

# Zehnder ComfoAir Q 350

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

Product data sheet always the best climate





# ComfoAir Q 350

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.











ComfoSense C67

ComfoSwitch C67

ComfoControl App

# **Key Benefits**

- World class 96% efficiency.
- 100% full and filtered modulating summer bypass.
- First unit to be recognised by the PHI for its "cold recovery" efficiency
- Left or right hand configuration through software alone, no mechanical alteration required.

ComfoControl

RFZ

- 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.
- 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
Unit Zehnder ComfoAir Q350	471 502 015
Zehnder ComfoAir Q350 with pre-heater, right handed	471 502 016
Zehnder ComfoAir Q350 with pre-heater, left handed	471 502 017
Zehnder ComfoAir Q350 with enthalpy exchanger	471 502 018

# SAP PCDB SEC Class

	SFP (V	V/I/s)	Efficiency (%)		
	2009	2012	2009	2012	
K+1	-	0.60	-	96%	
K+2	0.60	0.53	96%	95%	
K+3	0.51	0.57	95%	94%	
K+4	0.50	0.64	95%	94%	
K+5	0.54	0.72	94%	93%	
K+6	0.60	0.89	94%	93%	
K+7	0.68	1.03	94%	93%	



Based on average climate with local demand control

ComfoAir Q 350

Description	Product Code
Controls	
Controls, Zehnder ComfoSense C 67 remote display for Zehnder ComfoAir Q350/450/600, incl. mounting box	655 010 235
Controls, Zehnder ComfoSwitch C 67 speed controller for Zehnder ComfoAir Q350/450/600, incl. mounting Box	655 010 255
Controls, ComfoControl RFZ wireless controller for use with ComfoSense 67/C67 (CCRFZ)	655 000 755
Controls, ComfoControl RFZ Timer wireless controller for use with ComfoSense 67/C67	655 000 780
Controls, Zehnder ComfoConnect KNX C for ComfoAir Q350/450/600	655 011 120
Controls, Zehnder ComfoConnect LAN C for ComfoAir Q350/450/600	655 011 100
Controls, Zehnder Option Box V2 Lite with additional connectivity for Zehnder ComfoAir Q350/450/600	471 502 143
Controls, Zehnder ComfoSplitter for ComfoAir Q350/450/600	655 010 275
Controls, Zehnder RF-PCB to offer wireless connectivity to the CCRFZ without the use of a ComfoSense C67	400 502 016
Controls CO2 C67, ComfoNET connection only, sensor and combined three position switch, incl. mounting box	655 000 885
Controls 12V 0-10V CO2 sensor and combined three position switch, incl. mounting box	655 000 855
Controls, Zehnder ComfoConnect PRO BMS interface for Zehnder ComfoAir Q350/450/600	471 429 300
Support Frame Support frame for Zehnder ComfoAir Q350/450/600, height 252 mm	471 502 008
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	400 502 008
Enthalpy exchanger for Zehnder ComfoAir Q350/450/600	400 502 010

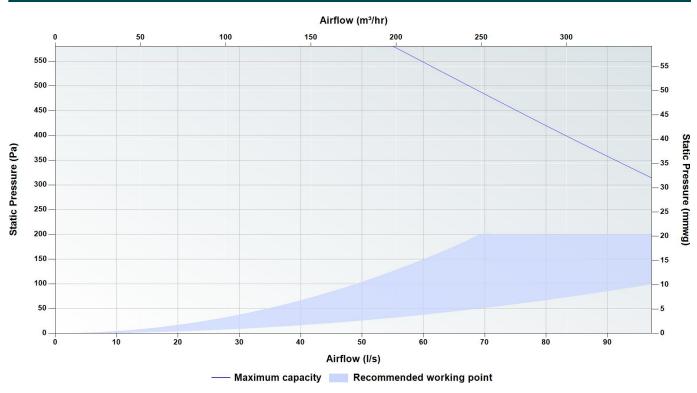
# **Passive House Certification**

Air flow rongs	Standard heat exchanger 70-270 m <sup>3</sup> /hr	Enthalpy heat exchanger 70-270 m <sup>3</sup> /hr
Air flow range		
Heat recovery rate	HR = 91%	HR = 86%
Specific electric power	Pel,spec = 0.24 Wh/m <sup>3</sup>	Pel,spec = 0.22 Wh/m <sup>3</sup>
Humidity recovery		x = 73%
Air flow range	71-270 m <sup>3</sup> /hr	71-262 m³/hr
Cold recovery rate	HR = 87%	HR = 81%
Specific electric power	Pel,spec = 0.22 Wh/m <sup>3</sup>	Pel,spec = 0.21 Wh/m <sup>3</sup>
Humidity recovery		x = 75%





# **Pressure Curve**



## Resistance Guard cap at 400Pa

# **Sound Data**

Speed	Test area	Octave Band (Hz) Sound Power Level, dB					4B(A) @ 2 ···			
Speed	i est area	63	125	250	500	1000	2000	4000	8000	dB(A) @ 3 m
	Casing	40.2	35.2	31.2	25.5	19.6	14.8	10.6	16.7	10.4
20%	Supply/Exhaust	55.7	50.7	43.8	39.4	31.9	24.7	13.8	12.3	
	Extract/Intake	46.3	41.3	33.5	24.1	18.6	16.3	11.8	18.5	
	Casing	47.5	42.5	40.8	35.0	28.9	26.1	20.6	19.0	19.6
40%	Supply/Exhaust	62.1	57.1	54.8	49.4	42.7	38.3	29.4	22.9	
	Extract/Intake	52.5	47.5	43.5	33.2	26.1	22.6	17.1	18.7	
	Casing	53.3	48.3	48.4	42.5	36.3	35.1	28.6	20.8	27.1
60%	Supply/Exhaust	67.2	62.2	63.6	57.4	51.2	49.1	41.8	31.3	
	Extract/Intake	57.4	52.4	51.3	40.3	32.1	27.6	21.3	18.9	
	Casing	59.1	54.1	56.1	50.2	43.8	44.1	36.6	22.7	34.9
80%	Supply/Exhaust	72.4	67.4	72.4	65.5	59.8	60.0	54.3	39.8	
	Extract/Intake	62.4	57.4	59.3	47.5	38.2	32.7	25.6	19.1	
	Casing	60.0	55.0	57.2	51.3	44.9	45.5	37.8	22.9	36.1
100%	Supply/Exhaust	73.1	68.1	73.7	66.7	61.1	61.6	56.2	41.1	
	Extract/Intake	63.2	58.2	60.5	48.6	39.1	33.4	26.2	19.1	

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 350



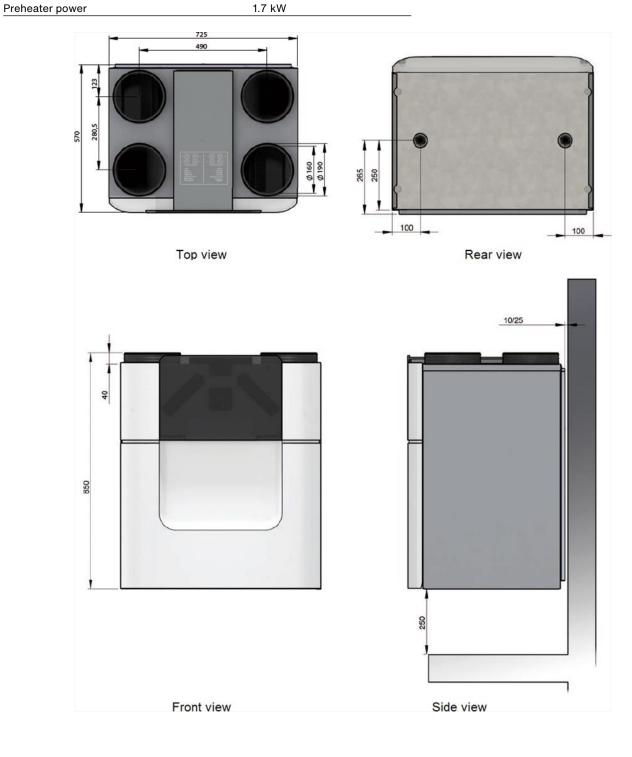
570 mm

#### **Technical Specification** Weight 50 Kg Internal - 160 mm External - 190 mm Ducting ø 32 mm Condensate connection ø Standard - ISO Coarse / ISO Coarse (G4 / G4) Optional - ISO Coarse / ISO ePM1 (G4 / F7) Filter grade Internal EPP / ABS External coated sheet steel Materials Supply voltage 230 V / single-phase / 50Hz Maximum power consumption including / excluding pre-heater 1850 W / 180 W Current draw including / excluding pre-heater 10.0 A / 1.42 A Fuse rating including / excluding pre-heater 10 / 3 amp Specific Fan Power 0.5 W/I/s Heat Recovery Efficiency 96%

Height	850 mm
Width	725 mm

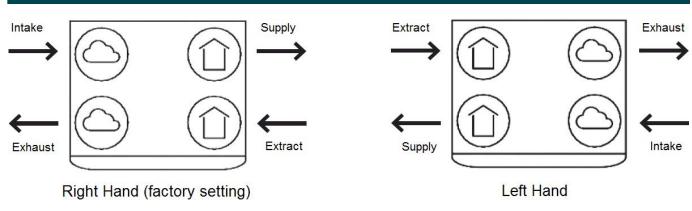
**Dimensions** 

Depth





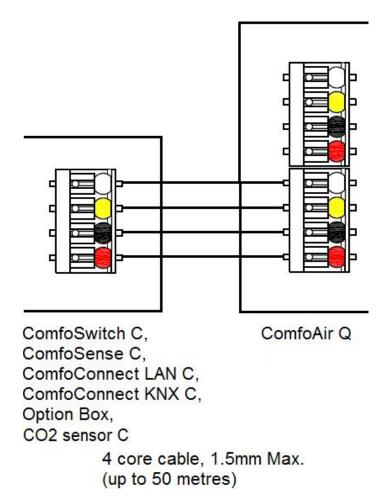
# **Air Direction/Connection**



# 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



ComfoAir Q 350



# ComfoSense C67

**Product code:** 655 010 235



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

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

# **Technical Specification**

•	
Mounting options	Recessed / Surface
Supply voltage	Low voltage direct from the MVHR units ComfoNET connector
IP rating	IP44
Recommended cable	4 core cable, 1 mm Max. (up to 50 metres)
RAL colour	9016
Maximum number per unit	2 (3/6 if using ComfoSplitter unpowered/powered)
Supplied mounting box	655 010 270

# **Dimensions (recessed)**

Height	80 mm
Width	80 mm
Depth	12 mm
Dimensions (surf	ace mounted)
Height	80 mm
Width	80 mm
Depth	48.5
	mm

# ComfoSwitch C67

**Product code:** 655 010 255



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

# **Key Benefits**

- 4 separate ventilation flow rate options to select in 1 controller
- Temporary high speed activation setting
- Service and Maintenance alert

## **Technical Specification**

•	
Mounting options	Recessed / Surface
Supply voltage	Low voltage direct from the MVHR units ComfoNET connector
IP rating	IP44
Recommended cable	4 core cable, 1 mm Max. (up to 50 metres)
RAL colour	9016
Maximum number per unit	2 (3/6 if using ComfoSplitter unpowered/powered)
Supplied mounting box	655 010 270

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

Height	80 mm
Width	80 mm
Depth	12 mm
Dimensions (surface	mounted)
Difficitions (Surface)	mounteu)
Height	80 mm
•	•
Height	80 mm

# zehnde

# **ComfoControl RFZ**

**Product code: 655 000 755** 



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 or ComfoSense C.

# **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 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

# **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

ComfoAir Q 350

# ComfoConnect KNX C Product code: 655 011 120



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

#### **Key Benefits**

- Control and monitor the ventilation system via the KNX building management system
- Control ventilation flow rate, temperature profile, temporary high speed setting and external sensor set points
- Monitor ventilation flow rates, temperatures and external sensors
- 7 day flow rate programmer
- Service and Maintenance alert
- ETS5 compatible

#### **Technical Specification**

recinical opecification		
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	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	

# **Dimensions (surface mounted)**

Height	120 mm
Width	76 mm
Depth	25 mm

# ComfoConnect LAN C

**Product code:** 655 011 100



The Zehnder ComfoConnect LAN C enables the connection between the ventilation system and the ComfoControl app for iPhone and android devices.

# **Key Benefits**

- Control and monitor the ventilation system via the ComfoControl app
- Control ventilation flow rate, temperature profile, temporary high speed setting and external sensor set points
- Monitor ventilation flow rates, temperatures and external sensors
- 7 day flow rate programmer
- Access the ventilation system remotely from anywhere in the world
- Service and Maintenance alert direct to your phone
- User menu access
- Installer menu access

Technical Specification

Zehnder ComfoControl App

recinical opecification		
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	Front: 9003 Back: 7024	
Maximum number per unit	1	

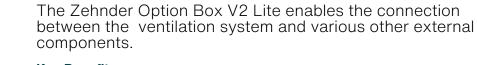
#### **Dimensions (surface mounted)**

Height	120 mm
Width	76 mm
Depth	25 mm

# ehnde

# **Option Box V2 Lite**

**Product code:** 471 502 143





# **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**

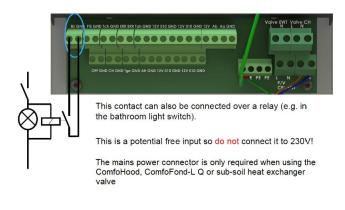
Supply voltage	Low voltage direct from the MVHR units ComfoNET connector	
IP rating	IP40	
Recommended cable	4 core cable, 1 mm Max. (up to 50 metres)	
RAL colour	Front: 9003 Back: 7024	
Maximum number per unit	1	

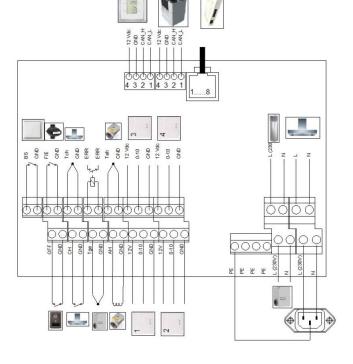
# **Dimensions (surface mounted)**

Height	254 mm
Width	195 mm
Depth	60 mm

# Wiring

#### The Bathroom Switch connection option - II





ComfoAir Q 350

# **ComfoSplitter**

**Product code:** 655 010 275



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

## **Key Benefits**

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

## **Technical Specification**

Mounting options	Surface
Supply voltage	Low voltage direct from the MVHR units ComfoNET connector Mains power - 230 V / single-phase / 50Hz
IP rating	IP22
Recommended cable	4 core cable, 1 mm Max. (up to 50 metres)
RAL colour	9018
Maximum number per unit	1

## **Dimensions (surface mounted)**

Height	108 mm
Width	53 mm
Depth	23 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**

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

# -chyde

# CO2 sensor C67

# **Product code: 655 000 885**



The Zehnder CO2 sensor C67 is a remote CO2 sensor and combined three position switch 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
- 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)**

Height	80 mm	
Width	80 mm	
Depth	12 mm	
Dimensions (surface mounted)		
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)**

пеідпі	00 11111	
Width	80 mm	
Depth	12 mm	
Dimensions (surface mounted)		
Height	80 mm	
Width	80 mm	
Depth	43.5	
•	mm	





# ComfoConnect PRO Product code: 471 429 300



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 system is also possible.

# **Key Benefits**

- Automation protocols (Modbus RTU/TCP) with local / remote app control via cloud and technical support
- Digital security cryptographic keys, secure cloud platform and automatic software updates
- Compatible with a wide range of Zehnder ComfoNet II devices and accessories (Zehnder ComfoAir Q, Zehnder ComfoAir Flex, Zehnder ComfoSwitch C / ComfoSense C)

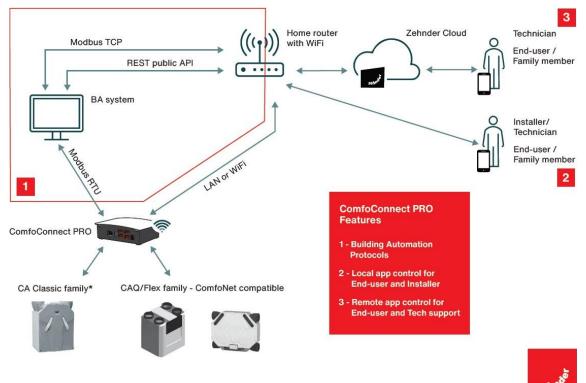
## **Technical Specification**

r common opcomonation	
Supply voltage	Low voltage direct from the MVHR units ComfoNET connector
IP rating	IPX0
Recommended cable	4 core cable, 1 mm Max. (up to 50 metres)
RAL colour	Front: 9003 Back: 7024
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

## **Dimensions (surface mounted)**

133 mm
90 mm
41 mm

# Wiring





 ${}^{\star}\text{ComfoAir } 160, 180, 200, 225, 350, 450, 550, SL220, SL330, Standard } 300, Standard \\ 375 - Available from software release 1.1 - Available from the software release 1.1 - Available from$ 

# 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.



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# **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.

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**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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ComfoAir Q 350

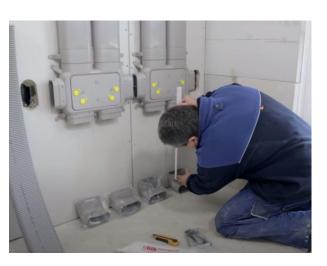
# Our Informational Videos



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

TO WATCH OUR VIDEO

**CLICK HERE** 



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

TO WATCH OUR VIDEO

**CLICK HERE** 

# **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 smells. The filters shall be pleated to reduce the pressure drop and required cleaning time. The unit shall have 160 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 be certified by the PHI for its "cold recovery" during summer months to compliment any active cooling within the property. 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

ComfoAir Q 350



# **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)

IfoAirQ350 Technical Specification 2025

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