

Commissioning

DucoBox Silent 2.0 UK / IE

**NEW SIMPLIFIED
COMMISSIONING
PROCEDURE!**

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The **DucoBox Silent 2.0** is the updated version of the DucoBox Silent, with a simplified commissioning procedure that allows for easy adjustment of trickle, boost and purge modes. This means that the device complies with Building Regulations Part F. In addition, the device is equipped with an integrated central humidity sensor. This quick start guide will guide you step by step through the commissioning procedure of the device.

1. Factory settings and adjustments

The DucoBox Silent 2.0 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 1):** 70 %
- **Auto mode:** automatically adjusts between trickle and boost rate based on humidity and CO₂ levels.

Important notes:

- If you adjust the trickle rate, the boost rate and purge rate remain respectively 10 % and 20 % above the trickle rate.
- The boost rate can be set lower until it is equal to the trickle rate.
- The purge rate can be set lower until it is equal to the boost rate.

2. Adjusting flow rates on the DucoBox

Adjusting the trickle rate (mode 1)

1. Press and hold ∇ to open the trickle rate setting.
2. Count how many times the LED next to "INST" flashes to determine the ventilation rate (example: 5 flashes = 50 %, 6 flashes = 60 % ...).
3. Adjust the ventilation rate (each press equals an adjustment of 10 %, represented by 1 flash of the LED):
 - press 1 x Δ = 10 % more
 - press 1 x ∇ = 10 % less.
4. Confirm the adjustment by pressing \square .

Adjusting the boost rate (mode 2)

1. Press and hold Δ to open the boost rate setting.
2. Perform steps 2 through 4 as described under "Adjusting the trickle rate (mode 1)".

Optional: adjusting the purge rate (mode 3)

1. Simultaneously press and hold Δ and ∇ to open the purge rate setting.
2. Perform steps 2 through 4 as described under "Adjusting the trickle rate (mode 1)".

3. Adjusting flow rates via the User Controller

Selecting the trickle, boost, or purge rate

Press and hold the button in the DucoBox to adjust the desired flow rate:

- Trickle rate = ∇
- Boost rate = Δ
- Purge rate = Δ and ∇

Adjusting the flow rate

1. Adjust the flow rate using the user controller:
 - press 1 x ∇ = 10 % more
 - press 1 x Δ = 10 % less.
2. Confirm the adjustment by pressing \square .

4. Using a Humidity Box Sensor

Optional: adjusting the threshold value of the internal Humidity Sensor

1. Make sure that the LED next to "INST" is not flashing.
2. Simultaneously press and hold Δ , \square and ∇ until the LED next to "INST" flashes blue several times. By default, the LED flashes 6 times, which corresponds to a threshold value of 60 % relative humidity.
3. Adjust the threshold value (each press equals an adjustment of 10 %, represented by 1 flash of the LED):
 - press 1 x Δ = 10 % more (up to a maximum of 90 %).
 - press 1 x ∇ = 10 % less (to a minimum of 30 %).
4. Confirm the adjustment by pressing \square .

5. Pairing components

1. Activate "Installer mode" by pressing \square in the DucoBox. The LED next to "INST" will flash green rapidly.
2. Add control components by tapping 1 x on the component to be paired. The led on the component will flash red briefly and then start to flash green rapidly.
3. When all components are paired, "Installer mode" can be deactivated by pressing \square in the DucoBox. The LEDs on all components will stop flashing.

6. Commissioning reset

1. Make sure that the LED next to "INST" is not flashing.
2. Simultaneously press and hold Δ and ∇ until the LED next to "INST" flashes yellow.
3. Simultaneously press and hold Δ , \square and ∇ until the LED next to "INST" lights up blue.

For further support, please refer to the comprehensive installation manual.