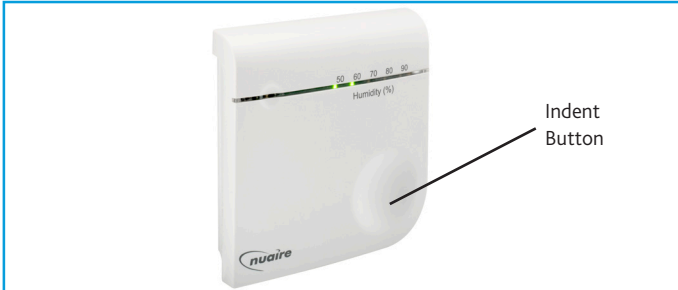


DRI-ECO-RH

Drimaster Humidity Sensor

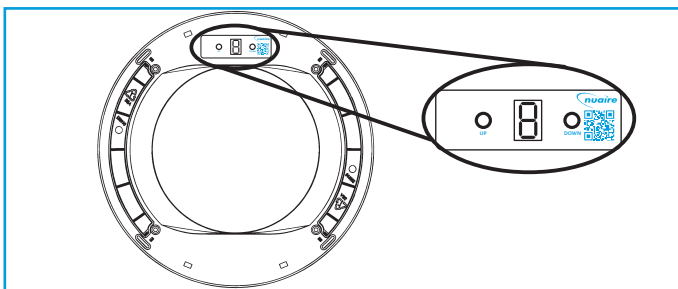
Installation and Maintenance

1.0 Installing a Humidity Sensor (DRI-ECO-RH)



The front panel of the RH sensor must first be released by pressing in the plastic fixing lug located on the bottom edge of the sensor. The panel may now be removed to allow access to the battery compartment. Finally the sensor should be mounted on the wall in a suitable location (screws not provided). 2x AA batteries are provided.

1.1 Unit Binding Mode



Where an RH sensor is present, it must first be bound to the fan unit before it can work. In order to bind the sensor(s) the fan must be in binding mode. The steps required to enter binding mode are shown below.

1. Ensure the fan unit is powered on.
2. Unit will enter the start-up sequence for 2 minutes when first powered on. Press the down button on the ceiling diffuser control panel once, to exit the start-up sequence.
3. Press and hold both the UP and DOWN buttons for 20-30 seconds then release, the uppermost horizontal bar on the display flashes.
4. Press "down" to enter binding mode (binding mode lasts for 5 minutes). The unit will now display a flashing 'b' to indicate it has entered binding mode.

Note: Solid "P" indicates boost, flashing "b" indicates binding mode.

1.2 Binding the Sensor

Putting the unit into binding (see 1.2) before powering the sensors will **automatically** bind the sensors to the unit. However if they do not bind, follow the below steps.

1. Put the unit into binding mode (see 1.2).
2. Power up sensors (insert batteries for humidity, mains for CO2).
3. Tap indented button then hold until left hand LED flashes red/green (ignore red/blue and continue to hold). Release button whilst flashing.
4. Tap indented button again, whilst red/green LED is still flashing.
5. Close binding window on fan control panel by holding both "up" and "down" for 5 seconds and release.
6. Check sensor has bound by tapping indented button and look for the left hand LED to go green. If it displays red, repeat from step 1.

1.3 Setting the Sensor Set Point

The sensors will automatically trigger the fan to increase speed once the sensor set point has been exceeded. To change the sensor set point, press and hold the indent button until the status indication LED flashes BLUE/RED then release. The green LED's illuminate to show the current sensor set point. Press the button to cycle through all allowed values, and press and hold to confirm choice. If the button is not operated for 10 seconds the set point currently selected is stored.

1.4 Indicator LED's

The sensor includes an LED (on the left) which illuminates when a button is pressed. A steady green light shows that communication between the sensor and the fan unit is taking place. A rapid green flash shows that the sensor has asked for increased airflow (boost) from the fan unit. A single red flash shows that no communication is taking place and binding may be required. When the filter requires changing two red flashes will be shown. Should the fan fail, three red flashes will be shown.

