

**zehnder**

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best climate

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# MORE BENEFITS

Comparative data for Zehnder ComfoAir / the new generation of Zehnder ComfoAir Q ventilation units

# Future-proof solution: easy transition from Zehnder ComfoAir to Zehnder ComfoAir Q

Zehnder ComfoAir		NEW: Zehnder ComfoAir Q	Your benefits
<b>Planning/Ordering</b>			
<b>Versions</b>	<ul style="list-style-type: none"> <li>■ Zehnder ComfoAir 350</li> <li>■ Zehnder ComfoAir 550</li> </ul>	<ul style="list-style-type: none"> <li>■ Zehnder ComfoAir Q350</li> <li>■ Zehnder ComfoAir Q450</li> <li>■ Zehnder ComfoAir Q600</li> </ul>	<ul style="list-style-type: none"> <li>■ Higher maximum airflow</li> <li>■ Three units instead of two: optimum system design in projects</li> </ul>
<b>Connections</b>	<ul style="list-style-type: none"> <li>■ Left-hand or right-hand version</li> </ul>	<ul style="list-style-type: none"> <li>■ Left-hand and right-hand version in a single unit for adaptation to the installation on site</li> </ul>	<ul style="list-style-type: none"> <li>■ Always the right unit even when there are last-minute changes</li> <li>■ Reduced stock levels</li> </ul>
<b>Certificates</b>	<ul style="list-style-type: none"> <li>■ PHI (some models), HVI (some models)</li> </ul>	<ul style="list-style-type: none"> <li>■ PHI (all models), HVI (all models)</li> </ul>	<ul style="list-style-type: none"> <li>■ Future-proof</li> <li>■ 3rd party performance testing</li> <li>■ Improved market recognition</li> <li>■ Improved program eligibility</li> </ul>
<b>Pre-heater</b>	<ul style="list-style-type: none"> <li>■ The pre-heater is built into the unit</li> </ul>	<ul style="list-style-type: none"> <li>■ The pre-heater is easy to retrofit</li> </ul>	<ul style="list-style-type: none"> <li>■ Easy to retrofit</li> <li>■ Reduces unit versions</li> </ul>
<b>Installation</b>			
<b>Connections</b>	<ul style="list-style-type: none"> <li>■ Fixed right/left supply and extract air connection</li> </ul>	<ul style="list-style-type: none"> <li>■ Supply air and extract air connection easy to switch between right and left</li> </ul>	<ul style="list-style-type: none"> <li>■ Always the right unit in just a few steps</li> </ul>
<b>Compatibility</b>	<ul style="list-style-type: none"> <li>■ Zehnder air distribution system compatible with ComfoAir 350 and ComfoAir 550</li> </ul>	<ul style="list-style-type: none"> <li>■ Zehnder air distribution system compatible with ComfoAir Q350, ComfoAir Q450 and ComfoAir Q600</li> </ul>	<ul style="list-style-type: none"> <li>■ The ventilation unit still matches the air distribution 100%</li> <li>■ The range of connection components has also been expanded to make installation even easier.</li> </ul>
<b>Commissioning/Use/Maintenance</b>			
<b>Commissioning wizard</b>	<ul style="list-style-type: none"> <li>■ Manual commissioning via the coded parameter menu</li> </ul>	<ul style="list-style-type: none"> <li>■ Commissioning is easy and can be done in just three steps via an intuitive menu</li> </ul>	<ul style="list-style-type: none"> <li>■ Simple and quick commissioning</li> <li>■ Reliable system function</li> </ul>
<b>Volume flow balance</b>	<ul style="list-style-type: none"> <li>■ Fixed fan speed setting during commissioning</li> </ul>	<ul style="list-style-type: none"> <li>■ Sensor technology guarantees optimum air volume balance</li> <li>■ Flow Control maintains the set volume flow by automatically adjusting the fan speed</li> </ul>	<ul style="list-style-type: none"> <li>■ Simple and quick commissioning</li> <li>■ Maximum heat recovery</li> <li>■ Comfort for the occupant</li> </ul>
<b>Filter design and maintenance help</b>	<ul style="list-style-type: none"> <li>■ Original filter design</li> <li>■ Time-based filter alert</li> </ul>	<ul style="list-style-type: none"> <li>■ Unit filter directly on the air intake</li> <li>■ Filter flap for an even better seal</li> <li>■ Larger filter material surface due to improved pleat design</li> <li>■ Intelligent filter alert according to air volume and time</li> <li>■ Filter change wizard</li> </ul>	<ul style="list-style-type: none"> <li>■ No build-up of dust in the unit and in the air distribution system</li> <li>■ Filter replacement as needed thanks to indicator</li> <li>■ Larger surface means lower pressure loss</li> <li>■ Lower pressure loss means reduced current draw</li> <li>■ Simple, error-free filter replacement</li> </ul>
<b>Pre-heater</b>	<ul style="list-style-type: none"> <li>■ Pre-heater off/on</li> </ul>	<ul style="list-style-type: none"> <li>■ Pre-heater works in a modulating manner</li> <li>■ More available pre-heater power</li> </ul>	<ul style="list-style-type: none"> <li>■ Optimum energy efficiency thanks to intelligent temperature control of the drawn-in outdoor air</li> <li>■ More pre-heat available as needed</li> </ul>
<b>Operating concept</b>	<ul style="list-style-type: none"> <li>■ No direct operation on the unit possible. ComfoSense wall control required for operation</li> </ul>	<ul style="list-style-type: none"> <li>■ Intuitive display on the unit with plain text in the language of the country and a real-time indicator</li> <li>■ ComfoSwitch C, ComfoSense C, Zehnder ComfoControl app, Zehnder web portal (more updates coming!)</li> </ul>	<ul style="list-style-type: none"> <li>■ Easy and convenient operation</li> <li>■ Individual choice of operating concept</li> <li>■ Zehnder web portal for easy monitoring via remote access</li> </ul>
<b>User comfort</b>	<ul style="list-style-type: none"> <li>■ Fixed comfort temperature (can be selected on an individual basis)</li> <li>■ By-pass switched on or off, 0 or 100 %</li> </ul>	<ul style="list-style-type: none"> <li>■ Adaptive comfort technology: factors in temperature perception according to the outside temperature pattern</li> <li>■ Modulating by-pass: automatically adjusts heat recovery to calculated comfort temperature</li> <li>■ Quietest ventilation unit on the market</li> </ul>	<ul style="list-style-type: none"> <li>■ Automatically creates the optimum supply air temperature, for a perfect well-being climate</li> <li>■ The easy way to ensure a quiet, comfortable indoor climate</li> </ul>