

# Zehnder ComfoAir Q 600

Wall or floor mounted mechanical supply and extract ventilation with heat recovery (MVHR) with humidity sensor

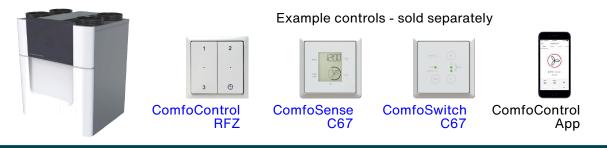
Product data sheet

always the best climate





The Zehnder ComfoAir Q, with state of the art design and intelligent technology, regardless of whether you are working on a new build or an old building, with Zehnder comfortable ventilation you have an innovative, tried and tested complete system. It contains features such as its automatic modulating true summer by-pass, world class heat recovery efficiency and integrated humidity sensor to provide a comfortable, healthy and energy-efficient indoor climate.



### **Key Benefits**

- World class 96% efficiency.
- 100% full and filtered modulating summer bypass.
- Left or right hand configuration through software alone, no mechanical alteration required.
- Commissioning wizard for a quick and simple set-up process.
- Flow control to maintain commissioned flow rates.
- Adaptive comfort technology.
- Automatic passive temperature boost in summer.
- Humidity boost continuously monitors the humidity level within the home and looks for a man-made spike before boosting the unit, irrespective of distance or dilution.
- Tool free filter access.
- ISO Coarse (G4), ISO ePM10 (M5) and ISO ePM1 (F7) filter options.
- App for installer and end user option.
- Wireless commissioning option.
- Remote access option.
- KNX compatibility option.
- 0-10V input option.
- Internal pre-heater option.
- Post heater control option.
- Enthalpy cube option.
- Passive House certified.

### **Article Numbers**

Description	Product Code
<b>Unit</b> Zehnder ComfoAir Q600	471 502 023
Zehnder ComfoAir Q600 with pre-heater, right handed	471 502 024
Zehnder ComfoAir Q600 with pre-heater, left handed	471 502 025
Zehnder ComfoAir Q600 with enthalpy exchanger	471 502 026

### SAP PCDB

### **SEC Class**

	SFP (V	V/I/s)	Efficiency (%)		
	2009	2012	2009	2012	
K+1	-	0.63	-	96%	
K+2	0.63	0.60	96%	95%	
K+3	0.57	0.63	95%	94%	
K+4	0.57	0.71	95%	94%	
K+5	0.61	0.79	94%	93%	
K+6	0.67	0.91	94%	93%	
K+7	0.75	1.06	94%	93%	



Based on average climate with local demand control

ComfoAir Q 600

### **Article Numbers**

Description

### Controls

Controls, Zehnder ComfoSense C 67 remote display for Zehnder Com box

Controls, Zehnder ComfoSwitch C 67 speed controller for Zehnder Co Box

Controls, ComfoControl RFZ wireless controller for use with ComfoSe

Controls, ComfoControl RFZ Timer wireless controller for use with Co

Controls, Zehnder ComfoConnect KNX C for ComfoAir Q350/450/60

Controls, Zehnder ComfoConnect LAN C for ComfoAir Q350/450/60

Controls, Zehnder Option Box V2 Lite with additional connectivity for

Controls, Zehnder ComfoSplitter for ComfoAir Q350/450/600

Zehnder RF-PCB to offer wireless connectivity to the CCRFZ without Controls CO2 C67, ComfoNET connection only, sensor and combined box

Controls 12V 0-10V CO2 sensor and combined three position switch, Controls, Zehnder ComfoConnect PRO BMS interface for Zehnder Co

Support Frame

Support frame for Zehnder ComfoAir Q350/450/600, height 252 mm		
Filters		
Filter for Zehnder ComfoAir Q350/450/600, ISO Coarse (G4), 2 Pieces	400 502 012	
Filter for Zehnder ComfoAir Q350/450/600, ISO Coarse (G4), 10 Pieces	400 502 014	
Filter for Zehnder ComfoAir Q350/450/600, ISO Coarse / ISO ePM10 activated carbon (G4/M5), 2 Pieces	400 100 097	
Filter for Zehnder ComfoAir Q350/450/600, ISO ePM10 activated carbon (M5), 2 Pieces	400 100 165	
Filter for Zehnder ComfoAir Q350/450/600, ISO Coarse / ISO ePM10 (G4/M5), 2 Pieces	400 102 099	
Filter for Zehnder ComfoAir Q350/450/600, ISO Coarse / ISO ePM1 (G4 / F7), 2 Pieces	400 502 013	
Filter for Zehnder ComfoAir Q350/450/600, ISO ePM1 (F7), 10 Pieces	400 502 015	

### Accessories

Heat exchanger for Zehnder ComfoAir Q350/450/600 Enthalpy exchanger for Zehnder ComfoAir Q350/450/600

### **Passive House Certification**

	Standard heat exchanger	E
Air flow range	70–460 m³/h	7
Heat recovery rate	HR = 87%	Н
Specific electric power	Pel,spec = 0.24 Wh/m <sup>3</sup>	P
Humidity recovery		х

### **Product Code**

mfoAir Q350/450/600, incl. mounting	655 010 235
ComfoAir Q350/450/600, incl. mounting	655 010 255
ense 67/C67 (CCRFZ)	655 000 755
omfoSense 67/C67	655 000 780
00	655 011 120
00	655 011 100
r Zehnder ComfoAir Q350/450/600	471 502 143
	655 010 275
the use of a ComfoSense C67	400 502 016
d three position switch, incl. mounting	655 000 885
incl. mounting box	655 000 855
omfoAir Q350/450/600	471 429 300

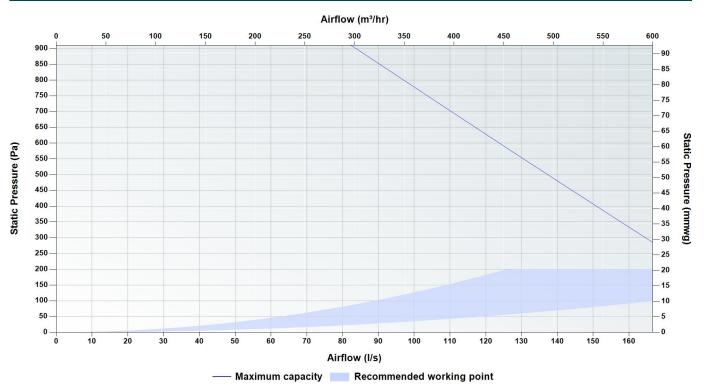
400 502 008 400 502 010

### Enthalpy heat exchanger

70–460 m<sup>3</sup>/h HR = 80% <u>el,spec = 0.22 Wh/m<sup>3</sup></u> = 68%



### Pressure Curve



### Resistance Guard cap at 400Pa

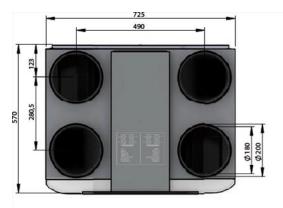
Spood	Tootaree	Octave Band (Hz) Sound Power Level, dB								
Speed	Test area	63	125	250	500	1000	2000	4000	8000	dB(A) @ 3 m
	Casing	48.3	43.3	42.9	34.2	30.3	24.2	15.6	12.1	20.2
20%	Supply/Exhaust	57.8	52.8	51.9	42.9	39.2	35.2	25.6	12.9	
	Extract/Intake	50.7	45.7	43.5	31.3	26.1	21.5	14.1	16.3	
	Casing	52.4	47.4	48.2	41.8	36.7	32.3	26.0	21.0	26.5
40%	Supply/Exhaust	63.3	58.3	59.2	51.9	46.9	44.1	37.0	26.4	
	Extract/Intake	56.8	51.8	49.6	39.7	32.4	28.2	22.1	19.8	
	Casing	57.3	52.3	54.6	50.8	44.2	42.1	38.5	31.8	34.5
60%	Supply/Exhaust	69.9	64.9	67.9	62.6	56.2	54.7	50.7	42.7	
	Extract/Intake	64.0	59.0	56.9	49.9	39.9	36.1	31.7	24.0	
	Casing	61.8	56.8	60.4	59.1	51.1	51.0	49.8	41.5	42.4
80%	Supply/Exhaust	75.9	70.9	75.8	72.4	64.6	64.4	63.2	57.4	
	Extract/Intake	70.6	65.6	63.5	59.2	46.7	43.3	40.4	27.8	
	Casing	62.9	57.9	61.8	61.1	52.8	53.2	52.5	43.9	44.4
100%	Supply/Exhaust	77.4	72.4	77.7	74.7	66.6	66.8	66.2	61.0	
	Extract/Intake	72.3	67.3	65.1	61.4	48.3	45.1	42.5	28.8	

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 EN 13053:2019. Casing dB(A) @ 3 m given as hemispherical.

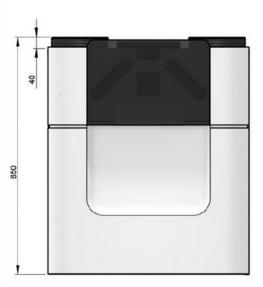
### ComfoAir Q 600

### **Technical Specification**

Weight	50 Kg
Ducting ø	Internal - 180 mm External - 200 mm
Condensate connection ø	32 mm
Filter grade	Standard - ISO Coa Coarse (G4 / G4) Optional - ISO Coar ePM1 (G4 / F7)
Materials	Internal EPP / ABS External coated she
Supply voltage	230 V / single-phas
Maximum power consumption including / excluding pre-heater	2620 W / 350 W
Current draw including / excluding pre-heater	12.7 A / 2.77 A
Fuse rating including / excluding pre-heater	13 / 3 amp
Specific Fan Power	0.57 W/I/s
Heat Recovery Efficiency	96%
Preheater power	2.2 kW



Top view





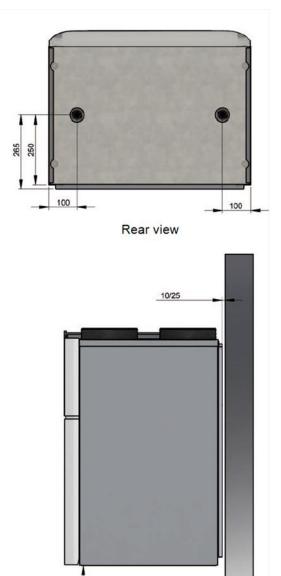
### Dimensions

Height	850 mm
Width	725 mm
Depth	570 mm

### arse / ISO

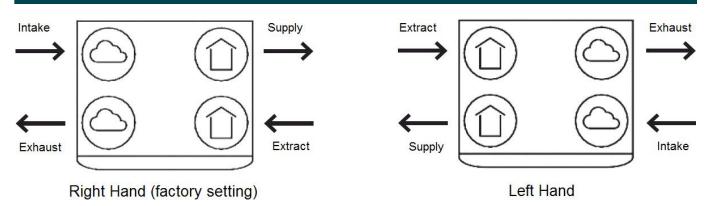
arse / <mark>ISO</mark>

### neet steel ase / 50Hz



Side view

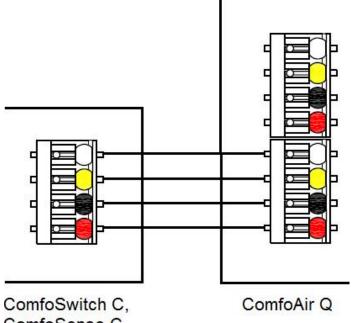
### **Air Direction/Connection**



### 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.

### CAQ ancillary wiring



ComfoSense C. ComfoConnect LAN C, ComfoConnect KNX C, Option Box, CO2 sensor C

4 core cable, 1.5mm Max. (up to 50 metres)

ComfoAir Q 600

zeh

# Controls

### ComfoSense C67 Product code: 655 010 235



### Key Benefits

- 7 day flow rate programmer Summer bypass indicator
- Frost protection indicator
- Service and Maintenance alert
- Clock function
- User menu access

	Dimensions (recessed)		
Recessed / Surface	Height	80 mm	
ow voltage direct from the MVHR units	Width	80 mm	
ComfoNET connector	Depth	12 mm	
P44			
4 core cable, 1 mm Max. (up to 50 metres)	Dimensions (su	urface mounted)	
9016	Height	80 mm	
2 (3/6 if using ComfoSplitter	Width	80 mm	
unpowered/powered)	Depth	48.5	
355 010 270	·	mm	
	ow voltage direct from the MVHR units ComfoNET connector 244 core cable, 1 mm Max. (up to 50 metres) 2016 c (3/6 if using ComfoSplitter npowered/powered)	ow voltage direct from the MVHR unitsWidthComfoNET connectorDepth244Core cable, 1 mm Max. (up to 50 metres)Dimensions (su Height1016WidthWidth2(3/6 if using ComfoSplitter npowered/powered)Depth	

### **ComfoSwitch C67** Product code: 655 010 255



### **Key Benefits**

- Temporary high speed activation setting
- Service and Maintenance alert

<b>Technical Specification</b>		Dimensions (rec	essed)
Mounting options	Recessed / Surface	Height	80 mm
Supply voltage	Low voltage direct from the MVHR units ComfoNET connector	Width	80 mm
IP rating	IP44	Depth	12 mm
Recommended cable	4 core cable, 1 mm Max. (up to 50 metres)	Dimensions (sur	face mounted)
RAL colour	9016	Height	80 mm
Maximum number per unit	2 (3/6 if using ComfoSplitter	Width	80 mm
	unpowered/powered)	Depth	48.5
Supplied mounting box	655 010 270		mm



### The Zehnder ComfoSense C67 is a four position switch designed to enable the user to manually select the desired ventilation systems flow rate and provide system notifications

# • 4 separate ventilation flow rate options to select in 1 controller

### • RF bridge to enable use of the CCRFZ (655 000 755) controller

The Zehnder ComfoSwitch C67 is a four position switch designed to enable the user to manually select the desired ventilation systems flow rate and provide system notifications

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

### ComfoControl RFZ Product code: 655 000 755



**Key Benefits** 

- Wireless controller
- 3 separate ventilation flow rate options to select in 1 controller

systems flow rate and provide system notifications.

The Zehnder CCRFZ is a three position switch designed to

enable the user to manually select the desired ventilation

This controller can only be used in conjunction with the

2 temporary high speed activation settings

ComfoSense or ComfoSense C.

Service and Maintenance alert

### **Technical Specification**

Mounting options	Surface
Supply voltage	Powered by a coin cell lithium battery (type: CR 2032)
IP rating	IP40
RAL colour	9010
Maximum number per unit	40

Dimensions (surface mounted)				
Height	80 mm			
Width	80 mm			
Depth	14 mm			

ComfoAir Q 600	)
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### ComfoConnect KNX C Product code: 655 011 120



- external sensor set points
- 7 day flow rate programmer Service and Maintenance alert
- ETS5 compatible

<b>Technical</b>	<b>Specification</b>
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Technical Specification		Dimensions (su	urface mounted)
Supply voltage	Low voltage direct from the MVHR	Height	120 mm
	units ComfoNET connector	Width	76 mm
IP rating	IP30	Depth	25 mm
Recommended cable	4 core cable, 1 mm Max. (up to 50 metres)	bopin	201111
RAL colour	Front: 9003 Back: 7024		
Device model	System B		
Supported configuration mode	S-Mode		
Supported ETS version	5		
Zehnder KNX library available at	https://www.zehnder.co.uk		
Maximum number per unit	1		

### **ComfoControl RFZT**

### Product code: 655 000 780



The Zehnder CCRFZT is a multi position switch designed to enable the user to manually select the desired overrun timer duration.

This controller can only be used in conjunction with the ComfoSense or ComfoSense C.

### **Key Benefits**

- Wireless controller
- 3 separate ventilation overrun timer options to select in 1 controller
- Manual override to prematurely turn off the overrun timer
- Controller service and connection alert

### **Technical Specification**

Mounting options	Surface
Supply voltage	Powered by a coin cell lithium battery (type: CR 2032)
IP rating	IP40
RAL colour	9010
Maximum number per unit	40

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

Height	80 mm
Width	80 mm
Depth	14 mm

### **ComfoConnect LAN C** Product code: 655 011 100



iPhone and android devices.

### **Key Benefits**

- external sensor set points
- 7 day flow rate programmer

- User menu access
- Installer menu access

Zehnder ComfoControl App

<b>Technical Specification</b>		Dimensions (surfa	ce mounted)
Supply voltage	Low voltage direct from the MVHR units	Height	120 mm
	ComfoNET connector	— Width	76 mm
IP rating	IP30	- Depth	25 mm
Recommended cable	4 core cable, 1 mm Max. (up to 50 metres)		20 1111
RAL colour	Front: 9003 Back: 7024		
Maximum number per unit	1		





### The Zehnder ComfoConnect KNX C enables the connection between the ventilation system and the KNX building

- Control and monitor the ventilation system via the KNX building management system - Control ventilation flow rate, temperature profile, temporary high speed setting and

Monitor ventilation flow rates, temperatures and external sensors

The Zehnder ComfoConnect LAN C enables the connection between the ventilation system and the ComfoControl app for

 Control and monitor the ventilation system via the ComfoControl app - Control ventilation flow rate, temperature profile, temporary high speed setting and

- Monitor ventilation flow rates, temperatures and external sensors

 Access the ventilation system remotely from anywhere in the world Service and Maintenance alert direct to your phone

### **Option Box V2 Lite** Product code: 471 502 143

The Zehnder Option Box V2 Lite enables the connection between the ventilation system and various other external components.



### **Key Benefits**

- 4 x 0-10V inputs for use with the 12V 0-10V RH sensor or 12V 0-10V CO2 sensor
- Volt free contact input
- Post heater integration
- ComfoFond-L Q or sub-soil heat exchanger valve integration when combined with 400 300 311 power cable
- External filter alert integration
- Service mode activation input to disable fans e.g. when fire alarm activated

### **Technical Specification**

Supply voltage	Low voltage direct from the MVHR units ComfoNET connector
IP rating	IP40
Recommended cable	4 core cable, 1 mm Max. (up to 50 metres)
RAL colour	Front: 9003 Back: 7024
Maximum number per unit	1

### Wiring

# I2 Vdo 4 3 2 1 4 3 2 ۲ 1 \* \* \*

Height

Width Depth

**Dimensions (surface mounted)** 

254 mm 195 mm

60 mm

### **RF-PCB - ComfoAir Q** Product code: 400 502 016



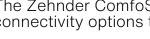
The Zehnder RF-PCB enables the CCRFZ (655 000 755) controller to be used with the ventilation system without the need for the ComfoSense C67.

### **Key Benefits**

- for the ComfoSense C67
- Built into the unit and not visible from the outside

**Technical Specification** Mounting options

Inside the unit direct to the PCB



### Key Benefits

<b>Technical Specification</b>		Dimensions (su	urface mounted)
Mounting options	Surface	Height	108 mm
Supply voltage	Low voltage direct from the MVHR units	Width	53 mm
	ComfoNET connector Mains power - 230 V / single-phase / 50Hz	Depth	23 mm
IP rating	IP22		
Recommended cable	4 core cable, 1 mm Max. (up to 50 metres)		
RAL colour	9018		
Maximum number per unit	1		

## The Bathroom Switch connection option - II



The mains power connector is only required when using the ComfoHood, ComfoFond-L Q or sub-soil heat exchanger valve

ComfoSplitter

Product code: 655 010 275





### The Zehnder ComfoSplitter enables 5 additional ComfoNet connectivity options to the ventilation system.

• 2 additional ComfoNet connectivity options when unpowered • 5 additional ComfoNet connectivity options when powered

Acts as a wireless receiver to the CCRFZ (655 000 755) controller without the need

### CO2 sensor C67 Product code: 655 000 885



### manually select the desired ventilation systems flow rate based on the visual air quality indicator, or automatically adjust the unit relevant to the CO2 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

The Zehnder CO2 sensor C67 is a remote CO2 sensor and

combined three position switch designed to enable the user to

- CO2 measuring range 0-2000 ppm
- Self-calibrating
- Discreet design
- Direct connection via ComfoNET (No need for Option Box)
- Daisychain connection available for when using multiple sensors

### **Technical Specification**

Mounting options	Surface / Recessed
Supply voltage	Low voltage direct from the MVHR units ComfoNET connector
IP rating	IP30
Recommended cable	4 core cable, 1 mm Max. (up to 50 metres)
RAL colour	9016
Maximum number per unit	ComfoAir Q - 10 ComfoAir Flex - 4
Supplied mounting box	400 300 291

### **Dimensions (recessed)**

Depth

	(
Height	80 mm
Width	80 mm
math	0011111

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

12 mm

	•	
Height		80 mm
Width		80 mm
Depth		43.5
-		mm

# 12V 0-10V CO2 sensor

### Product code: 655 000 855



The Zehnder 12V 0-10V remote CO2 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 CO2 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
- CO2 measuring range 0-2000 ppm
- 0-10V output corresponding to measured CO2
- Discreet design

### **Technical Specification**

Mounting options	Surface / Recessed
Supply voltage	12 V DC voltage direct from the MVHR units PCB connector, or via Option Box V2 for ComfoAir Q
IP rating	IP30
Recommended cable	3 core cable, 1 mm Max. (up to 50 metres)
RAL colour	9016
Supplied mounting box	400 300 291

### **Dimensions (recessed)**

Height	80 mm
Width	80 mm
Depth	12 mm

Dimensions	(surface mounted)
Height	80 mm

80 mm
43.5
mm



### ComfoConnect PRO Product code: 471 429 300

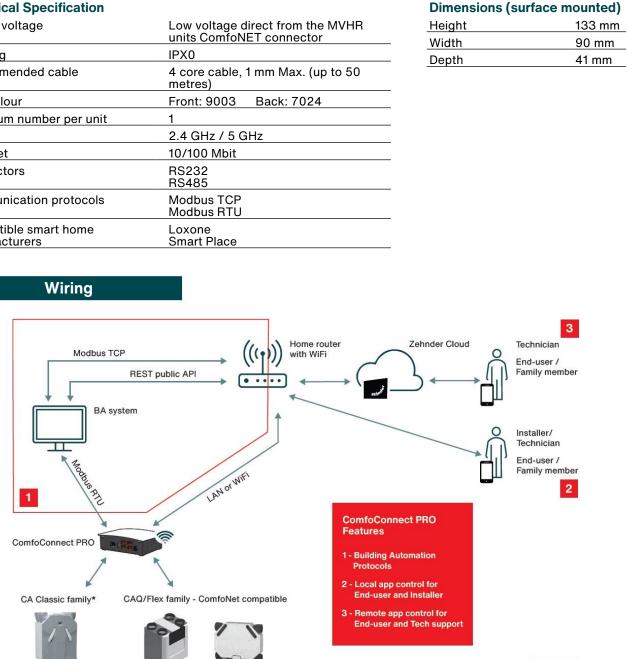
automation system is also possible.

### **Key Benefits**

- and technical support
- updates
- ComfoSense C)

### **Technical Specification**

Supply voltage	Low voltage direct from t units ComfoNET connect
IP rating	IPX0
Recommended cable	4 core cable, 1 mm Max. metres)
RAL colour	Front: 9003 Back: 702
Maximum number per unit	1
Wi-Fi	2.4 GHz / 5 GHz
Ethernet	10/100 Mbit
Connectors	RS232 RS485
Communication protocols	Modbus TCP Modbus RTU
Compatible smart home manufacturers	Loxone Smart Place





### The Zehnder ComfoConnect PRO Modbus, Internet and app interface allows you to use the Zehnder ComfoControl app. The connection to the Zehnder device is wired via ComfoNET and LAN or wireless via Wi-Fi. Direct connection to a home

- Automation protocols (Modbus RTU/TCP) with local / remote app control via cloud

Digital security cryptographic keys, secure cloud platform and automatic software

- Compatible with a wide range of Zehnder ComfoNet II devices and accessories (Zehnder ComfoAir Q, Zehnder ComfoAir Flex, Zehnder ComfoSwitch C /

### For use with

Our range of ComfoAir MVHR units can be used in conjunction with ComfoWell. The modular ComfoWell manifold can be combined with multiple circular connections for rigid round or semi-rigid connections. Along with filter boxes and attenuated manifold options, the ComfoWell is the perfect bespoke air distribution system for our ComfoAir MVHR units.



CLICK HERE

### **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



### 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.

TO VISIT OUR DOWNLOAD PAGE



### **Our Informational Videos**



Watch our video on how to install the Zehnder ComfoAir Q.

**TO WATCH OUR VIDEO** 







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

TO WATCH OUR VIDEO



### **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 and flow ring to provide accurate pressure measurement and incorporate a flow grid to optimise the airflow into the fan. The heat exchanger shall be a diamond shaped multi-plate, counter flow design constructed from Polystyrene with laser welded joints and shall retain up to 96% 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 material which has been tested to a minimum of ISO Coarse (G4) standard with the option to upgrade to ISO ePM1 (F7) or activated carbon ISO ePM10(M5) to remove smélls. The filters shall be pleated to reduce the pressure drop and required cleaning time. The unit shall have 180 mm duct connections, and be suitable for vertical wall mounting or floor stand with the ability to allow left or right hand configuration through the unit's software alone - no mechanical reconfiguration shall be required. Integrated modulating preheater options shall be available to regulate its output to enable balanced ventilation with external air temperatures -10°C.

The unit shall have a 100% full summer bypass using an in-line modulating mechanism to provide filtered supply air 365 days of the year, even under bypass conditions. It shall provide fresh filtered air to aid night time cooling and prevent condensation within the supply pipework, regardless of the external air temperature. 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. Airflow should not react to short term 'wind gusts' to avoid nuisance running.

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 conform to UK Electrical Equipment (Safety) Regulations and Electromagnetic Compatibility Regulations and be UKCA Marked. The unit shall be manufactured by Zehnder.

### Operation

The supply and extract unit shall be a ComfoAir Q manufactured by Zehnder and shall be suitable to mount on a floor stand, wall or in a cupboard 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 LCD interface. The motors shall both automatically adjust independently to the system pressure to achieve the input flow rate.

### Controls

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

- Dial-a-duty motor control
- 4 Variable speed flow rate set points
- Automatic filtered modulating summer bypass with timed manual override option
- Heat exchanger frost protection
- Commissioning wizard to enable commissioning of the unit
- Integral service, fault and operation indicators
- Control panel PIN protection
- Tool free filter access
- Humidity sensors to operate the unit in response to humidity spikes above natural background humidity levels as opposed to a single threshold humidity point to activate the high set point
- Automatic passive boost for night time cooling
- Variable overrun timer relative to high speed activation period



### **Consultant Specification**

All ComfoAir Q units shall contain the following options when combined with relevant ancillaries: BMS compatibility via KNX / Modbus protocol option (ComfoConnect KNX C / ComfoConnect PRO)

- Wi-Fi connectivity option (ComfoConnect PRO)
- RFZ wireless connectivity option (RF-PCB or ComfoSense C 67)
- Switched live input option (Option Box V2 Lite)
- Volt free contact option (Option Box V2 Lite)
- 0-10V input option (Option Box V2 Lite)
- Pre-heater frost protection option
- Post-heater control option (Option Box V2 Lite)
- Control input for single or multiple capacitive touch speed controllers with 7 day programmer capabilities (ComfoSense C 67)
- Control input for single or multiple 4 speed manual/auto controller with filter alert (ComfoSwitch C 67)
- Control input for single or multiple CO2 sensors with combined 3 speed manual controller (CO2 sensor C67)

