

# Installation Instructions for the TBLZ-1-60-1 VOC sensor GOLD LP/COMPACT

## 1. General

The VOC sensor is used in ventilation systems where the aim is to regulate the air flow according to the content of emissions/impurities in the room air.

This is accomplished by means of the Clean Air Control function: See the Installation and Maintenance Instructions for the air handling unit. The function requires controls in Program Version 1.04 or better.

The VOC sensor contains a sensing device that measures the content of emissions/impurities in the room air.

The VOC sensor is supplied with a 0.85 long connection cable.

The connection cable serves as a conductor for supply voltage and signal transmissions.

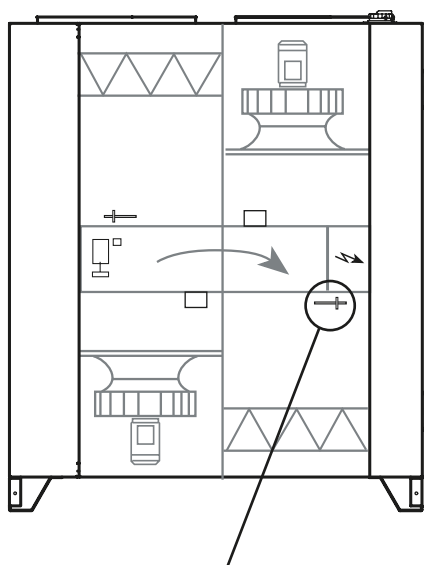


## 2. Installation

Press the VOC sensor against the mounting bracket of the existing extract air sensor until the quick fastener on the back side of the sensor engages in the square opening in the bracket. Fit the VOC sensor so that the sensor is facing inward toward the air handling unit.

For orientation on how to position the sensor, see the illustrations below.

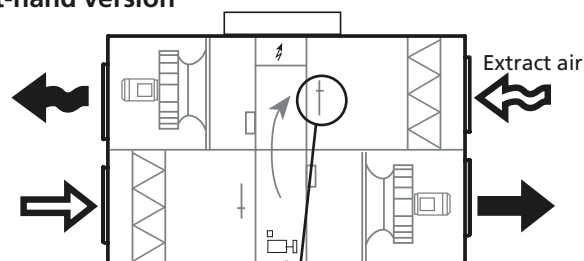
### COMPACT Top



Press the VOC sensor against the mounting bracket of the existing extract air sensor until the quick fastener on the back side of the sensor engages in the square opening in the bracket.

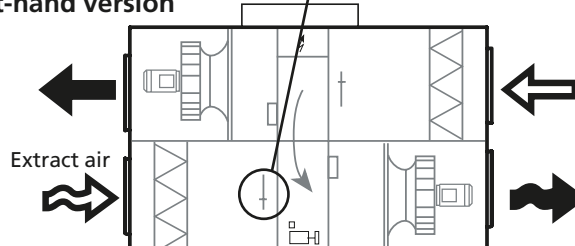
### GOLD LP/COMPACT Unit

#### Right-hand version



Press the VOC sensor against the mounting bracket of the existing extract air sensor until the quick fastener on the back side of the sensor engages in the square opening in the bracket.

#### Left-hand version



## 3. Technical Data

Supply voltage	12 V DC
Range of measurement	10-90 % VOC
Resolution	1 %
Enclosure class	IP67

## 4. Electrical Connections

The electrical connections should be wired by a qualified electrician in accordance with local electrical safety regulations.

Wire the VOC sensor to the control circuit card, see the wiring diagram.

If the cable of the VOC sensor is too long, collect and arrange the excess length of the cable inside the electrical equipment cubicle or cut the cable to the appropriate length.

The rubber cable glands (supplied, placed on the cables) must be installed where cables pass through sheet metal openings in the electrical equipm. cubicle.

### Wiring Diagram

Control circuit card

