

GENERAL

1. Do the room sensors/controls work for the +, ERV and Go variants? And all types; Flux Flat, Wall, Wall Compact?

Yes, room sensors/controls are compatible with every Flux variant and/or type.

2. What does mesh-network mean?

This means that all room sensors and controls are interlinked and repeating commands to each other. This creates a flawless RF network that works in every situation.

3. Does every model act as a repeater?

Only 230 V-powered devices act as repeaters. The reason is that battery-powered devices are often in a 'sleep mode' to preserve battery life. If these would also act as repeaters, battery life would decrease drastically.

4. Any recommendations on the placement of the room sensor?

- As far away from metals, insulation, and electrical devices to prevent electrical disruptions
- Put the sensor as central as possible in the room, avoid corners
- Height should be 1-1.5m from ground level which is known as 'the breathing zone'

5. What type of batteries are used for battery-powered devices? What is the foreseen battery life?

The device uses 3 × AAA batteries, providing a battery life of more than 2 years. Of course, this is always subject to user behavior.

FUNCTIONALITIES

1. What if I activate a boost while another boost is already activated?

In this case, the most recently activated boost will receive priority and overwrite any earlier activated boost.

2. How long does a boost remain active?

2 hours – After 2 hours, Flux will automatically return to demand-controlled ventilation. If you want the boost to end earlier, press 'Auto' on the room sensor/four-position switch.

3. What happens if frost or fire protection is active and I press a boost functionality on the room sensor?

Flux will block interaction with room sensor/controls. Vital functions such as frost and fire protection are always prioritized over boost functions.

LINKING PROCESS

1. Why do I need an RF dongle?

An RF dongle is necessary to establish RF communication between Flux and the sensors/controls.

2. Can I link a room sensor to 2 different Flux / dongle?

No, a room sensor can only be linked to one Flux / dongle

3. Can I mix and match and link both Sense as a room sensor and the room sensors for Flux to 1 dongle?

Yes, both Sense as a room sensor and the newer room sensors for Flux can be linked to the same network (dongle).

4. How many room sensors and controls can I link to 1 dongle?

A maximum of 10 devices (mixture of Sense/room sensor/four position switch)

5. How long does the network (dongle) stay open?

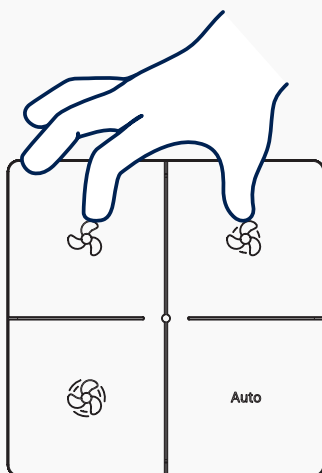
Once opened, the network remains open for 3 minutes – this timer restarts each time a new room sensor/control joins the network.

6. Do I have to wait 3 minutes when I linked the final room sensor/control?

No, if you are finished, press the STOP (□) button on dongle. The network will close immediately.

7. How can I remove a sensor or control from a network?

This is done by performing a factory reset on the sensor or control. Initiate by pressing both upper buttons until the LED shines green. Release and factory reset will be completed.



More info can be found in installer/user manual chapter '4. Factory reset'

SENSOR

1. How is the sensor calibrated?

The CO₂ sensor is factory-calibrated and self-calibrated during use. Due to mechanical stress, installation, etc., the CO₂ reading may be too high at startup.

The room sensor starts with an empty ABC buffer. Following a generic algorithm and default timing, after the first startup the sensor will begin saving data to the ABC buffer every 4 hours. During the first 24 hours of continuous operation, the sensor will perform an initial correction based on the first 6 data points; after that, the sensor will gradually increase the number of data points until the ABC buffer is filled with data.

2. How often is the data from the sensor sent to Flux?

Every 5 minutes.

3. What is the sampling frequency of the sensors when collecting data?

Each sensor records a data point every 30 seconds.