Quickstart

Commissioning DucoBox Silent Connect UK/IE

L2004760-B 28.10.2024

DUCO

Commissioning the DucoBox Silent Connect involves setting the ventilation airflow rates to ensure optimal performance. Follow the steps below to configure the unit effectively.

1. Factory settings and adjustments

The DucoBox Silent Connect UK/IE has 4 modes and a capacity of 400 m³/h. By default, these are set as follows:

- **Trickle rate (= mode 1)**: 50%
- **Boost rate (= mode 2)**: 60%
- **Purge rate (= mode 3)**: 70%
- **Auto mode**: automatically adjusts between trickle and boost based on humidity and CO_2 levels.

Important notes:

- When adjusting the trickle rate, the boost and purge rates will automatically stay 10% and resp. 20% above the trickle rate.
- The boost rate cannot be set lower than the trickle rate.
- The purge rate cannot be set lower than the boost rate.

2. Adjusting airflow rates on the unit

Adjusting trickle rate (mode 1):

1. Remove the lid and press the '**LOW**' button to enter the trickle rate setting.
2. Count the number of LED blinks to determine the ventilation rate (e.g. 5 blinks = 50%, 6 blinks = 60%, etc ...)
3. Increase or decrease the ventilation rate by pressing the (**−**) or (**+**) button. Each push equals a 10% change, represented by one LED blink.
4. Confirm the airflow rate by pressing the '**ENTER**' (**■**) button.

Adjusting boost rate (mode 2):

1. Press the '**HIGH**' button to enter the boost rate setting.
2. Repeat the steps as described above.

Optional adjustment: purge rate (mode 3):

1. Press both the '**LOW**' and '**HIGH**' buttons simultaneously to set the purge rate.
2. Repeat the steps as described above.

3. Adjusting airflow rates via the user control

Adjusting the trickle, boost or purge rate:

1. Remove the lid from the box.
2. Press the '**LOW**' (= Trickle) or '**HIGH**' (= Boost) or '**LOW**' & '**HIGH**' (= Purge) to adjust the desired airflow rate.

Measuring and adjusting airflow:

1. Measure the ventilation rate in a room using an airflow meter.
2. Adjust the airflow using the user control:
   - One push 'mode 1' = 10% less extraction.
   - One push 'mode 2' = 10% more extraction.
3. Long press '**AUTO**' to confirm the airflow rate.

4. Using a Humidity Box Sensor

When desired, you can change the Relative Humidity Threshold:

1. Make sure the LED above the '**INST**' button lights up white.
2. Long press the three buttons (**−**), (**■**) and (**+**) simultaneously until the LED above the '**INST**' button flashes blue several times.
3. By default, the LED flashes 6 times, corresponding to a threshold value of 60% relative humidity.
4. Press the (**+**) button once to increase the threshold value by 10% (up to a maximum of 90%).
5. Press the (**−**) button once to decrease the threshold value by 10% (to a minimum of 30%).
6. Confirm with '**ENTER**' (**■**).

5. Pairing components

1. Activate 'Installer mode' by pressing '**INST**' on the DucoBox. The LED will flash green rapidly.
2. Add control components by pressing once on the component to be paired. The LED will flash red briefly and then start to flash green rapidly.
3. Once all components have been paired, 'Installer mode' can be deactivated by pressing '**INST**' on the DucoBox. The LEDs on all components will stop flashing.

6. Factory Reset

1. Make sure the LED above the 'INST' button lights up white.
2. To reset the unit to factory settings, press and hold the 'INST' and 'Enter' (**■**) buttons simultaneously.

For further assistance, please refer to the detailed installation manual or watch the installation video from the DucoBox Silent Connect UK on Youtube.

DucoBox Silent Connect UK

Advanced, Quiet, and Efficient
Ventilation for Your Home.