

# WIRELESS SWITCHES AND SENSORS

FULLY AUTOMATED EXCELLENT AIR IN YOUR HOME

We breathe 25,000 times a day and we spend by far most of our time indoors. The air quality in a home is highly important to our health, but it often leaves a lot to be desired. We at Brink want to do something about that. Our dream is to make you flourish in life by providing you with the most excellent air and our ventilation solutions make that possible.

The energy efficiency of heat recovery ventilation systems (HRV) is increasing, yet air exchange in the home costs energy. Sensors and switches are needed to provide an optimum balance between occupant demand and installation efficiency. The new wireless sensors, combined with a Flair HRV unit, now allow you to maintain excellent air in your home automatically. No matter if you are sitting on the couch at home, receiving visitors, taking a shower or spending time away from home, the ventilation setting is automatically adjusted to the current situation. This way you never ventilate too little or too much. This means ample fresh air at all times at the highest energy efficiency. Still prefer to take matters into your own hands? With the new wireless switches, you can. And all that with stylish switches and sensors that blend in with every interior.

## Carefree ventilation with CO<sub>2</sub> control

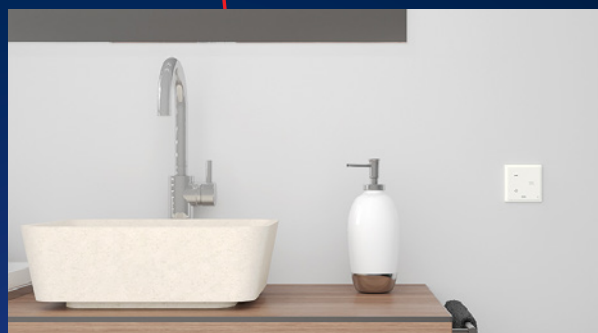
Excessive CO<sub>2</sub> levels may cause concentration problems and headaches. Ventilation rate control based on the CO<sub>2</sub> content in habitable rooms (living room and bedrooms) is often referred to as demand-controlled or demand flow ventilation.

Once the sensor measures a rising CO<sub>2</sub> level in a room, the ventilation unit automatically replaces the indoor air with fresh air from outdoors, thus reducing CO<sub>2</sub> levels. If the ventilation unit is controlled by one or more CO<sub>2</sub> sensors, the air flow rate is based on the highest measured CO<sub>2</sub> content.



## RH control automatically prevents high humidity

RH means "Relative Humidity" and refers to the relative moisture content in the air. Excessive humidity may cause mould growth. As soon as the RH sensor detects a rapid humidity increase, the ventilation system switches to maximum ventilation mode to carry off the excess moisture. Therefore, an RH sensor is mainly used in humid areas such as the bathroom. When the relative humidity drops again, boost mode is maintained for another 30 minutes and then switches off.



## Manual control

Prefer to take it into your own hands? You still can! The settings of the wireless switches allow you to adjust the ventilation rate as desired. Ventilating sensibly means always ventilating 24/7 at the right rate. How much to ventilate exactly depends for instance on your presence and your activity (just select one of the settings 1, 2 and 3 on the control unit).

The 'suitcase' is the absence mode for long-term absence, for instance during holidays. You can also activate a 30-minute boost mode using the switches. Multiple wireless switches and sensors can be linked to the ventilation unit to ventilate each zone or room as desired.

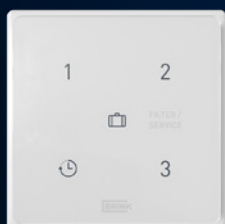
## Signal booster

A signal booster is available as an optional extra. You will need this booster if the signal in your home has to travel a long distance, if your dwelling is very well insulated or in situations in which signal-disrupting materials are used.

## The advantages

- Simple installation
- Modern design
- Fits all common brands of switchgear
- Switches both battery and mains operated
- Location flexibility
- Battery life at normal use: at least 2 years

## Choice of 5 versions



3-way switch

- Temporary boost
- Filter and fault message
- Battery powered
- Optional 230V



CO<sub>2</sub> sensor

- Automatic control
- 230 V power supply



CO<sub>2</sub> sensor + 3-way switch

- Temporary boost
- Filter and fault message
- 230 V power supply



RH sensor

- Automatic control
- Battery powered
- Optional 230V



RH sensor + boost

- Temporary boost or automatic control
- Filter and fault message
- Battery powered
- Optional 230V