# Sensor Positioning

Diagram, schematic

Description automatically generated

1L is placed in the AC in the floor above

3a\_50 is still in the outlet of the indoor chamber just before the valve (hard to access)

**17 sensors in total**

# Test 1

Date: 25/05/2021 14:45

Experiment: Recirculation of Helios devices at level 5. The entire Air conditioner is used as a closed loop to fill the CO2 for 30 seconds.

Description:

|  |  |  |
| --- | --- | --- |
| Parameter | Description | Remarks |
| Push-Pull device | Helios |  |
| Push-Pull device volume | Level 5 |  |
| Indoor chamber volume flow | 160 m3/hr |  |
| Outdoor chamber volume flow | 160 m3/hr ( 4 times the push pull device volume flow) |  |
| Configuration | The entire AC is used to fill CO2 | Careful with 1T , it is falling off |
|  |  |  |

|  |  |  |
| --- | --- | --- |
| Time | Incident | Remarks |
| 15:04 | Setup ready and CO2 is released for 30 seconds |  |
| 15:26 | The experiment begins |  |
| 15:46 | The experiment is concluded. | Sensor 1T power reset failed |
|  |  |  |

# Test 2

Date: 25/05/2021 15:55

Experiment: Recirculation of Helios devices at level 5. The test stand is used to fill the CO2

Description:

|  |  |  |
| --- | --- | --- |
| Parameter | Description | Remarks |
| Push-Pull device | Helios |  |
| Push-Pull device volume | Level 5 |  |
| Indoor chamber volume flow | 160 m3/hr |  |
| Outdoor chamber volume flow | 160 m3/hr ( 4 times the push pull device volume flow) |  |
| Configuration | Only the test stand is used to fill the CO2 | Careful with 1T , it is falling off |
|  |  |  |

|  |  |  |
| --- | --- | --- |
| Time | Incident | Remarks |
| 16:05 | Setup ready and CO2 is released for 23 seconds. |  |
| 16:39 | The experiment begins |  |
|  | The experiment is concluded |  |
|  |  |  |