

# Zehnder ComfoAir 160

The Zehnder ComfoAir 160 is a heat recovery unit designed to enable better and easier specification of ventilation in new properties due to its versatility. It can be left or right handed in addition to being ceiling or wall mounted. It contains features such as its automatic true summer by-pass, high heat recovery efficiency and upgradable high grade filters providing a comfortable, healthy and energy-efficient indoor climate.











ComfoSense 67

3 Position switch

3 Position switch with indicator

ComfoControl RFZ

## **Key Features**

- 100% full and filtered summer bypass.
- Left or right hand confirguration in one unit.
- Flexible installation options either ceiling or wall mountable.
- Constant volume motors to maintain commissioned flow rates.
- Tool free filter access.
- Volt free contact boost capability.

- BMS capability via RS232 protocol.
- RFZ wireless connectivity option.
- 0-10V input option.
- ISO Coarse >65% / ISO ePM1 >65% (G4 / F7) filter combination as standard for pre-heater version.
- Internal pre-heater option.
- Enthalpy cube option.
- Passive House certified.

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	SFP (W/l/s)		Efficiency (%)	
	2009	2012	2009	2012
<u>K+1</u>	0.85	0.84	85%	85%
K+2	0.81	0.96	85%	83%
K+3	0.88	1.15	84%	82%
K+4	1.02		83%	
K+5	1.16		82%	

## **SEC Class**



#### **Passive House Certification**

	Standard heat exchanger	Enthalpy heat exchanger
Air flow range	73-109m³/h	73-115m³/h
Heat recovery rate	nHR = 89%	nHR = 85%
Specific electric power	Pel,spec = 0.36 Wh/m <sup>3</sup>	Pel,spec = 0.33Wh/m <sup>3</sup>
Humidity Recovery		nx = 64%



Article Numbers	
Description	Product Code
Zehnder ComfoAir 160	CA160-GB
Zehnder ComfoAir 160 Luxe	CA160LUXE-GB
Zehnder ComfoAir 160 Luxe with pre-heater	CA160LUXEPH-GB
Controls, Zehnder ComfoSense 67 controller for Zehnder ComfoAir Luxe/PH models (CCS)	655010215
Controls, three position switch for ComfoAir standard models (CCB)	659000120
Controls, three position switch with service indicator for ComfoAir standard models (CCBL)	659000300
Controls, ComfoControl RFZ wireless controller for use with ComfoSense 67/C67 (CCRFZ)	655000755
Controls, remote air quality sensor	AQR
Controls, remote humidity sensor	HHRW
Controls, remote passive infra-red movement sensor	PIRR
Controls, remote temperature sensor	THR
Controls,12V 0-10V RH sensor	659000330
Controls,12V 0-10V CO <sub>2</sub> sensor	655000855
Zehnder RF-PCB to offer wireless connectivity to the CCRFZ without the use of a ComfoSense 67	655000770
Condensate trap for vertical installation of Zehnder ComfoAir 160	990202050
Filter for Zehnder ComfoAir 160, ISO Coarse >65% (G4), 2 Pieces	400100023
Filter for Zehnder ComfoAir 160, ISO Coarse >65% / ISO ePM1 >65% (G4 / F7), 2 Pieces	400100024
Heat exchanger for Zehnder ComfoAir 160	400400036
Enthalpy exchanger for Zehnder ComfoAir 160	400400037

Weight	28 Kg
Ducting ø	Internal - 100 mm
	External - 125 mm
Condensate connection ø	32 mm
Filter grade	Standard - ISO Coarse >65% /
	ISO Coarse >65% (G4 / G4)
	Optional - ISO Coarse >65% /
	ISO ePM1 >65% (G4 / F7)
Materials	Internal EPP / ABS
	External coated sheet steel
Supply voltage	230V / single-phase / 50Hz
Maximum power consumption	1067W / 67W
including / excluding pre-heater	
Current draw including /	4.7A / 0.52A
excluding pre-heater	

6/3 amp

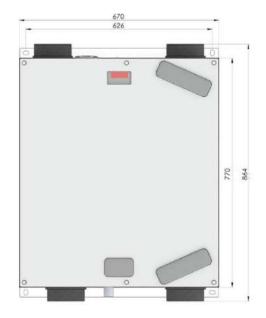
**Technical Specification** 

Fuse rating including /

excluding pre-heater

## **Dimensions**

Height	268 mm
Width	670 mm
Depth	864 mm

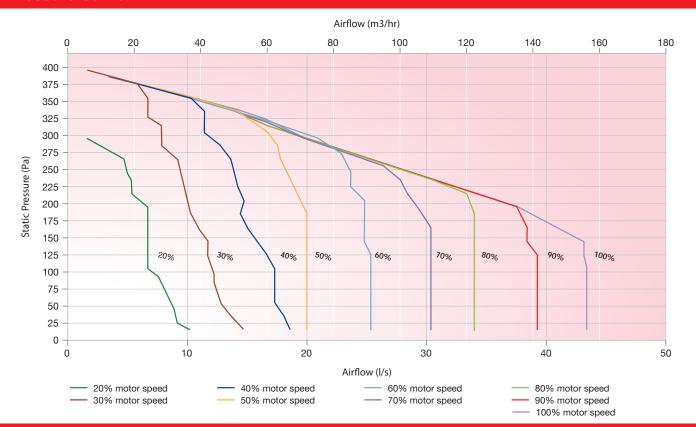


Front view





## **Pressure Curve**

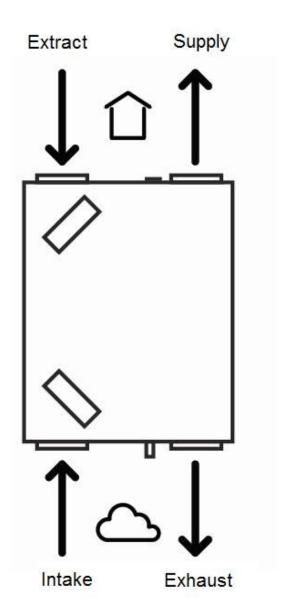


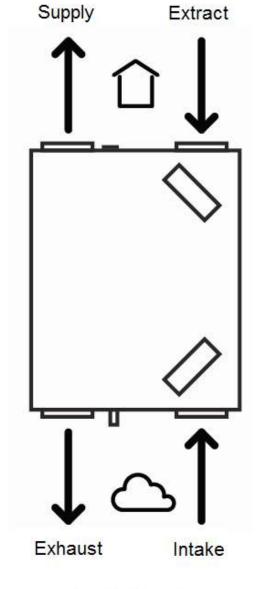
## **Sound Data**

Speed	Test Area	Octave Band (Hz) Sound Power Level, dB							ID(A) @ 0	
		63	125	250	500	1000	2000	4000	8000	dB(A)@3m
20%	Casing	39.5	32.9	31.7	22.2	13.3	9.9	16.0	23.7	10.4
	Supply	66.7	51.2	43.1	36.9	32.3	18.3	15.0	20.8	
	Extract	53.1	36.2	28.0	19.0	8.0	6.8	6.1	5.1	
40%	Casing	42.5	35.7	32.6	28.2	22.8	18.3	17.4	23.7	13.4
	Supply	72.0	59.1	53.1	46.0	43.7	33.5	26.8	22.4	
	Extract	58.3	44.1	37.9	28.1	19.4	14.4	11.9	8.3	
60%	Casing	42.0	40.1	38.1	33.8	32.0	27.2	24.2	24.6	19.6
	Supply	75.9	66.5	60.5	52.1	52.6	43.7	39.1	31.8	
	Extract	62.3	51.4	45.3	34.2	28.2	19.5	18.1	13.1	
80%	Casing	44.8	46.5	43.3	40.7	38.2	34.8	31.9	28.2	26.0
	Supply	82.2	71.7	67.6	57.7	58.9	50.7	47.7	42.5	
	Extract	68.5	56.7	52.4	39.8	34.6	23.0	22.4	18.4	
100%	Casing	47.7	46.7	47.2	47.2	41.3	40.1	37.6	35.2	30.9
	Supply	86.2	75.8	72.0	63.3	62.8	57.1	54.1	50.8	
	Extract	72.5	60.8	56.9	45.3	38.5	26.2	25.6	22.6	

Casing tested according to ISO 3741:2010. Supply and Extract tested according to ISO 5135:1997 showing induct sound power level corrected for end duct reflection according EN13053:2006. Casing dB(A) @ 3m given as hemispherical.

## Air Direction/Connection



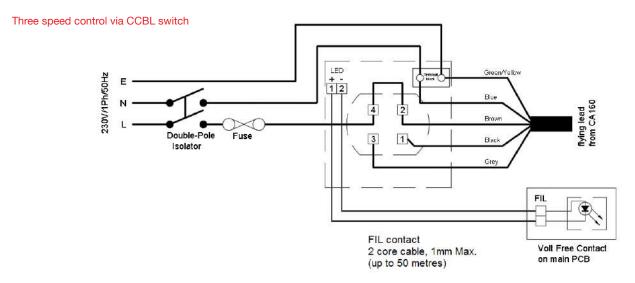


Right Hand (factory setting)

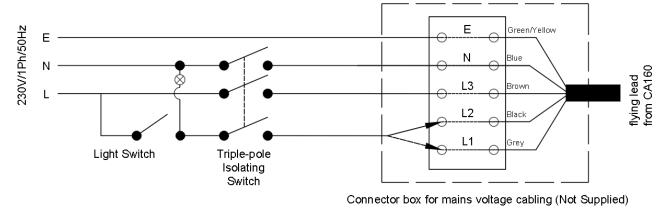
Left Hand

### Wiring

Electrical connections should be carried out in accordance to IEE regulations by a qualified electrician. The unit is supplied with a flying lead for connection to the mains supply.

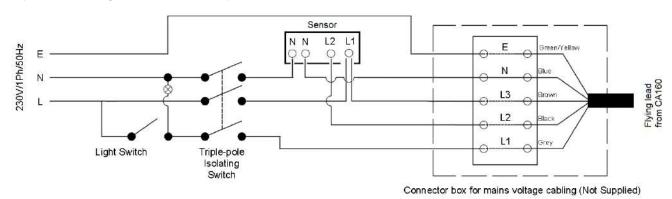


#### Two speed control via light switch



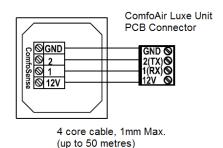
NB - For boost speed select either Black wire (medium) or Grey wire (high).

#### Two speed control via light switch and medium speed activation via remote sensor

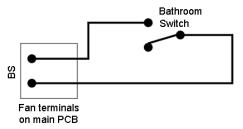


### Wiring

# Four speed control via ComfoSense controller LUXE UNIT ONLY



#### Two speed control via volt free contact switch



1 core cable, 1mm Max. (up to 50 metres)

### **Consultant Specification**

#### Specification

The unit shall consist of a body manufactured in powder coated sheet steel. The unit shall be fully insulated using high quality EPP to maintain excellent thermal characteristics and prevent shrinkage over time. It shall have EC motors with sealed for life bearings. The fans impellors should be low pressure centrifugal type with backward curved blades within ABS scroll housing. The heat exchanger shall be a multi-plate, counter flow design constructed from Polystyrene with laser welded joints and shall retain up to 89% of the temperature differential of outgoing air with the option to upgrade to an enthalpy heat exchanger for latent and sensible heat transfer plus moisture recovery negating the need for a condensate drain.

The unit shall contain filters manufactured from synthetic material which has been tested to a minimum of ISO Coarse >65% (G4) standard with the option to upgrade to ISO ePM1 >65% (F7). The filters shall be pleated to reduce the pressure drop and required cleaning time. The unit shall have 100mm duct connections, and be suitable for vertical wall or horizontal ceiling mounting. Integrated preheater options shall be available to enable balanced ventilation with external air temperatures -10°C.

The unit shall have 100% full summer by-pass and provide filtered supply air 365 days of the year, even under bypass conditions. The unit shall contain a temperature sensor for each air stream to ensure correct and logical operation of the bypass damper by evaluating differential as well as absolute temperature to maximise the opportunity for free cooling. The unit shall control air flow to react to prolonged, sustained increased pressure drops to best achieve the commissioned flow rate even when filter degradation occurs.

The unit shall be constructed to have a removable cover to allow full maintenance access. The removable cover shall enable access to the supply/extract fan, heat exchanger and access to electrical connections. The motors shall be suitable for removal without the requirement for the unit to be removed from situ and be available as spare parts for a minimum of 10 years even after ceasing manufacture of the unit.

The unit shall conform to LVD and EMC standards and be CE Marked in addition to having an EU compliant energy rating label (SEC) with a minimum grade of A. The unit shall be manufactured by Zehnder.

#### Operation

The supply and extract unit shall be a ComfoAir manufactured by Zehnder and shall be suitable for vertical wall or horizontal ceiling mounting in accordance with the specification.

The fresh filtered air from outside shall be supplied to each of the habitable rooms and pre-heated by the warm extract air from the wet areas, such as kitchen or bathroom, via the plastic counter flow heat exchanger. The unit shall vary its speed of the EC motors automatically when it receives a signal from one of the inbuilt sensors or via external switches.

The unit shall have the ability to adjust and commission the supply and extract motors independently via the front mounted in-built interface on the standard versions or via the separate controller on the LUXE versions. The motors shall both automatically adjust independently to the system pressure to achieve the commissioned flow rate.

## **Consultant specification**

#### Controls

All ComfoAir units shall contain the following functions within the unit pre-wired and factory fitted by the manufacturer:

- 100% variable supply and extract motor control
- 4 Variable speed flow rate set points
- Automatic filtered summer bypass
- Heat exchanger frost protection
- Integral service, fault and operation indicators
- Control panel PIN protection
- Tool free filter access
- Variable overrun and delay on timer
- Switched live input
- Volt free contact
- BMS compatibility via RS232 protocol option
- RFZ wireless connectivity option
- 0-10V input option
- Pre-heater frost protection option
- Control input for capacitive touch speed controller with 7 day programmer capabilities

## **BIM/CAD Components**

If you would like to download the BIM / CAD files for this or any other of our products then please visit our BIM library.

#### **TO VISIT OUR BIM/CAD LIBRARY**

**CLICK HERE** 

## **Installation Instructions**

If you would like to download the installation files for this or any other of our products then please visit our download page by clicking the link below.

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## **Our Informational Video**



Watch our video on how to clean the install ComfoTube Flat 51 ductwork.





Watch our video on how to clean the Zehnder ComfoTube ductwork.

TO WATCH OUR VIDEO **CLICK HERE** 



## ComfoSense 67



The Zehnder ComfoSense 67 is a four position switch designed to enable the user to manually select the desired ventilation systems flow rate and provide system notifications.

#### **Key Benefits**

- 4 separate ventilation flow rate options to select in 1 controller
- 7 day flow rate programmer
- Summer bypass indicator
- Frost protection indicator
- · Service and Maintenance alert
- Clock function
- User menu access
- Installer menu access
- RF bridge to enable use of the CCRFZ (655000755) controller

#### **Technical Specification**

Mounting options	Recessed / Surface
Supply voltage	Low voltage direct from the MVHR units PCB connector
IP rating	IP44
Recommended cable	4 core cable, 1mm max. (up to 50 metres)
RAL colour	9016

#### **Dimensions (recessed)**

Height	80mm
Width	80mm
Depth	12mm

#### **Dimensions (surface mounted)**

Height	80mm
Width	80mm
Depth	48.5mm

#### Description Product Code

Suitable for use with MVHR units:

Zehnder ComfoAir 160 Luxe	CA160LUXE-GB
Zehnder ComfoAir 160 Luxe with pre-heater	CA160LUXEPH-GB
Zehnder ComfoAir 180 Luxe with pre-heater	CA180LUXEPH
Zehnder ComfoAir 200 Luxe with pre-heater, left handed	CA200LLUXEPH
Zehnder ComfoAir 200 Luxe with pre-heater, right handed	CA200RLUXEPH

#### Article

## **ComfoControl Basic**



The Zehnder CCB is a three position switch designed to enable the user to manually select the desired ventilation systems flow rate.

### **Key Benefits**

• 3 separate ventilation flow rate options to select in 1 controller

### **Technical Specification**

Mounting options	Recessed / Surface
Supply voltage	Mains power - 230V / single-phase / 50Hz
IP rating	IP20
RAL colour	9010

### Description Product Code

Suitable for use with MVHR units:

Zehnder ComfoAir 160	CA160-GB
Zehnder ComfoAir 200, left handed	CA200L
Zehnder ComfoAir 200, right handed	CA200R
Zehnder ComfoAir 350, left handed	CA350L
Zehnder ComfoAir 350, right handed	CA350R

### **Dimensions (recessed)**

Height	80mm
Width	80mm
Depth	9mm

#### **Dimensions (surface mounted)**

Height	80mm
Width	80mm
Depth	40mm

#### **Article**

## ComfoControl Basic LED



The Zehnder CCBL is a three position switch designed to enable the user to manually select the desired ventilation systems flow rate and provide system notifications

### **Key Benefits**

- 3 separate ventilation flow rate options to select in 1 controller
- Service and Maintenance alert

**Product Code** 

#### **Technical Specification**

Mounting options	Recessed / Surface
Supply voltage	Mains power - 230V / single-phase / 50Hz
IP rating	IP20
Recommended cable	FIL contact only - 2 core cable, 1mm Max. (up to 50 metres)
RAL colour	9010

#### Description

Suitable	tor	use	with	ΜV	ΉK	units:

Zehnder ComfoAir 160	CA160-GB
Zehnder ComfoAir 200, left handed	CA200L
Zehnder ComfoAir 200, right handed	CA200R
Zehnder ComfoAir 350, left handed	CA350L
Zehnder ComfoAir 350, right handed	CA350R

#### **Dimensions (recessed)**

Height	80mm
Width	80mm
Depth	9mm

### **Dimensions (surface mounted)**

Height	80mm
Width	80mm
Depth	40mm

#### **Article**

## ComfoControl RFZ



The Zehnder CCRFZ is a three position switch designed to enable the user to manually select the desired ventilation systems flow rate and provide system notifications. This controller can only be used in conjunction with the ComfoSense 67, ComfoSense C67 or with the RF-PCB.

#### **Key Benefits**

- Wireless controller
- 3 separate ventilation flow rate options to select in 1 controller
- 2 temporary high speed activation settings
- Service and Maintenance alert

#### **Technical Specification**

Mounting options	Surface
Supply voltage	Powered by a coincell lithium battery (type: CR 2032)
IP rating	IP40
RAL colour	9010

#### **Dimensions (surface mounted)**

Height	80mm
Width	80mm
Depth	14mm

#### **Description**

Suitable for use with MVHR units:

#### **Product Code**

Zehnder ComfoAir 160 Luxe	CA160LUXE-GB
Zehnder ComfoAir 160 Luxe with pre-heater	CA160LUXEPH-GB
Zehnder ComfoAir 180 Luxe with pre-heater	CA180LUXEPH
Zehnder ComfoAir 200 Luxe with pre-heater, left handed	CA200LLUXEPH
Zehnder ComfoAir 200 Luxe with pre-heater, right handed	CA200RLUXEPH
Zehnder ComfoAir Q350	471502015
Zehnder ComfoAir Q350 with pre-heater, right handed	471502016
Zehnder ComfoAir Q350 with pre-heater, left handed	471502017
Zehnder ComfoAir Q350 with enthalpy exchanger	471502018
Zehnder ComfoAir Q450	471502019
Zehnder ComfoAir Q450 with pre-heater, right handed	471502020
Zehnder ComfoAir Q450 with pre-heater, left handed	471502021
Zehnder ComfoAir Q450 with enthalpy exchanger	471502022
Zehnder ComfoAir Q600	471502023
Zehnder ComfoAir Q600 with pre-heater, right handed	471502024
Zehnder ComfoAir Q600 with pre-heater, left handed	471502025
Zehnder ComfoAir Q600 with enthalpy exchanger	471502026

655000755

**Article** 

## **AQR**



The Zehnder AQR remote air quality sensor enables a signal to be sent to the ventilation system to automatically place the unit into a higher flow rate.

#### **Key Benefits**

Set activation level covering a range of pollutants such as hydrogen, CO, methane, ethanol and

CA350R

- Adjustable overrun timer between 2-40 minutes
- Can be fitted with locking security straps to prevent tampering
- Suitable for locating where temperatures don't exceed 45°C

#### **Technical Specification**

Mounting options	Surface
Supply voltage	Mains power - 230V / single-phase / 50Hz

#### **Dimensions (surface mounted)**

Height	86mm
Width	93mm
Depth	37mm

#### **Description Product Code Article** AQR

Suitable for use with MEV and MVHR units:

Zehnder ComfoAir 350, right handed

Centair CMEV.4e for wall, floor or cupboard mounting	CMEV.4e
Centair CMEV.4eHT for wall, floor or cupboard mounting with SMART technology	CMEV.4eHT
Zehnder ComfoAir 155 CM for ceiling mounting with SMART technology	CA155CM-GB
Zehnder ComfoAir 155 WM for wall or cupboard mounting with SMART technology	CA155WM-GB
Zehnder ComfoAir 155 WMe for wall or cupboard mounting with SMART technology	CA155WMe-GB
Zehnder ComfoAir 185 WM for wall or cupboard mounting with SMART technology	CA185WM-GB
Zehnder ComfoAir 160	CA160-GB
Zehnder ComfoAir 200, left handed	CA200L
Zehnder ComfoAir 200, right handed	CA200R
Zehnder ComfoAir 350, left handed	CA350L

## **HHRW**



The Zehnder HHRW remote humidity sensor enables a signal to be sent to the ventilation system to automatically place the unit into a higher flow rate.

#### **Key Benefits**

- Set humidity activation between 30-90% relative humidity
- Adjustable overrun timer between 2-40 minutes
- Can be fitted with locking security straps to prevent tampering
- Suitable for locating where temperatures don't exceed 45°C

#### **Technical Specification**

Mounting options	Surface
Supply voltage	Mains power - 230V / single-phase / 50Hz

### **Dimensions (surface mounted)**

Height	86mm
Width	93mm
Depth	37mm

#### **Description Product Code Article** Suitable for use with MEV and MVHR units: HHRW

Centair CMEV.4e for wall, floor or cupboard mounting	CMEV.4e
Centair CMEV.4eHT for wall, floor or cupboard mounting with SMART technology	CMEV.4eHT
Zehnder ComfoAir 155 CM for ceiling mounting with SMART technology	CA155CM-GB
Zehnder ComfoAir 155 WM for wall or cupboard mounting with SMART technology	CA155WM-GB
Zehnder ComfoAir 155 WMe for wall or cupboard mounting with SMART technology	CA155WMe-GB
Zehnder ComfoAir 185 WM for wall or cupboard mounting with SMART technology	CA185WM-GB
Zehnder ComfoAir 160	CA160-GB
Zehnder ComfoAir 200, left handed	CA200L
Zehnder ComfoAir 200, right handed	CA200R
Zehnder ComfoAir 350, left handed	CA350L
Zehnder ComfoAir 350, right handed	CA350R

## **PIRR**



The Zehnder PIRR remote passive infra-red movement sensor enables a signal to be sent to the ventilation system to automatically place the unit into a higher flow rate.

#### **Key Benefits**

- Senses movement up to 7m away
- Adjustable overrun timer between 2-40 minutes
- Can be fitted with locking security straps to prevent tampering
- Suitable for locating where temperatures don't exceed 45°C

### **Technical Specification**

Mounting options Surface Mains power - 230V / single-phase / 50Hz Supply voltage

#### **Dimensions (surface mounted)**

Height	86mm
Width	93mm
Depth	37mm

#### **Description Product Code Article** Suitable for use with MEV and MVHR units: **PIRR**

Centair CMEV.4e for wall, floor or cupboard mounting	CMEV.4e
Centair CMEV.4eHT for wall, floor or cupboard mounting with SMART technology	CMEV.4eHT
Zehnder ComfoAir 155 CM for ceiling mounting with SMART technology	CA155CM-GB
Zehnder ComfoAir 155 WM for wall or cupboard mounting with SMART technology	CA155WM-GB
Zehnder ComfoAir 155 WMe for wall or cupboard mounting with SMART technology	CA155WMe-GB
Zehnder ComfoAir 185 WM for wall or cupboard mounting with SMART technology	CA185WM-GB
Zehnder ComfoAir 160	CA160-GB
Zehnder ComfoAir 200, left handed	CA200L
Zehnder ComfoAir 200, right handed	CA200R
Zehnder ComfoAir 350, left handed	CA350L
Zehnder ComfoAir 350, right handed	CA350R

## **THR**



The Zehnder THR remote temperature sensor enables a signal to be sent to the ventilation system to automatically place the unit into a higher flow rate.

#### **Key Benefits**

- Set temperature activation between 5-35°C
- Fixed 2 minute overrun timer
- Can be fitted with locking security straps to prevent tampering
- Suitable for locating where temperatures don't exceed 45°C

#### **Technical Specification**

#### Mounting options Surface Supply voltage Mains power - 230V / single-phase / 50Hz

#### **Dimensions (surface mounted)**

Height	86mm
Width	93mm
Depth	37mm

THR

#### **Description Product Code Article**

Suitable for use with MEV and MVHR units:

Centair CMEV.4e for wall, floor or cupboard mounting	CMEV.4e
Centair CMEV.4eHT for wall, floor or cupboard mounting with SMART technology	CMEV.4eHT
Zehnder ComfoAir 155 CM for ceiling mounting with SMART technology	CA155CM-GB
Zehnder ComfoAir 155 WM for wall or cupboard mounting with SMART technology	CA155WM-GB
Zehnder ComfoAir 155 WMe for wall or cupboard mounting with SMART technology	CA155WMe-GB
Zehnder ComfoAir 185 WM for wall or cupboard mounting with SMART technology	CA185WM-GB
Zehnder ComfoAir 160	CA160-GB
Zehnder ComfoAir 200, left handed	CA200L
Zehnder ComfoAir 200, right handed	CA200R
Zehnder ComfoAir 350, left handed	CA350L
Zehnder ComfoAir 350, right handed	CA350R

# 12V 0-10V RH sensor



The Zehnder 12V 0-10V remote humidity sensor enables a signal to be sent to the ventilation system to control the corresponding flow rate.

#### **Key Benefits**

- Humidity measuring range 0-100% relative humidity
- 0-10V output corresponding to measured relative humidity

### **Technical Specification**

Mounting options	Surface
Supply voltage	12V DC voltage direct from the MVHR units PCB connector
IP rating	IP30
Recommended cable	3 core cable, 1mm Max. (up to 50 metres)
RAL colour	9010

### **Dimensions (surface mounted)**

Height	95mm
Width	97mm
Depth	30mm

Description	Product Code	Article
Suitable for use with MVHR units:		659000330

Zehnder ComfoAir 160 Luxe	CA160LUXE-GB
Zehnder ComfoAir 160 Luxe with pre-heater	CA160LUXEPH-GB
Zehnder ComfoAir 200 Luxe with pre-heater, left handed	CA200LLUXEPH
Zehnder ComfoAir 200 Luxe with pre-heater, right handed	CA200RLUXEPH

# 12V 0-10V CO<sub>2</sub> sensor



The Zehnder 12V 0-10V remote  $\mathrm{CO}_2$  sensor and combined three position switch is designed to enable the user to manually select the desired ventilation systems flow rate based on the visual air quality indicator, or automatically adjust the unit relevant to the  $\mathrm{CO}_2$  level.

#### **Key Benefits**

- Green, orange and red visual air quality indication light
- 3 separate ventilation flow rate options to temporarily select in 1 controller for manual 12hr override

**Product Code** 

- CO<sub>2</sub> measuring range 0-2000ppm
- 0-10V output corresponding to measured CO,
- Discreet design

#### **Technical Specification**

Mounting options	Recessed / Surface
Supply voltage	12V DC voltage direct from the MVHR units PCB connector
IP rating	IP30
Recommended cable	4 core cable, 1mm max. (up to 50 metres)
RAL colour	9016

#### **Dimensions (recessed)**

Height	80mm
Width	80mm
Depth	12mm

#### **Dimensions (surface mounted)**

Height	80mm
Width	80mm
Depth	43.5mm

#### **Description**

#### Suitable for use with MVHR units:

Zehnder ComfoAir 160 Luxe	CA160LUXE-GB
Zehnder ComfoAir 160 Luxe with pre-heater	CA160LUXEPH-GB
Zehnder ComfoAir 200 Luxe with pre-heater, left handed	CA200LLUXEPH
Zehnder ComfoAir 200 Luxe with pre-heater, right handed	CA200RLUXEPH
Zehnder ComfoAir Q350	471502015
Zehnder ComfoAir Q350 with pre-heater, right handed	471502016
Zehnder ComfoAir Q350 with pre-heater, left handed	471502017
Zehnder ComfoAir Q350 with enthalpy exchanger	471502018
Zehnder ComfoAir Q450	471502019
Zehnder ComfoAir Q450 with pre-heater, right handed	471502020
Zehnder ComfoAir Q450 with pre-heater, left handed	471502021
Zehnder ComfoAir Q450 with enthalpy exchanger	471502022
Zehnder ComfoAir Q600	471502023
Zehnder ComfoAir Q600 with pre-heater, right handed	471502024
Zehnder ComfoAir Q600 with pre-heater, left handed	471502025
Zehnder ComfoAir Q600 with enthalpy exchanger	471502026

#### **Article**

## **RF-PCB**



The Zehnder RF-PCB enables the CCRFZ (655000755) controller to be used with the ventilation system without the need for the ComfoSense 67.

#### **Key Benefits**

- Acts as a wireless reciver to the CCRFZ (655000755) controller without the need for the ComfoSense 67
- Built into the unit and not visible from the outside

#### **Technical Specification**

Mounting options

Inside the unit direct to the PCB

Description	<b>Product Code</b>	Article
For use with MVHR		655000770

Zehnder ComfoAir 160	CA160-GB
Zehnder ComfoAir 160 Luxe	CA160LUXE-GB
Zehnder ComfoAir 160 Luxe with pre-heater	CA160LUXEPH-GB
Zehnder ComfoAir 180 Luxe with pre-heater	CA180LUXEPH
Zehnder ComfoAir 200, left handed	CA200L
Zehnder ComfoAir 200, right handed	CA200R
Zehnder ComfoAir 200 Luxe with pre-heater, left handed	CA200LLUXEPH
Zehnder ComfoAir 200 Luxe with pre-heater, right handed	CA200RLUXEPH
Zehnder ComfoAir 350, left handed	CA350L
Zehnder ComfoAir 350, right handed	CA350R