



zehnder

always the
best climate



Always the best climate for

COMFORTABLE TEMPERED FRESH AIR

Added air temperation with Zehnder ComfoClima 36
for more comfort in highly insulated houses

Air temperation and ventilation as a solution for overheating in homes

Nowadays, it is easier to keep your house warm in winter than cool during the summer months. What are the consequences and why it is a challenge?

Building regulations



New buildings such as passive houses with extremely effective insulation are supported by building regulations. In these airtight homes sufficient exchange of fresh air can no longer be ensured through natural ventilation alone.

Climate Change



As the climate is changing, tropical summer days are leading to overheated houses with unpleasant indoor climate causing insomnia and increasing health risks, especially for vulnerable people.

Health issues



Limited ventilation options, heat from a district heating network, electrical heating sources and everyday human activities have a negative effect on rising temperatures and humidity within houses.



Zehnder ComfoClima 36

Zehnder ComfoClima 36 not only prevents overheating in residential buildings but provides additional heat in winter. Zehnder ComfoClima 36 is combined with Zehnder ComfoAir Q450 or Q600 complementing its features to provide a comfortable and healthy indoor climate in an energy-efficient way. The system exhausts warm, humid, stale air while enabling fresh, well-tempered, filtered outdoor air to enter the house. This increases our focus, performance, and quality of sleep to put us in a better mood and full of energy.



Benefits of Zehnder ComfoClima 36 with Zehnder ComfoAir Q



Zehnder ComfoClima 36

- Zehnder ComfoClima 36 adds comfortable cooling (air temperature) and heating to the fresh filtered air provided by the Zehnder ComfoAir Q ventilation unit
- Ideal for space saving retrofit installation on top of the Zehnder ComfoAir Q
- Complete automatic integration of both units offering the best-in-class indoor climate
- Inverter technology enables improved modulation of thermal power, maximising the heat pump efficiency and reducing the power consumption
- State-of-the-art air-to-air heat pump technology with highly efficient refrigerant gas (R32)
- Easy and space-saving installation of left- or right-handed units directly on top of the Zehnder ComfoAir Q450 and Q600



Zehnder ComfoAir Q

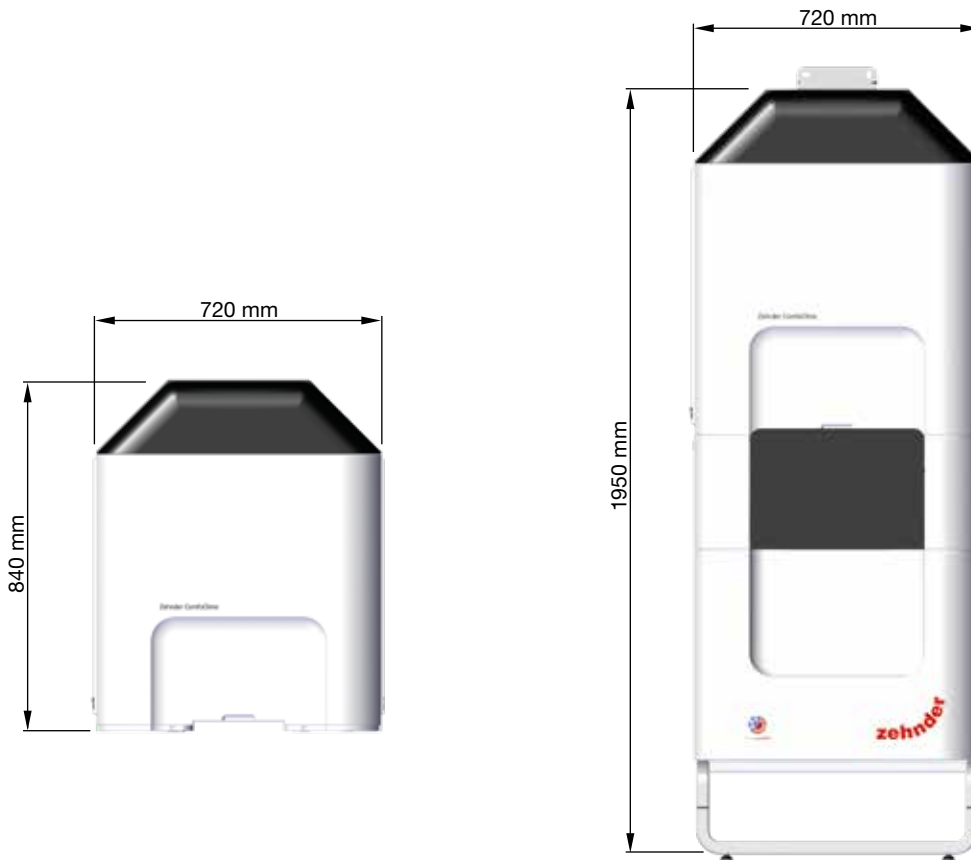
- The ClimateSwitch technology ensures the best automatically adjusted indoor climate all year round
- 100 % fresh and filtered air for a healthy indoor climate
- Patented enthalpic exchanger for the best comfort in summer and winter thanks to both heat and humidity recovery
- The diamond enthalpy exchanger and latest fan technology ensure maximum heat recovery at low energy consumption and 96 % top-notch efficiency
- Automatic modulating bypass for passive free cooling and heating
- Quick and easy commissioning through constant air flow and with the assistance of the Zehnder ComfoControl App.



Zehnder ComfoControl App

- Step by step guide to enable quick and easy commissioning
- Unified thermoregulation and control system of all system components
- Option for automatic or manual operation to cater all indoor climate needs
- Remote control to monitor your indoor climate in each room
- Integration of local and remote monitoring for user and assistance service (optional)

Dimensional drawing



Zehnder ComfoClima 36	
Zehnder ComfoClima 36	Modulating heat pump for heating and cooling
Refrigerant gas	R32
Ventilation unit	Zehnder ComfoAir Q450 or Q600
Configuration	Floor standing
Installation flexibility	One version for both left/right handing
Max nominal air volume supply/extract	600 m ³ /h @ 200 Pa
Passive free heating/cooling	Modulating bypass in-line
Active heating power with reference to indoor conditions	2.4 kW @ 600 m ³ /h
Active cooling power with reference to indoor conditions	2.6 kW @ 600 m ³ /h
Dimensions (W x D x H)	720 x 580 x 840 mm
Weight	62 kg
Max Height w/o AD	Max 1950 mm (floor stand height 255 mm)
Duct diameter Supply/Extract	DN 200 (215 mm - Compatible with Zehnder ComfoPipe Compact 200 without adapter)
Duct diameter Intake/Exhaust	DN 200 (215 mm - Compatible with Zehnder ComfoPipe Compact 200 without adapter)

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