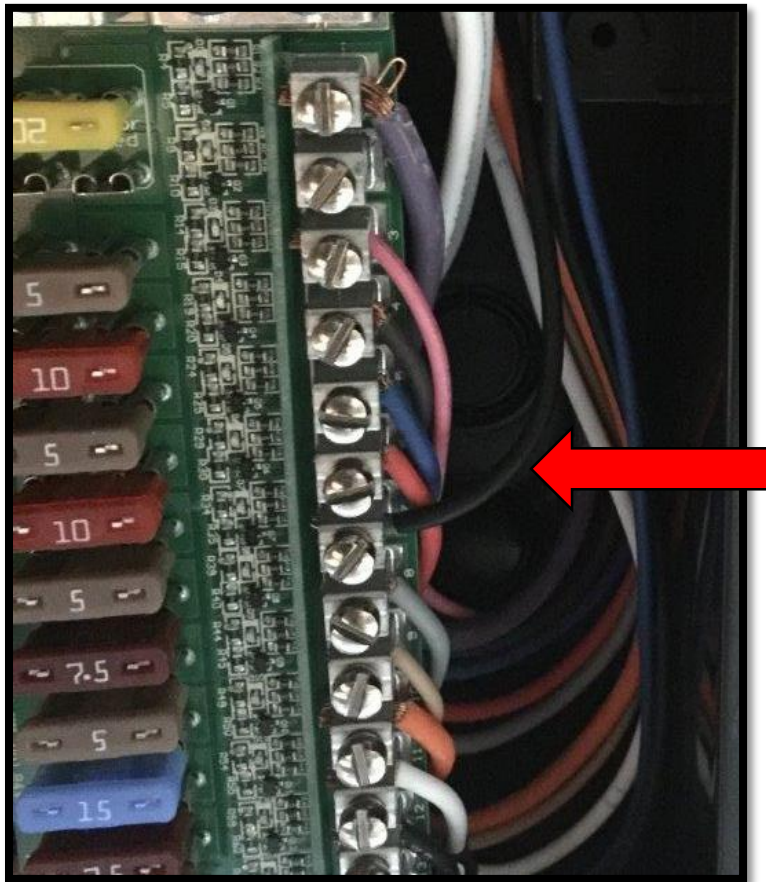


**Step 11:** Gently take off the door to the fuse panel shown in the picture. Take out the screws holding on the fuse panel cover shown in picture.



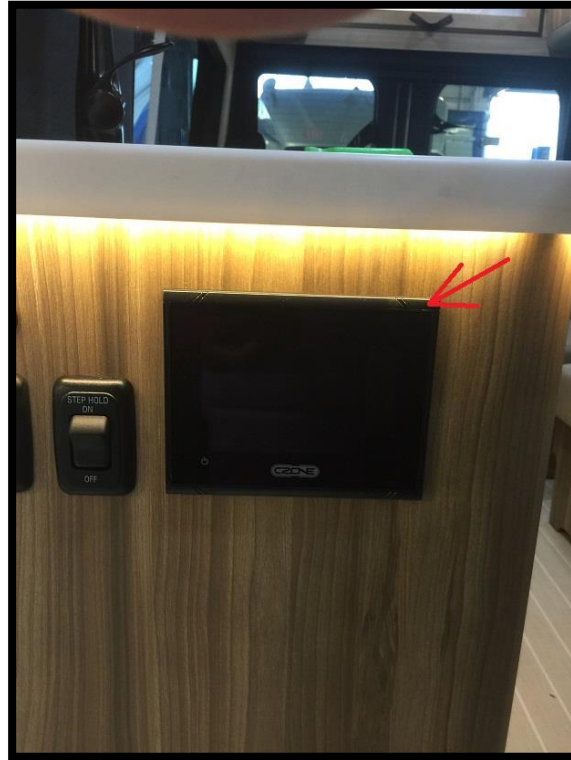


Verify that the black wire in the picture below is connected as shown, corresponding with the fuse inserted in the previous step into circuit 7. If it is not, there should be a black wire back there labeled 7. Connect that as shown.



**Step 11:** Reattach fuse panel cover and door. Close fuse panel and wooden door cover

**Step 12:** Move to the CZone module next to the main disconnect, as shown in the picture below. Remove the plastic frame (flathead screwdriver may be required).



Remove the plastic frame (flathead screwdriver may be required). This reveals 4 screws as shown in the picture. Remove these screws in order to take out the CZone module.

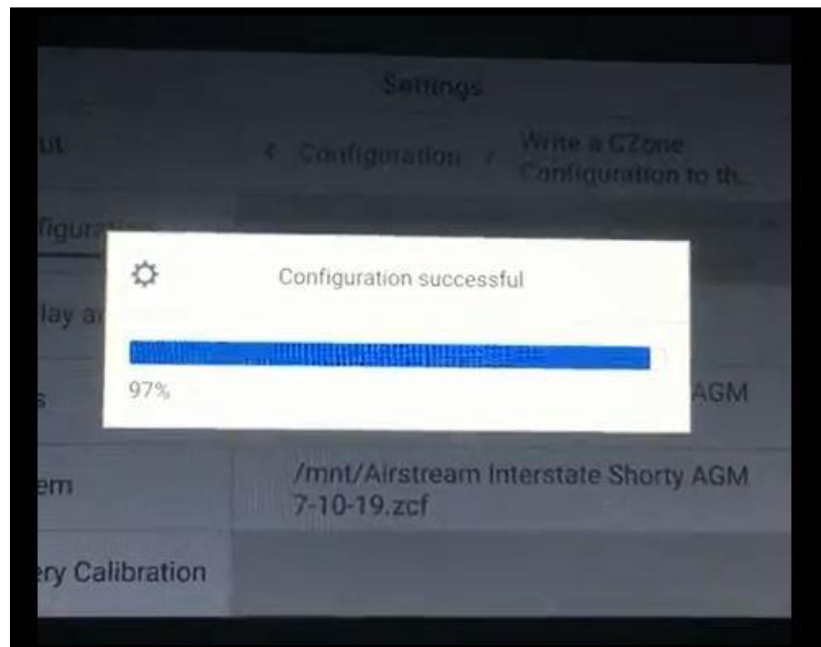




**Step 13:** Locate the rubber door on the back of the module, (shown below). Opening this will reveal a MicroSD card slot, as shown in the picture. Insert a MicroSD card with all 3 files that can be downloaded from the AirHub. (CZone programming 19' Interstate with rain sensor improvement)



**Step 14:** Once the MicroSD card is inserted, power on the CZone module if it is not already powered on (if screen is asleep, there is a touch button for power at the bottom right corner of the screen. If off completely, turn main disconnect on and wait for module to load). Press the upper left corner to open your menu. Go to "Settings" then to "Configuration". Select "Write a CZone Configuration to the Network". Then Select the configuration files downloaded from the AirHub. This will configure the system.



**Step 15:** Remove the SD card and reinstall the CZone Panel and attach the trim ring. Test rain sensor.