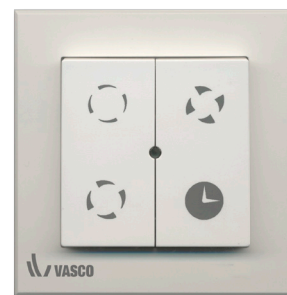# RF 3-SETTINGS SWITCH

DESCRIPTION

The Vasco ventilation unit is standard equipped with a RF 3-settings switch (except for the D150 Compact and Energy Plus: not compatible). Extra RF switches can be connected after the start-up of the ventilation unit. The ventilation unit only reacts to a connected RF switch.

- status LED
   - lights up after operation
   - feedback communication / status of ventilation unit
- setting of the maximum air flow
- resetting the dirty filter alert
- the possibility of combining up to 3 ventilation units on one or several remote controls
- the possibility of connecting up to 20 RF switches (3-settings/CO_2/RH (humidity)) with 1 ventilation unit
- wireless RF communication with the ventilation unit (radio frequency signal: 868.3 MHz)
- powered by battery (3V Lithium CR2450N)
- expected battery service life: 10 years
- operating temperature: 0 – 40°C
- dimensions LxWxH: 80x14x80 mm
- housing: plastic
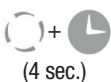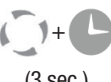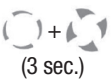- wall surface mounting (screw or adhesive fastening)

TECHNICAL DATA

Symbol	Function	Description
	Ventilation setting 1	Ventilate at 25% of the maximum set air flow. During setting of air volume: reduction of the air volume.
	Ventilation setting 2	Ventilate at 50% of the maximum set air flow. During setting of air volume: increase of the air volume.
	Ventilation setting 3	Ventilate at 100% of the maximum set air flow.
(3 sec.)	Setting of the air volume	Take the ventilation unit plug out of the socket and put it back in again. Press for at least 3 seconds on the setting 3 button and release as soon as the LED in the middle of the switch gives off a series of light signals. These indicate the set air volume. Ex works the LED lights up orange once. Once the air volume is set, confirm by pressing the setting 3 button for at least 3 seconds.
	Timer	The ventilation unit will ventilate for 30 minutes at ventilation setting 3. After this the ventilation unit returns to its previous setting.
(3 sec.)	Auto setting	Hold down the setting 1 button during 3 seconds for activation. Auto setting is necessary when using CO_2 RF switch(es) or control via a 1-10V signal.

RF 3-SETTINGS SWITCH

Symbol	Function	Description
(4 sec.)	Resetting the filter alert	Reset the dirty filter alert by pressing the button of 'setting 1' and 'timer' simultaneously for at least 4 seconds until the LED lights up green.
(3 sec.)	Activating extra optional RF 3-settings switch	Take the ventilation unit plug out of the socket and put it back in again. After this, the ventilation unit will search for new switches for 10 minutes. Press the setting 2 button and the timer simultaneously for at least 3 seconds. If connection is successful, the LED in the middle lights up green twice.
(3 sec.)	Activating optional RF 3-settings switch	Press the buttons of setting 1 and 3 simultaneously for at least 3 seconds. In case of several activated ventilation units, all activated units are deactivated by this. The LED of the switch lights up orange twice in order to indicate that the units are disconnected.

ERROR CODES + LED FEEDBACK

Error code	LED feedback
The requested communication is correctly communicated	Green
Problem with the communication	Red
Problem with the ventilation unit	Red - Red
Successful connecting of the RF switch	Green – Green
Service life of the RF switch battery has been reached	Orange
Dirty filter alert	Orange – Orange (after operation)
Successful disconnection of the RF switch	Orange – Orange (after disconnection process)
Access to flow settings refused	Orange – Orange – Orange

VASCO